

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014699.D
 Acq On : 24 Jan 2020 16:02
 Operator : JC/SP
 Sample : VX0124WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:35:40 AM

Quant Time: Jan 24 23:22:42 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	445657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	301760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	252240	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.48	113	209974	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	812209	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	291036	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	114760	19.512	ug/l 98
3) Chloromethane	1.32	50	113696	18.858	ug/l 99
4) Vinyl Chloride	1.40	62	130047	19.950	ug/l 99
5) Bromomethane	1.64	94	75426	17.035	ug/l 94
6) Chloroethane	1.72	64	72663	18.614	ug/l 96
7) Trichlorofluoromethane	1.92	101	143122	18.856	ug/l 98
8) Diethyl Ether	2.18	74	60939	18.394	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86267	19.360	ug/l 99
10) Methyl Iodide	2.50	142	108444	18.548	ug/l 99
11) Tert butyl alcohol	3.02	59	88876	76.066	ug/l 99
12) 1,1-Dichloroethene	2.37	96	81977	18.504	ug/l 97
13) Acrolein	2.28	56	110190	119.608	ug/l 100
14) Allyl chloride	2.72	41	147230	18.489	ug/l 98
15) Acrylonitrile	3.13	53	245986	90.991	ug/l 100
16) Acetone	2.43	43	208322	73.144	ug/l 98
17) Carbon Disulfide	2.56	76	215475	17.796	ug/l 99
18) Methyl Acetate	2.76	43	148644	18.257	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	277445	19.120	ug/l 98
20) Methylene Chloride	2.84	84	96393	18.264	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	88048	18.050	ug/l 96
22) Diisopropyl ether	3.84	45	306397	19.340	ug/l 91
23) Vinyl Acetate	3.80	43	1155867	95.709	ug/l 99
24) 1,1-Dichloroethane	3.69	63	163529	19.006	ug/l 99
25) 2-Butanone	4.65	43	336946	82.452	ug/l 100
26) 2,2-Dichloropropane	4.58	77	128960	18.726	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	101245	18.545	ug/l 99
28) Bromochloromethane	5.00	49	67948	17.972	ug/l 96
29) Tetrahydrofuran	5.11	42	220069	90.733	ug/l 99
30) Chloroform	5.20	83	157655	18.497	ug/l 98
31) Cyclohexane	5.57	56	155894	19.264	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	132292	18.363	ug/l 100
36) 1,1-Dichloropropene	5.79	75	118888	19.226	ug/l 96
37) Ethyl Acetate	4.81	43	131899	18.623	ug/l 100
38) Carbon Tetrachloride	5.77	117	113256	19.177	ug/l 98

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Manual Integrations
 APPROVED

MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153210	19.777	ug/l	94
40) Benzene	6.13	78	369361	19.332	ug/l	98
41) Methacrylonitrile	5.02	41	74798	18.350	ug/l	98
42) 1,2-Dichloroethane	6.18	62	130858	19.833	ug/l	99
43) Isopropyl Acetate	6.43	43	216598	18.676	ug/l	99
44) Trichloroethene	7.21	130	102227	18.942	ug/l	98
45) 1,2-Dichloropropane	7.50	63	96576	19.620	ug/l	100
46) Dibromomethane	7.65	93	63507	19.921	ug/l	98
47) Bromodichloromethane	7.89	83	117146	18.736	ug/l	98
48) Methyl methacrylate	7.76	41	104016	18.771	ug/l	96
49) 1,4-Dioxane	7.73	88	37975	323.288	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	677885	92.607	ug/l	99
52) Toluene	8.78	92	231125	19.679	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	130286	19.352	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147379	19.899	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93875	19.522	ug/l	98
56) Ethyl methacrylate	9.17	69	142791	18.675	ug/l	100
57) 1,3-Dichloropropane	9.37	76	161555	19.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	222991	92.210	ug/l	99
59) 2-Hexanone	9.48	43	500713	88.150	ug/l	100
60) Dibromochloromethane	9.57	129	95220	18.971	ug/l	98
61) 1,2-Dibromoethane	9.67	107	99241	19.520	ug/l	98
64) Tetrachloroethene	9.33	164	115372	19.313	ug/l	100
65) Chlorobenzene	10.14	112	247608	19.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90865	19.092	ug/l	100
67) Ethyl Benzene	10.25	91	438982	19.917	ug/l	97
68) m/p-Xylenes	10.35	106	335892	40.226	ug/l	100
69) o-Xylene	10.70	106	162198	20.121	ug/l	98
70) Styrene	10.71	104	272876	20.180	ug/l	100
71) Bromoform	10.85	173	70139	18.532	ug/l #	99
73) Isopropylbenzene	11.01	105	424425	20.003	ug/l	99
74) N-amyl acetate	10.89	43	181243	19.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137810	18.191	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	115146m	16.401	ug/l	
77) Bromobenzene	11.25	156	112622	19.758	ug/l	98
78) n-propylbenzene	11.35	91	488388	20.278	ug/l	100
79) 2-Chlorotoluene	11.42	91	287830	19.752	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	358167	20.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42503	17.229	ug/l	95
82) 4-Chlorotoluene	11.51	91	336033	20.255	ug/l	99
83) tert-Butylbenzene	11.76	119	328714	19.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	364310	20.625	ug/l	99
85) sec-Butylbenzene	11.94	105	414686	20.456	ug/l	99
86) p-Isopropyltoluene	12.06	119	381881	20.384	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200061	19.530	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199656	19.457	ug/l	98
89) n-Butylbenzene	12.38	91	330829	20.276	ug/l	99
90) Hexachloroethane	12.59	117	63965	18.382	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	195183	19.184	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26896	16.524	ug/l	92

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ClientSampleId :
VX0124WBS02

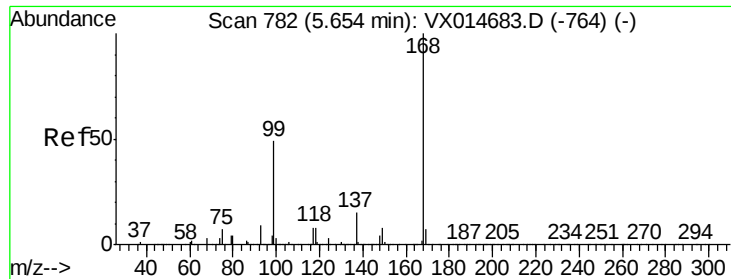
Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:35:40 AM

Quant Time: Jan 24 23:22:42 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)
93) 1,2,4-Trichlorobenzene	13.64	180	136010	20.735	ug/l	98
94) Hexachlorobutadiene	13.77	225	64217	19.021	ug/l	97
95) Naphthalene	13.83	128	416762	20.267	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136840	20.631	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

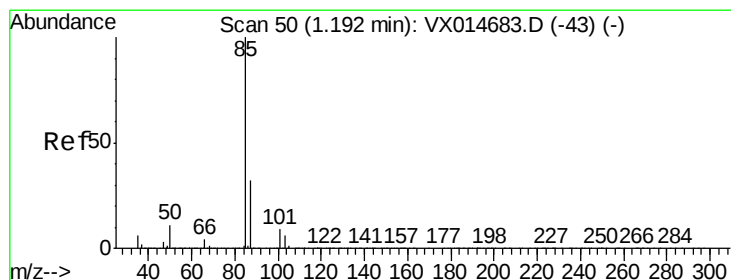
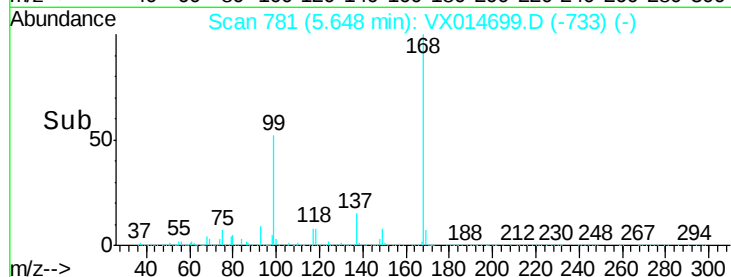
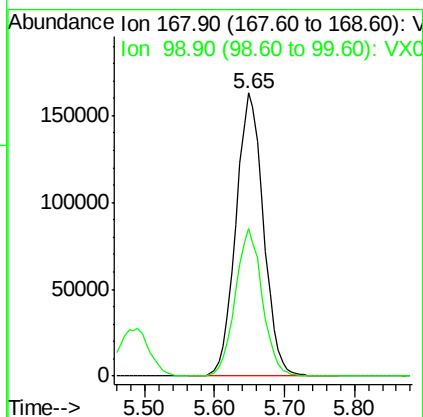
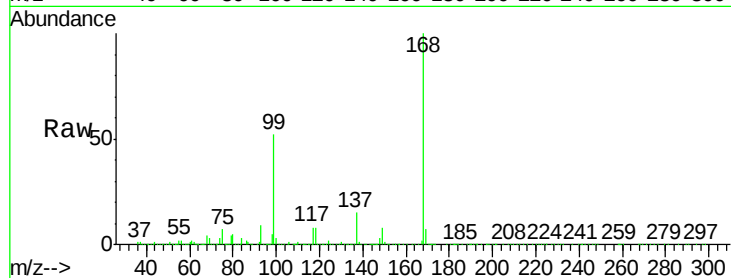
ClientSampleId :

VX0124WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.0	39.8	59.6

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 19.512 ug/l

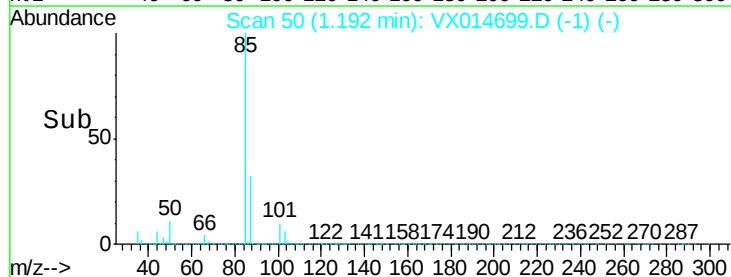
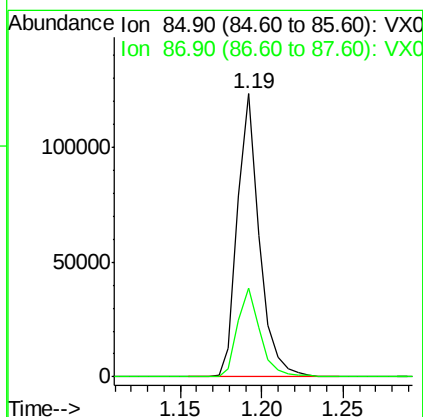
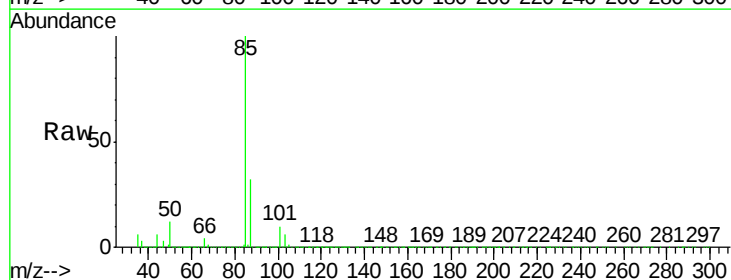
RT: 1.19 min Scan# 50

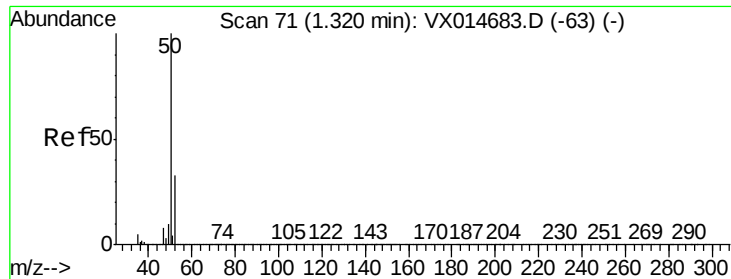
Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.2	48.5





#3

Chloromethane

Concen: 18.858 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS02

Tot Ion: 50 Resp: 113696

Ion Ratio Lower Upper

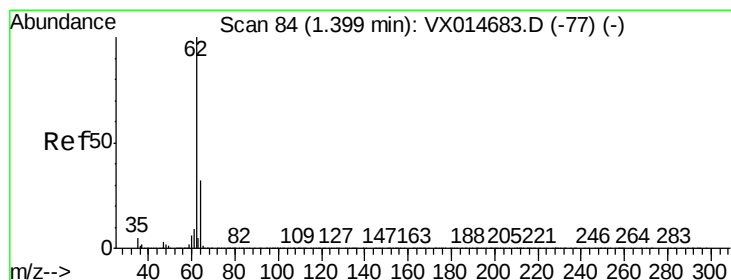
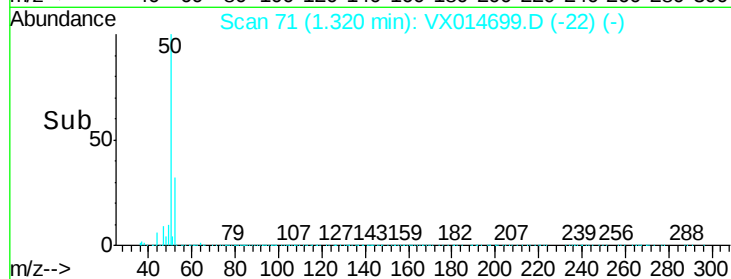
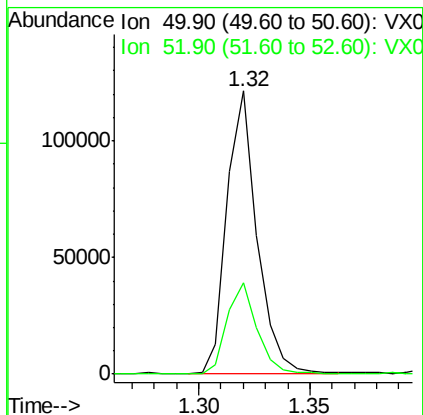
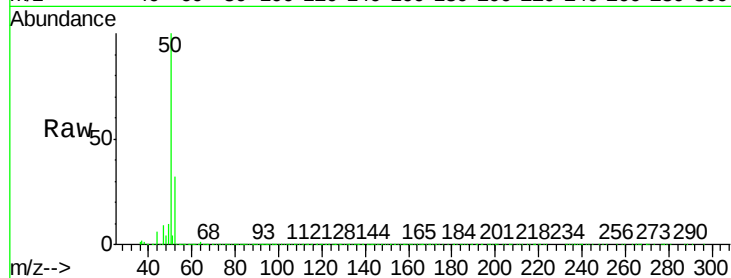
50 100

52 32.3 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.950 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014699.D

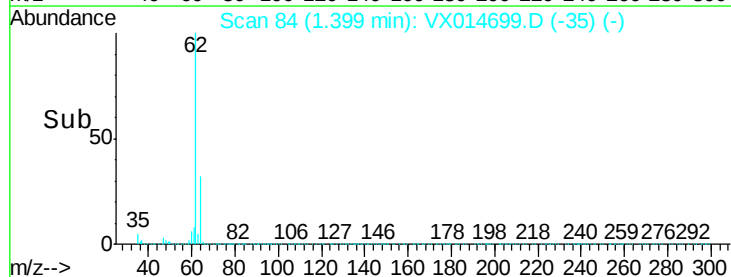
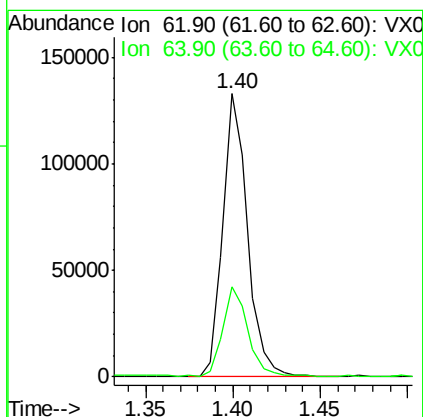
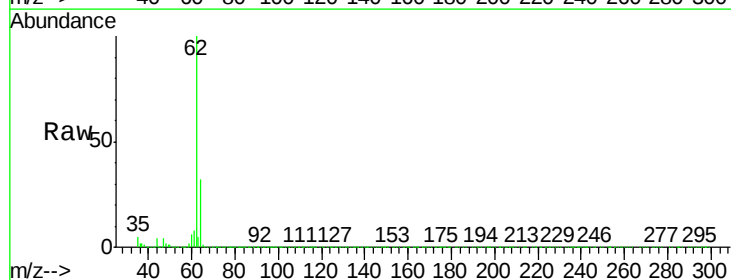
Acq: 24 Jan 2020 16:02

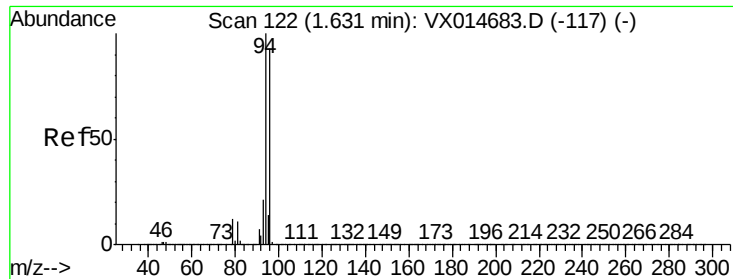
Tgt Ion: 62 Resp: 130047

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 17.035 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS02

Tot Ion: 94 Resp: 75426

Ion Ratio Lower Upper

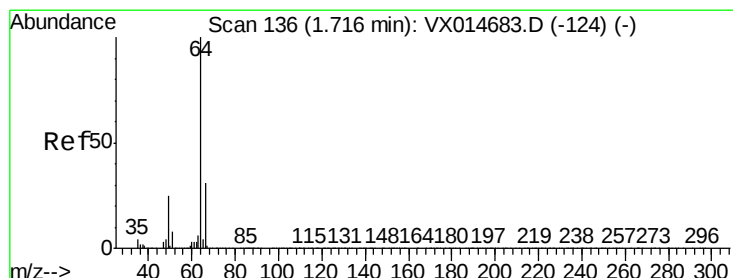
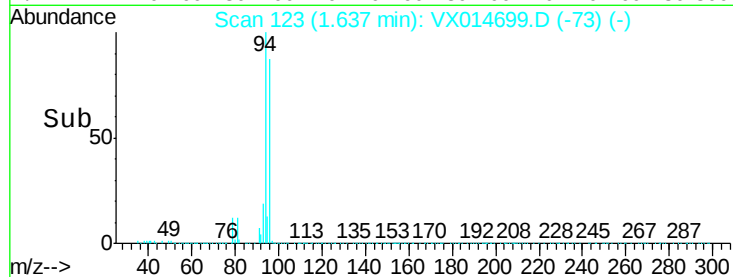
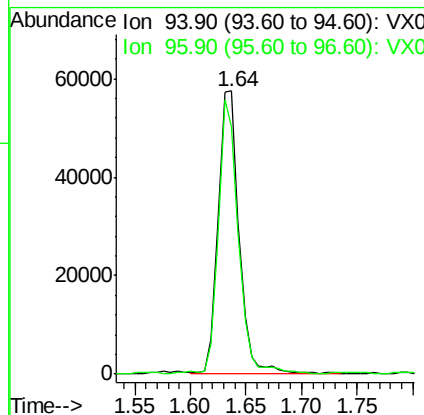
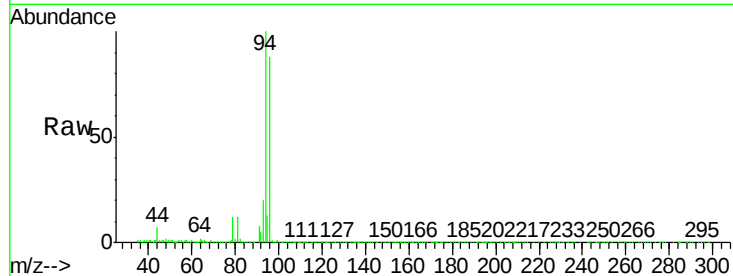
94 100

96 87.2 74.7 112.1

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1/27/2020 10:35:40 AM



#6

Chloroethane

Concen: 18.614 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014699.D

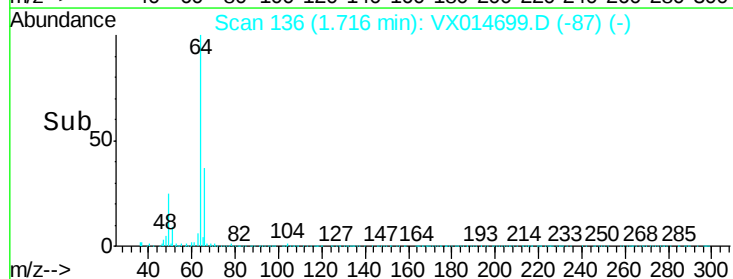
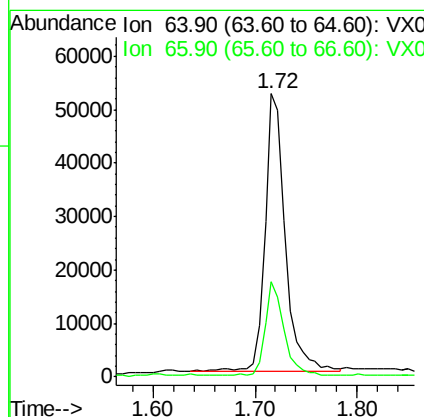
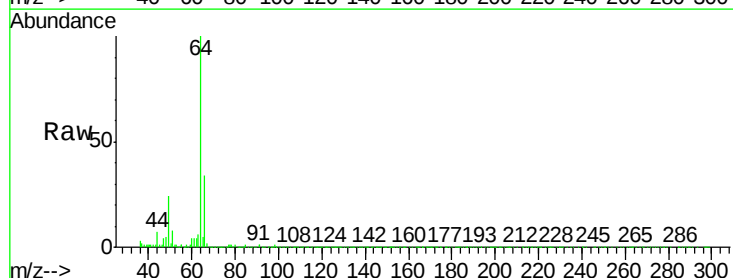
Acq: 24 Jan 2020 16:02

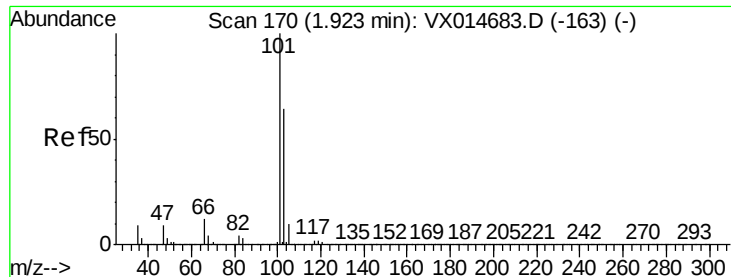
Tgt Ion: 64 Resp: 72663

Ion Ratio Lower Upper

64 100

66 33.9 25.2 37.8





#7

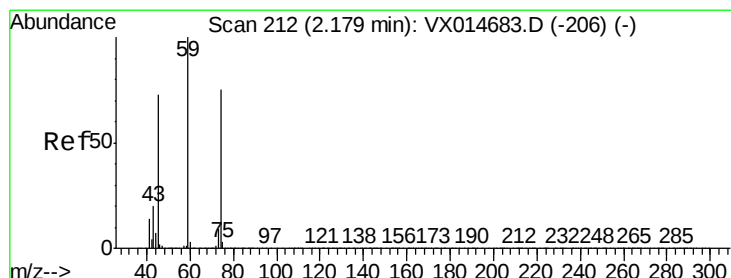
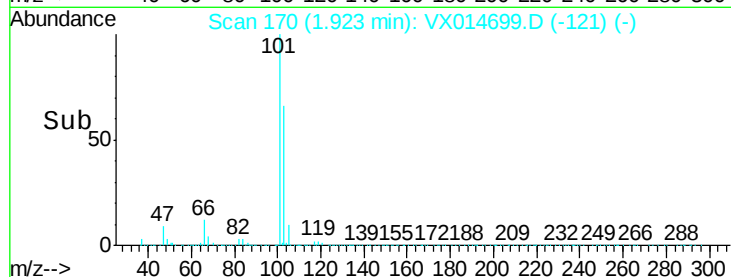
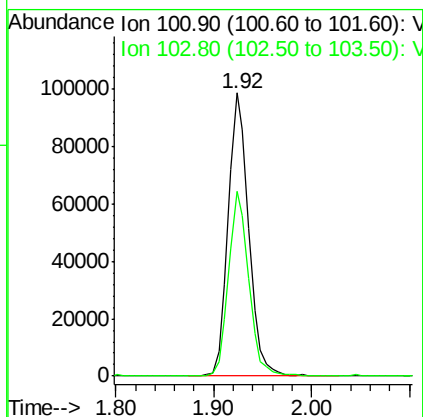
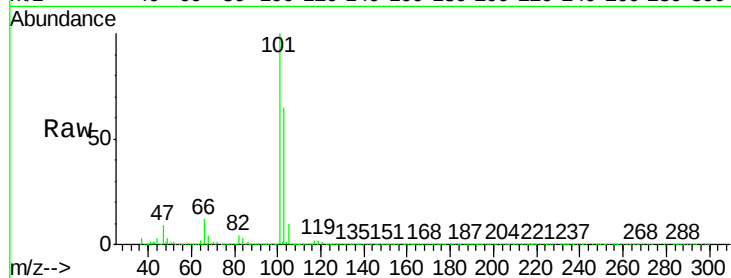
Trichlorofluoromethane
Concen: 18.856 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

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ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.0	76.6

Manual Integrations
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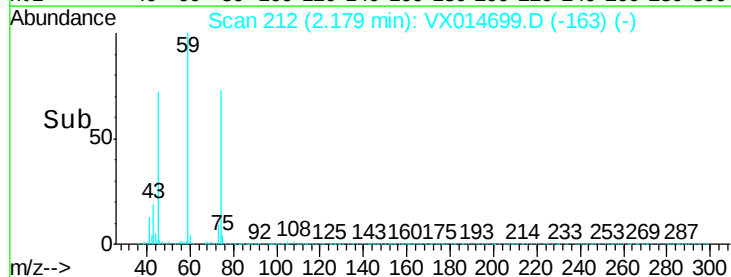
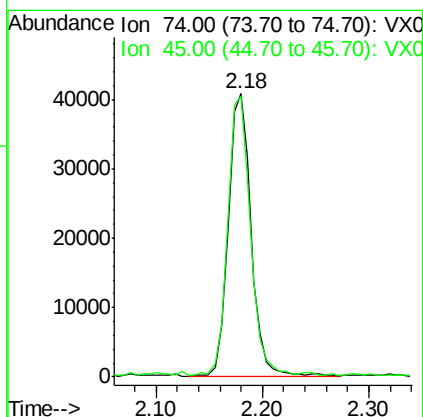
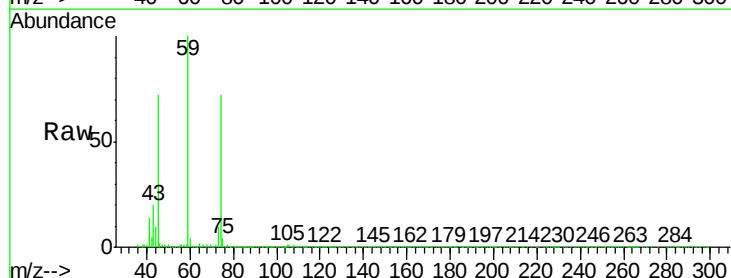
MMDadoda
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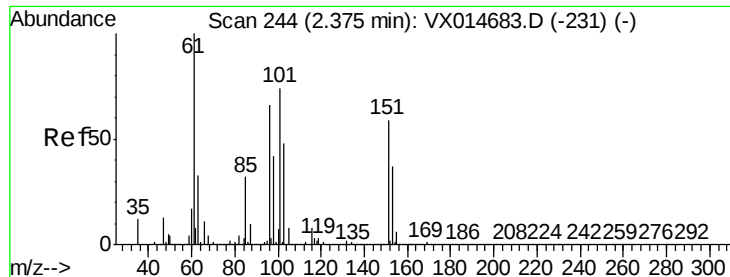


#8

Diethyl Ether
Concen: 18.394 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.360 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014699.D

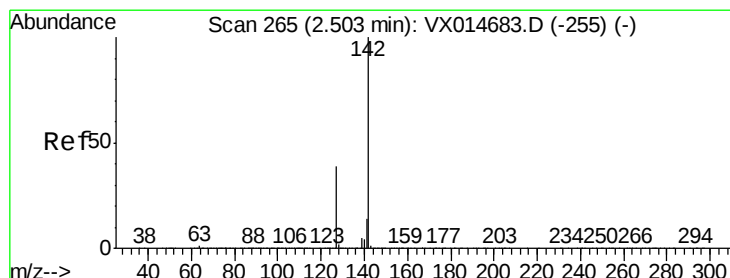
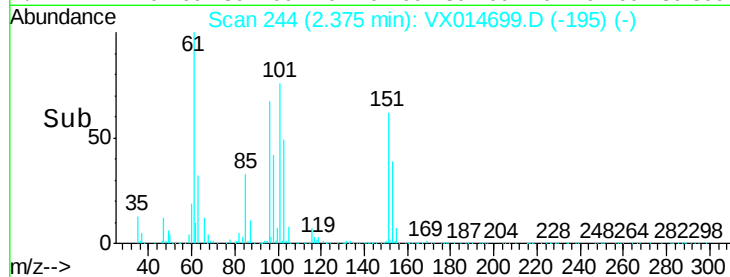
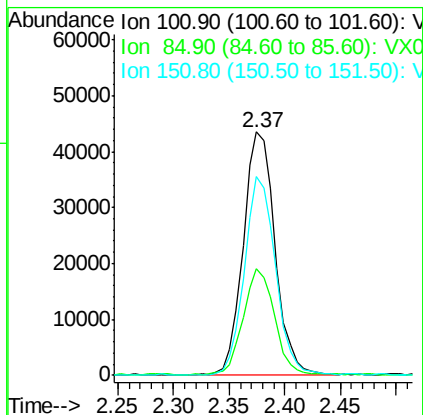
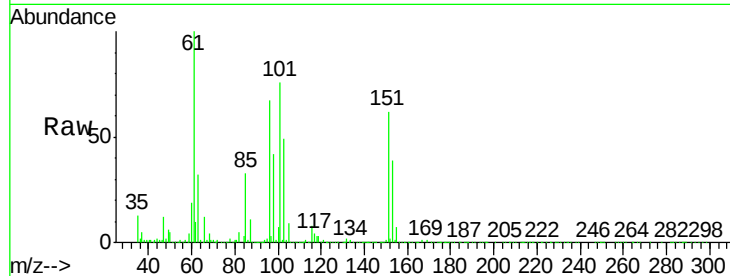
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.7	52.1
151	80.7	64.7	97.1

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#10

Methyl Iodide

Concen: 18.548 ug/l

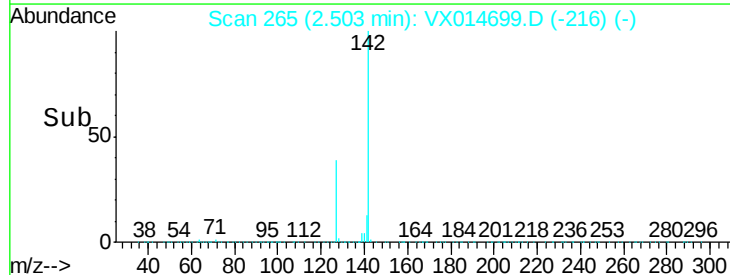
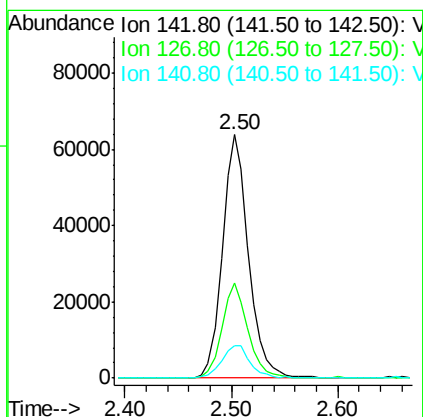
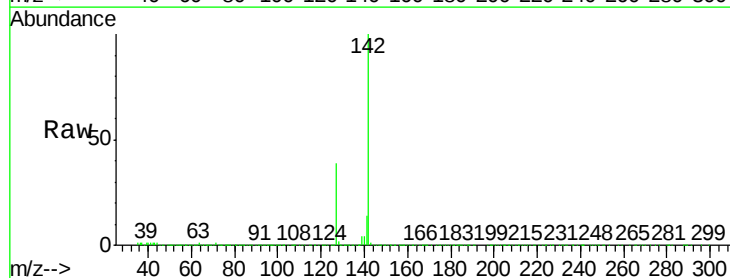
RT: 2.50 min Scan# 265

