

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014686.D
 Acq On : 22 Jan 2020 12:57
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX012220

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 1:39:20 PM

Quant Time: Jan 22 13:23:00 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	475615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	708994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	640866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	261127	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.48	113	214365	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.71	98	839843	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	297425	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	317508	49.738	ug/l	100
3) Chloromethane	1.32	50	339494	52.764	ug/l	99
4) Vinyl Chloride	1.40	62	360566	51.828	ug/l	100
5) Bromomethane	1.63	94	218782	46.299	ug/l	99
6) Chloroethane	1.72	64	190614	47.830	ug/l	99
7) Trichlorofluoromethane	1.92	101	391503	48.331	ug/l	99
8) Diethyl Ether	2.18	74	167864	47.476	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	232651	48.924	ug/l	98
10) Methyl Iodide	2.50	142	281464	45.108	ug/l	100
11) Tert butyl alcohol	3.02	59	269247	215.925	ug/l	99
12) 1,1-Dichloroethene	2.37	96	232138	49.098	ug/l	99
13) Acrolein	2.28	56	221508	225.296	ug/l	100
14) Allyl chloride	2.72	41	416010	48.952	ug/l	99
15) Acrylonitrile	3.12	53	682097	236.417	ug/l	100
16) Acetone	2.43	43	681532	223.910	ug/l	99
17) Carbon Disulfide	2.56	76	644957	49.910	ug/l	100
18) Methyl Acetate	2.76	43	411149	47.319	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	762863	49.261	ug/l	100
20) Methylene Chloride	2.84	84	258878	45.961	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	248010	47.641	ug/l	97
22) Diisopropyl ether	3.84	45	824417	48.759	ug/l	97
23) Vinyl Acetate	3.80	43	3302431	256.226	ug/l	98
24) 1,1-Dichloroethane	3.69	63	443207	48.268	ug/l	98
25) 2-Butanone	4.65	43	1008836	231.316	ug/l	99
26) 2,2-Dichloropropane	4.57	77	368236	50.102	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	280074	48.070	ug/l	100
28) Bromochloromethane	5.00	49	172544	42.762	ug/l	100
29) Tetrahydrofuran	5.11	42	623052	240.700	ug/l	99
30) Chloroform	5.20	83	430262	47.302	ug/l	100
31) Cyclohexane	5.57	56	432552	50.085	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	373836	48.622	ug/l	98
36) 1,1-Dichloropropene	5.79	75	336347	51.055	ug/l	99
37) Ethyl Acetate	4.81	43	377822	50.073	ug/l	100
38) Carbon Tetrachloride	5.77	117	321848	51.154	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	438122	53.085	ug/l	96
40) Benzene	6.13	78	1011058	49.670	ug/l	98
41) Methacrylonitrile	5.02	41	206535	47.968	ug/l	98
42) 1,2-Dichloroethane	6.18	62	346540	49.300	ug/l	100
43) Isopropyl Acetate	6.43	43	617416	49.969	ug/l	100
44) Trichloroethene	7.20	130	276889	48.157	ug/l	96
45) 1,2-Dichloropropane	7.50	63	263088	50.169	ug/l	100
46) Dibromomethane	7.65	93	167731	49.386	ug/l	98
47) Bromodichloromethane	7.89	83	340964	51.186	ug/l	99
48) Methyl methacrylate	7.76	41	305522	51.752	ug/l	99
49) 1,4-Dioxane	7.73	88	110822	885.564	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1909460	244.850	ug/l	100
52) Toluene	8.78	92	644781	51.531	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	381374	53.171	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	424031	53.739	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	253410	49.466	ug/l	98
56) Ethyl methacrylate	9.17	69	408491	47.140	ug/l	100
57) 1,3-Dichloropropane	9.36	76	431454	49.267	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	678248	263.257	ug/l	99
59) 2-Hexanone	9.48	43	1484454	245.303	ug/l	99
60) Dibromochloromethane	9.57	129	274262	51.290	ug/l	100
61) 1,2-Dibromoethane	9.67	107	268568	49.584	ug/l	99
64) Tetrachloroethene	9.33	164	285545	45.012	ug/l	98
65) Chlorobenzene	10.13	112	676884	49.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	253704	50.197	ug/l	99
67) Ethyl Benzene	10.25	91	1216526	51.975	ug/l	100
68) m/p-Xylenes	10.35	106	923782	104.179	ug/l	100
69) o-Xylene	10.70	106	442854	51.733	ug/l	100
70) Styrene	10.71	104	765952	53.340	ug/l	100
71) Bromoform	10.85	173	209175	52.043	ug/l #	100
73) Isopropylbenzene	11.01	105	1192729	51.897	ug/l	100
74) N-amyl acetate	10.89	43	539191	53.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	385816	47.017	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	326235m	42.900	ug/l	
77) Bromobenzene	11.25	156	303550	49.164	ug/l	99
78) n-propylbenzene	11.35	91	1378548	52.844	ug/l	100
79) 2-Chlorotoluene	11.42	91	795504	50.398	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	998092	52.325	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	139272	52.119	ug/l	97
82) 4-Chlorotoluene	11.51	91	930696	51.792	ug/l	99
83) tert-Butylbenzene	11.76	119	951541	53.087	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1008171	52.694	ug/l	98
85) sec-Butylbenzene	11.94	105	1173052	53.423	ug/l	100
86) p-Isopropyltoluene	12.06	119	1084067	53.422	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	545908	49.198	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	547745	49.280	ug/l	100
89) n-Butylbenzene	12.39	91	961563	54.406	ug/l	100
90) Hexachloroethane	12.59	117	194104	51.497	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	549163	49.831	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85229	48.342	ug/l	99

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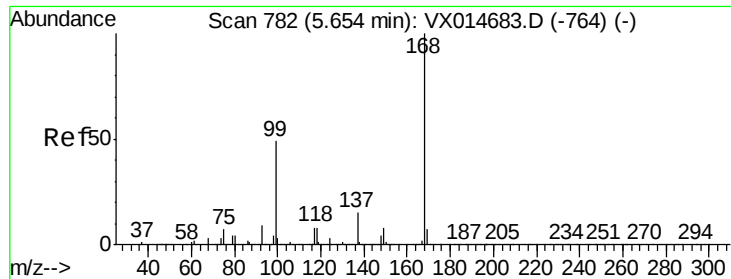
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	378268	53.238	ug/l	99
94) Hexachlorobutadiene	13.78	225	188554	51.560	ug/l	98
95) Naphthalene	13.83	128	1121936	48.986	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	373098	51.932	ug/l	96