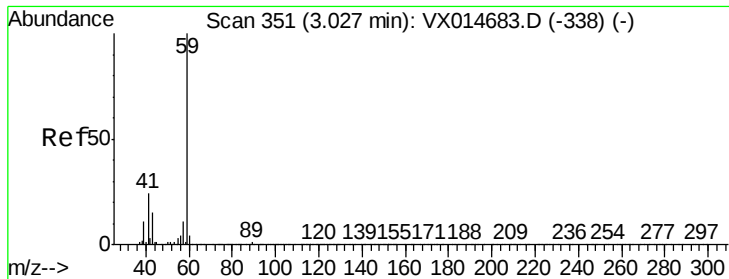
Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.0	31.1	46.7
141	15.1	11.3	16.9





#11

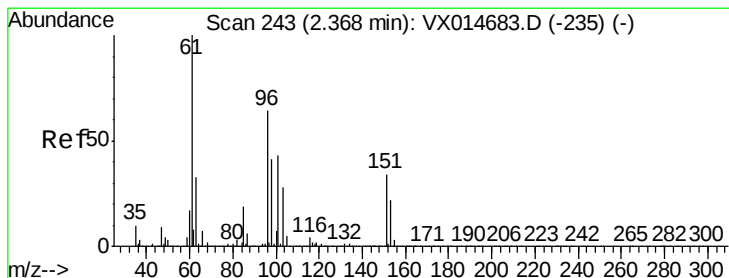
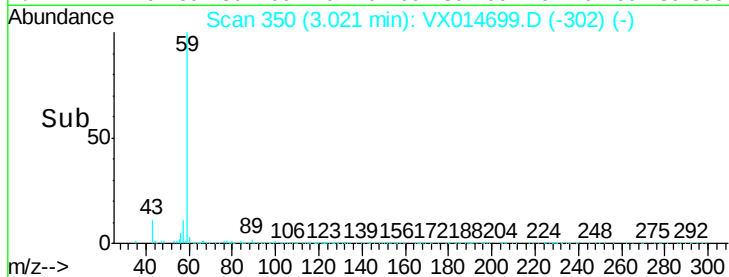
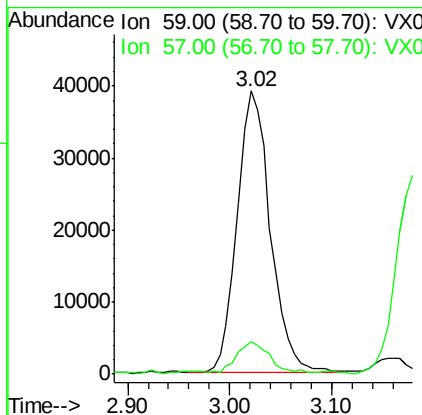
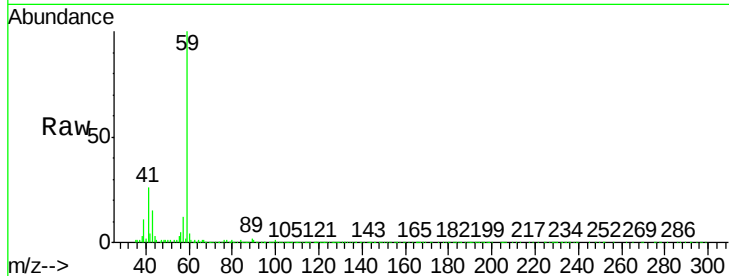
Tert butyl alcohol
 Concen: 76.066 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

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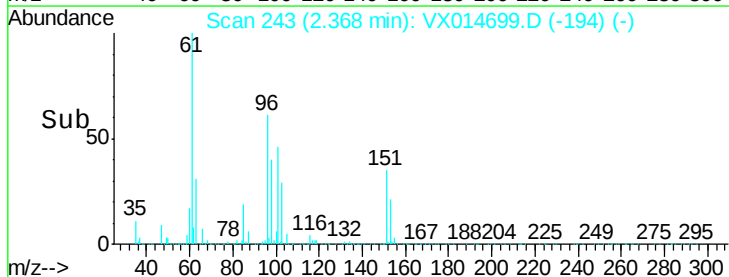
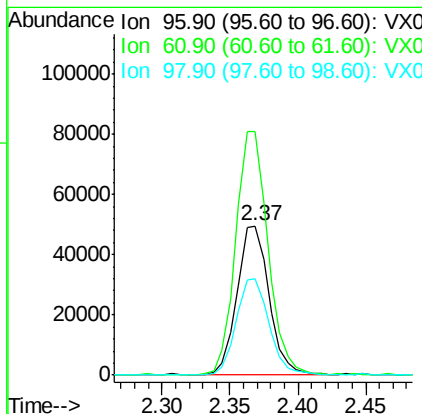
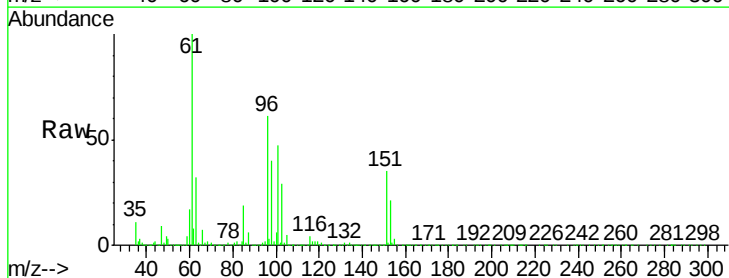
MMDadoda
 1/27/2020 10:35:40 AM

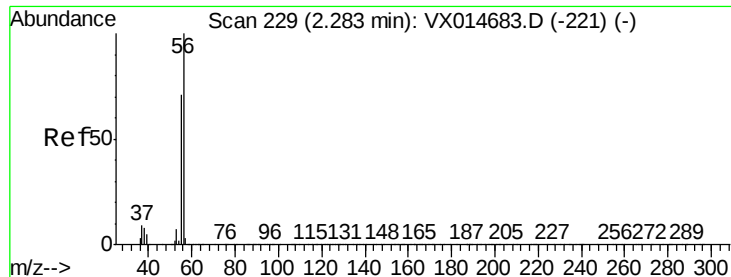


#12

1,1-Dichloroethene
 Concen: 18.504 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	125.8	188.8
98	64.5	51.5	77.3





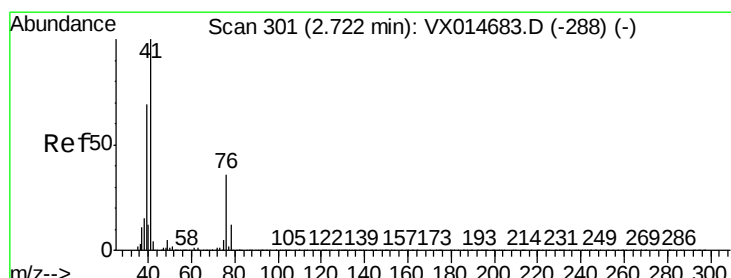
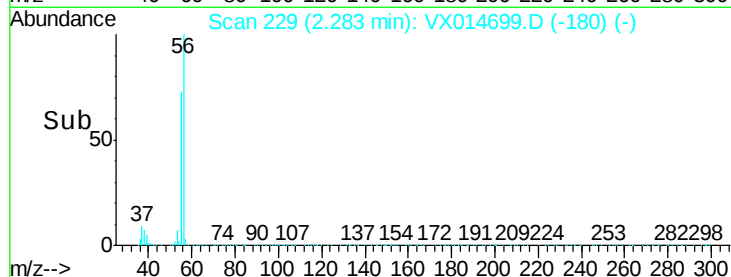
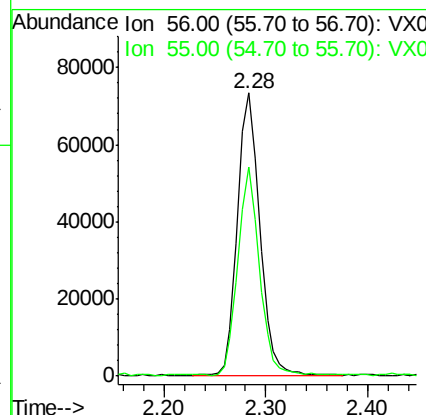
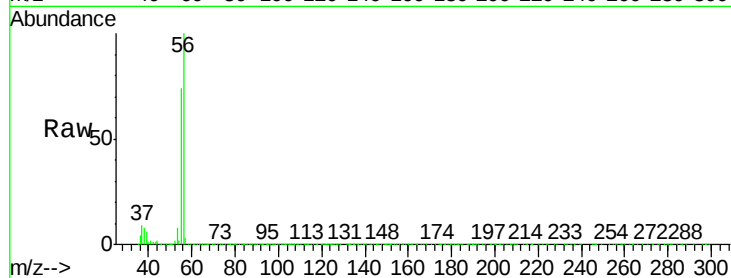
#13
Acrolein
Concen: 119.608 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.0	56.6	84.8	

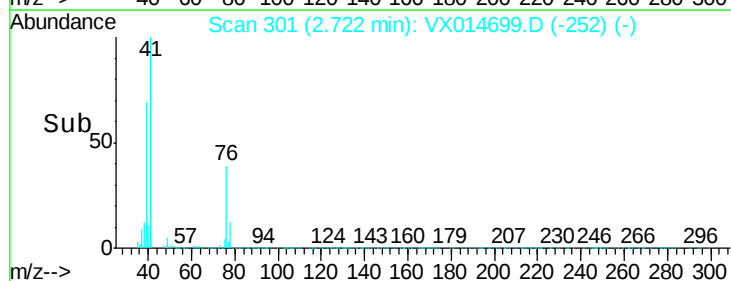
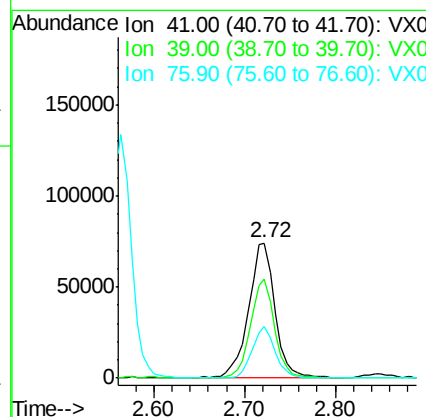
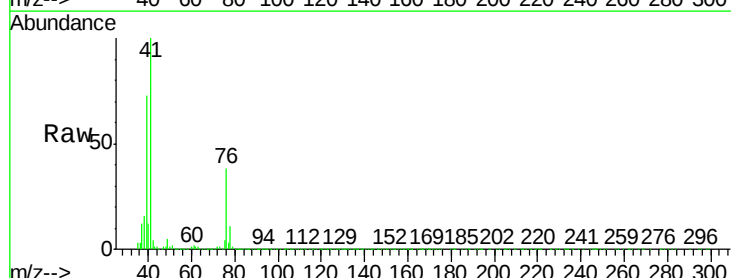
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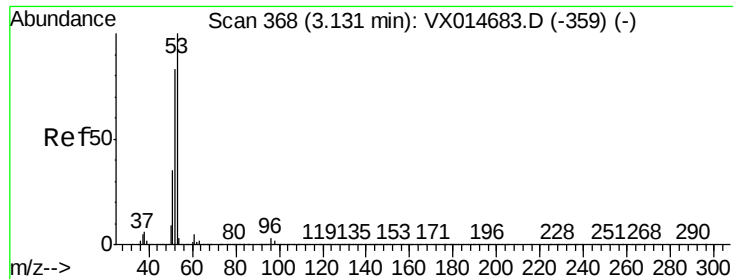
MMDadoda
1/27/2020 10:35:40 AM



#14
Allyl chloride
Concen: 18.489 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	66.7	52.0	78.0	
76	32.8	26.0	39.0	





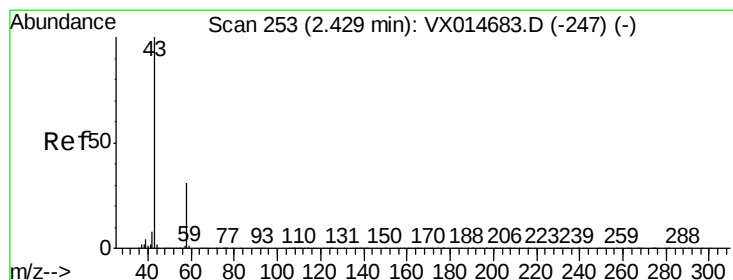
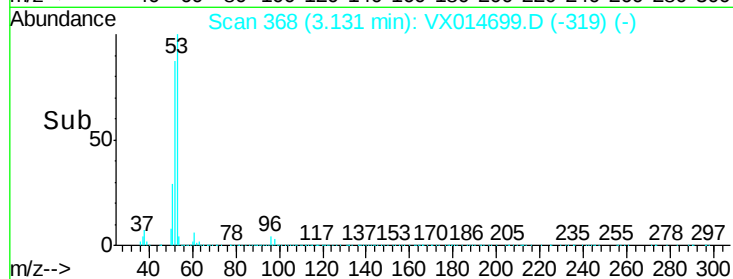
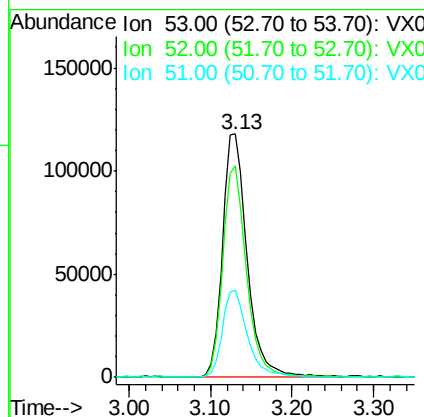
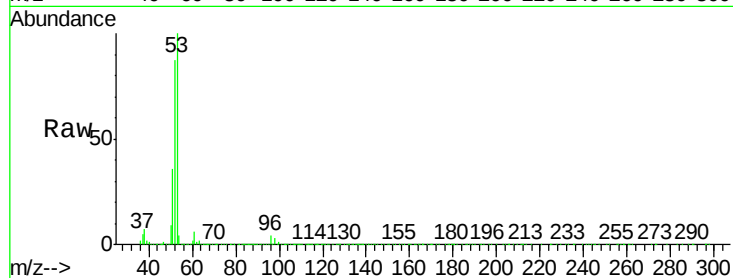
#15
 Acrylonitrile
 Concen: 90.991 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Tot Ion:	53	Resp:	245986
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.4	99.6
51	36.3	28.7	43.1

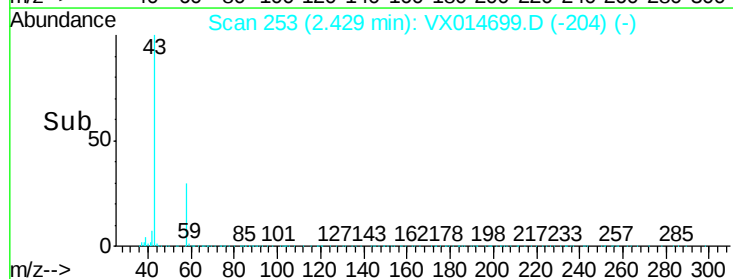
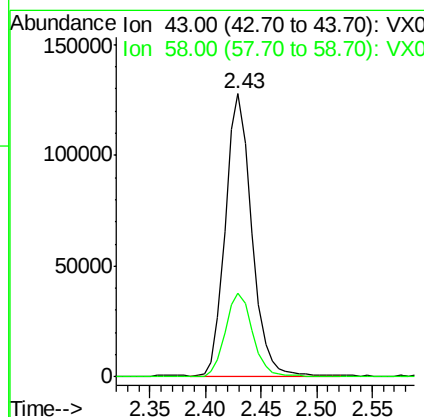
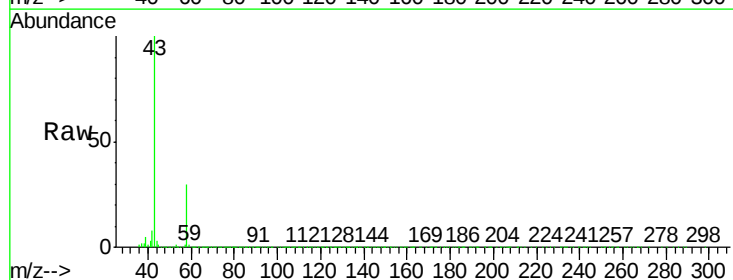
Manual Integrations
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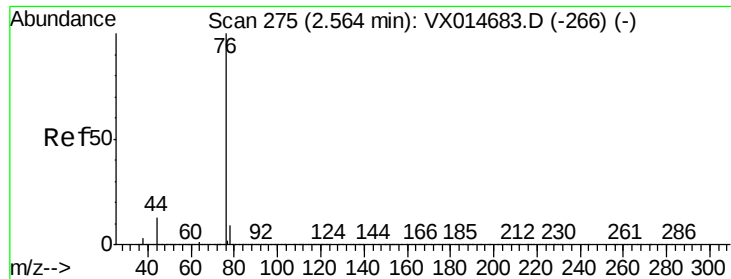
MMDadoda
 1/27/2020 10:35:40 AM



#16
 Acetone
 Concen: 73.144 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion:	43	Resp:	208322
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.5	36.7





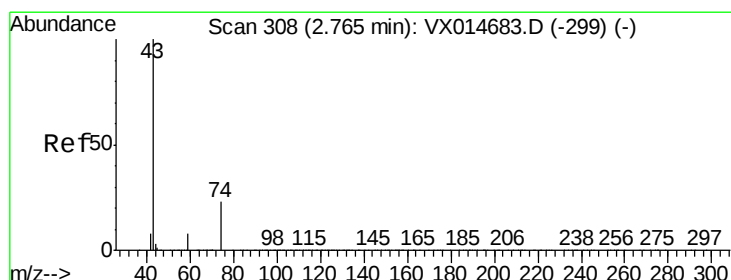
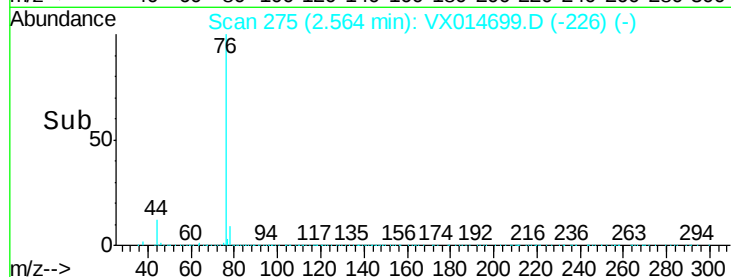
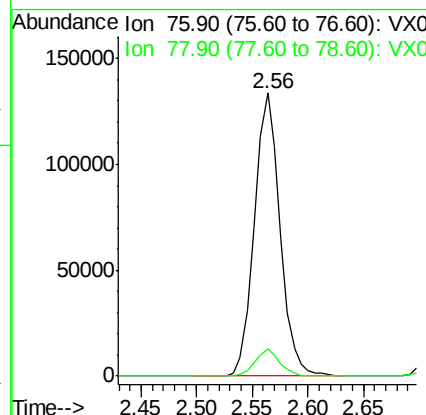
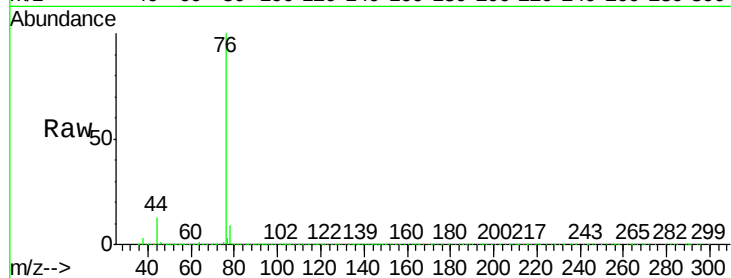
#17
Carbon Disulfide
Concen: 17.796 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

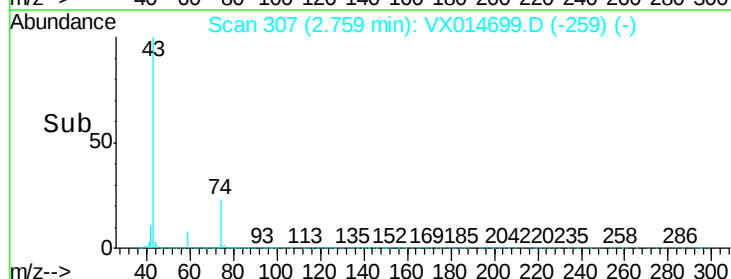
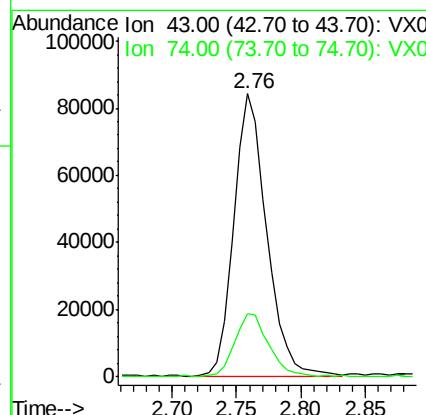
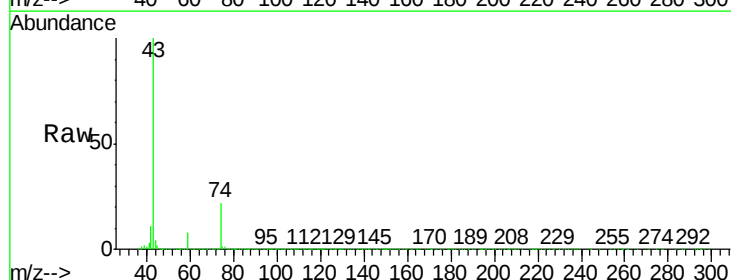
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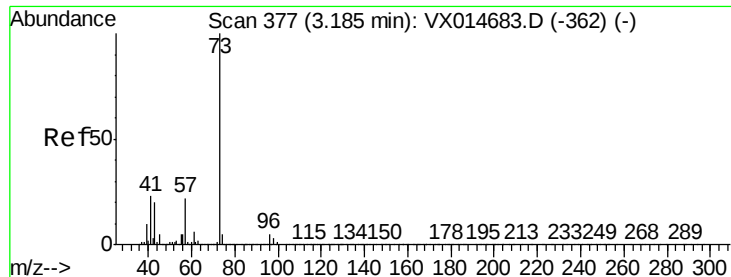
MMDadoda
1/27/2020 10:35:40 AM



#18
Methyl Acetate
Concen: 18.257 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.5	27.7





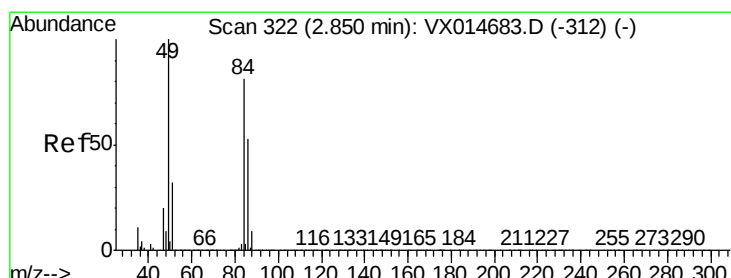
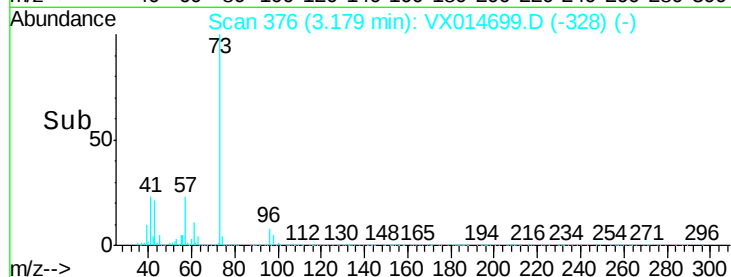
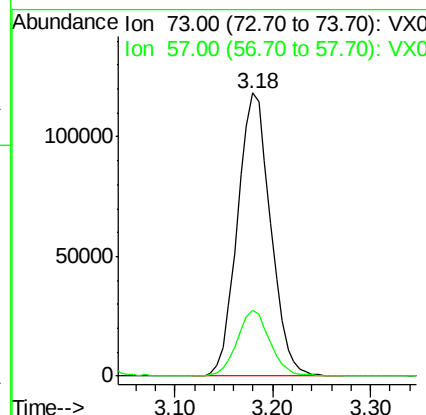
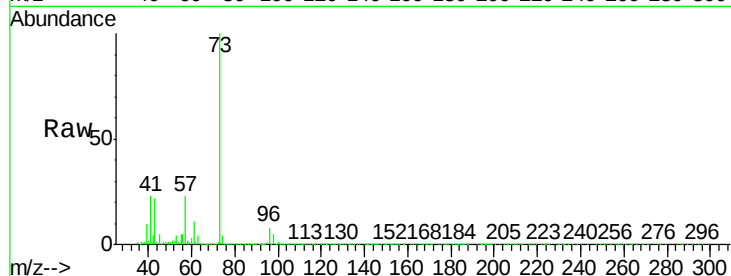
#19
Methyl tert-butyl Ether
Concen: 19.120 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.0	27.0

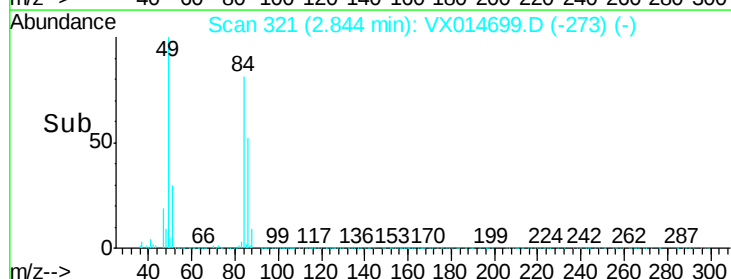
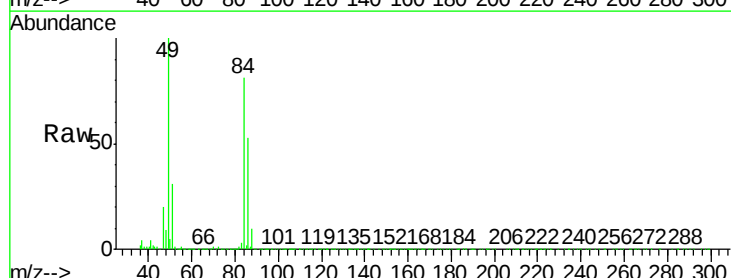
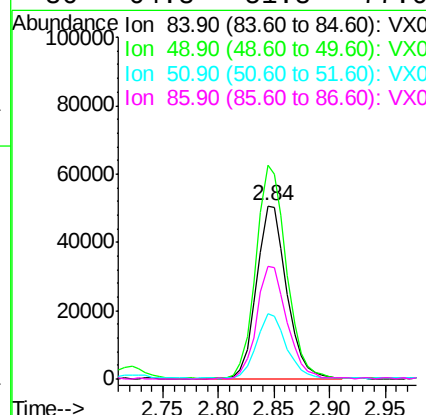
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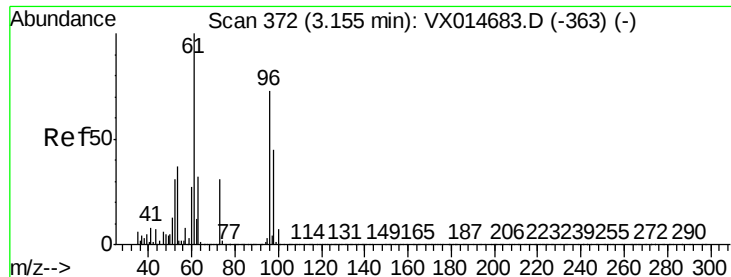
MMDadoda
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#20
Methylene Chloride
Concen: 18.264 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	98.2	147.4
51	37.4	31.3	46.9
86	64.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.050 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

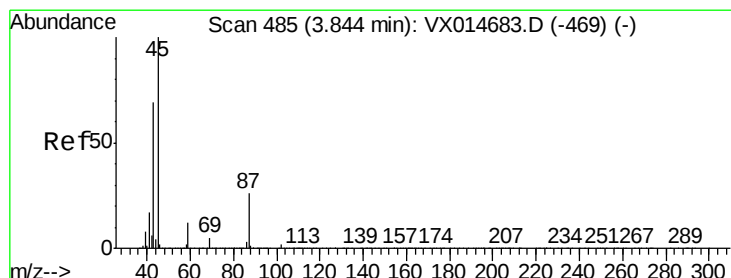
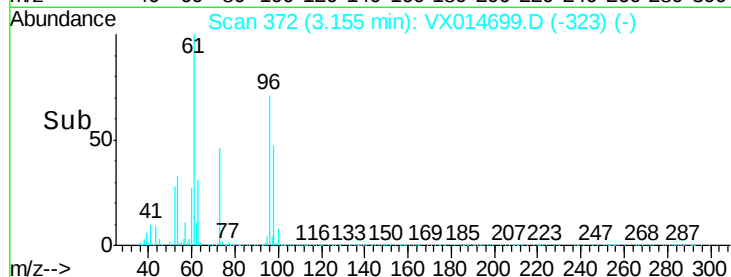
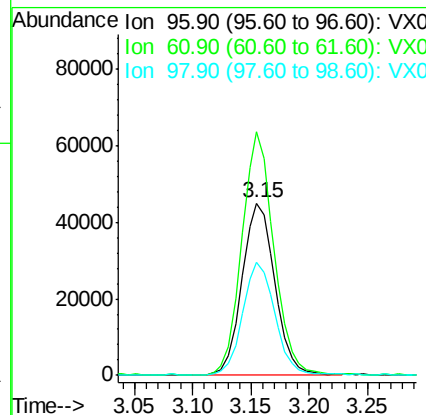
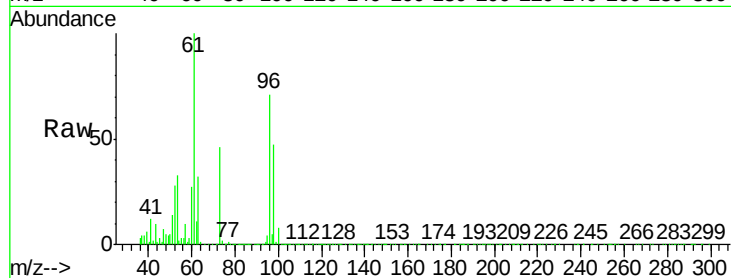
ClientSampleId :

VX0124WBS02

Tot Ion:	96	Resp:	88048
Ion	Ratio	Lower	Upper
96	100		
61	141.2	109.8	164.6
98	65.8	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.340 ug/l

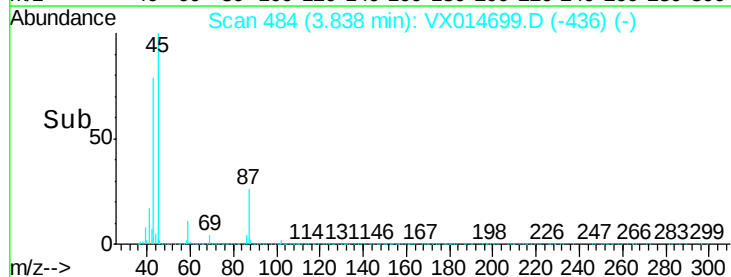
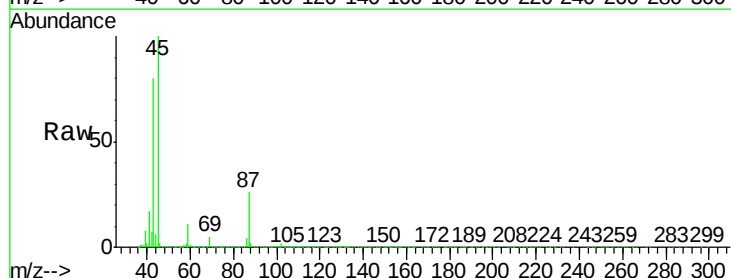
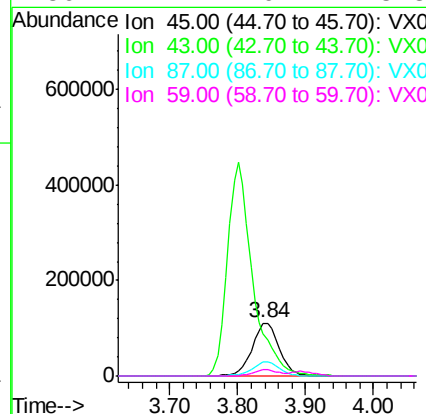
RT: 3.84 min Scan# 484

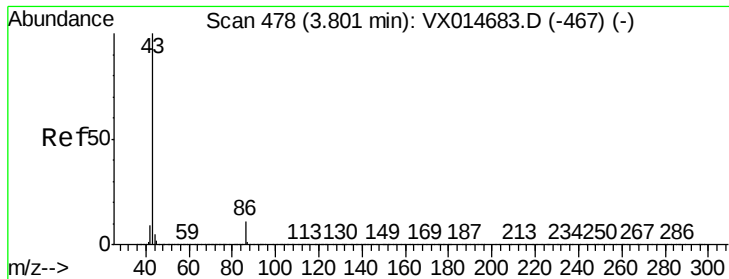
Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion:	45	Resp:	306397
Ion	Ratio	Lower	Upper
45	100		
43	79.6	55.1	82.7
87	26.0	20.7	31.1
59	11.1	9.2	13.8





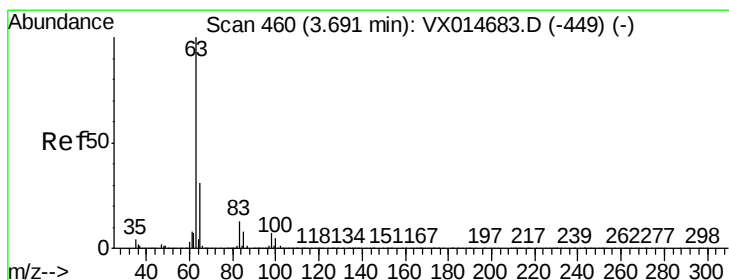
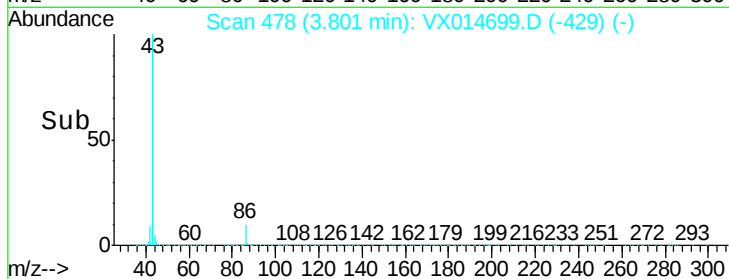
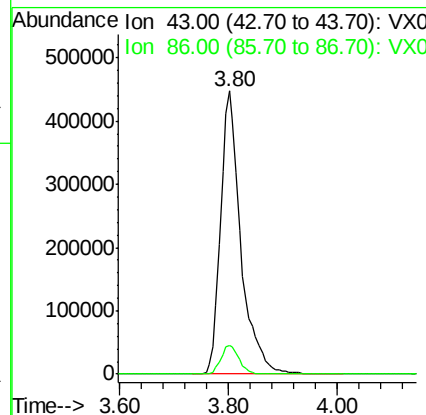
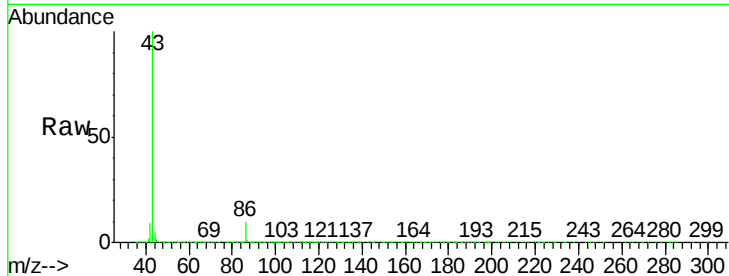
#23
 Vinyl Acetate
 Concen: 95.709 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0124WBS02

Tot Ion: 43 Resp: 1155867
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6

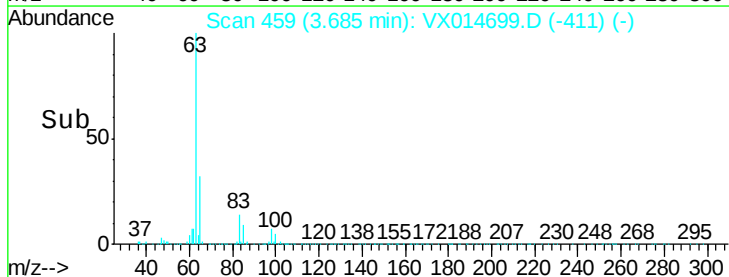
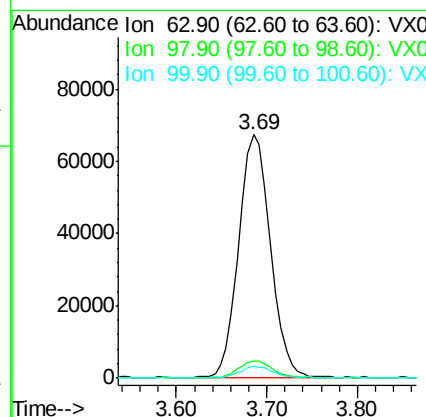
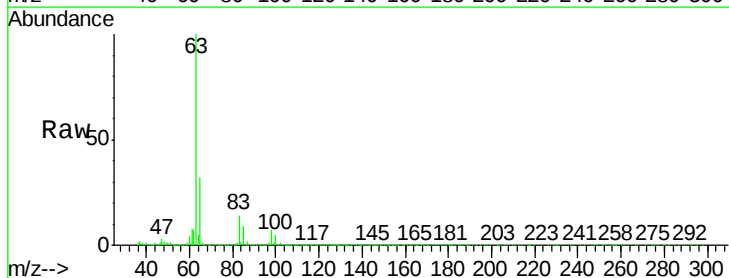
Manual Integrations
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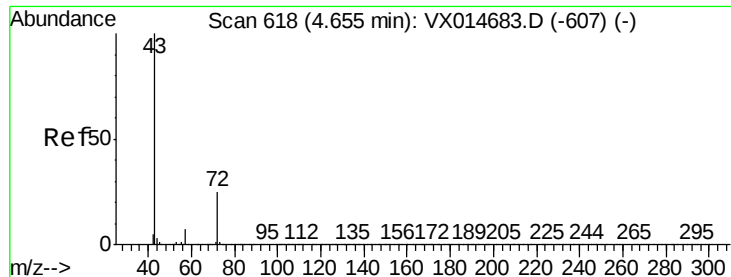
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 1/27/2020 10:35:40 AM



#24
 1,1-Dichloroethane
 Concen: 19.006 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion: 63 Resp: 163529
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 82.452 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS02

Tot Ion: 43 Resp: 336946

Ion Ratio Lower Upper

43 100

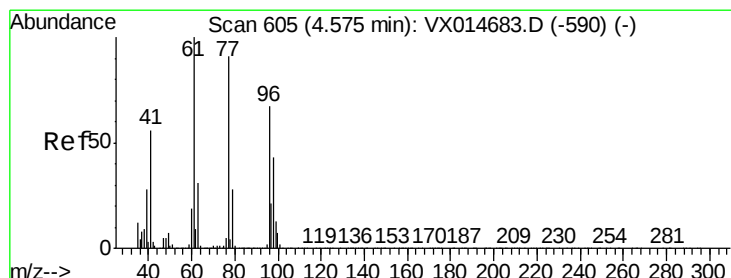
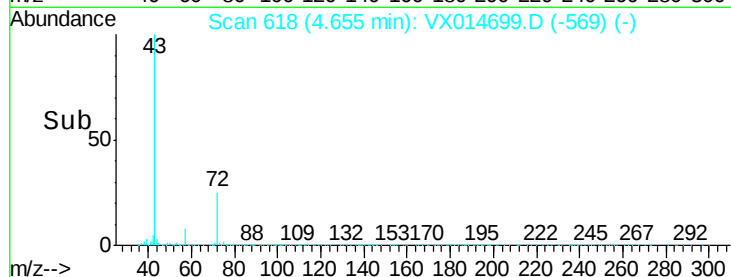
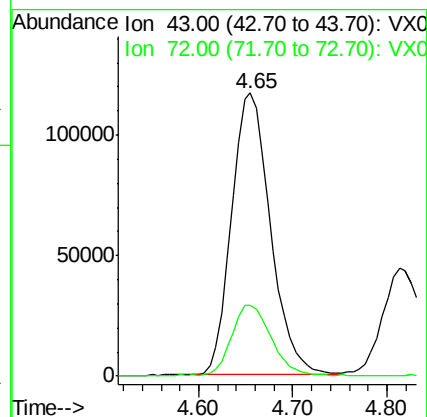
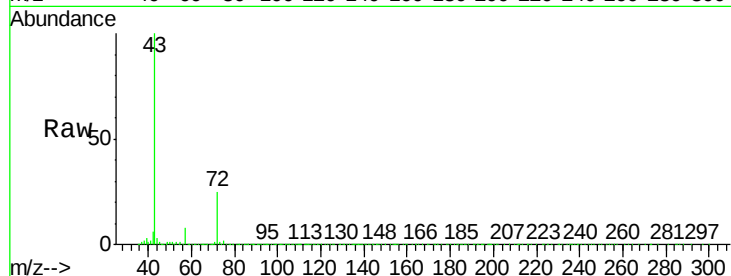
72 24.9 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.726 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014699.D

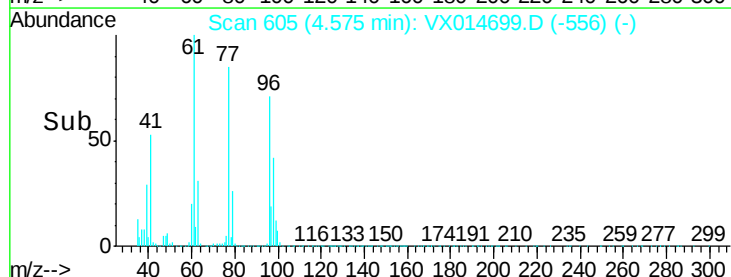
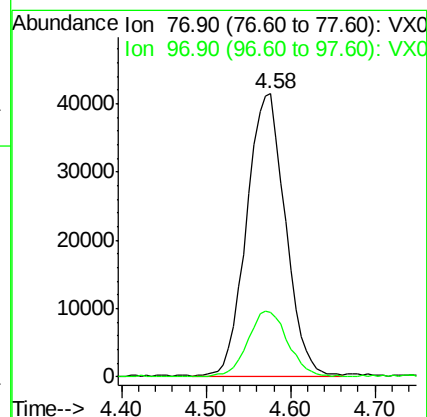
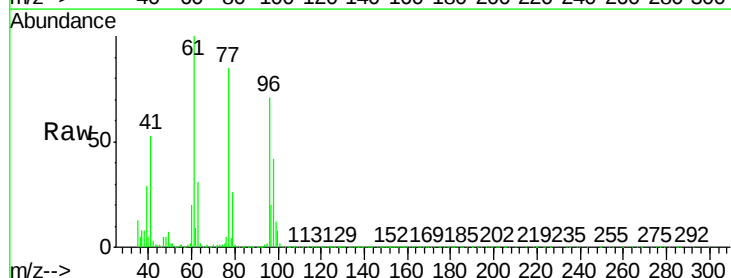
Acq: 24 Jan 2020 16:02

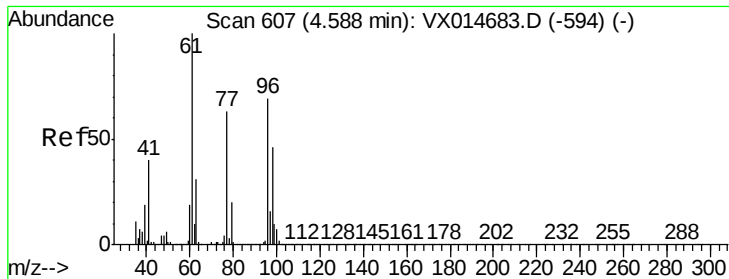
Tgt Ion: 77 Resp: 128960

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3





#27

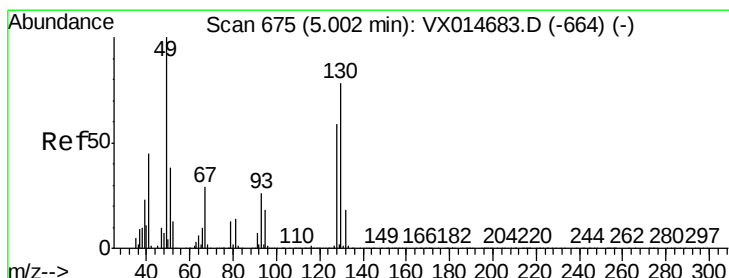
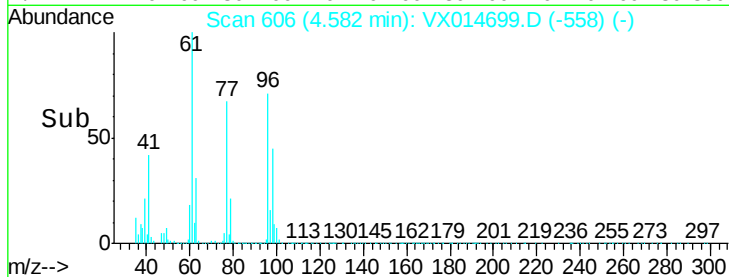
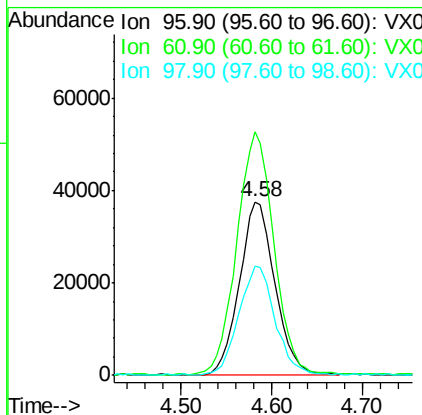
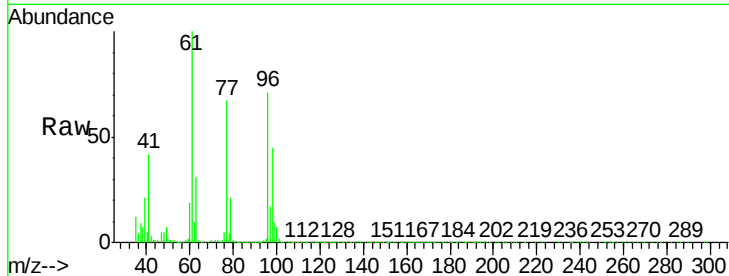
cis-1,2-Dichloroethene
 Concen: 18.545 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	101245		
61	146.5	0.0	291.0	
98	65.0	0.0	129.8	

Manual Integrations
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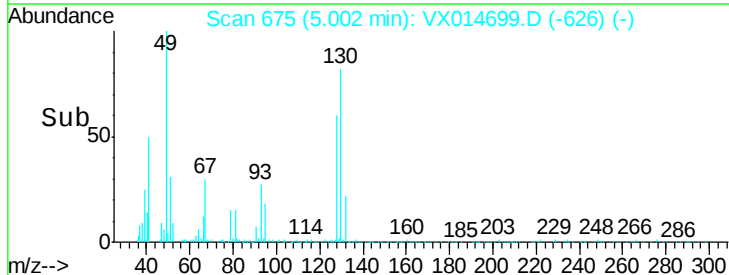
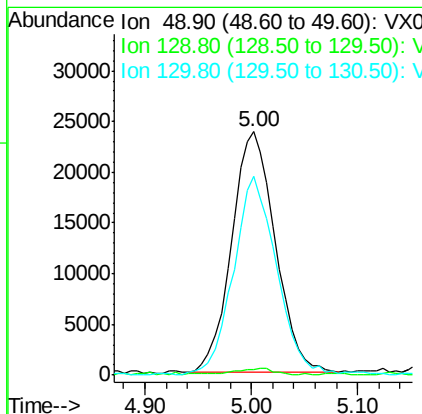
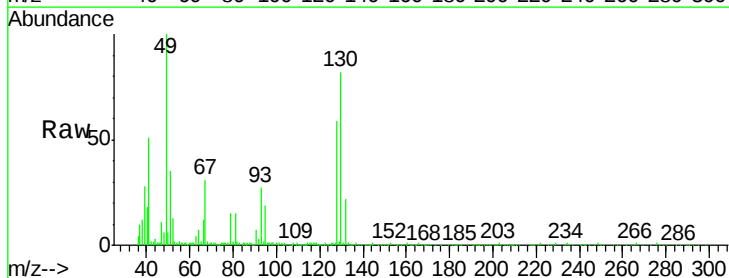
MMDadoda
 1/27/2020 10:35:40 AM

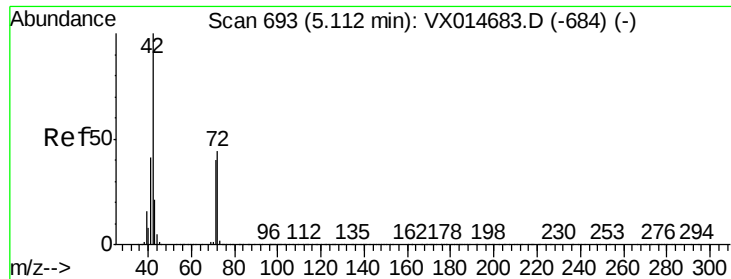


#28

Bromochloromethane
 Concen: 17.972 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67948		
129	2.3	0.0	4.8	
130	81.3	62.4	93.6	





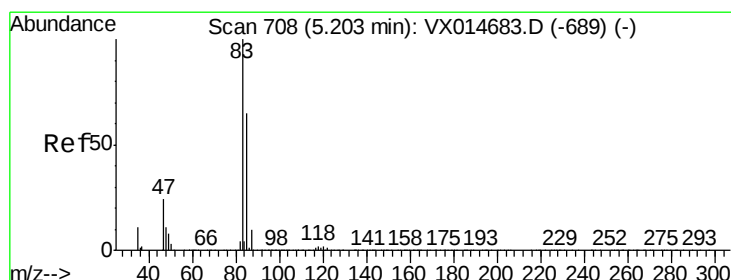
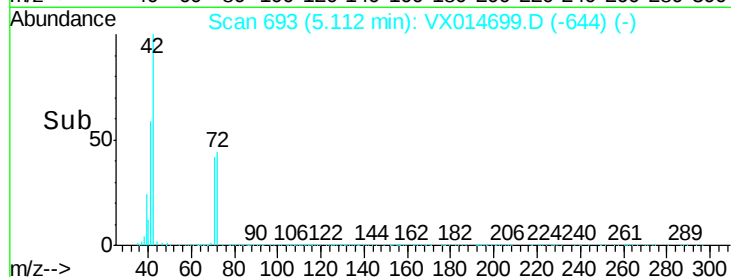
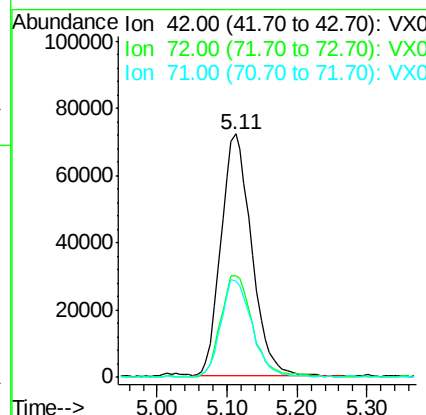
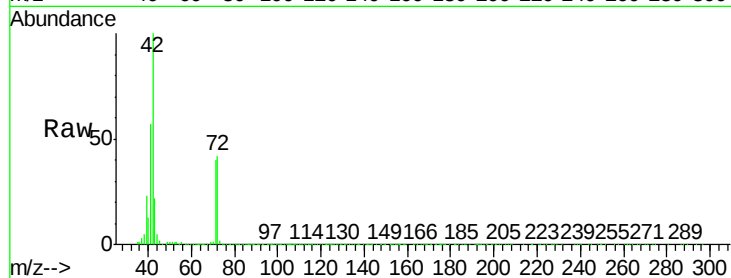
#29
Tetrahydrofuran
Concen: 90.733 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.3	52.9
71	40.5	33.1	49.7

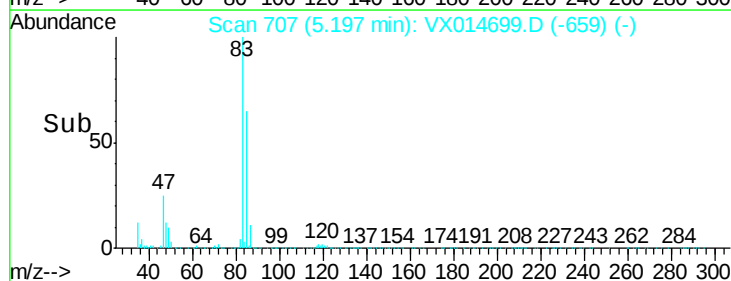
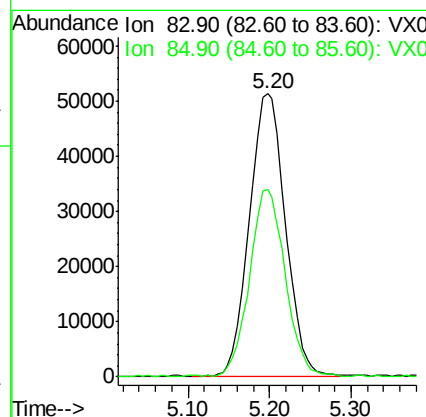
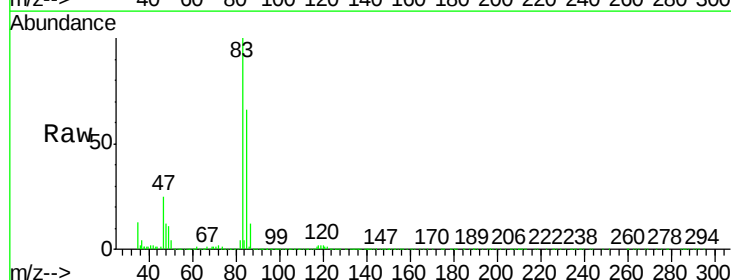
Manual Integrations
APPROVED

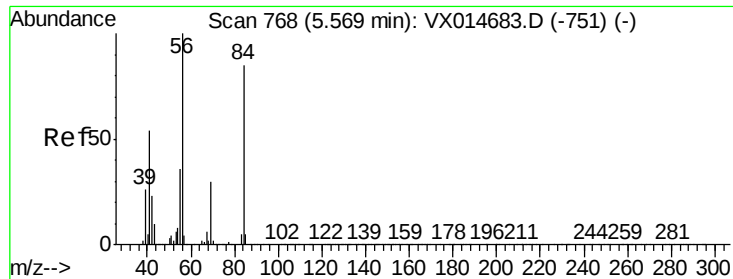
MMDadoda
1/27/2020 10:35:40 AM



#30
Chloroform
Concen: 18.497 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.7	77.5





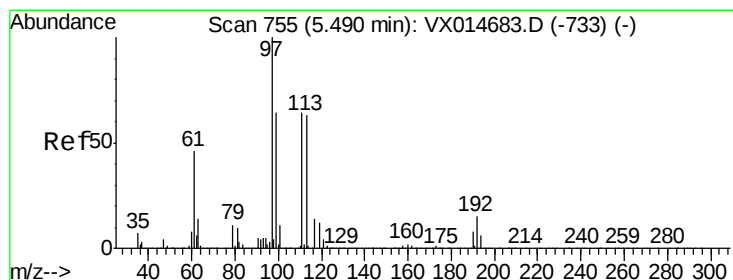
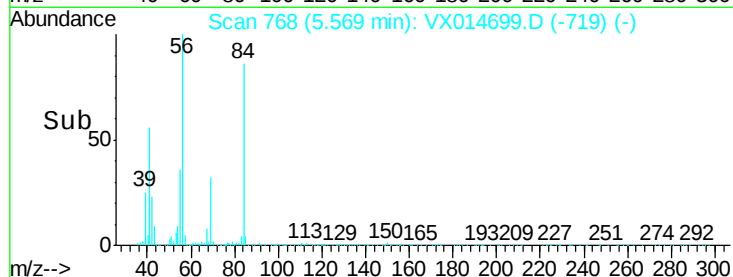
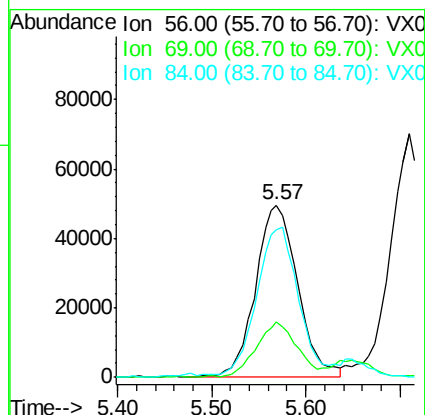
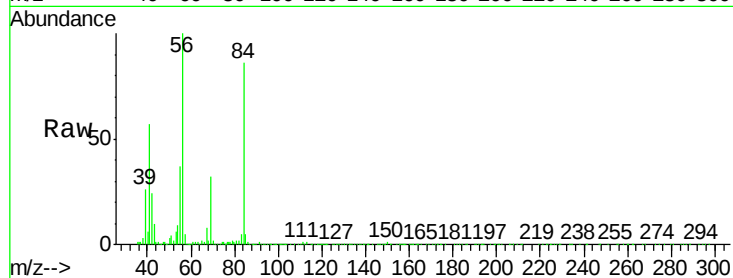
#31
Cvclohexane
Concen: 19.264 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.4	35.2
84	83.6	68.4	102.6

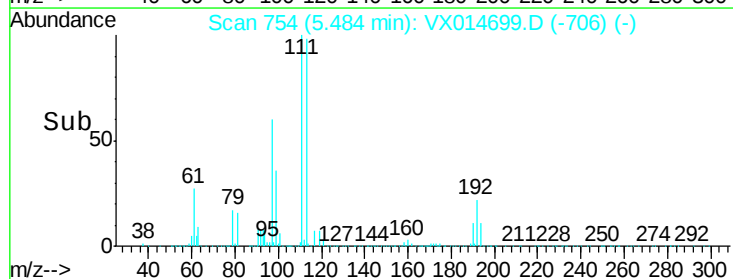
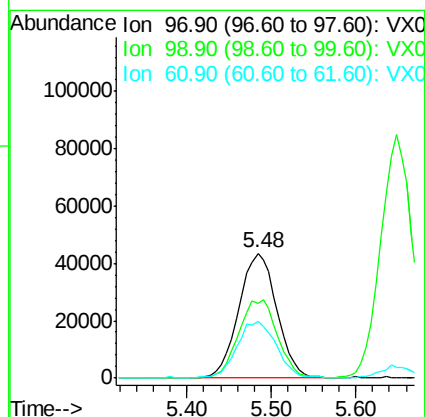
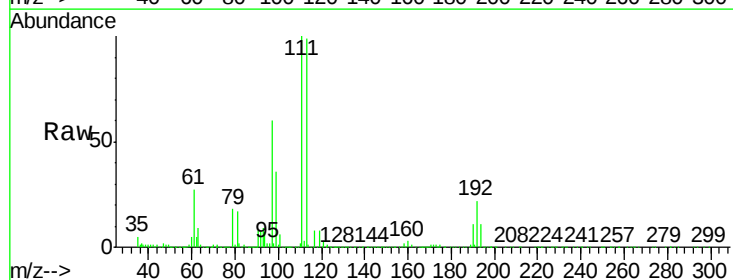
Manual Integrations
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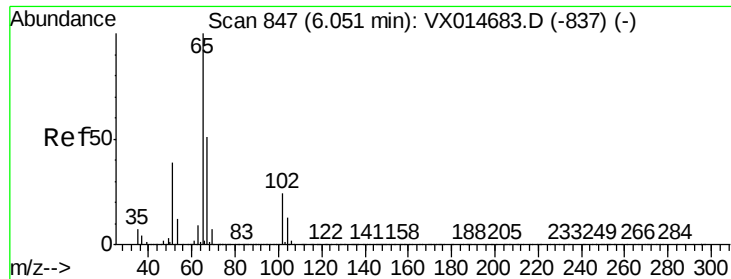
MMDadoda
1/27/2020 10:35:40 AM



#32
1,1,1-Trichloroethane
Concen: 18.363 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	46.5	37.2	55.8





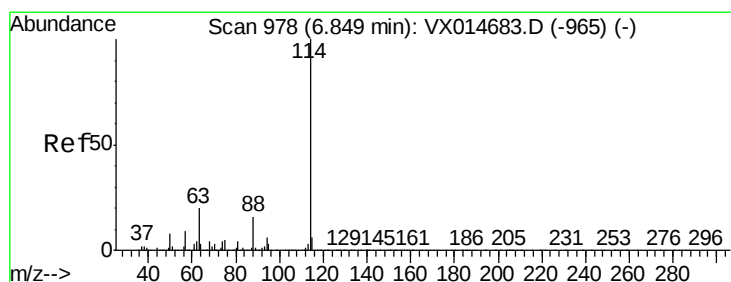
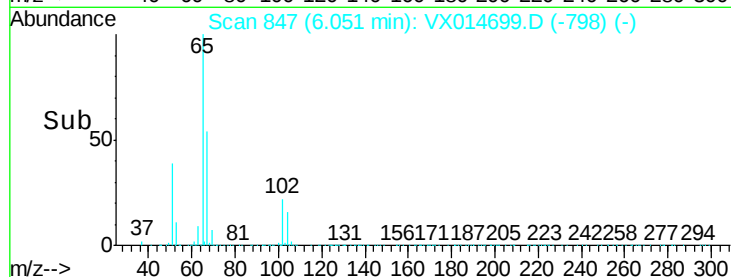
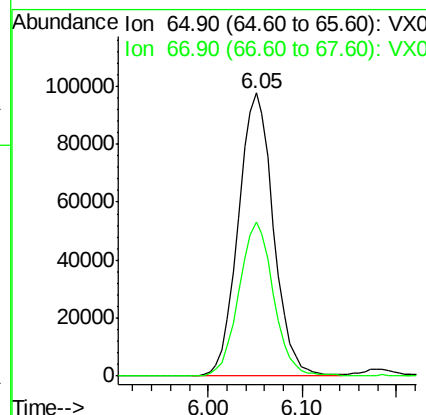
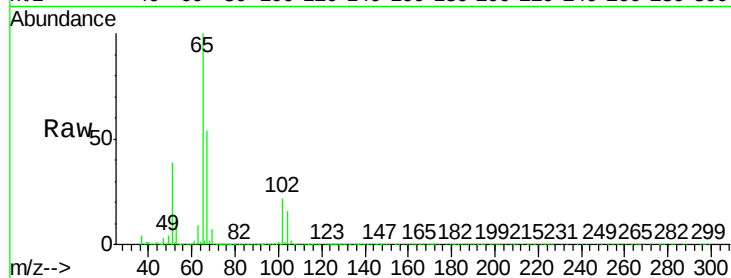
#33
 1,2-Dichloroethane-d4
 Concen: 48.468 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0124WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252240		
67	53.5	0.0	107.4	

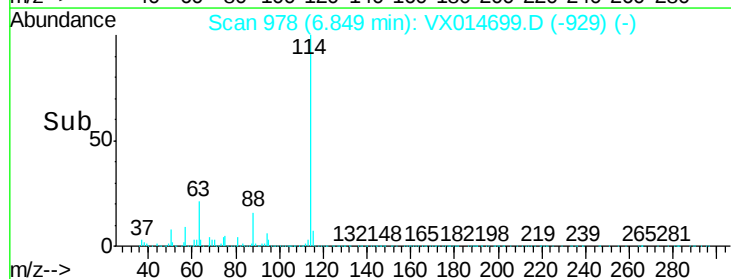
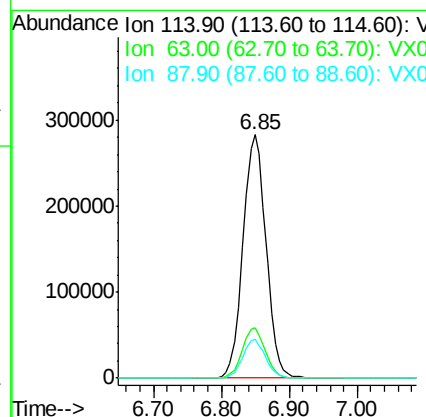
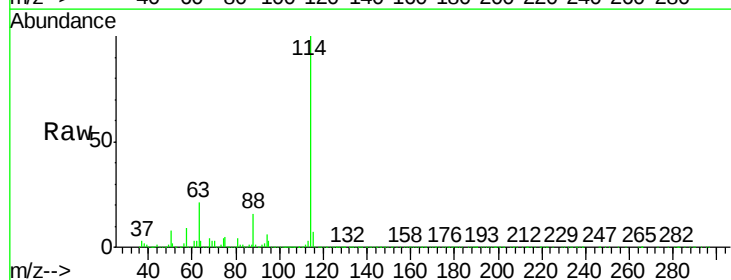
Manual Integrations
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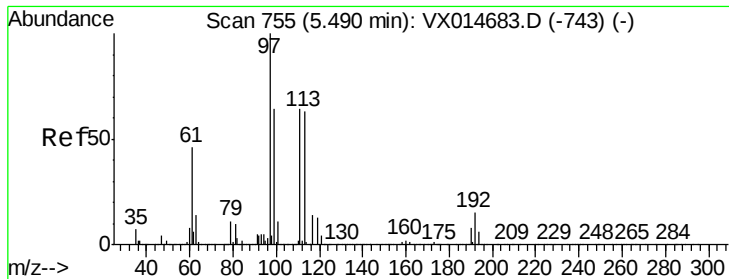
MMDadoda
 1/27/2020 10:35:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	665495		
63	20.6	0.0	40.6	
88	15.8	0.0	31.2	