(#) = 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: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion:168 Resp: 475615

Ion Ratio Lower Upper

168 100

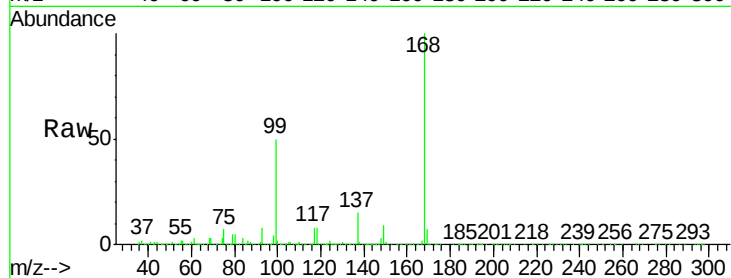
99 50.0 39.8 59.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

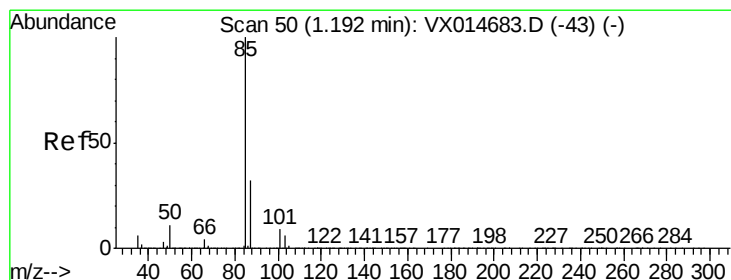
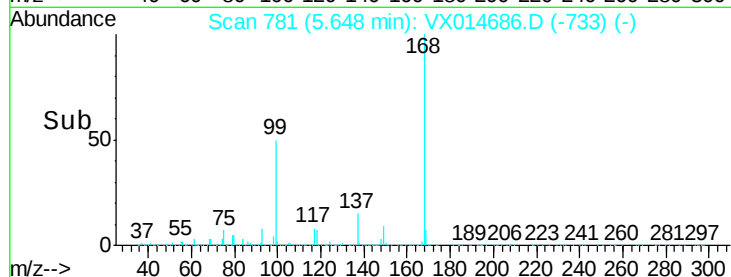
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.738 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014686.D

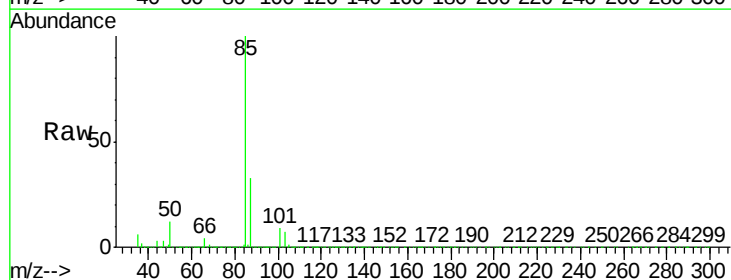
Acq: 22 Jan 2020 12:57

Tgt Ion: 85 Resp: 317508

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

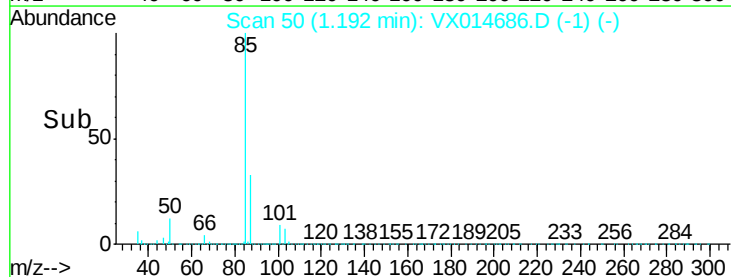
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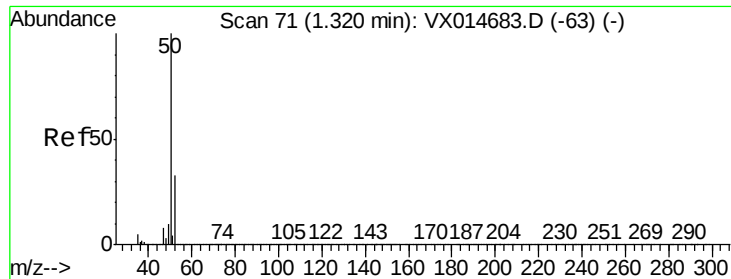
200000

100000

0

Time-->





#3

Chloromethane

Concen: 52.764 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion: 50 Resp: 339494