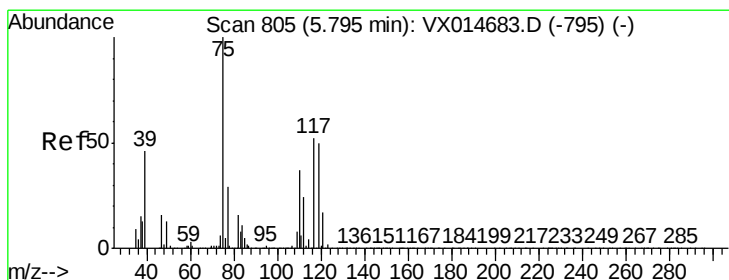
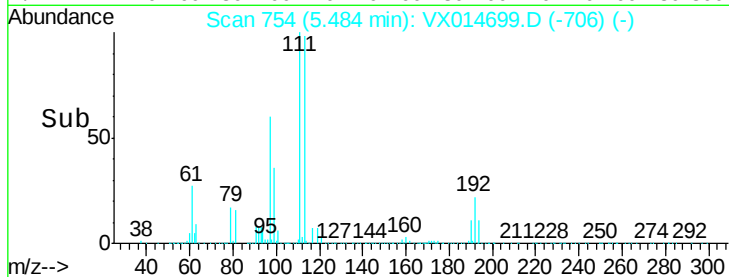
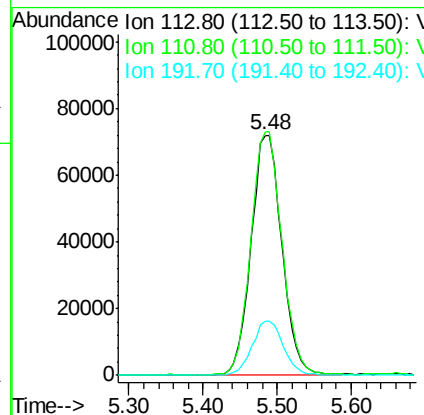
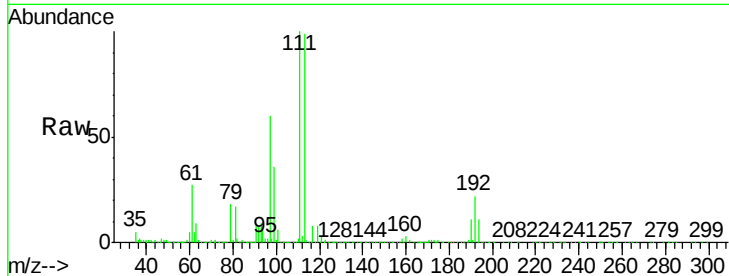
#35
 Dibromofluoromethane
 Concen: 50.003 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	209974		
111	102.0		80.7	121.1
192	23.0		18.5	27.7

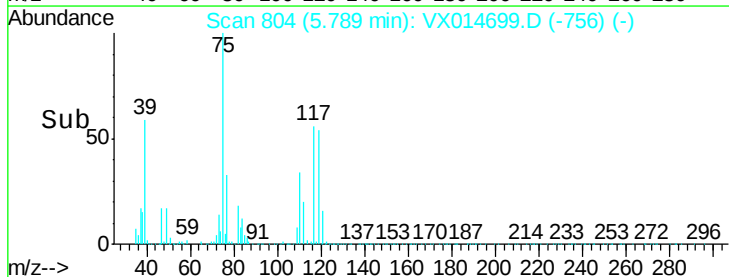
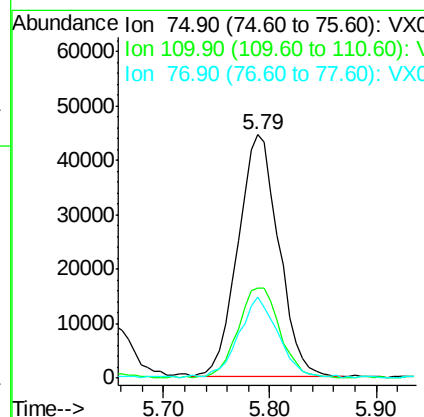
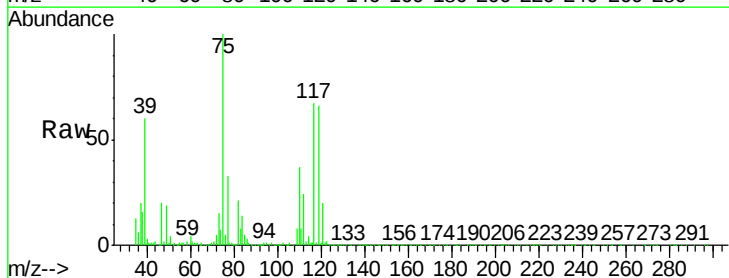
Manual Integrations
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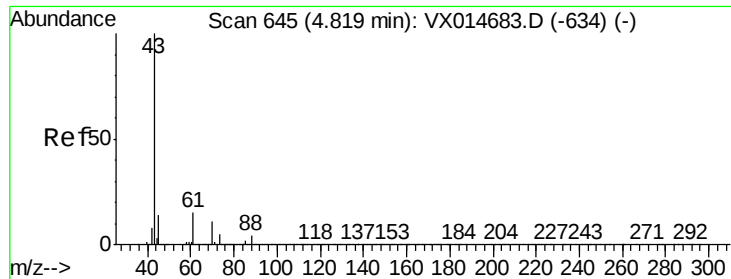
MMDadoda
 1/27/2020 10:35:40 AM



#36
 1,1-Dichloropropene
 Concen: 19.226 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	118888		
110	37.5		17.9	53.7
77	33.3		24.1	36.1





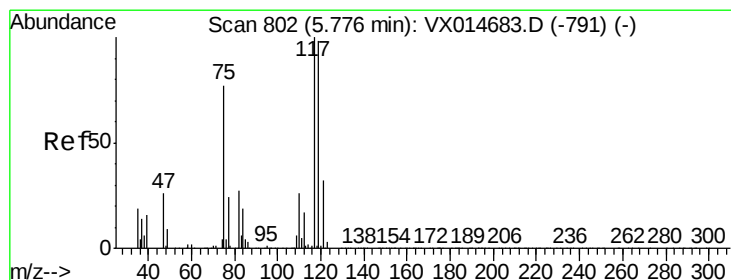
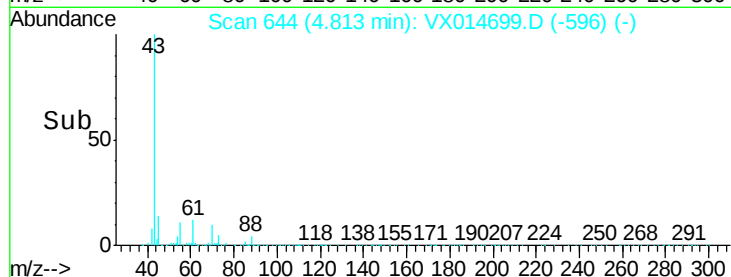
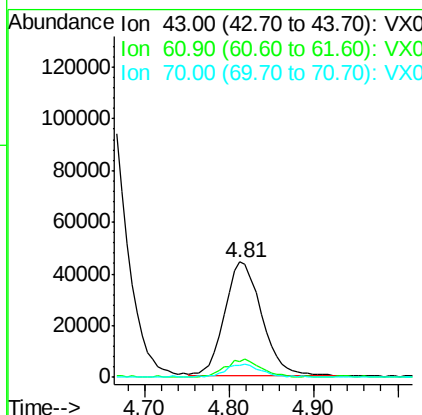
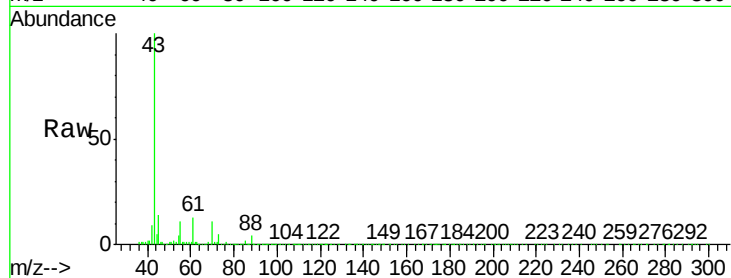
#37
Ethyl Acetate
Concen: 18.623 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.6	8.5	12.7

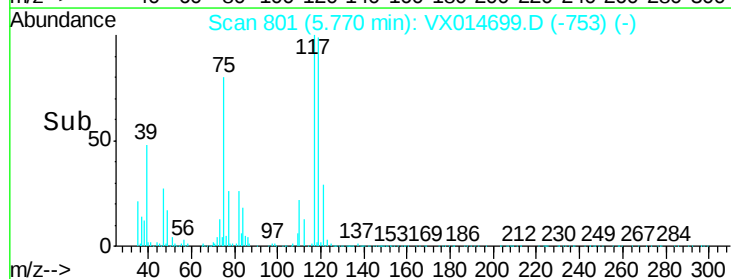
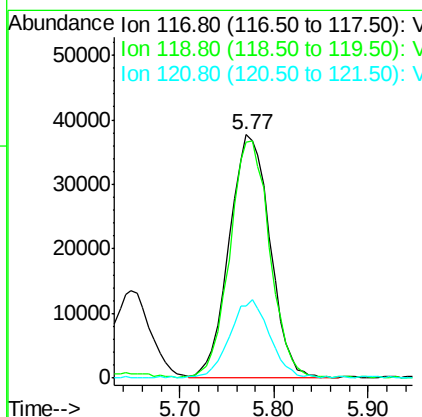
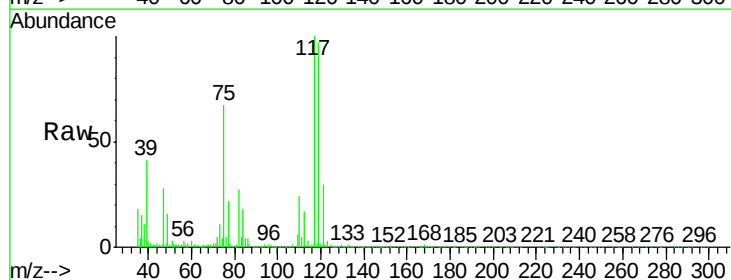
Manual Integrations
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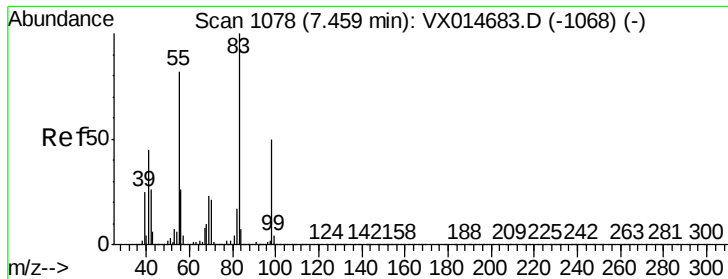
MMDadoda
1/27/2020 10:35:40 AM



#38
Carbon Tetrachloride
Concen: 19.177 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.9	116.9
121	29.2	25.4	38.2





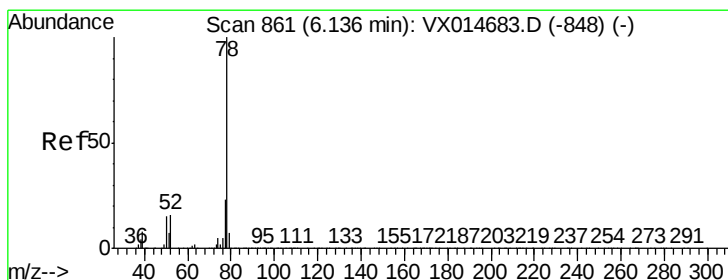
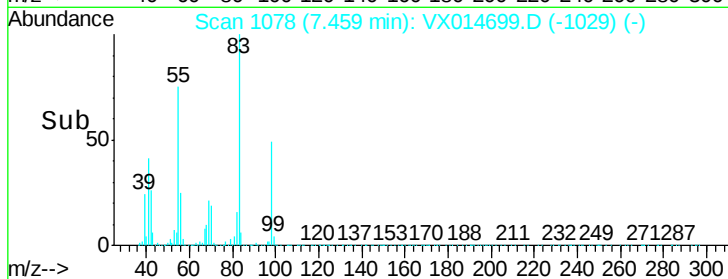
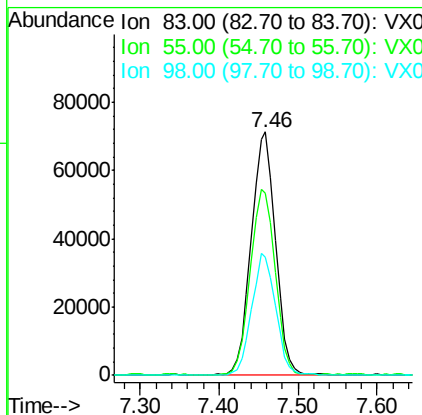
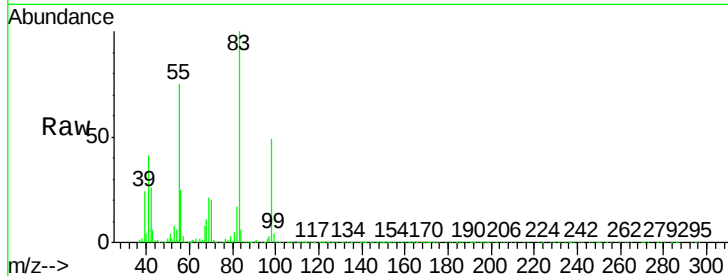
#39
Methvlcvclohexane
Concen: 19.777 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	65.6	98.4
98	48.5	40.2	60.4

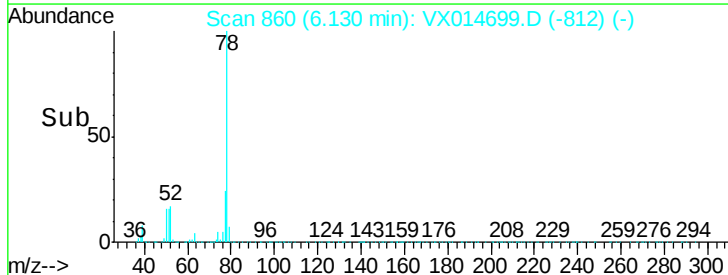
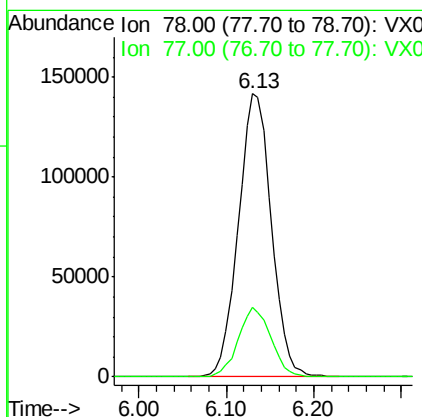
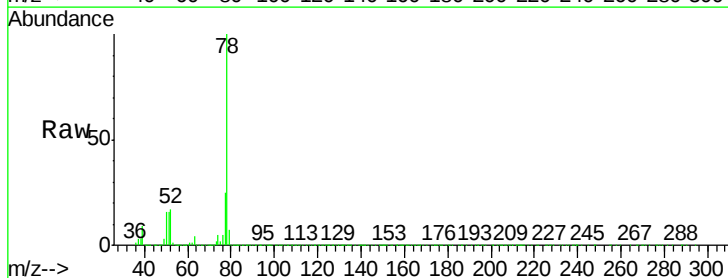
Manual Integrations
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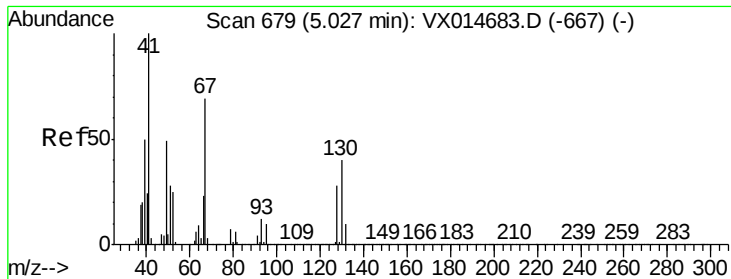
MMDadoda
1/27/2020 10:35:40 AM



#40
Benzene
Concen: 19.332 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





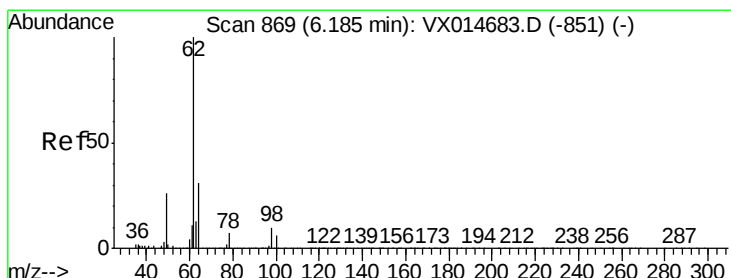
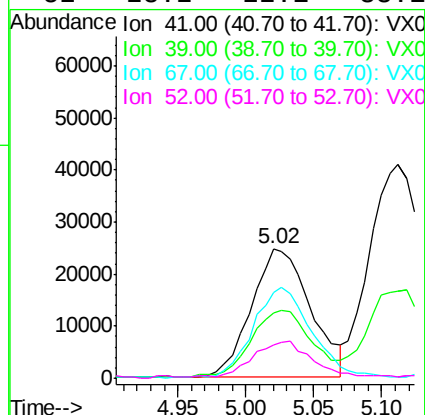
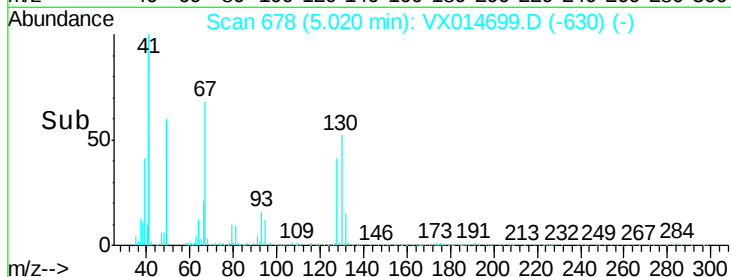
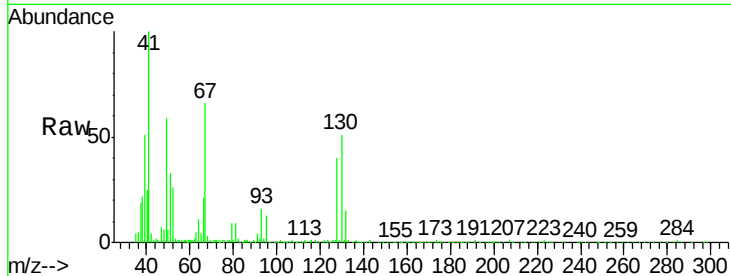
#41
Methacrylonitrile
Concen: 18.350 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	42.2	63.2	
67	71.3	55.4	83.0	
52	28.2	22.1	33.1	

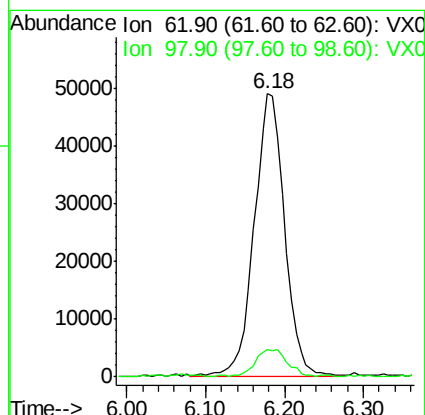
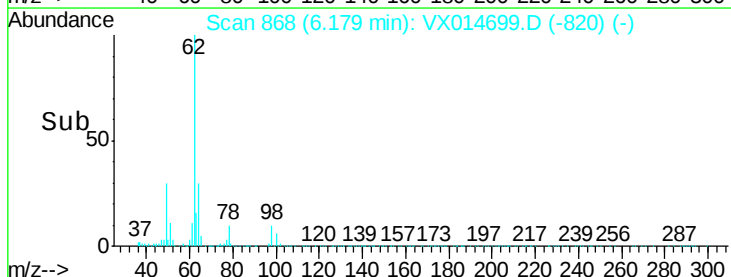
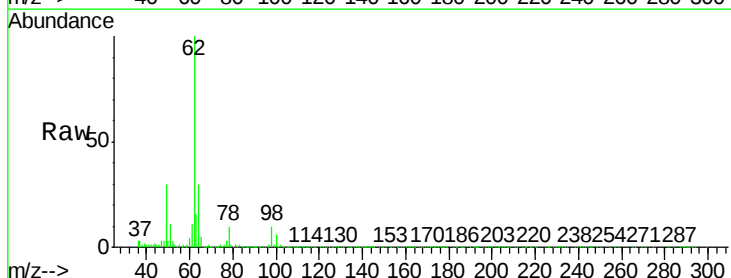
Manual Integrations
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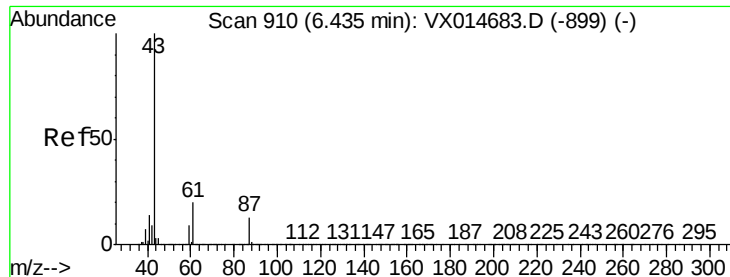
MMDadoda
1/27/2020 10:35:40 AM



#42
1,2-Dichloroethane
Concen: 19.833 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.0	





#43

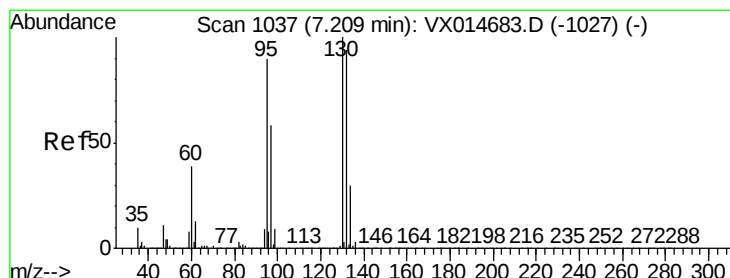
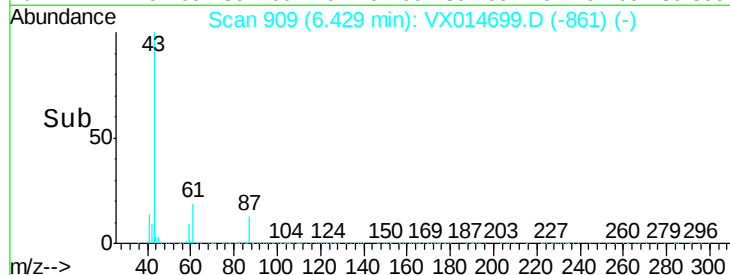
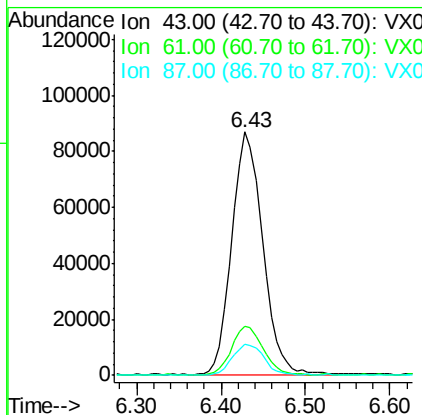
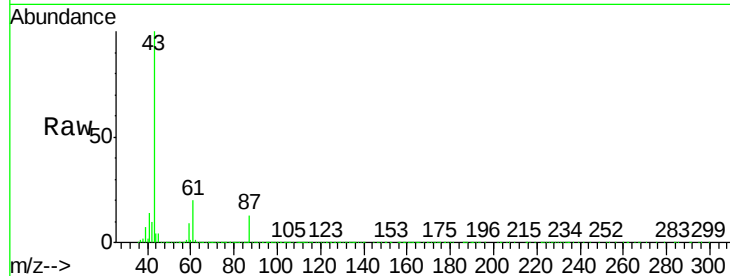
Isopropyl Acetate
 Concen: 18.676 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.2	24.4
87	13.3	10.5	15.7

Manual Integrations
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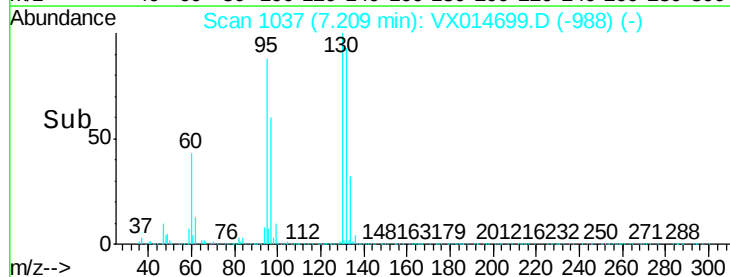
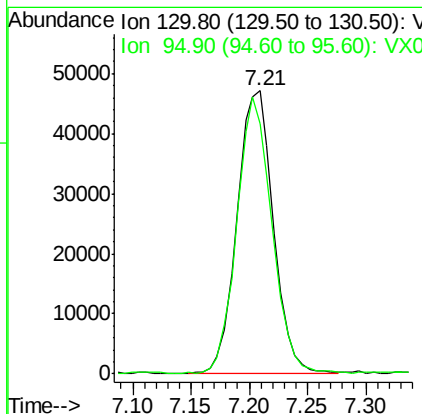
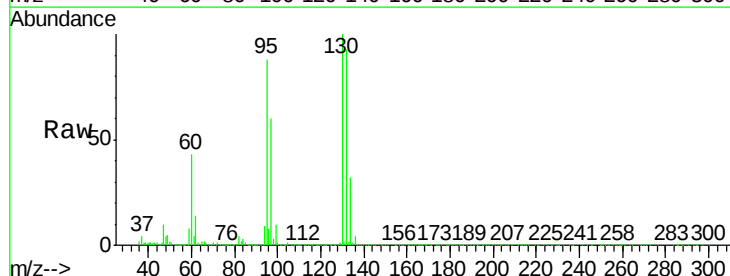
MMDadoda
 1/27/2020 10:35:40 AM

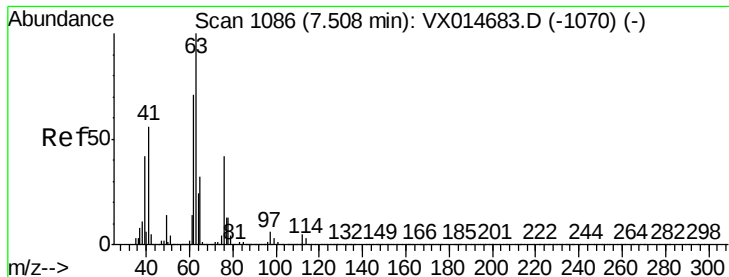


#44

Trichloroethene
 Concen: 18.942 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.620 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS02

Tot Ion: 63 Resp: 96576

Ion Ratio Lower Upper

63 100

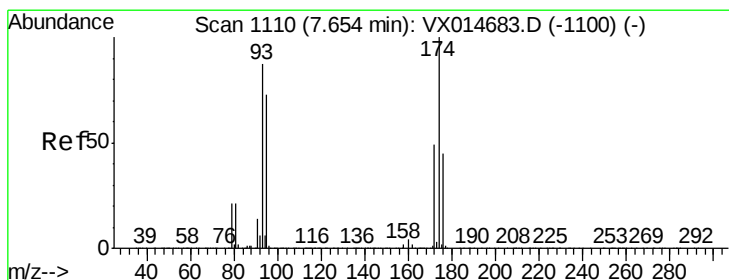
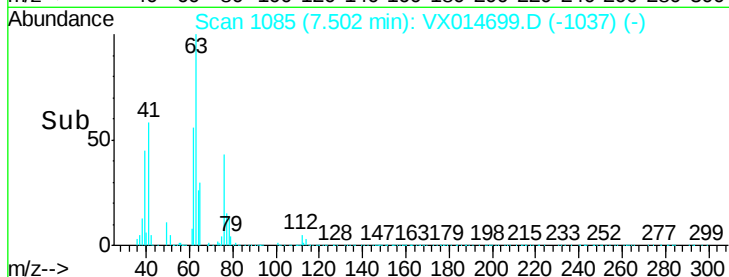
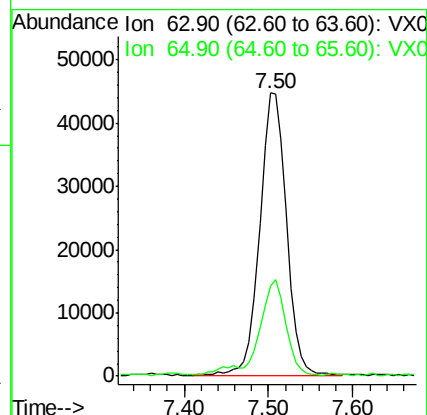
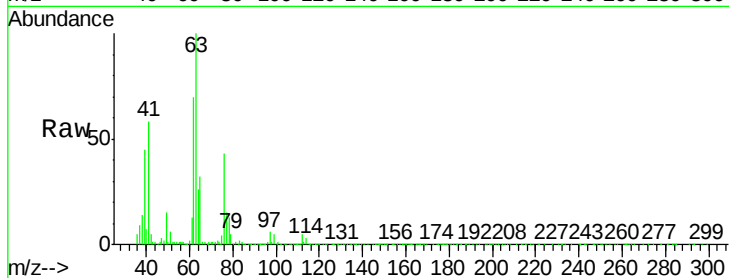
65 31.6 25.2 37.8

Manual Integrations

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MMDadoda

1/27/2020 10:35:40 AM



#46

Dibromomethane

Concen: 19.921 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

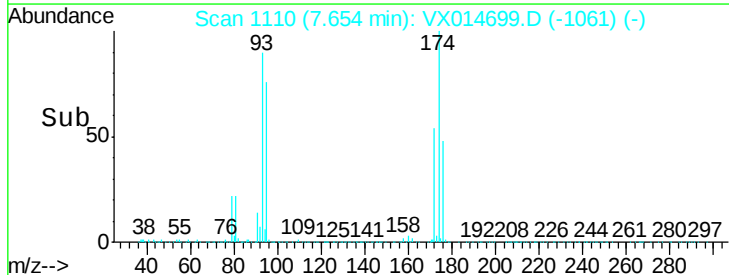
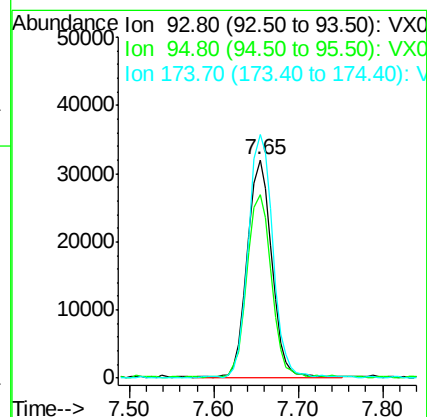
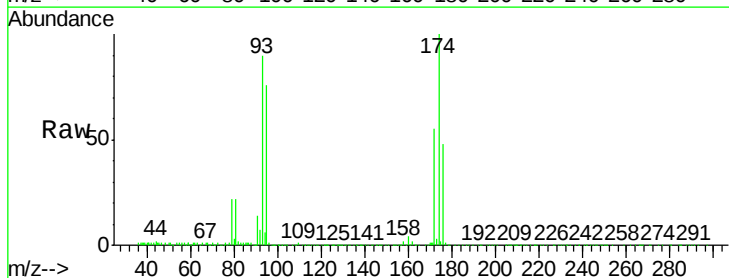
Tgt Ion: 93 Resp: 63507

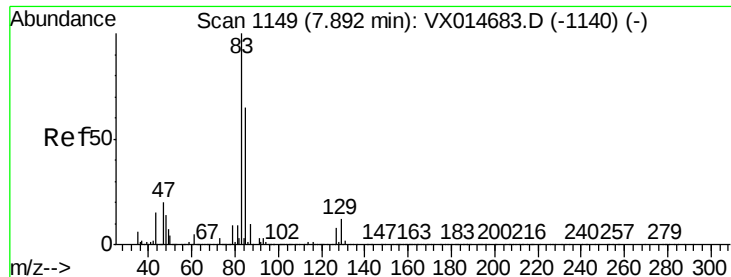
Ion Ratio Lower Upper

93 100

95 81.9 67.0 100.4

174 110.3 90.2 135.2





#47

Bromodichloromethane

Concen: 18.736 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

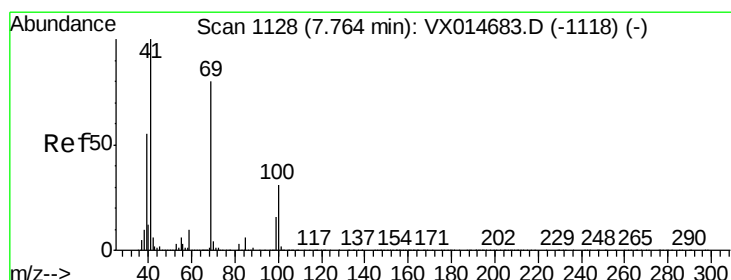
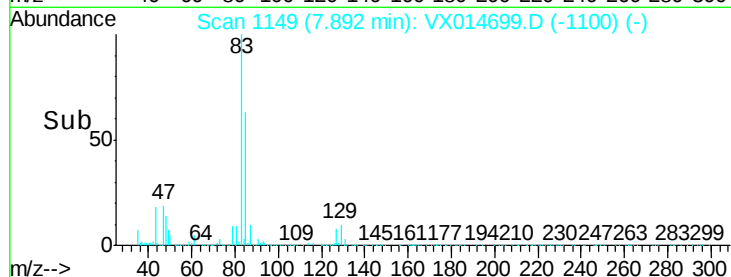
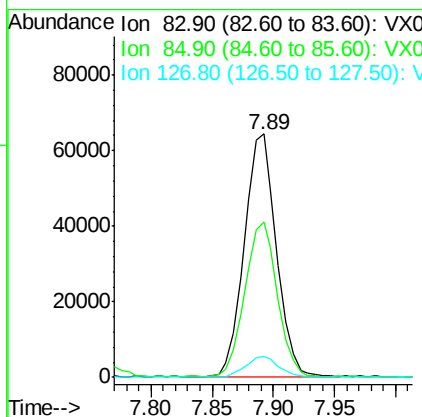
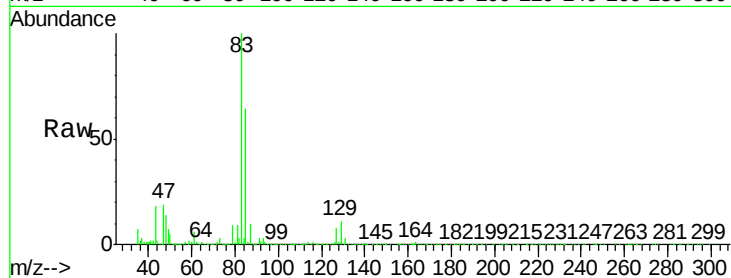
ClientSampleId :

VX0124WBS02

Tot Ion:	83	Resp:	117146
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.2	78.2
127	8.3	6.4	9.6

Manual Integrations
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MMDadoda
1/27/2020 10:35:40 AM



#48

Methyl methacrylate

Concen: 18.771 ug/l

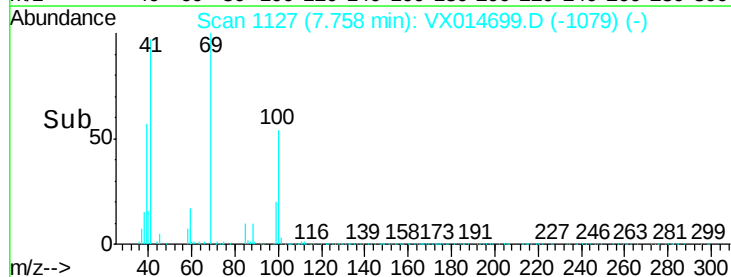
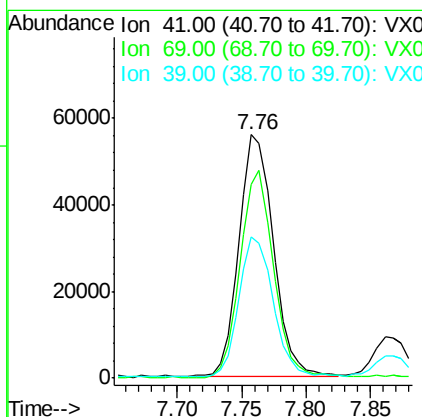
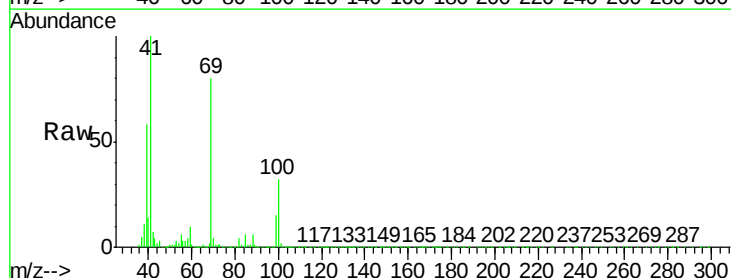
RT: 7.76 min Scan# 1127

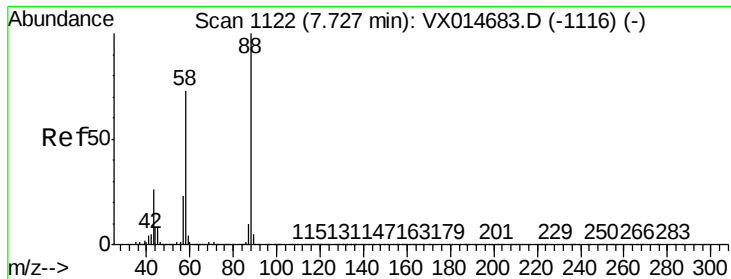
Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion:	41	Resp:	104016
Ion	Ratio	Lower	Upper
41	100		
69	82.6	63.5	95.3
39	57.8	43.7	65.5





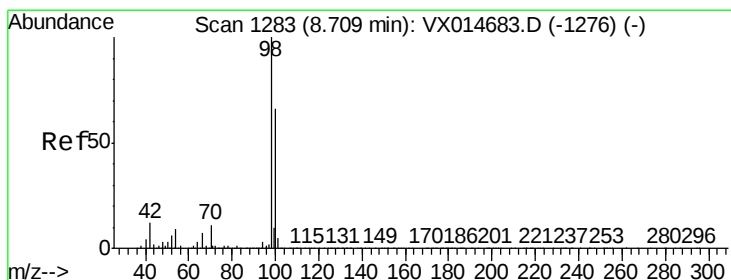
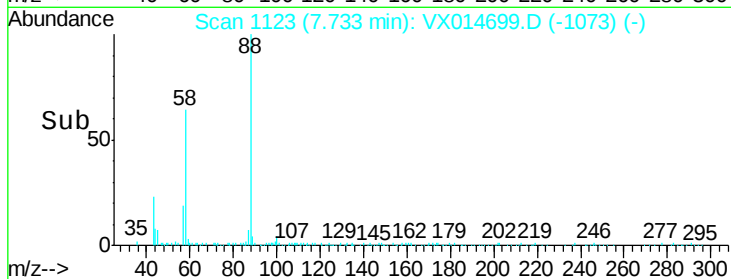
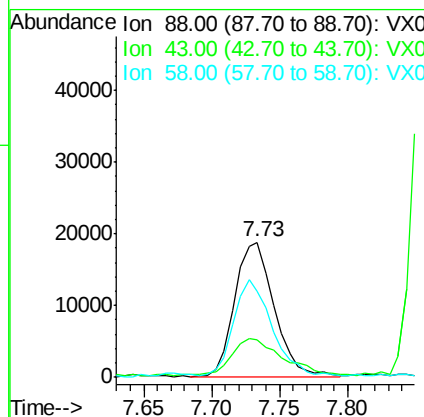
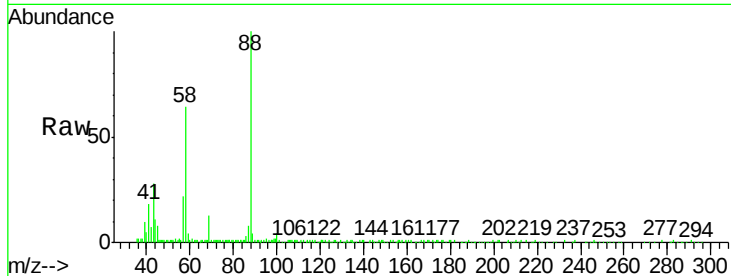
#49
1,4-Dioxane
Concen: 323.288 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampled :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	26.2	39.2
58	70.4	56.6	85.0

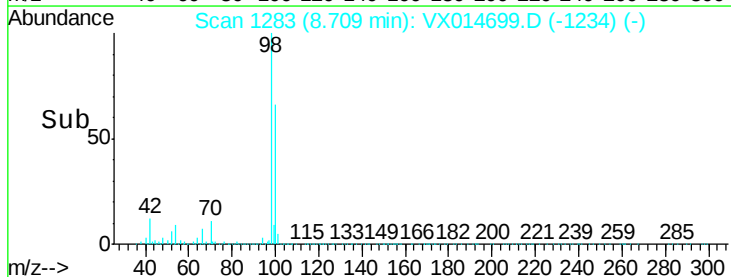
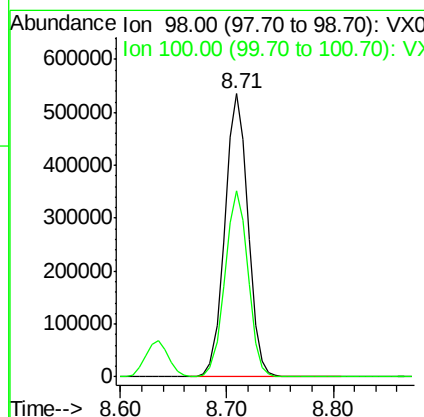
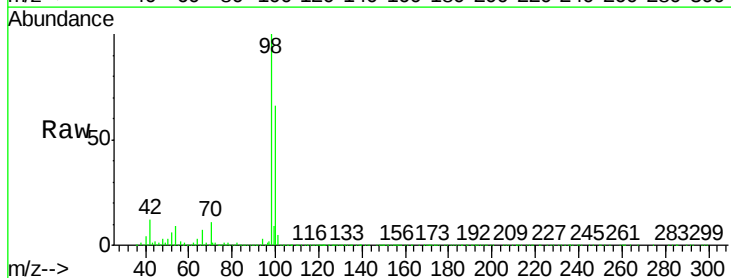
Manual Integrations
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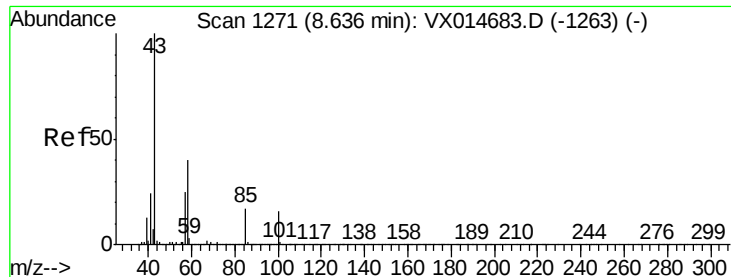
MMDadoda
1/27/2020 10:35:40 AM



#50
Toluene-d8
Concen: 50.312 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 92.607 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS02

Tot Ion: 43 Resp: 677885

Ion Ratio Lower Upper

43 100

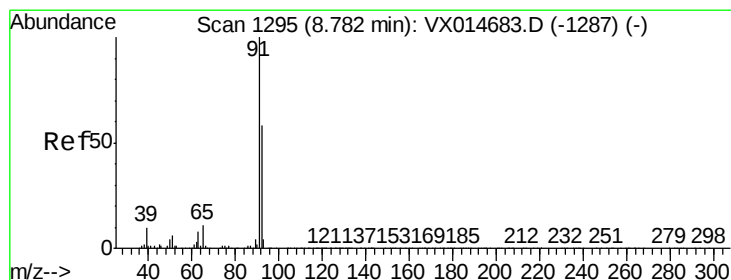
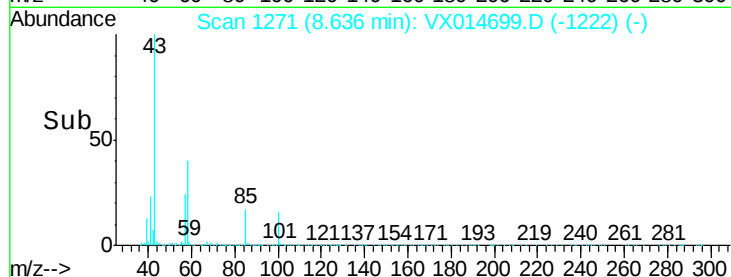
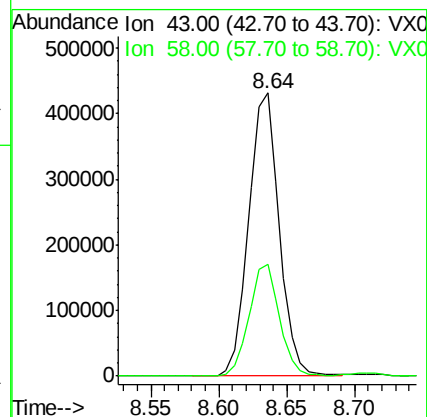
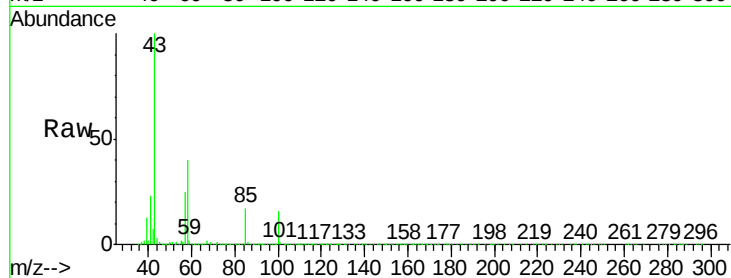
58 38.9 31.6 47.4

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1/27/2020 10:35:40 AM



#52

Toluene

Concen: 19.679 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014699.D

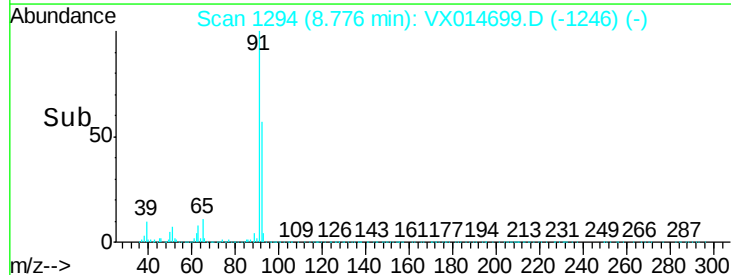
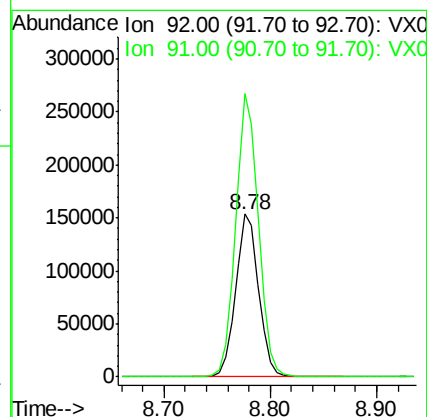
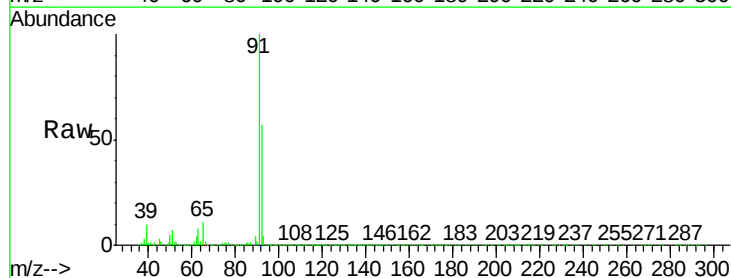
Acq: 24 Jan 2020 16:02

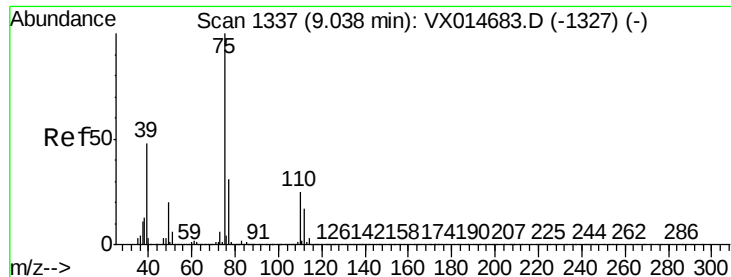
Tgt Ion: 92 Resp: 231125

Ion Ratio Lower Upper

92 100

91 172.5 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.352 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS02

Tot Ion: 75 Resp: 130286

Ion Ratio Lower Upper

75 100

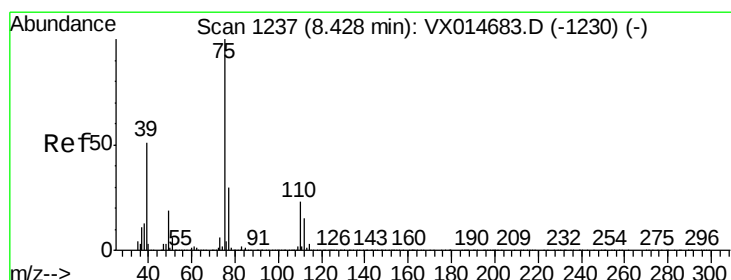
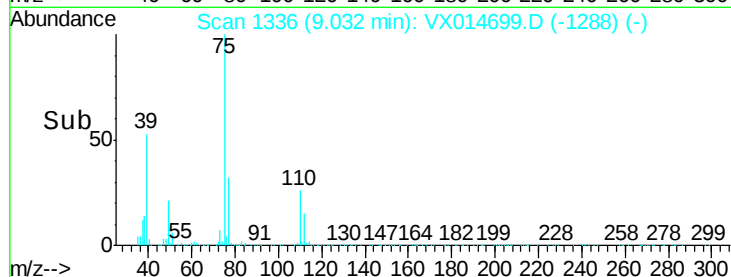
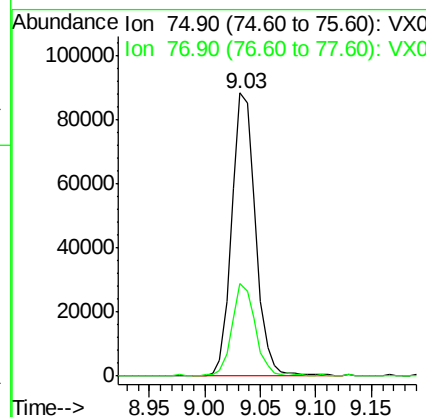
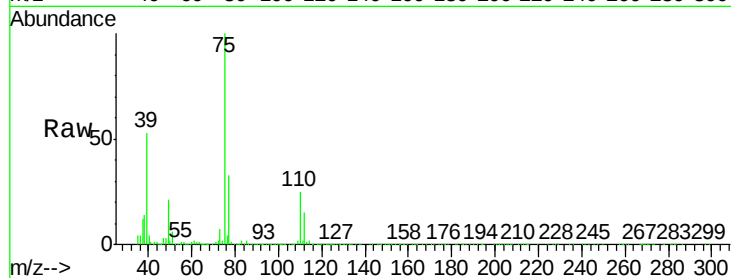
77 32.3 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 19.899 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

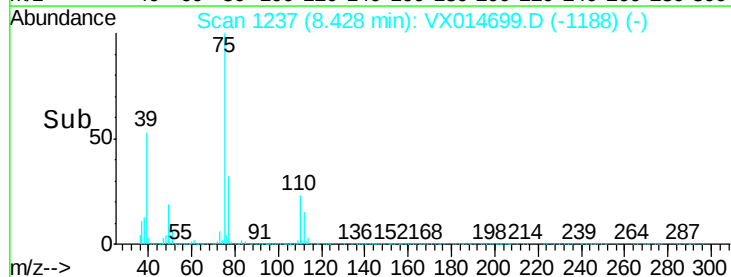
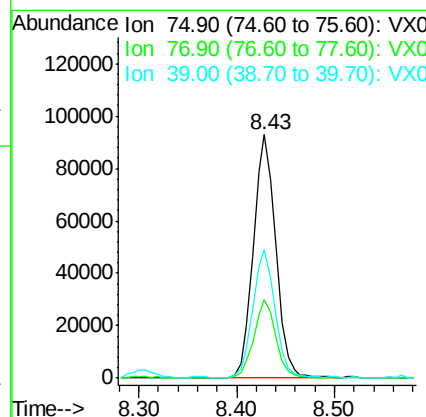
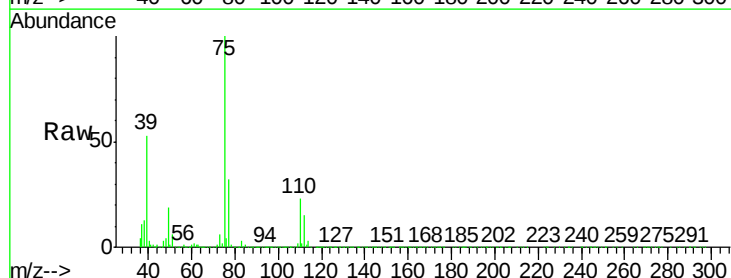
Tgt Ion: 75 Resp: 147379

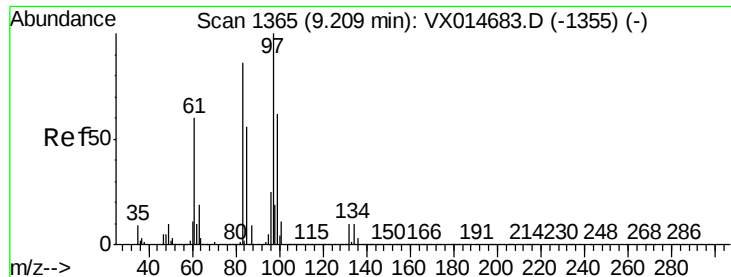
Ion Ratio Lower Upper

75 100

77 32.4 23.9 35.9

39 52.5 40.9 61.3





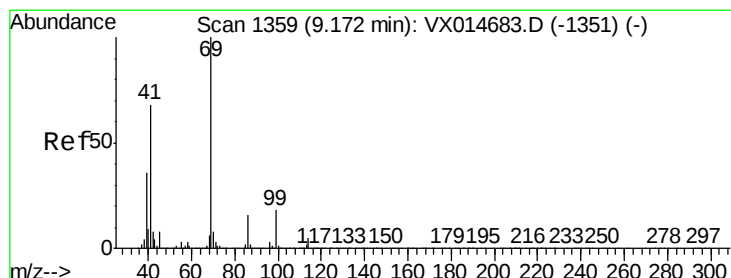
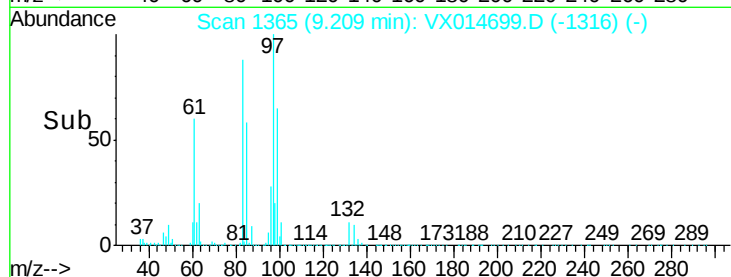
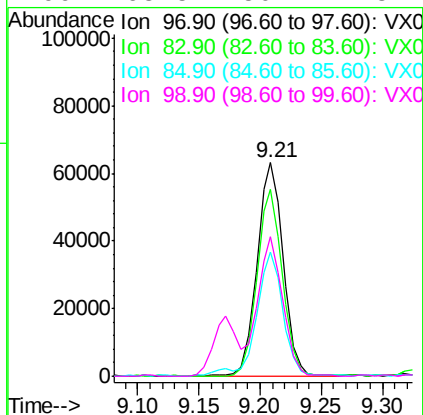
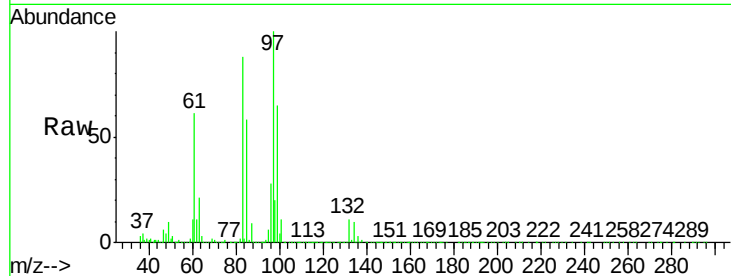
#55
 1,1,2-Trichloroethane
 Concen: 19.522 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		93875		
83	87.5	69.2	103.8		
85	57.9	44.6	67.0		
99	65.5	50.1	75.1		

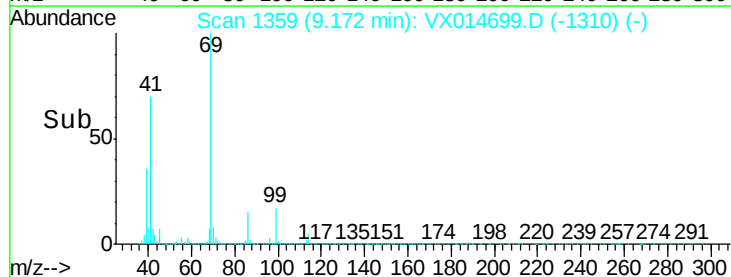
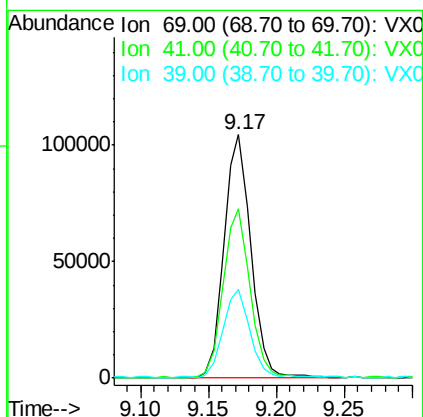
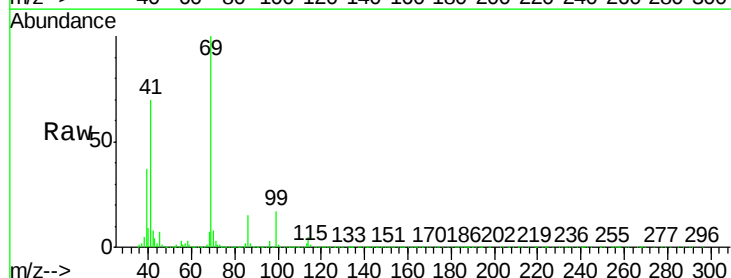
Manual Integrations
 APPROVED

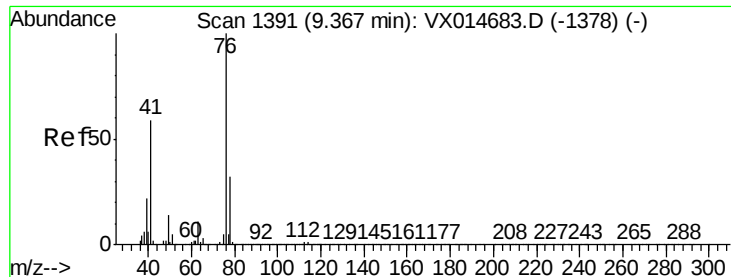
MMDadoda
 1/27/2020 10:35:40 AM



#56
 Ethyl methacrylate
 Concen: 18.675 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		142791		
41	68.9	54.9	82.3		
39	36.5	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 19.653 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS02

Tot Ion: 76 Resp: 161555

Ion Ratio Lower Upper

76 100

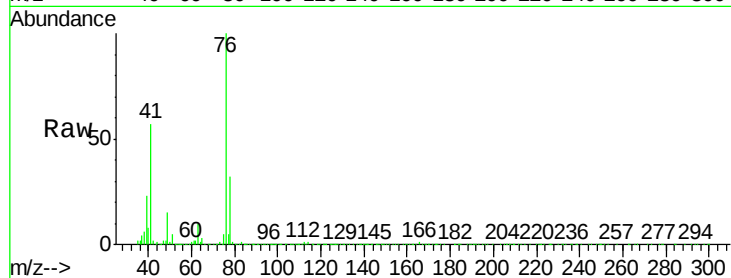
78 32.6 26.0 39.0

Manual Integrations

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MMDadoda

1/27/2020 10:35:40 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

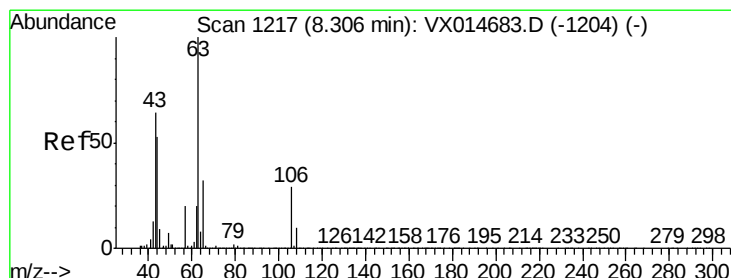
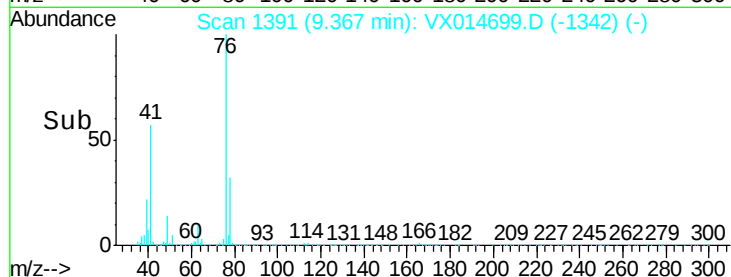
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 92.210 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014699.D

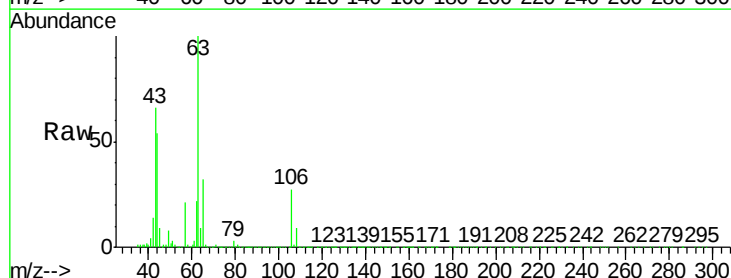
Acq: 24 Jan 2020 16:02

Tgt Ion: 63 Resp: 222991

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

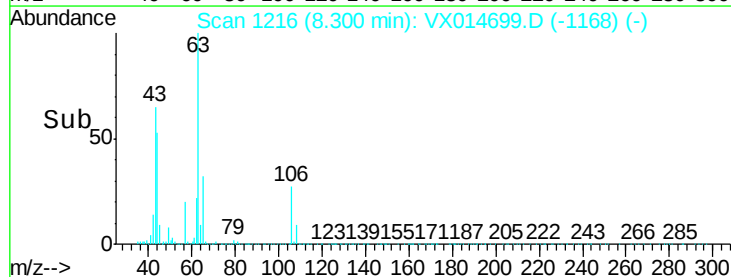
100000

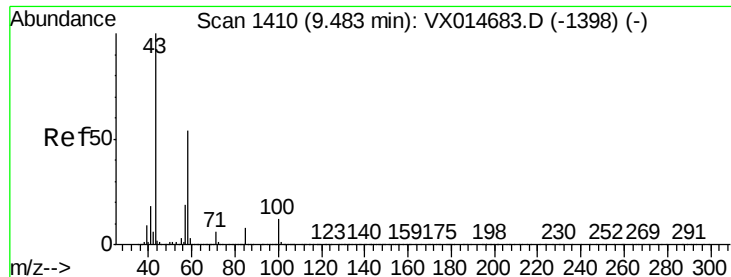
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->





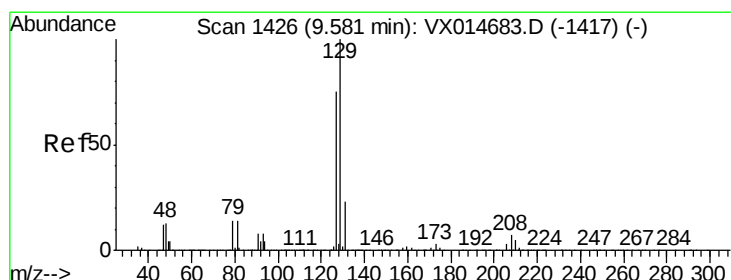
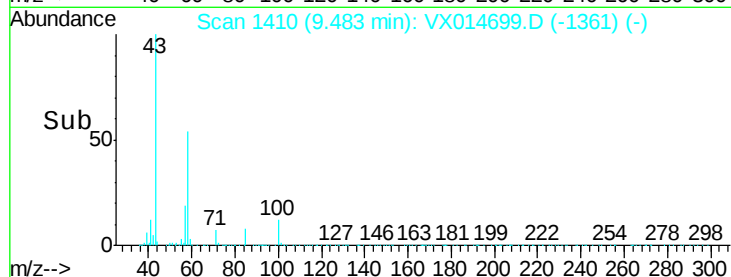
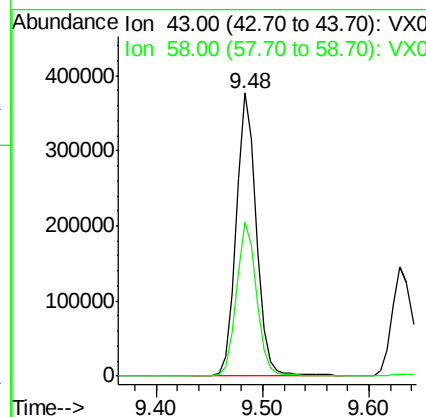
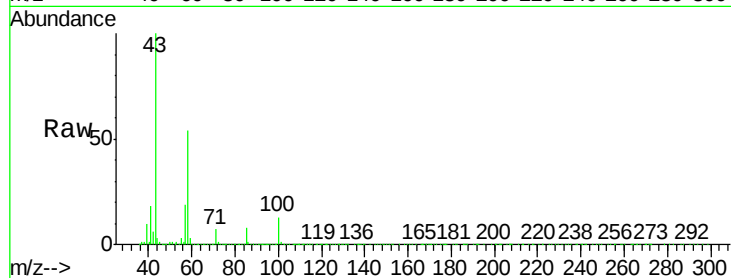
#59
2-Hexanone
Concen: 88.150 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion: 43 Resp: 500713
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5