Ion Ratio Lower Upper

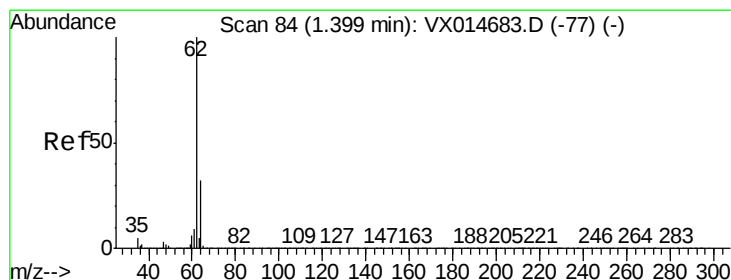
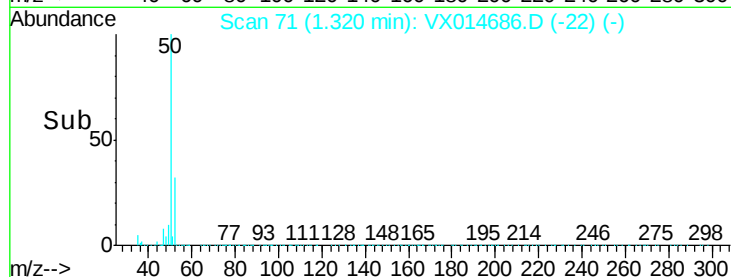
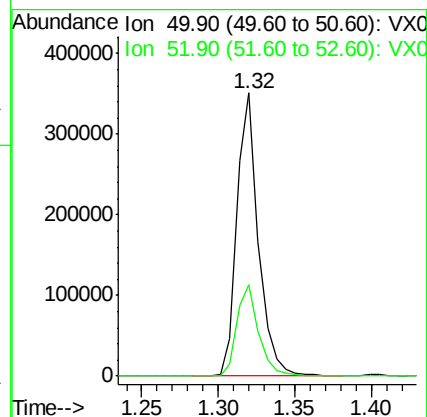
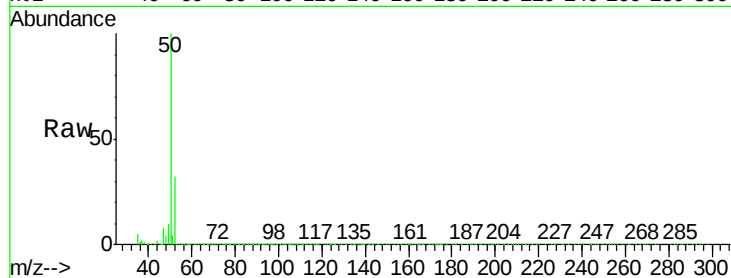
50 100

52 32.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 51.828 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014686.D

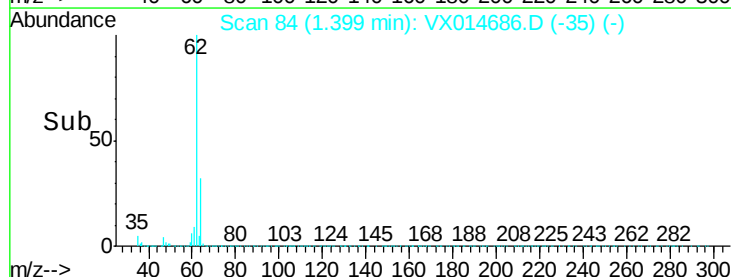
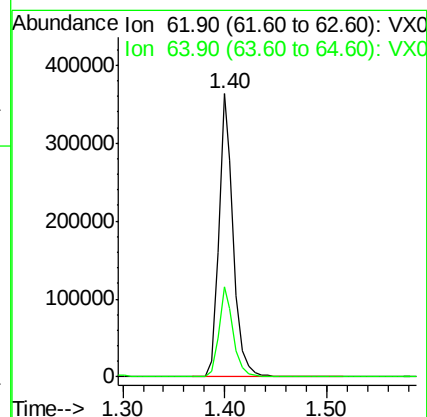
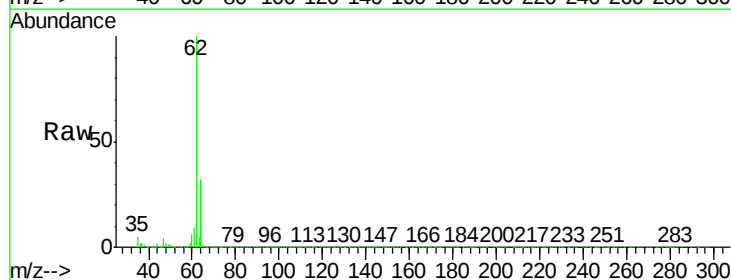
Acq: 22 Jan 2020 12:57

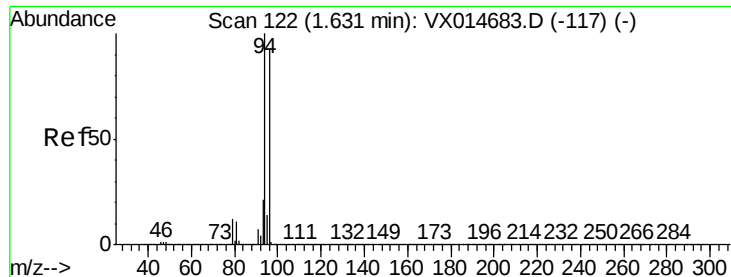
Tgt Ion: 62 Resp: 360566

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 46.299 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

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ClientSampleId :

ICVVX012220

Tot Ion: 94 Resp: 218782

Ion Ratio Lower Upper

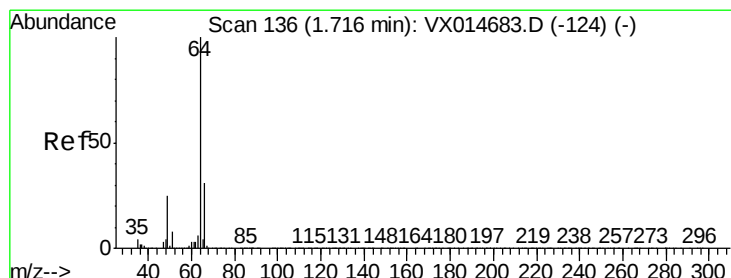
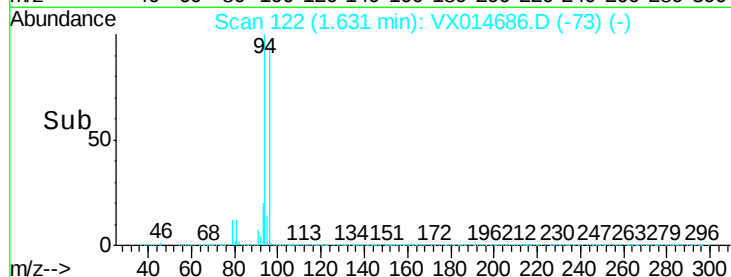
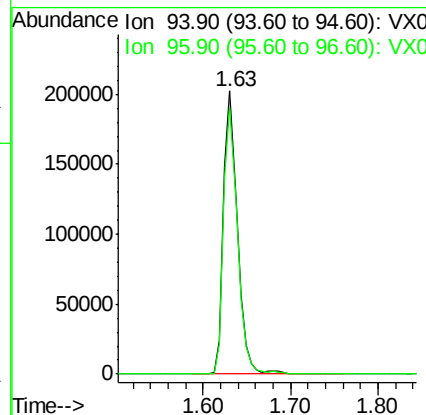
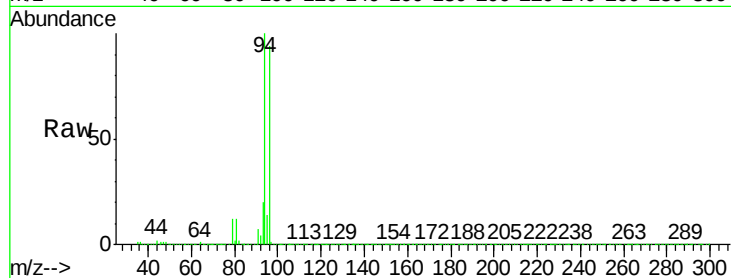
94 100

96 94.1 74.7 112.1

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#6

Chloroethane

Concen: 47.830 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014686.D

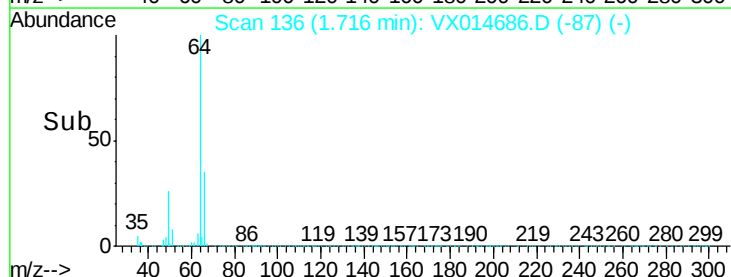
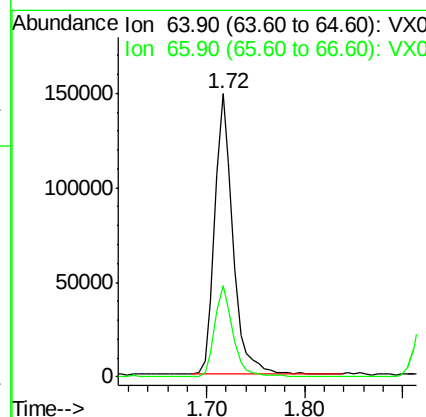
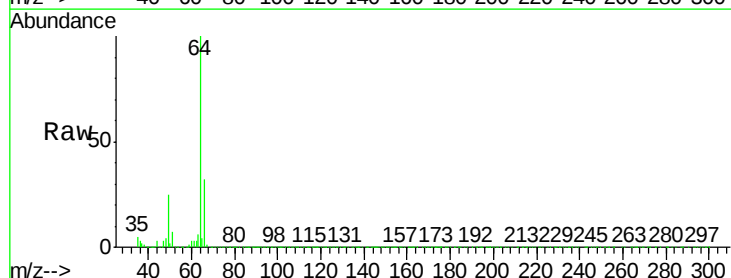
Acq: 22 Jan 2020 12:57

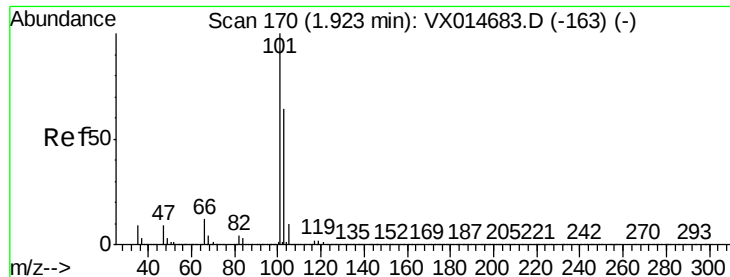
Tgt Ion: 64 Resp: 190614

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8





#7

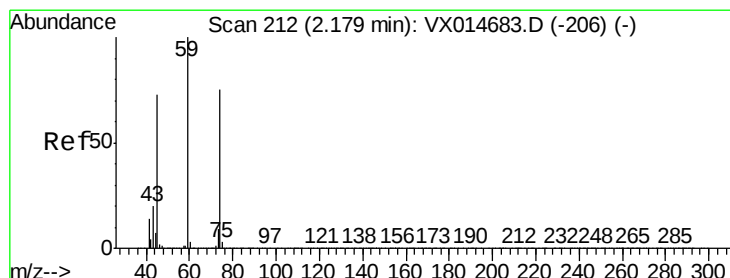
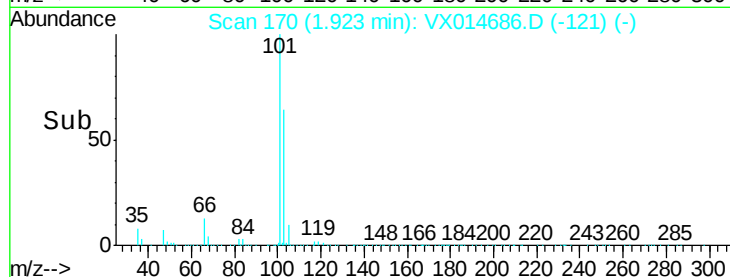
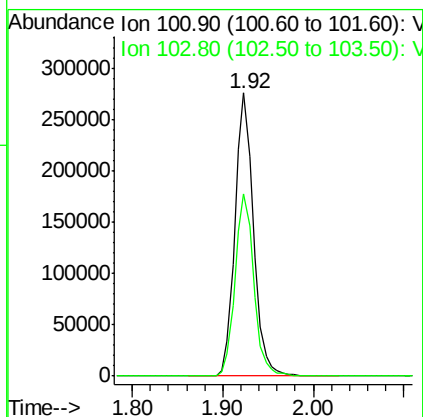
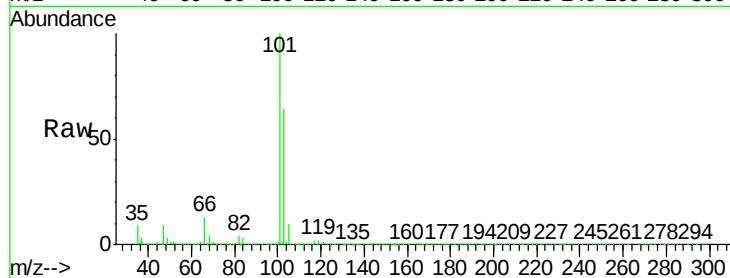
Trichlorofluoromethane
Concen: 48.331 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014686.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.0	76.6