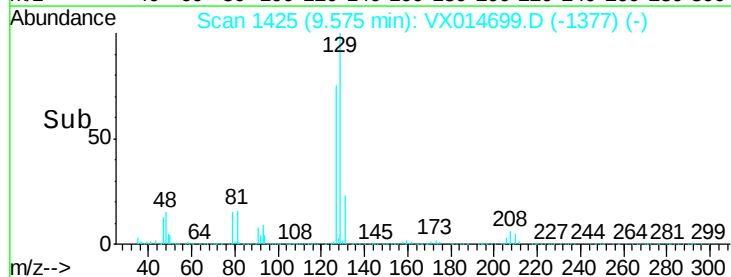
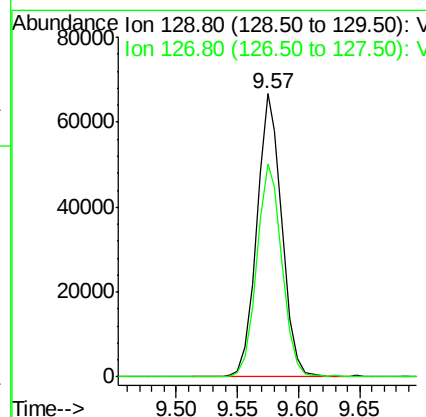
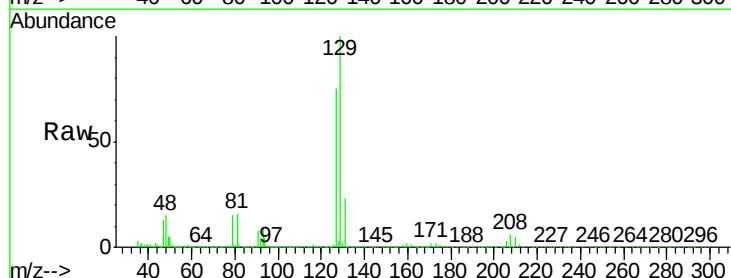
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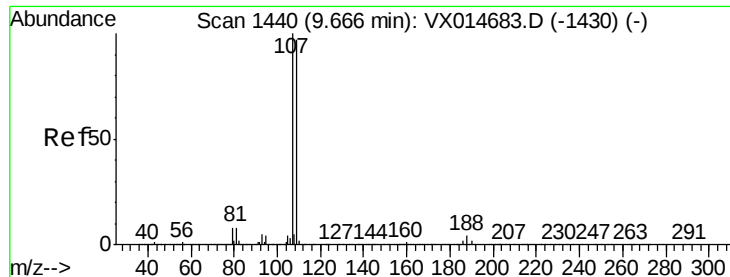
MMDadoda
1/27/2020 10:35:40 AM



#60
Dibromochloromethane
Concen: 18.971 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion: 129 Resp: 95220
Ion Ratio Lower Upper
129 100
127 75.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.520 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS02

Tot Ion:107 Resp: 99241

Ion Ratio Lower Upper

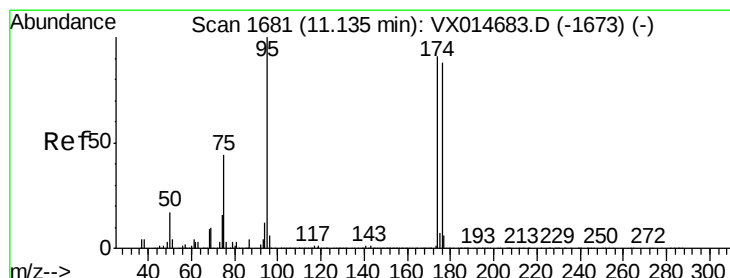
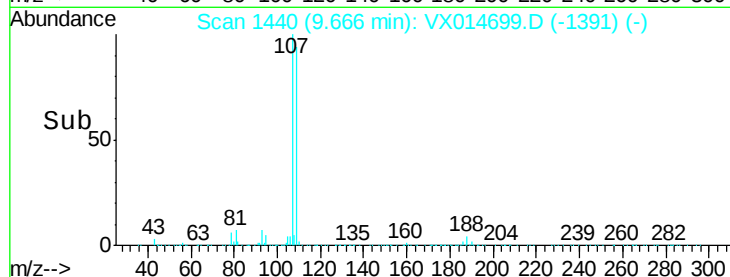
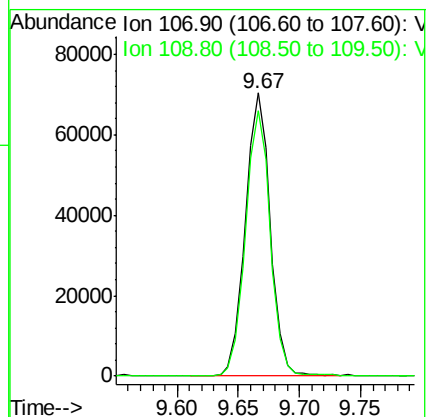
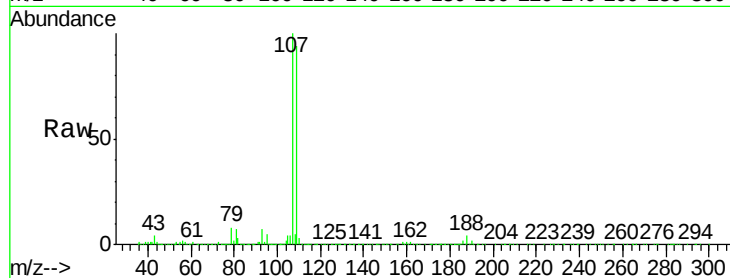
107 100

109 93.7 76.2 114.2

Manual Integrations
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MMDadoda

1/27/2020 10:35:40 AM



#62

4-Bromofluorobenzene

Concen: 50.609 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

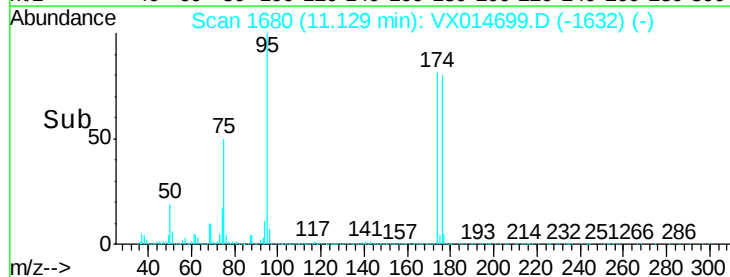
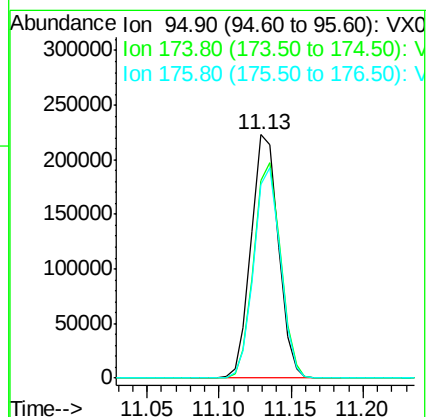
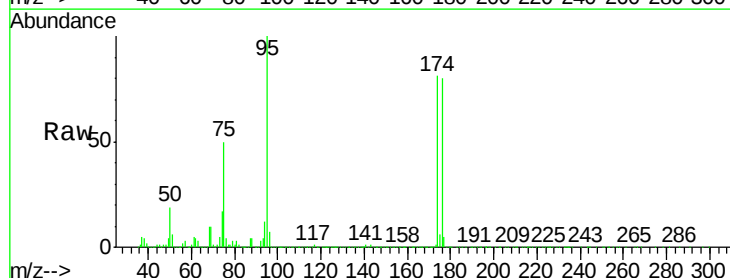
Tgt Ion: 95 Resp: 291036

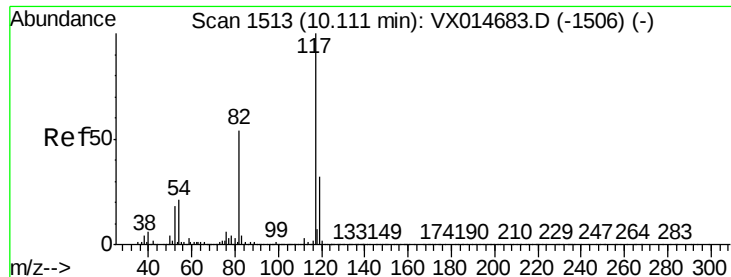
Ion Ratio Lower Upper

95 100

174 87.1 0.0 176.0

176 84.9 0.0 172.2





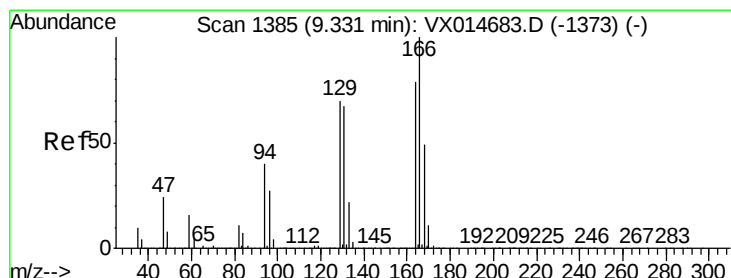
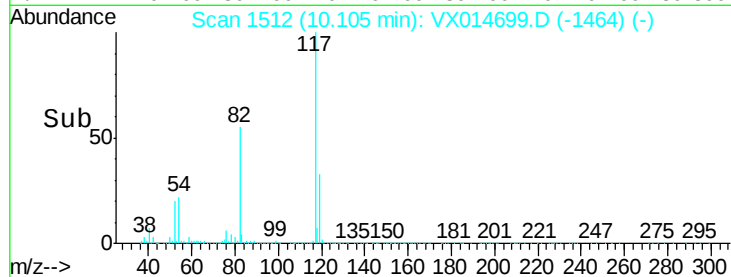
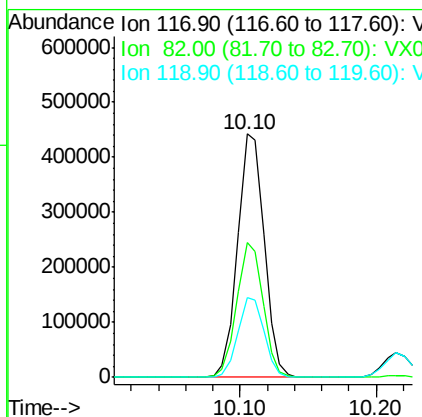
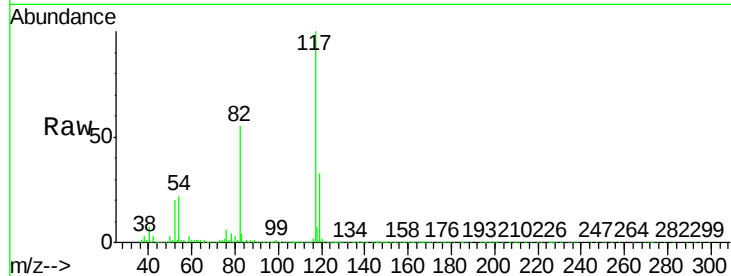
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.2	64.8
119	32.8	25.8	38.6

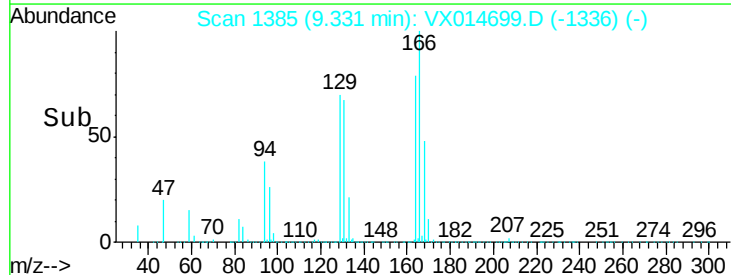
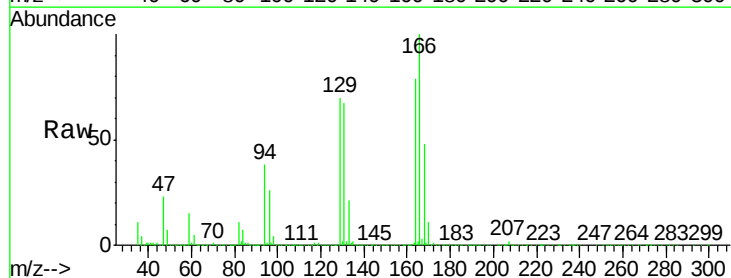
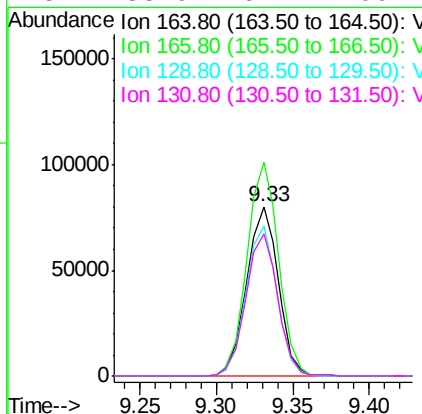
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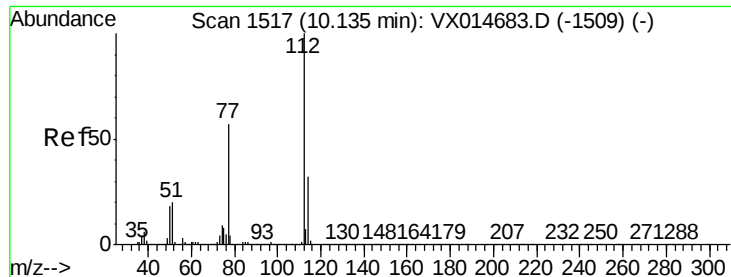
MMDadoda
1/27/2020 10:35:40 AM



#64
Tetrachloroethene
Concen: 19.313 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.9	151.3
129	88.0	71.0	106.6
131	83.9	67.1	100.7





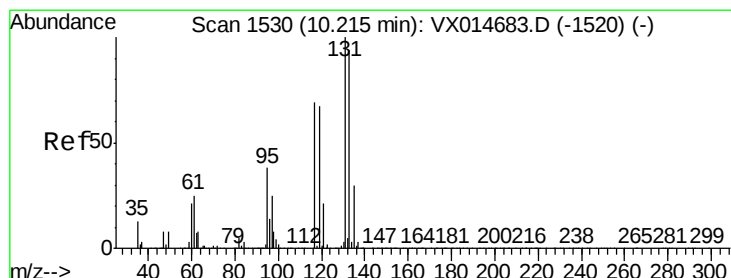
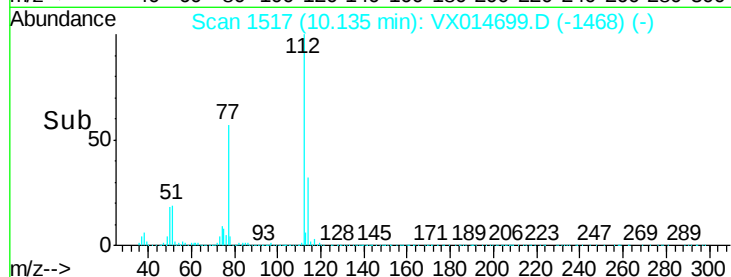
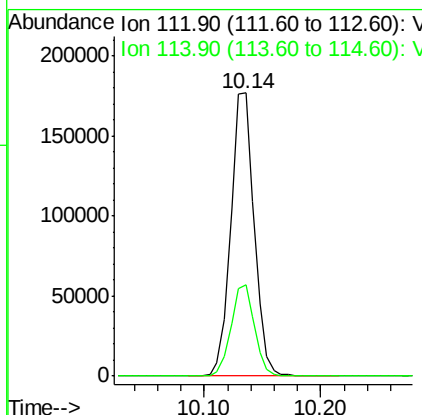
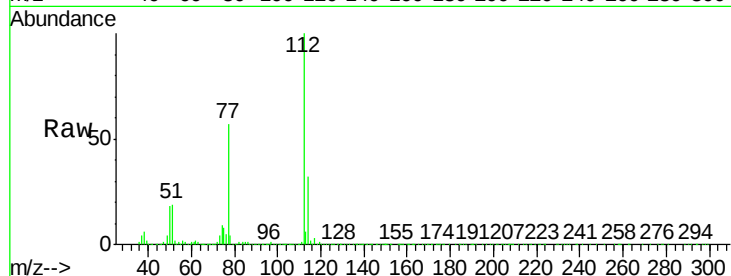
#65
Chlorobenzene
Concen: 19.182 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.8

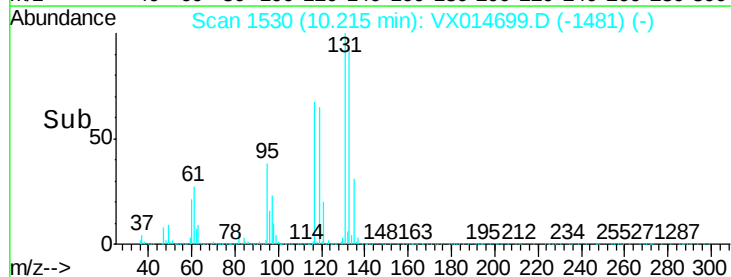
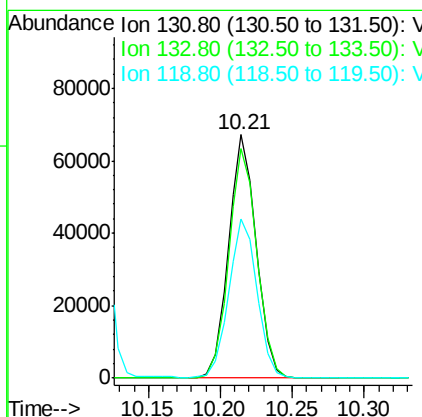
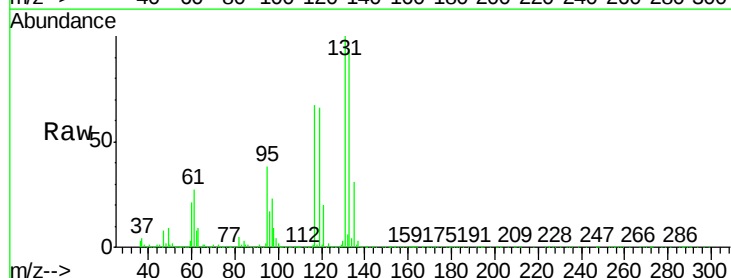
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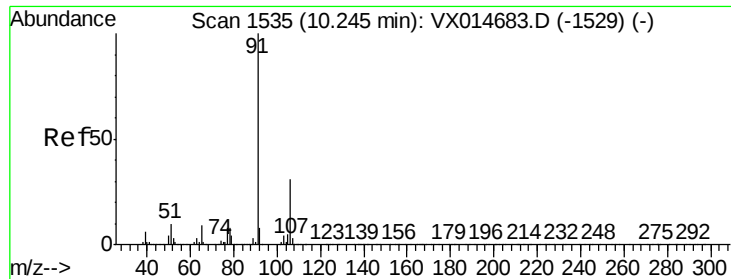
MMDadoda
1/27/2020 10:35:40 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.092 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.4	142.3
119	66.3	33.3	99.8





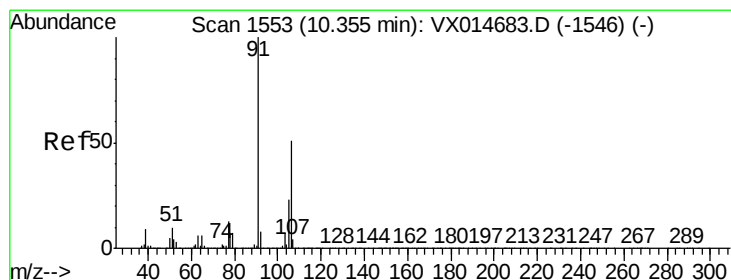
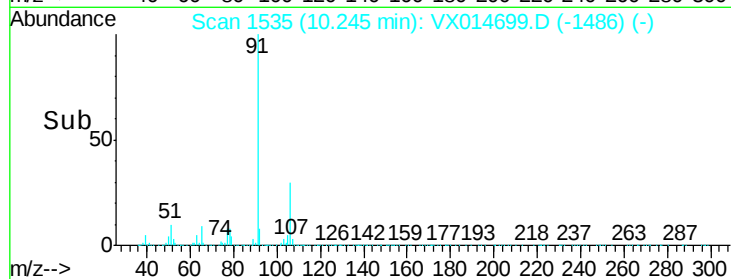
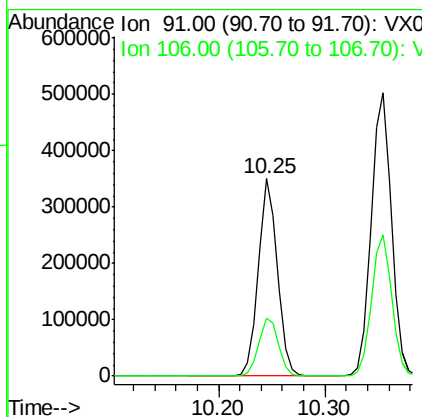
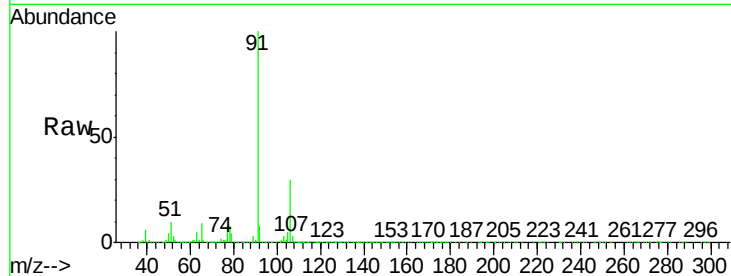
#67
Ethyl Benzene
Concen: 19.917 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampled :
VX0124WBS02

Tot Ion: 91 Resp: 438982
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

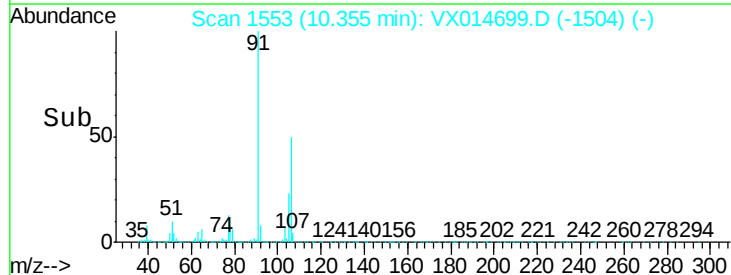
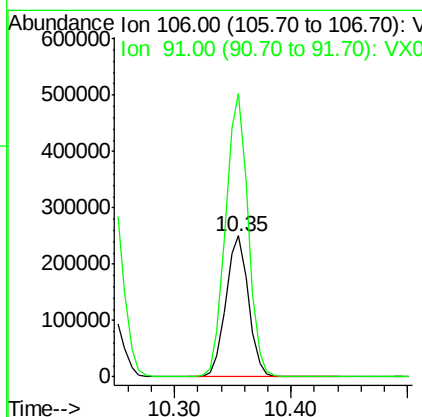
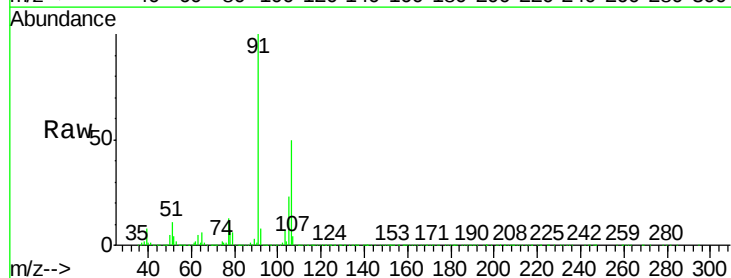
Manual Integrations
APPROVED

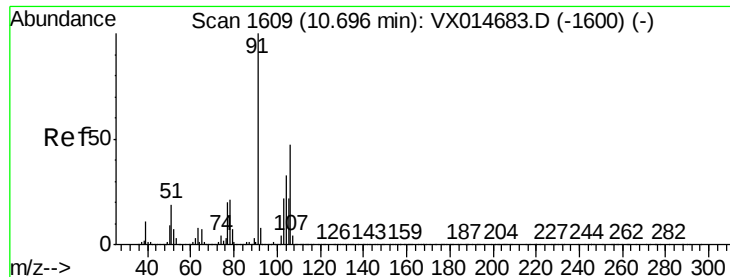
MMDadoda
1/27/2020 10:35:40 AM



#68
m/p-Xylenes
Concen: 40.226 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion: 106 Resp: 335892
Ion Ratio Lower Upper
106 100
91 199.9 159.4 239.2





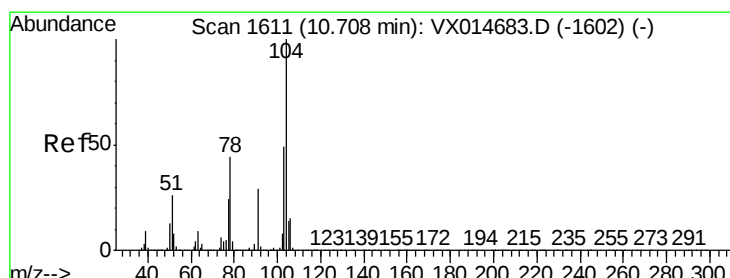
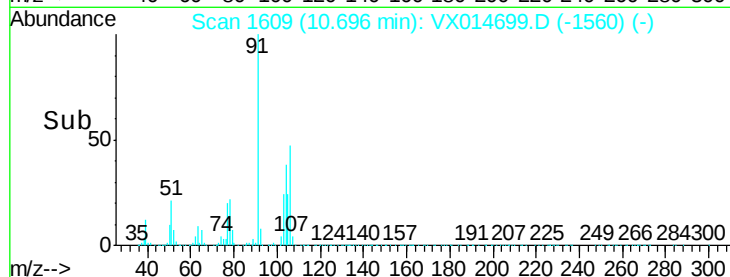
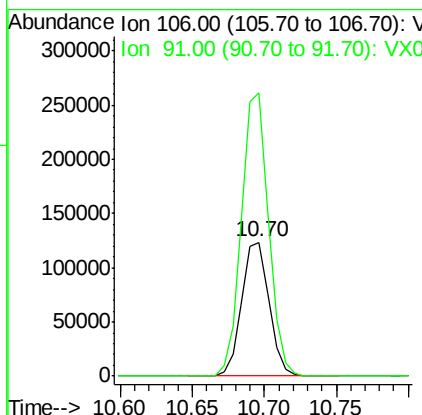
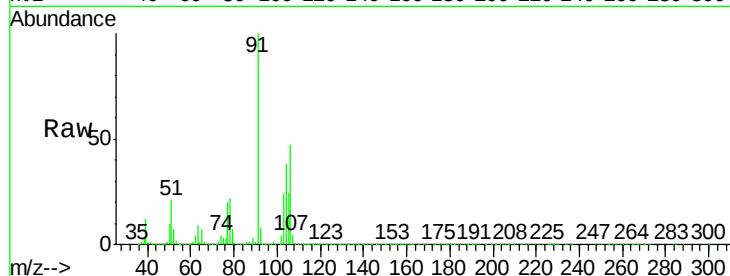
#69
o-Xylene
Concen: 20.121 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	106.2	318.6

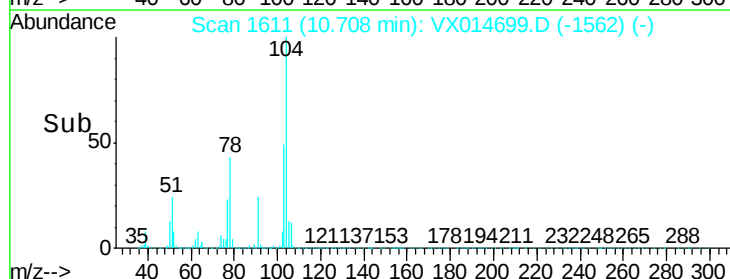
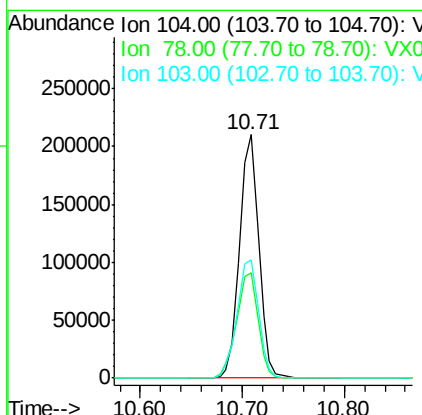
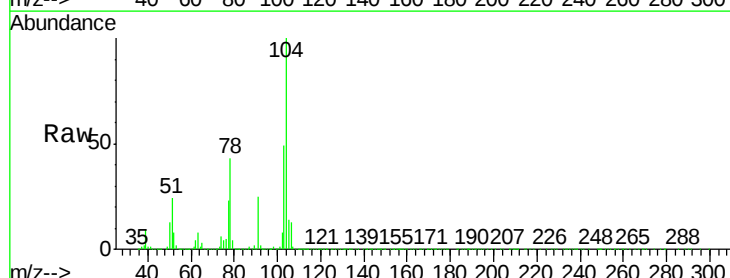
Manual Integrations
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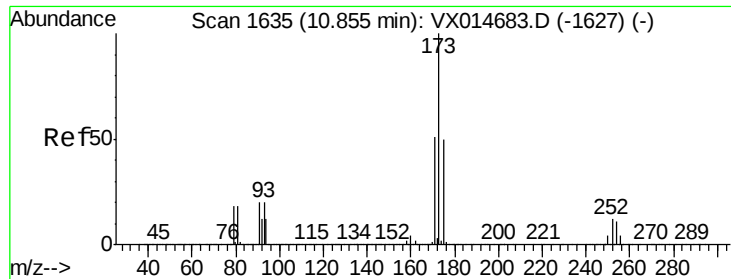
MMDadoda
1/27/2020 10:35:40 AM



#70
Styrene
Concen: 20.180 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.3	58.9
103	54.5	43.5	65.3





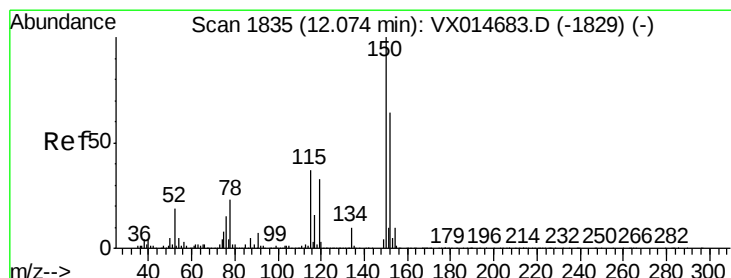
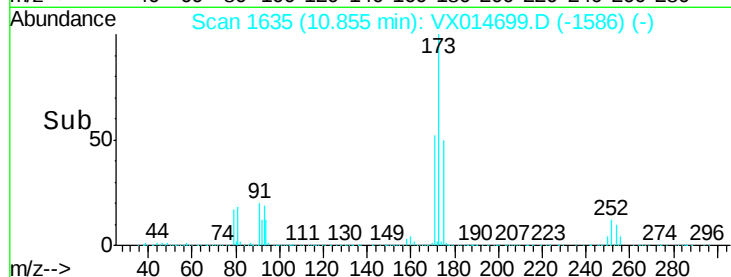
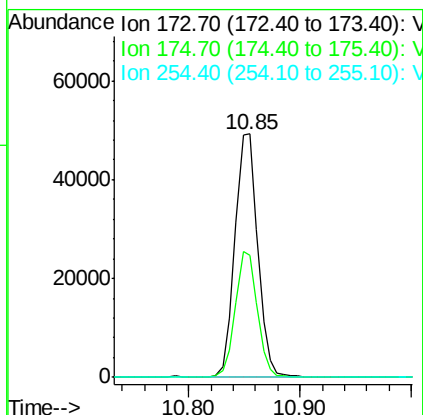
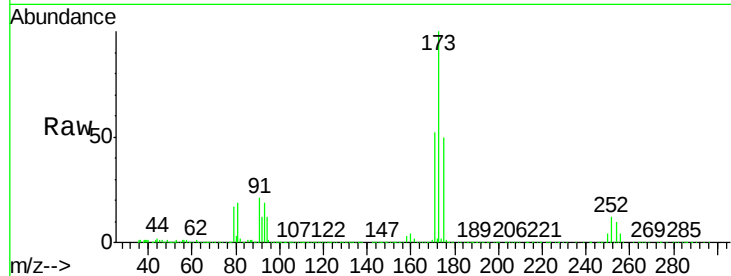
#71
Bromoform
Concen: 18.532 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.6	73.6
254	0.4	0.1	0.1#

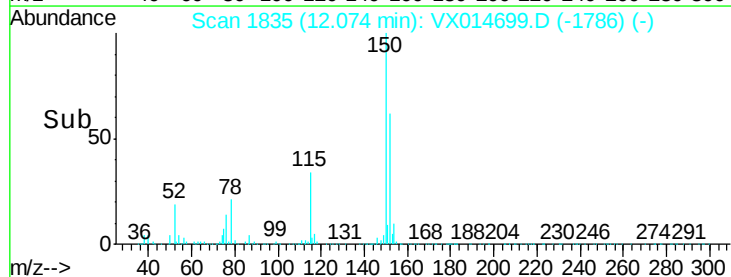
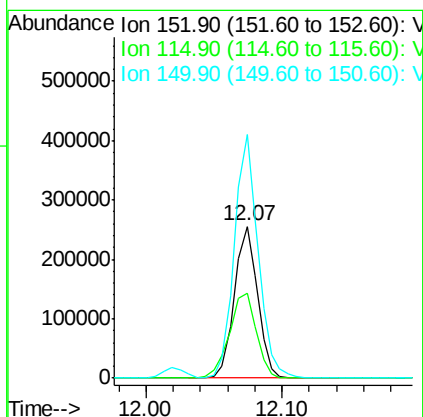
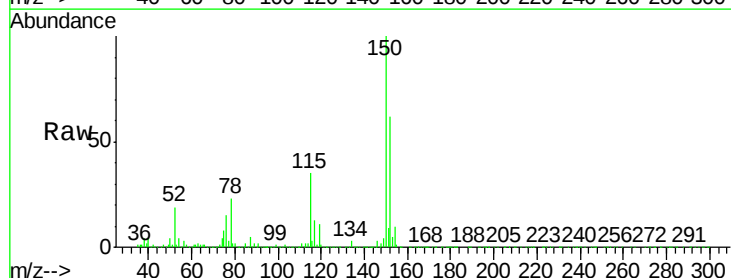
Manual Integrations
APPROVED

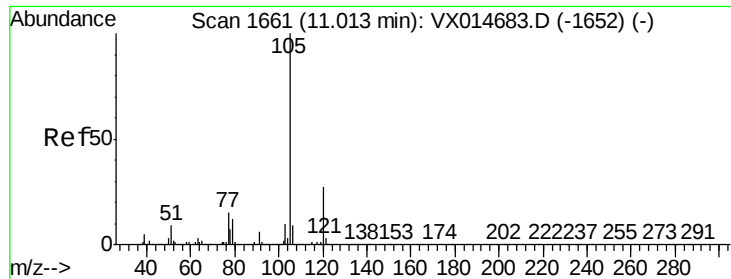
MMDadoda
1/27/2020 10:35:40 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	39.4	118.1
150	164.4	0.0	351.2





#73

Isopropylbenzene

Concen: 20.003 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS02

Tot Ion: 105 Resp: 424425

Ion Ratio Lower Upper

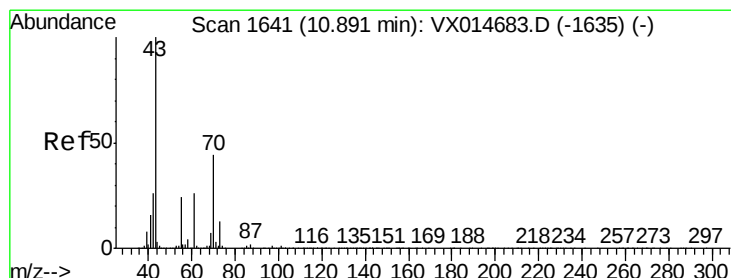
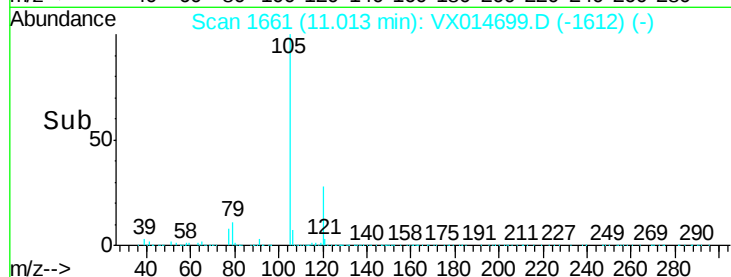
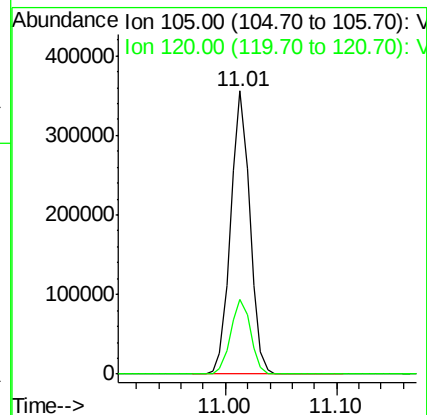
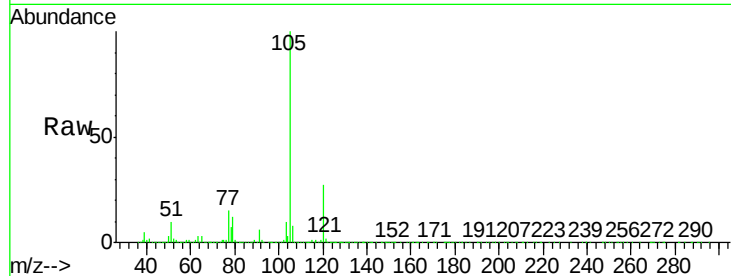
105 100

120 27.4 13.5 40.5

Manual Integrations
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MMDadoda

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#74

N-ethyl acetate

Concen: 19.493 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion: 43 Resp: 181243

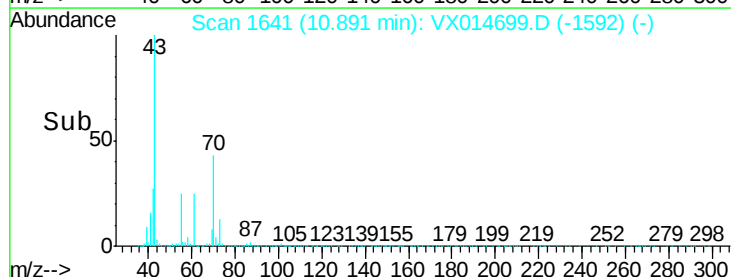
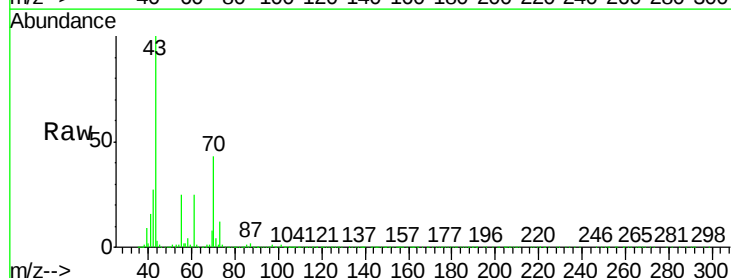
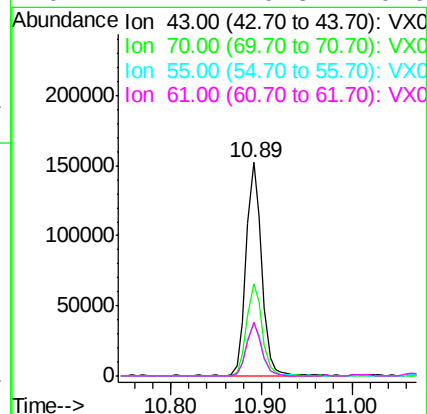
Ion Ratio Lower Upper

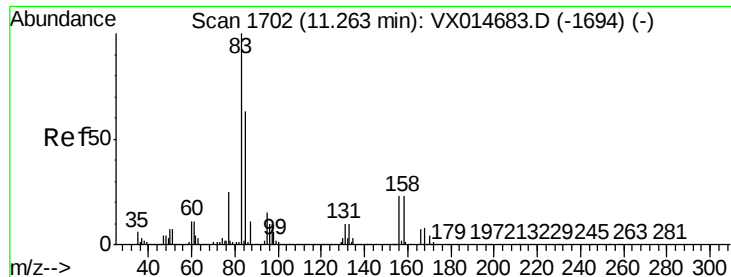
43 100

70 43.0 34.6 52.0

55 25.2 19.4 29.2

61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.191 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

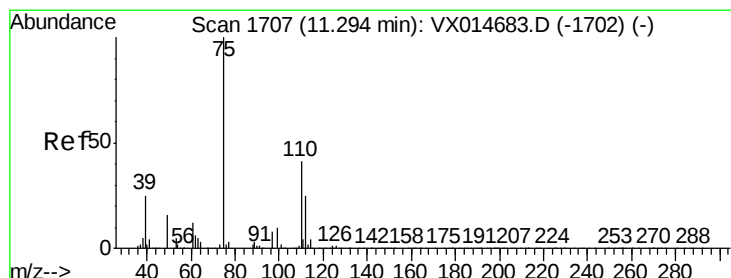
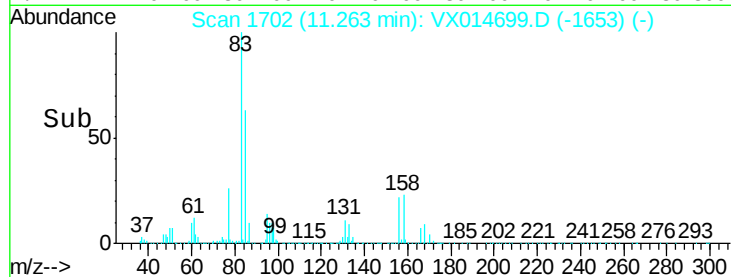
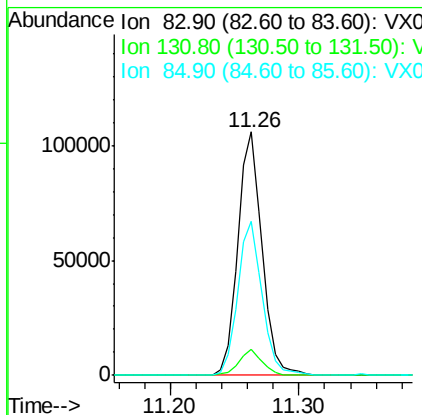
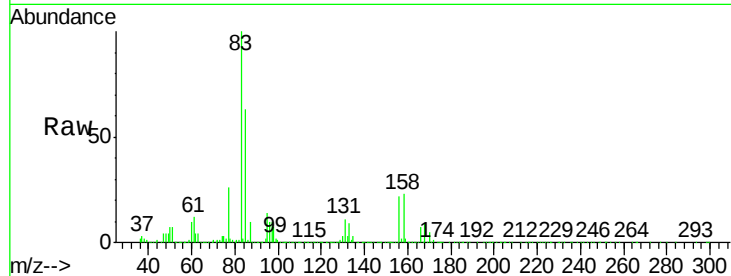
ClientSampled :

VX0124WBS02

Tot Ion:	83	Resp:	137810
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	15.0
85	64.2	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 16.401 ug/l m

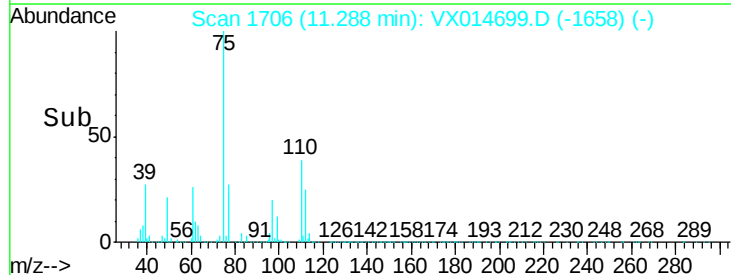
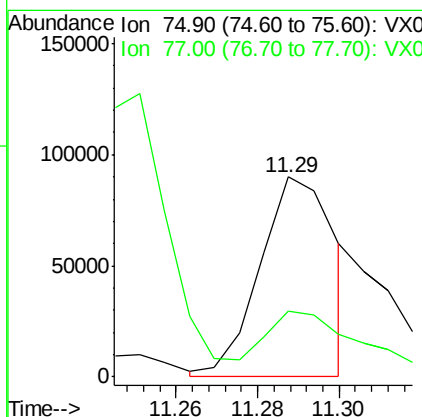
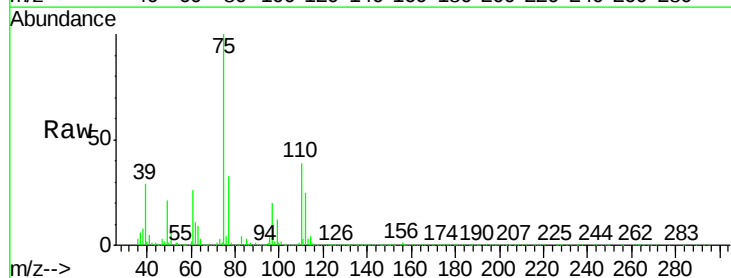
RT: 11.29 min Scan# 1706

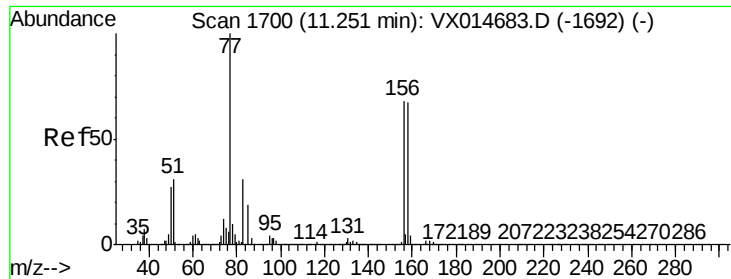
Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion:	75	Resp:	115146
Ion Ratio	Lower	Upper	
75	100		
77	42.2	18.7	56.1





#77

Bromobenzene

Concen: 19.758 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

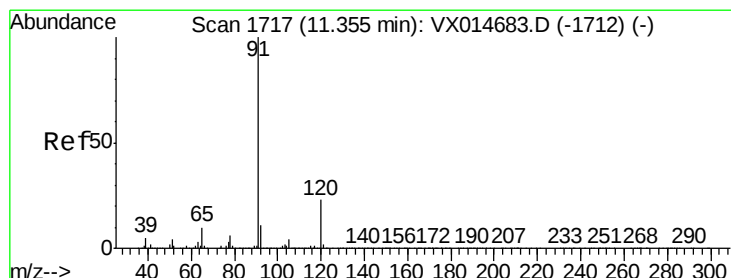
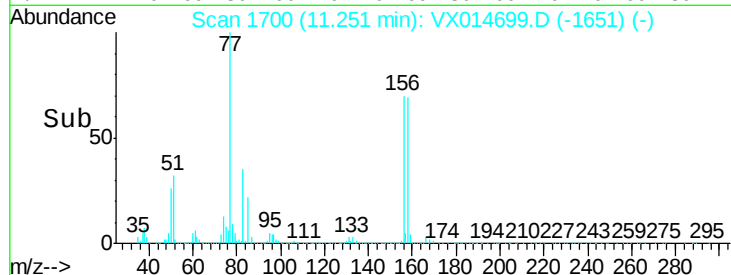
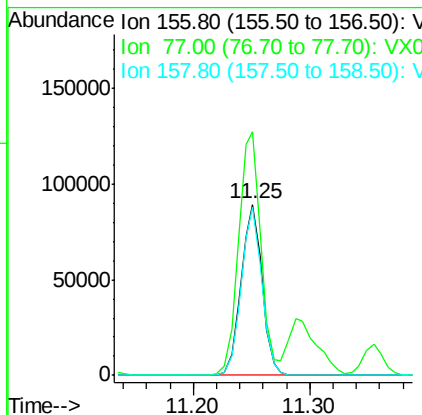
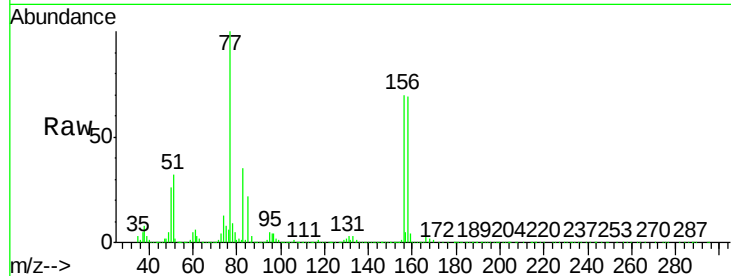
ClientSampleId :

VX0124WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.4	77.5	232.5
158	96.9	49.1	147.3

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#78

n-propylbenzene

Concen: 20.278 ug/l

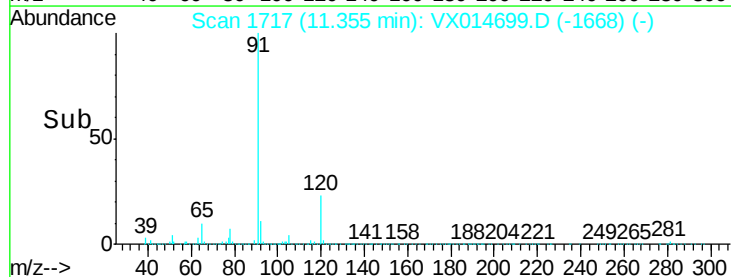
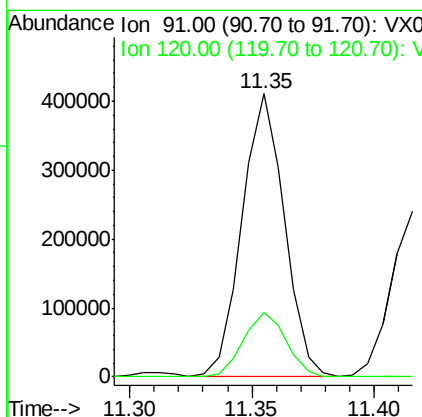
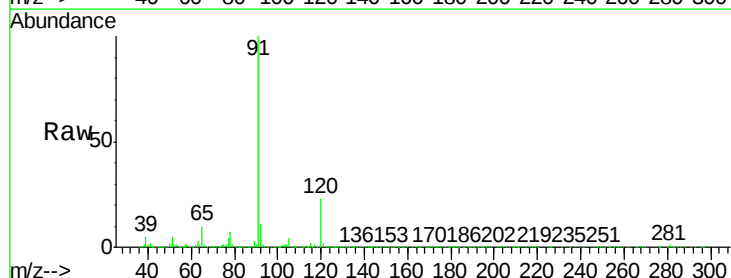
RT: 11.35 min Scan# 1717

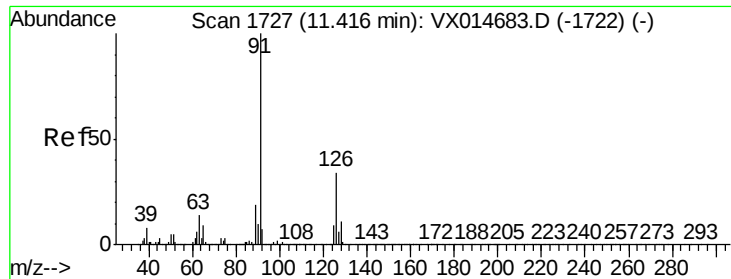
Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





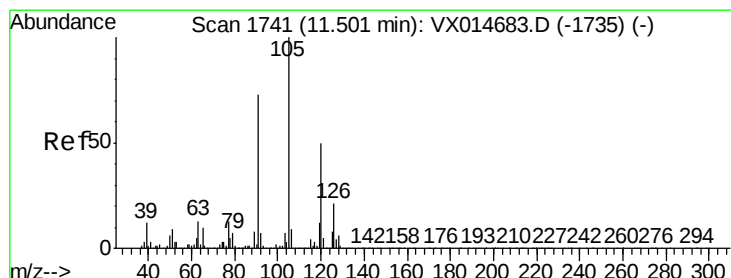
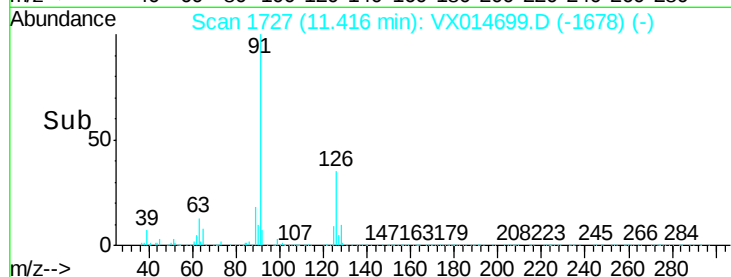
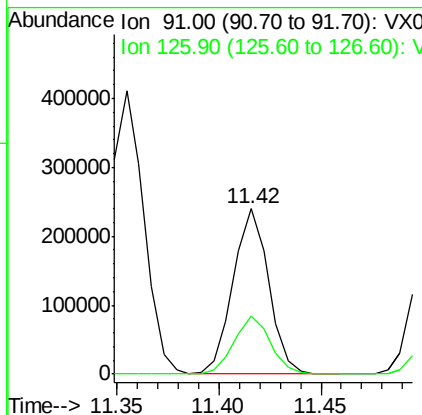
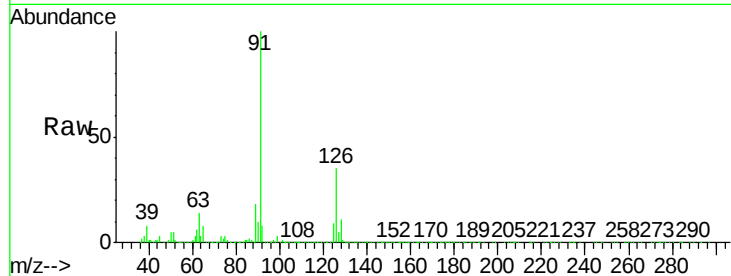
#79
 2-Chlorotoluene
 Concen: 19.752 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS02

Tot Ion: 91 Resp: 287830
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.3 51.9

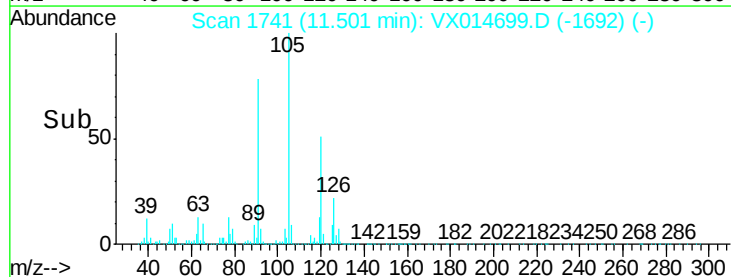
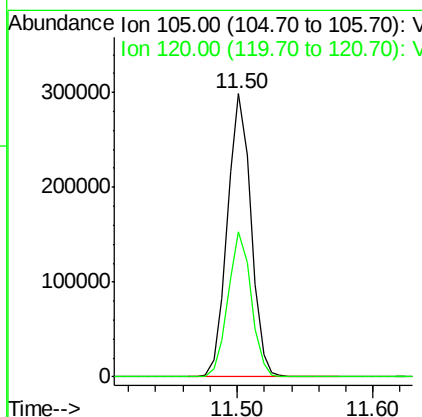
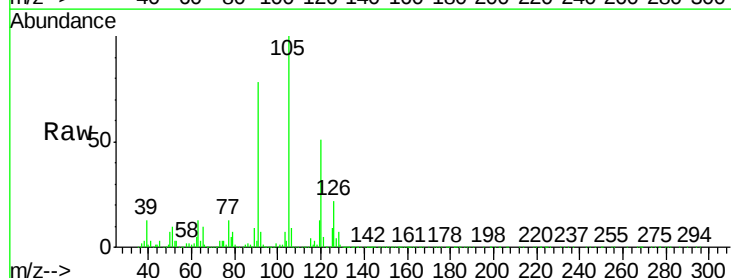
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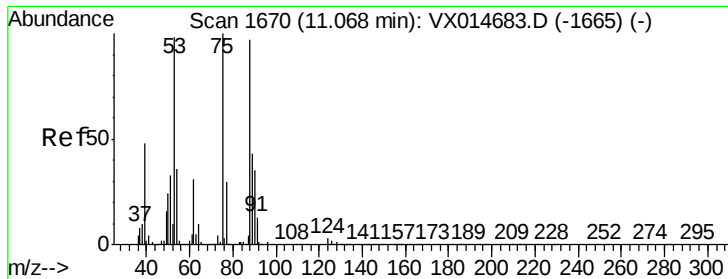
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.339 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014699.D
 Acq: 24 Jan 2020 16:02

Tgt Ion: 105 Resp: 358167
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6





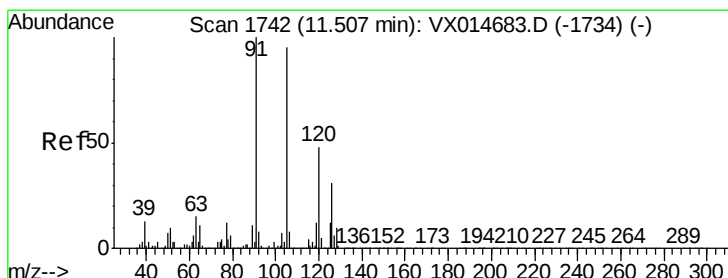
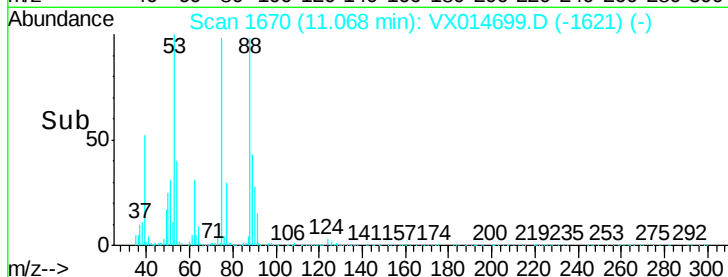
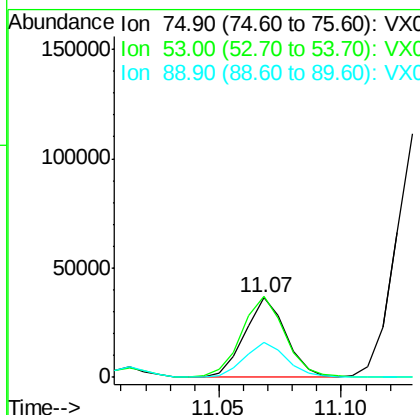
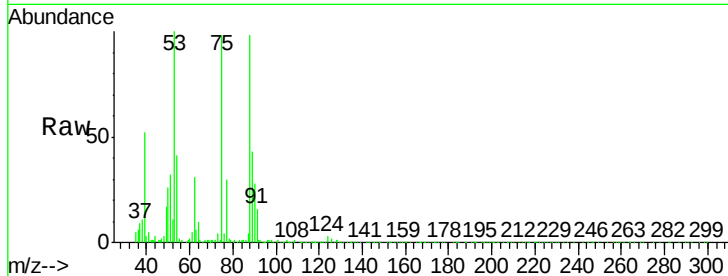
#81
trans-1,4-Dichloro-2-butene
Concen: 17.229 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampled :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.5	78.8	118.2
89	45.1	35.4	53.0

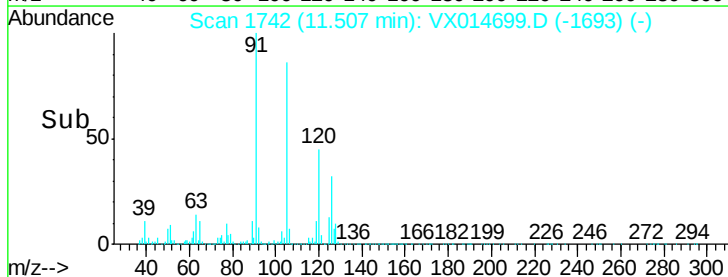
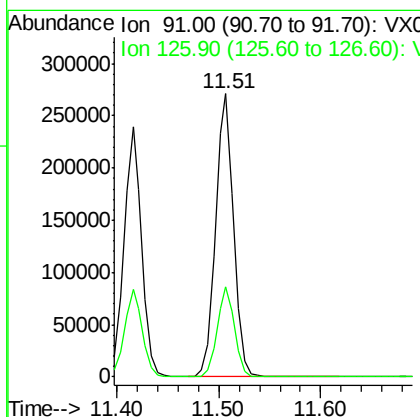
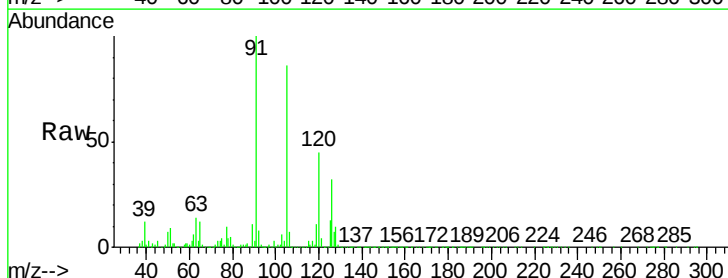
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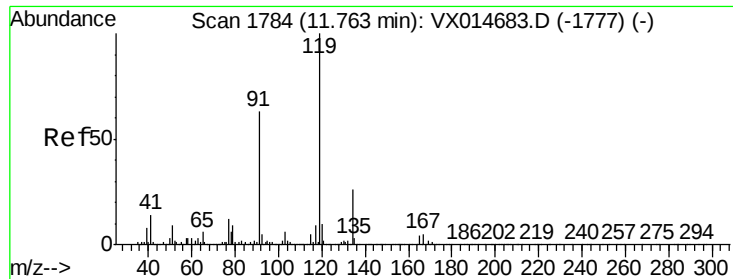
MMDadoda
1/27/2020 10:35:40 AM



#82
4-Chlorotoluene
Concen: 20.255 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.4





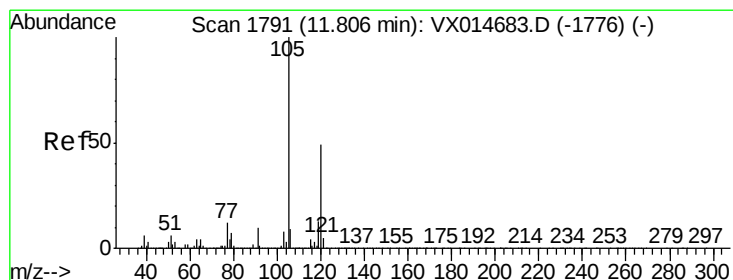
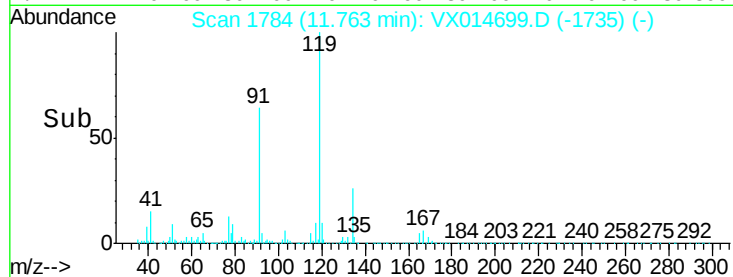
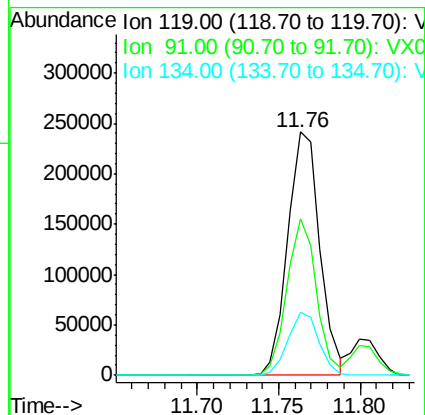
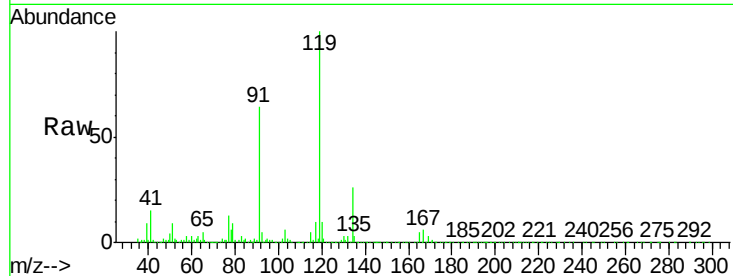
#83
tert-Butylbenzene
Concen: 19.865 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.0	90.0
134	25.1	12.7	38.0