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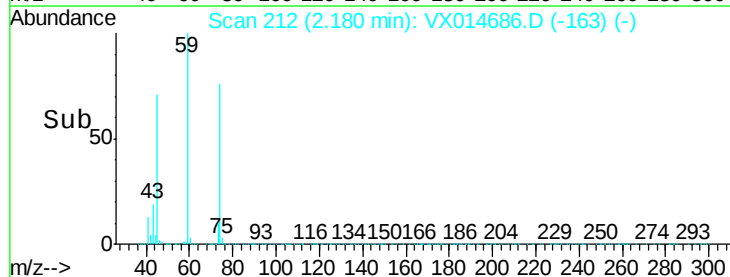
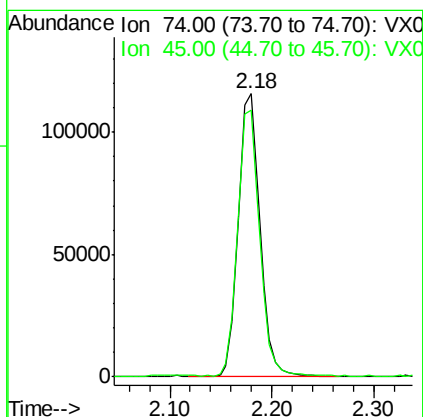
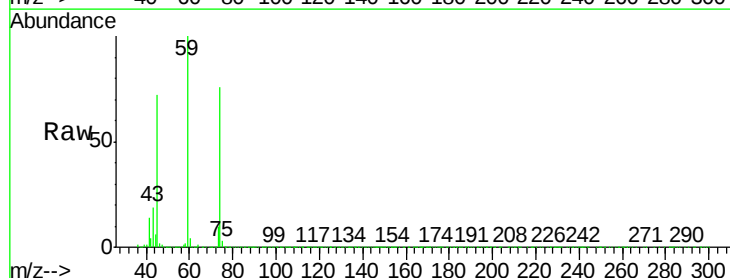
MMDadoda
1/24/2020 1:39:20 PM

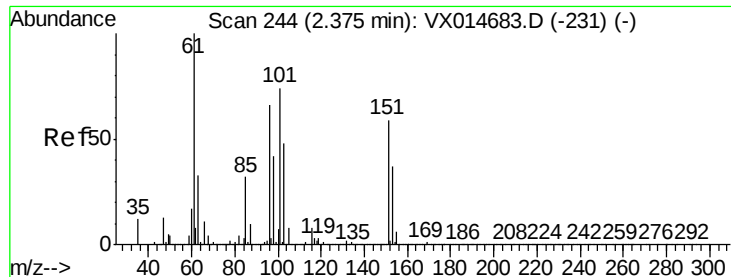


#8

Diethyl Ether
Concen: 47.476 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.924 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

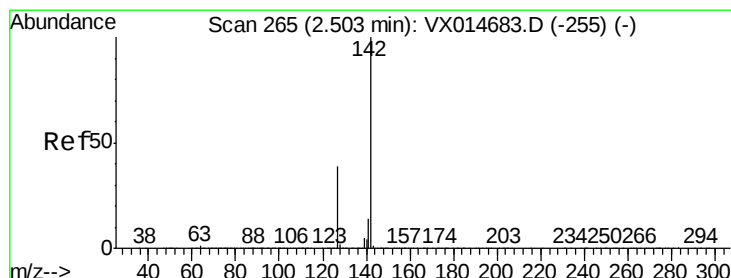
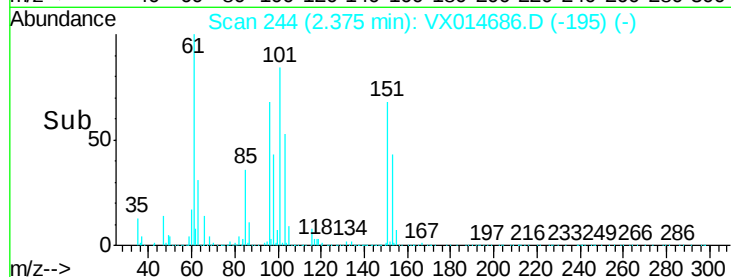
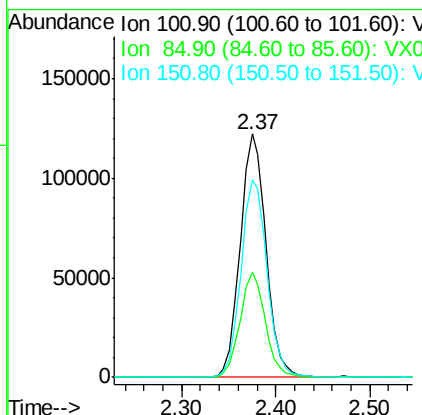
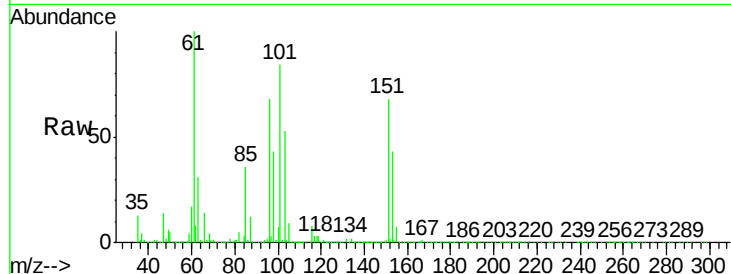
ClientSampleId :

ICVVX012220

Tot Ion:	101	Resp:	232651
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.7	52.1
151	82.3	64.7	97.1

Manual Integrations
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MMDadoda
1/24/2020 1:39:20 PM