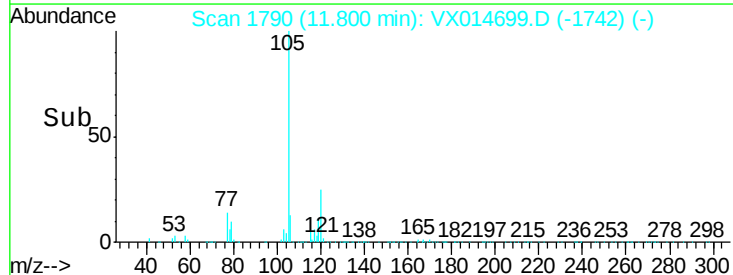
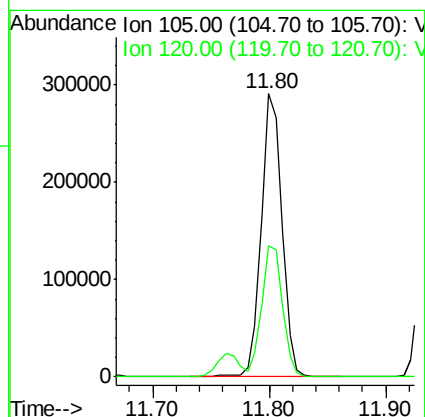
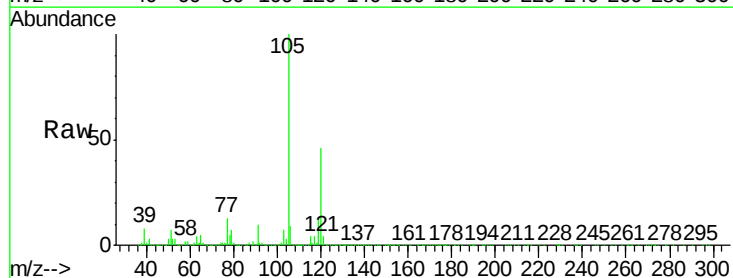
Manual Integrations
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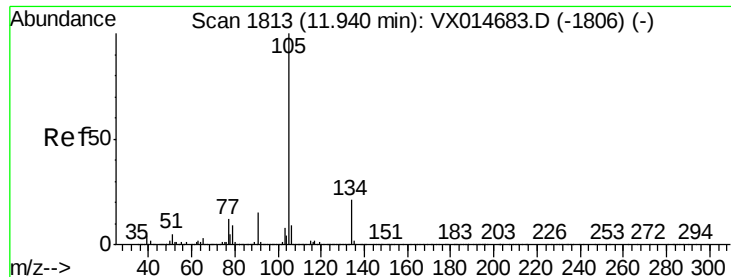
MMDadoda
1/27/2020 10:35:40 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.625 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.456 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS02

Tot Ion:105 Resp: 414686

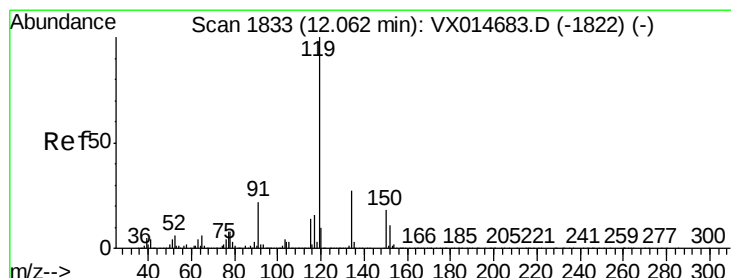
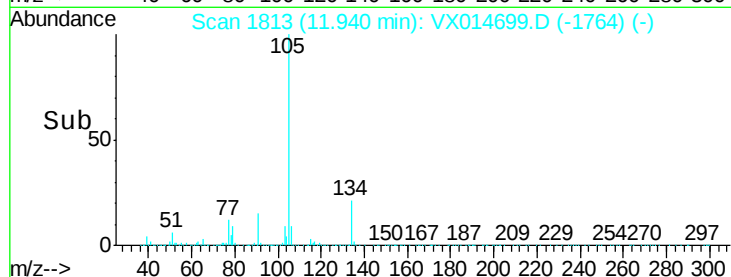
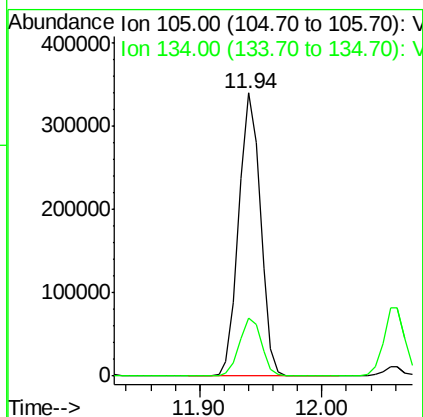
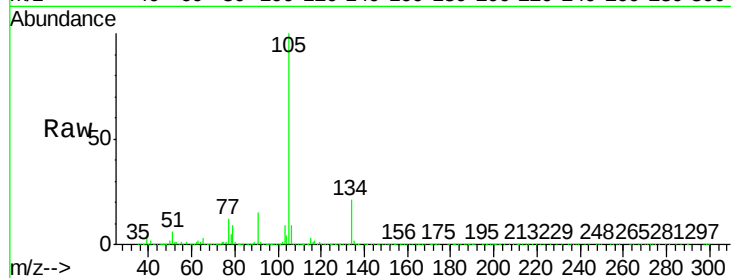
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.384 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

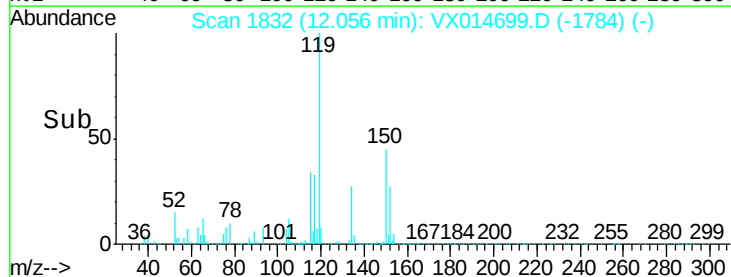
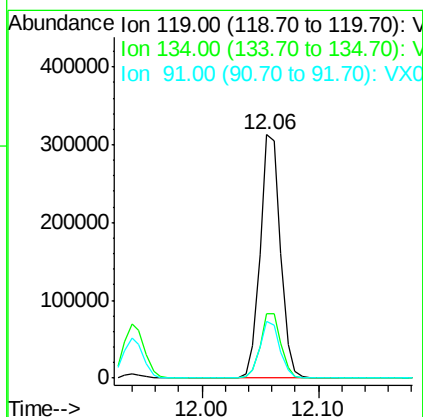
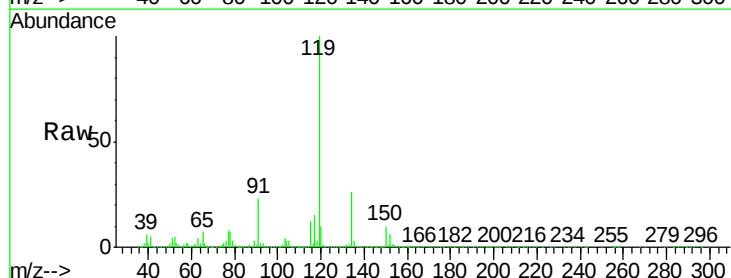
Tgt Ion:119 Resp: 381881

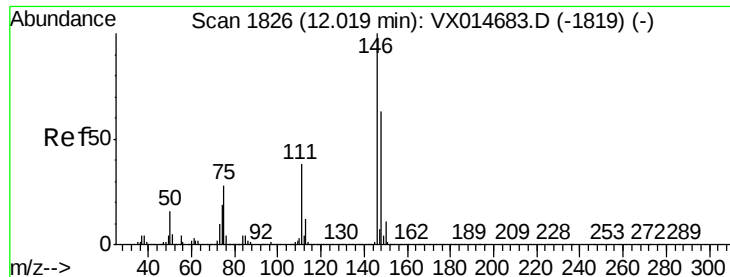
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.530 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

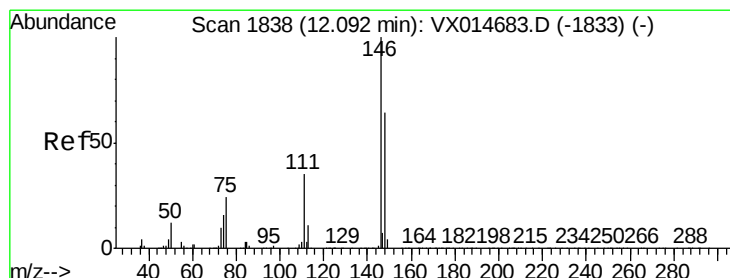
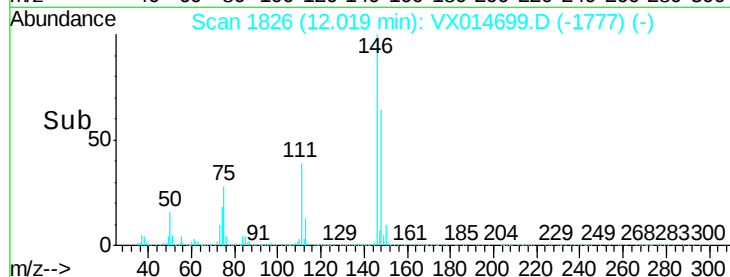
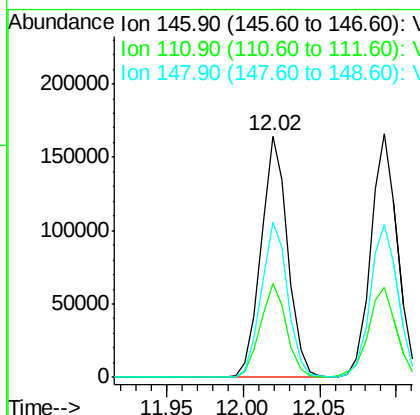
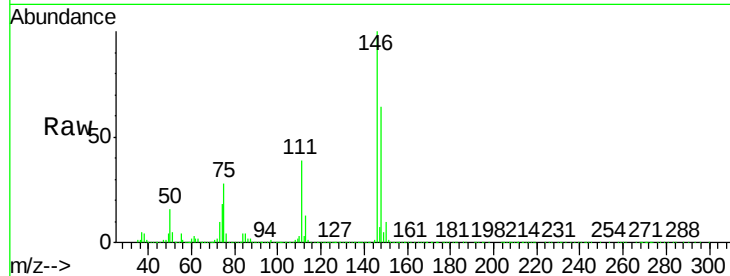
Instrument :
MSVOA_X

ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.1	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 19.457 ug/l

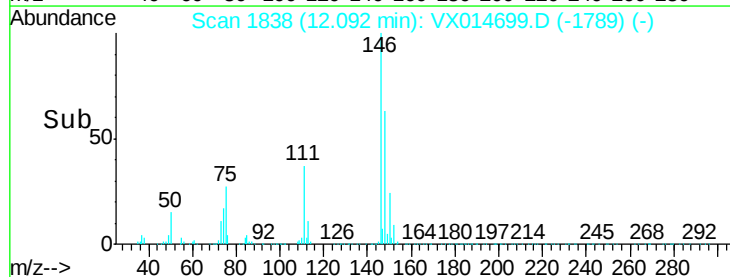
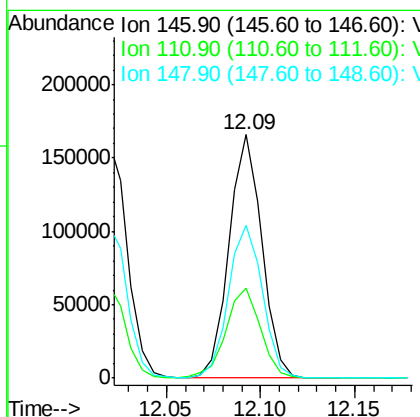
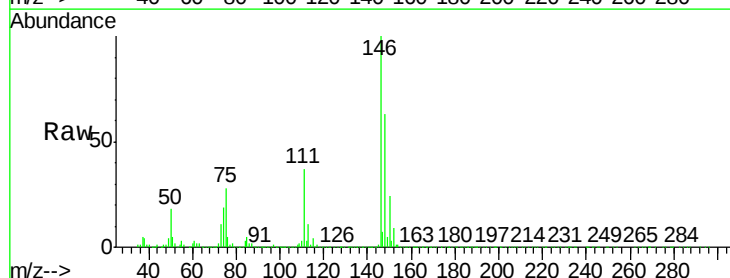
RT: 12.09 min Scan# 1838

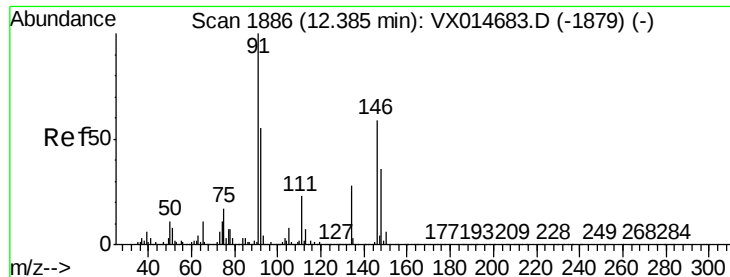
Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	55.8
148	65.3	32.0	96.2





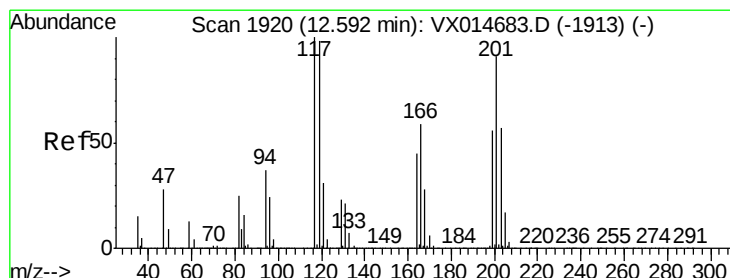
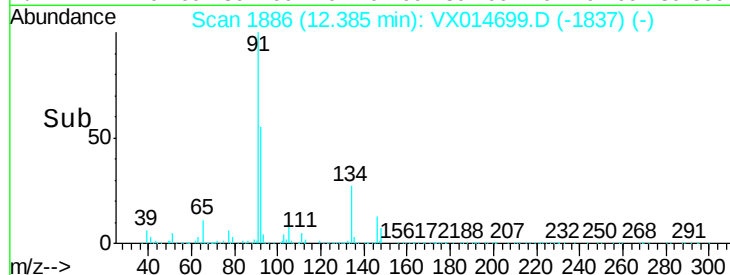
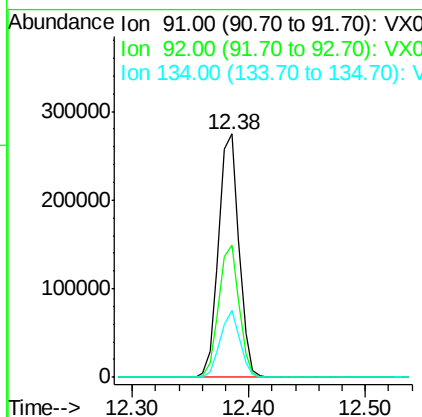
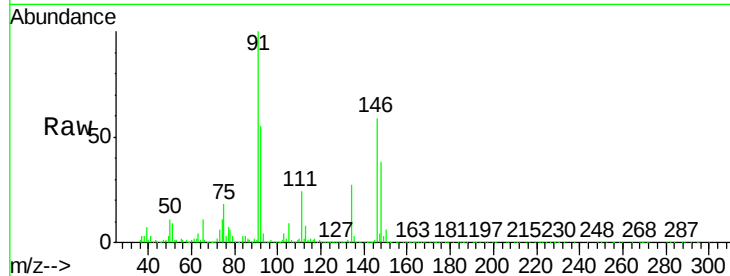
#89
n-Butylbenzene
Concen: 20.276 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	26.3	13.3	39.8

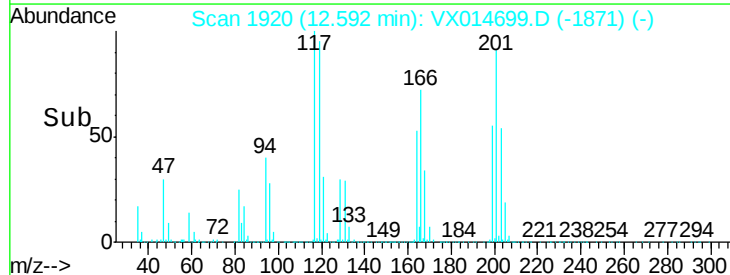
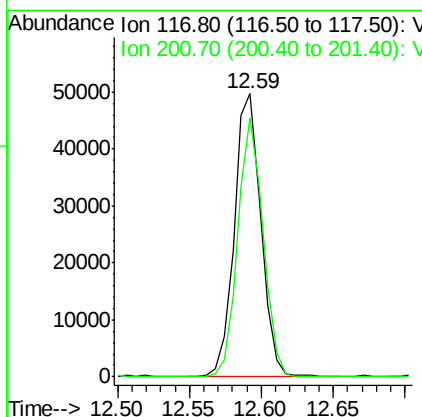
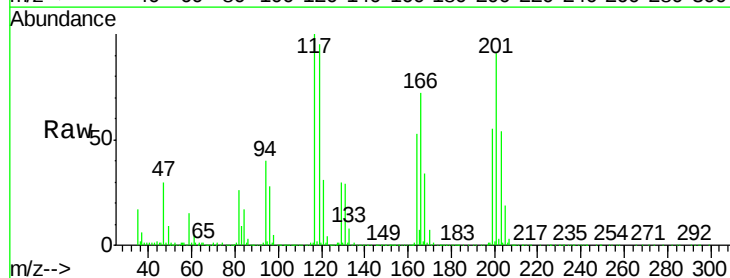
Manual Integrations
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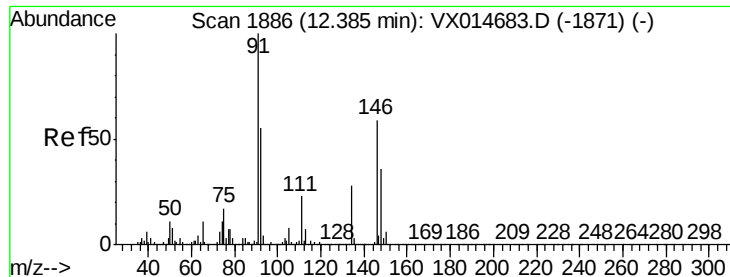
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1/27/2020 10:35:40 AM



#90
Hexachloroethane
Concen: 18.382 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	44.4	133.1





#91

1,2-Dichlorobenzene

Concen: 19.184 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Instrument :

MSVOA_X

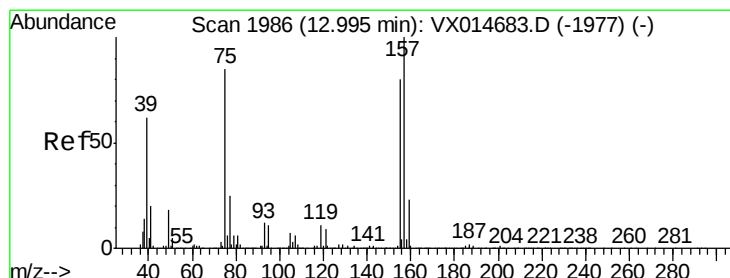
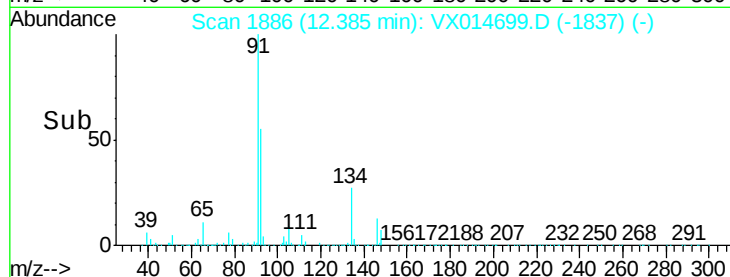
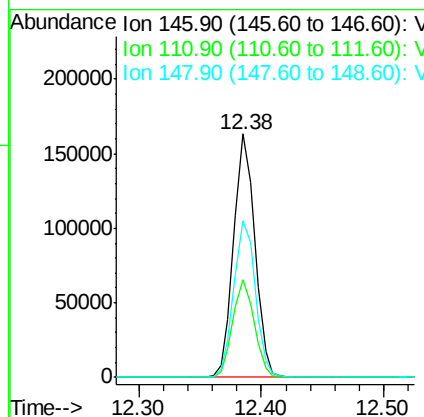
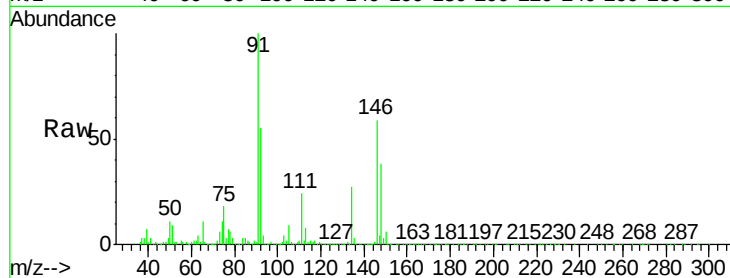
ClientSampled :

VX0124WBS02

Tot Ion:	146	Resp:	195183
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.6	58.8
148	65.5	31.9	95.9

Manual Integrations
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1/27/2020 10:35:40 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.524 ug/l

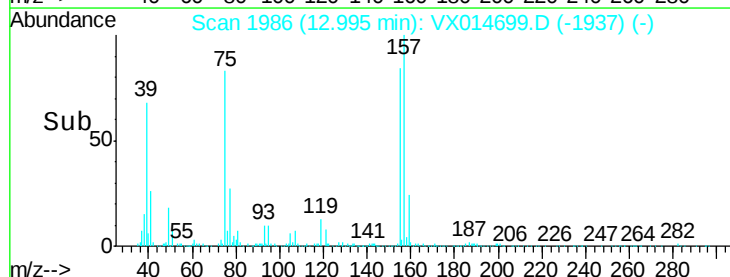
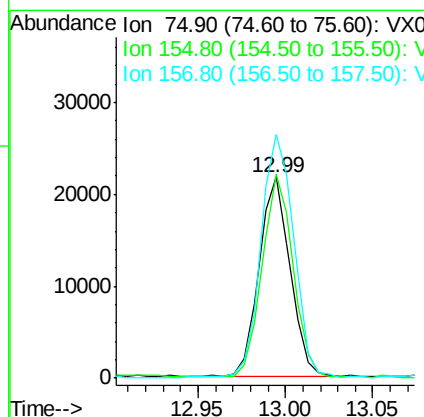
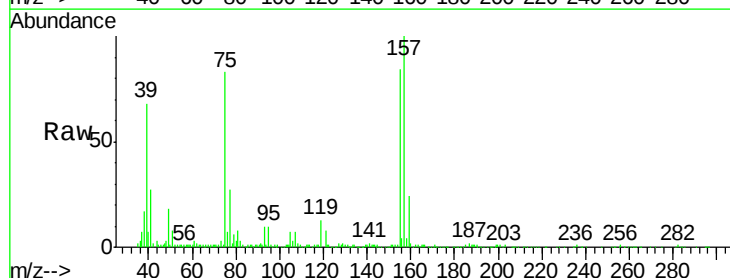
RT: 12.99 min Scan# 1986

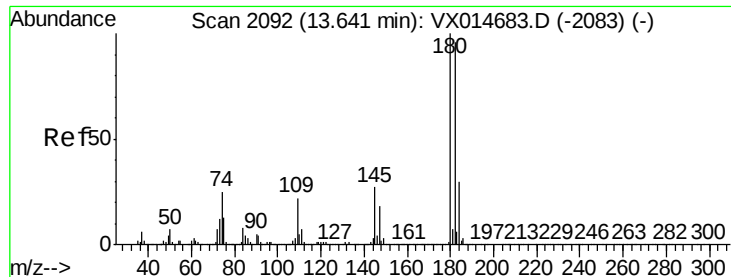
Delta R.T. 0.00 min

Lab File: VX014699.D

Acq: 24 Jan 2020 16:02

Tgt Ion:	75	Resp:	26896
Ion Ratio	Lower	Upper	
75	100		
155	99.9	45.6	136.9
157	127.8	60.3	180.9





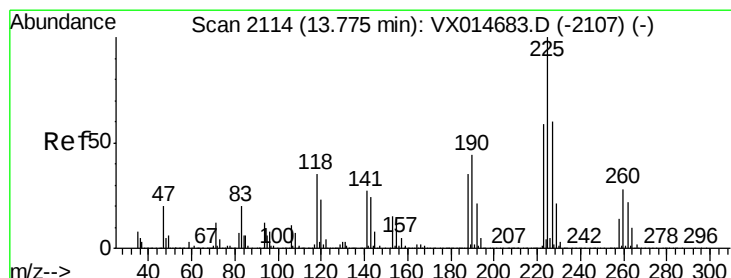
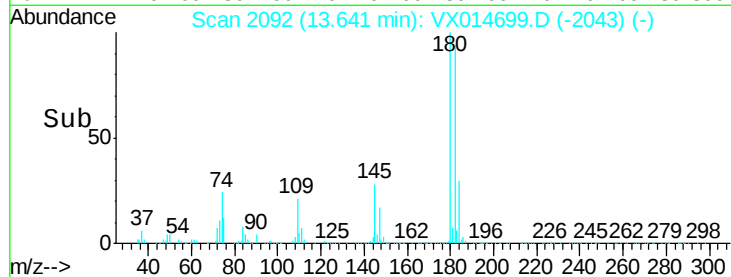
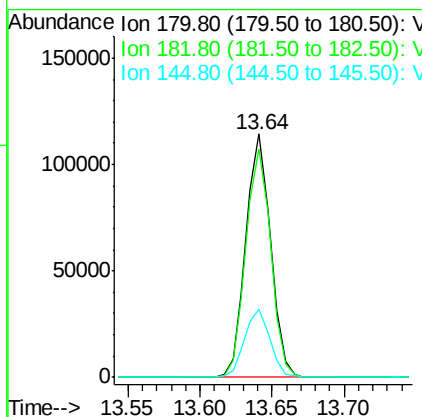
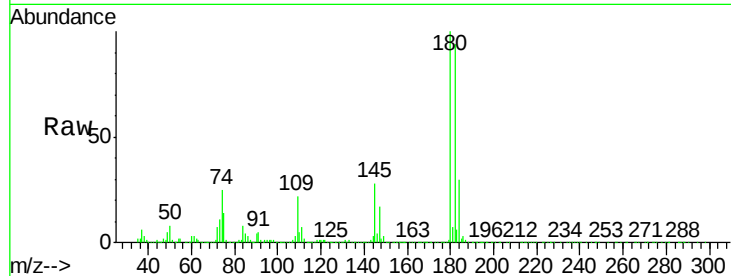
#93
1,2,4-Trichlorobenzene
Concen: 20.735 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136010		
182	94.5	48.5	145.6	
145	28.7	14.0	41.9	

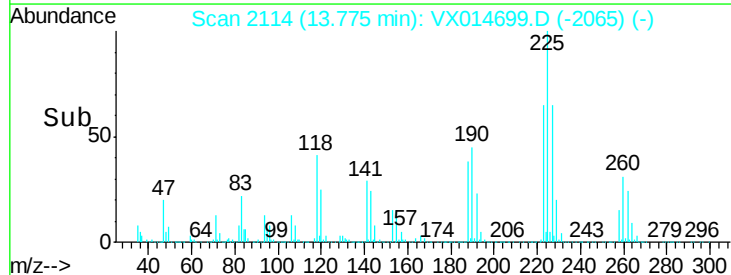
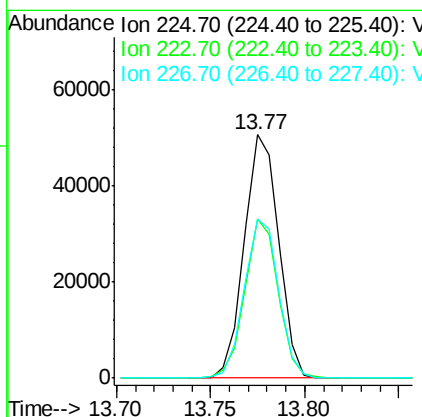
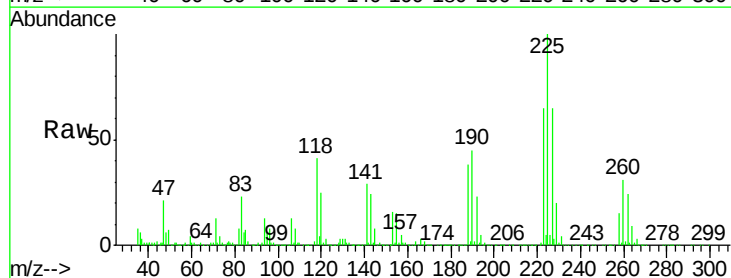
Manual Integrations
APPROVED

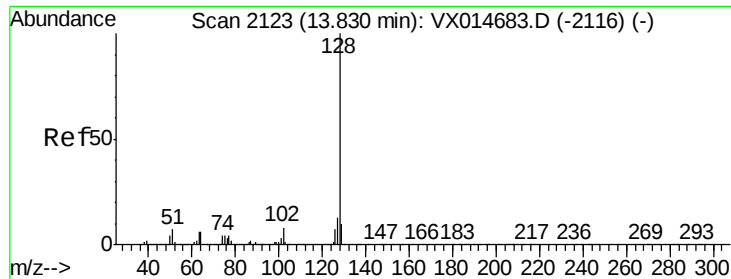
MMDadoda
1/27/2020 10:35:40 AM



#94
Hexachlorobutadiene
Concen: 19.021 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64217		
223	63.6	30.6	91.8	
227	65.3	31.4	94.0	





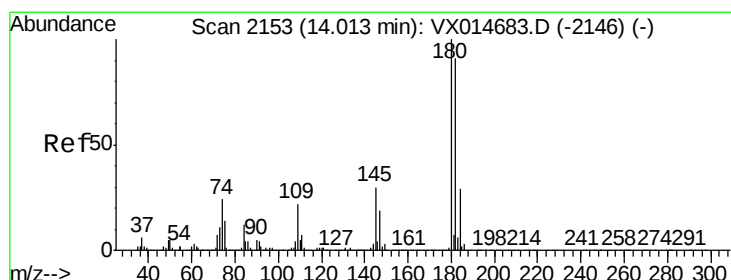
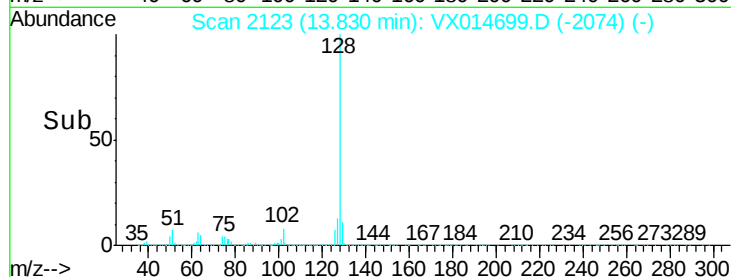
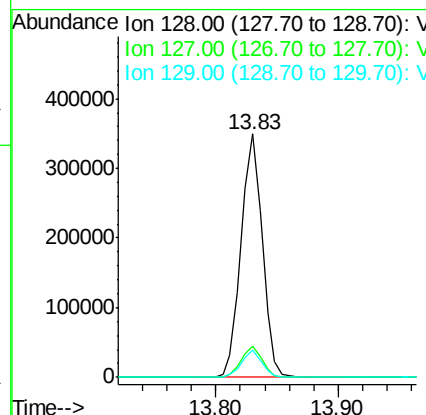
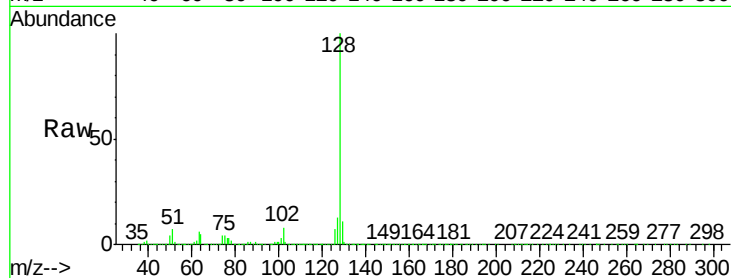
#95
Naphthalene
Concen: 20.267 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Instrument :
MSVOA_X
ClientSampled :
VX0124WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:35:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.631 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014699.D
Acq: 24 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.7
145	29.4	14.7	44.1