#10

Methyl Iodide

Concen: 45.108 ug/l

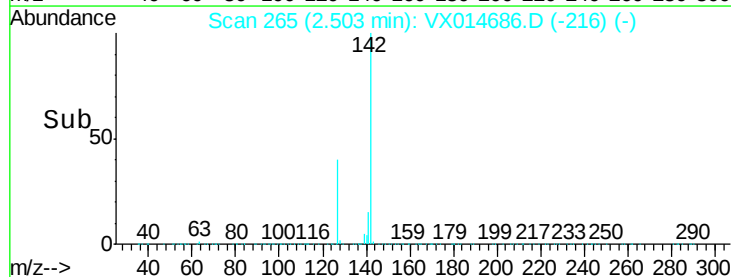
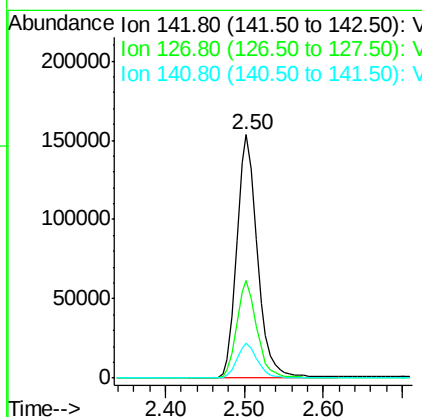
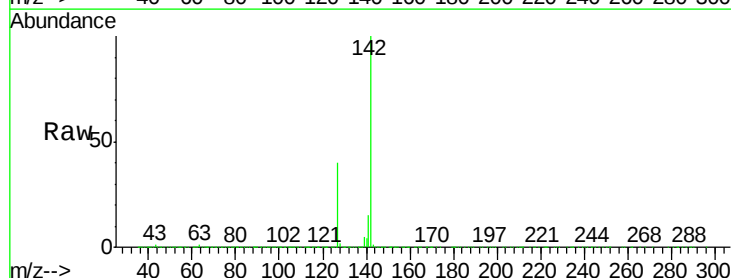
RT: 2.50 min Scan# 265

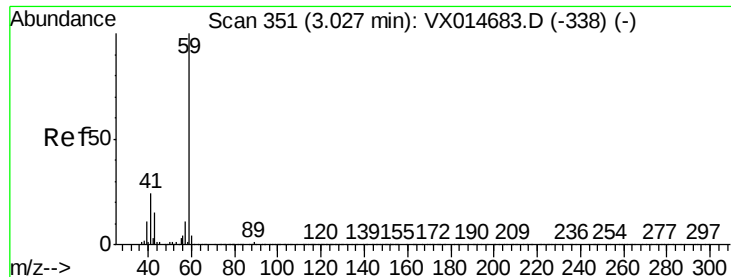
Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:	142	Resp:	281464
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.1	46.7
141	14.1	11.3	16.9





#11

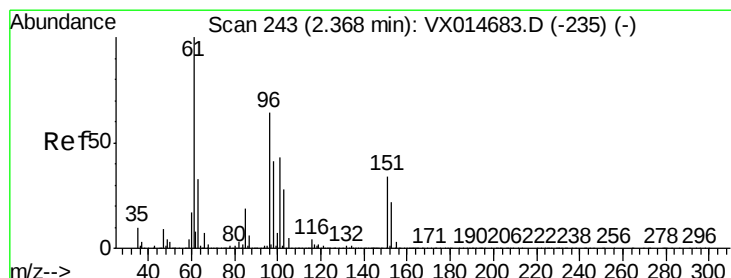
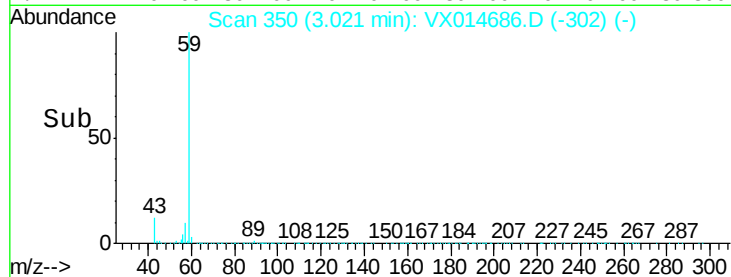
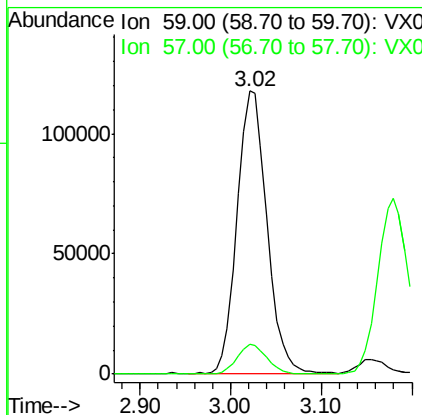
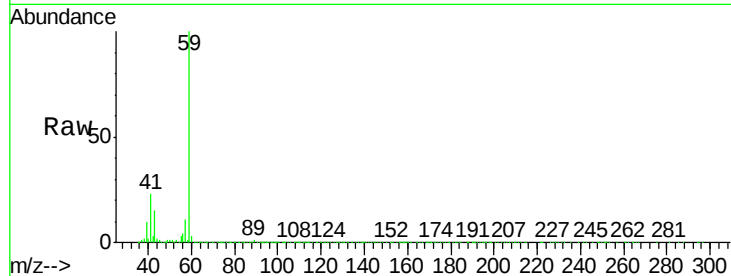
Tert butyl alcohol
Concen: 215.925 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampled :
ICVX012220

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

Manual Integrations
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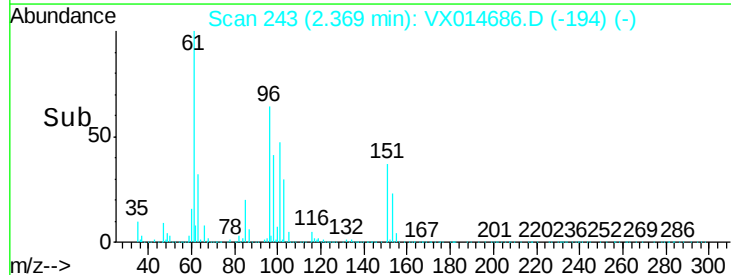
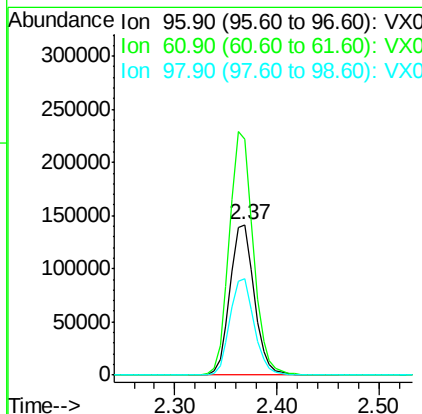
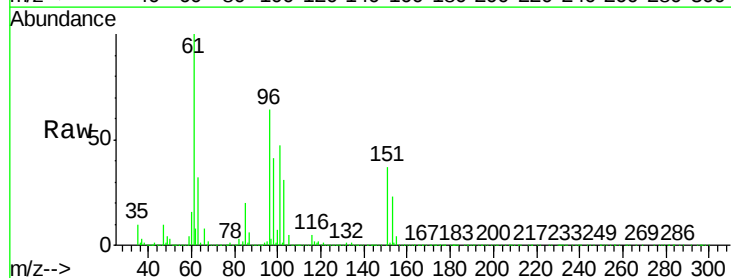
MMDadoda
1/24/2020 1:39:20 PM

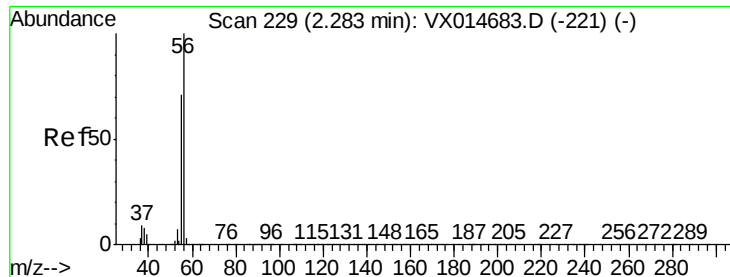


#12

1,1-Dichloroethene
Concen: 49.098 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	125.8	188.8
98	63.6	51.5	77.3





#13

Acrolein

Concen: 225.296 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion: 56 Resp: 221508

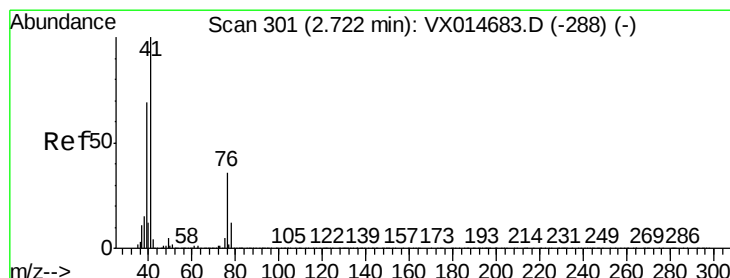
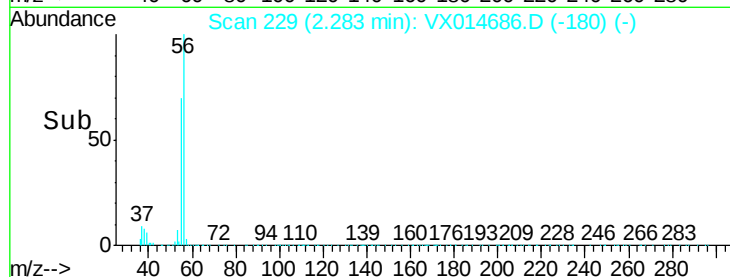
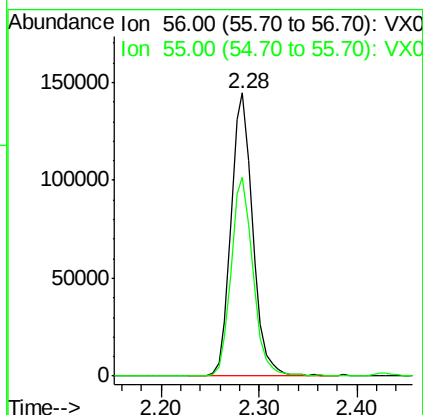
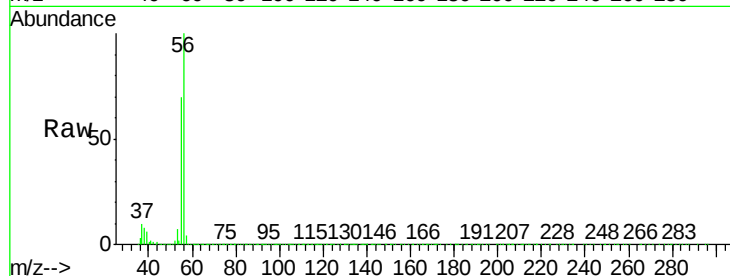
Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8

Manual Integrations
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1/24/2020 1:39:20 PM



#14

Allyl chloride

Concen: 48.952 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

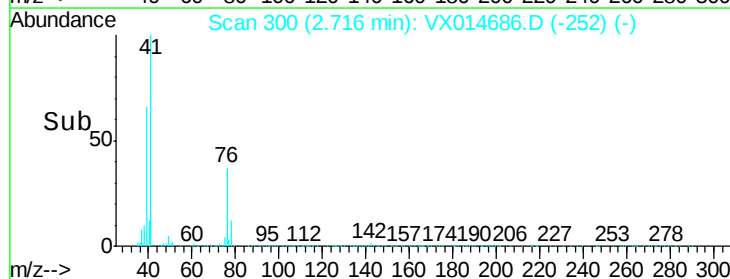
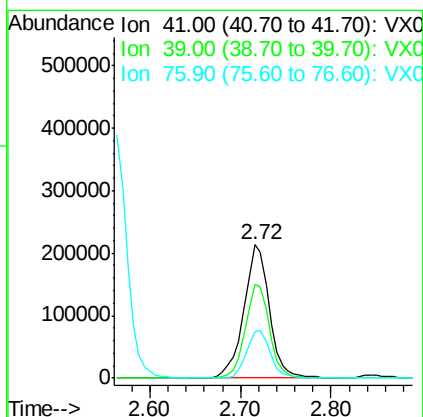
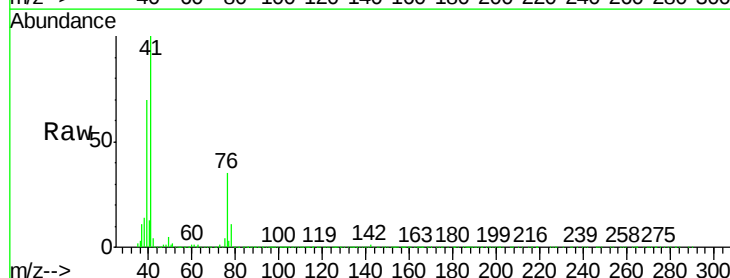
Tgt Ion: 41 Resp: 416010

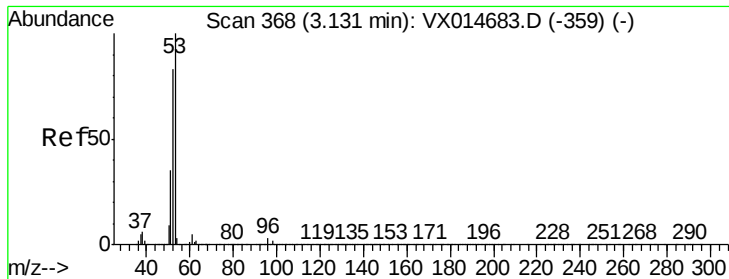
Ion Ratio Lower Upper

41 100

39 66.0 52.0 78.0

76 32.9 26.0 39.0





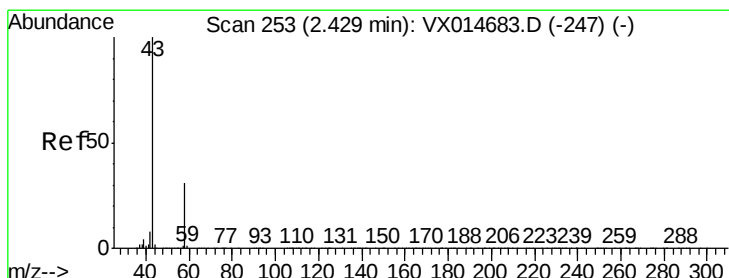
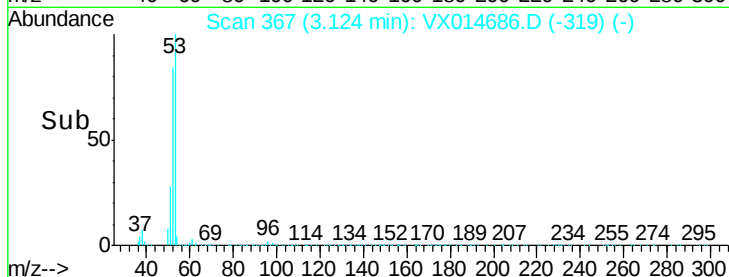
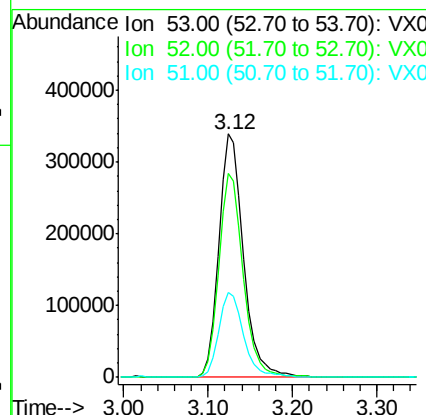
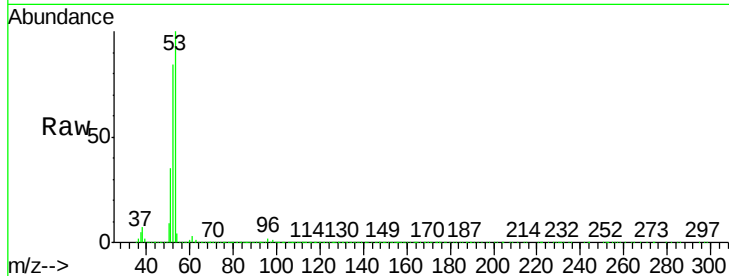
#15
 Acrylonitrile
 Concen: 236.417 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

Tot Ion:	53	Resp:	682097
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.4	99.6
51	35.7	28.7	43.1

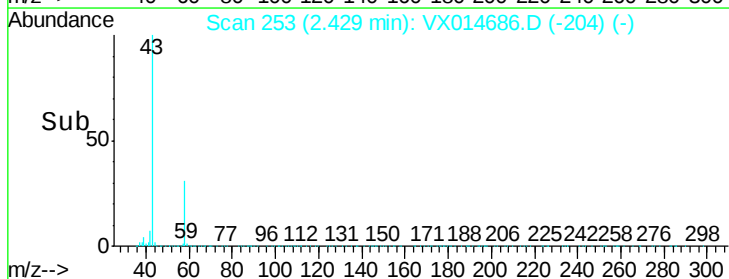
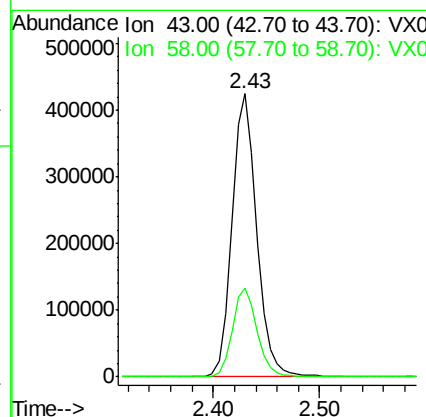
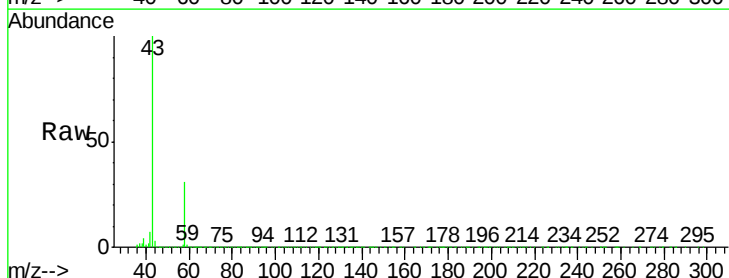
Manual Integrations
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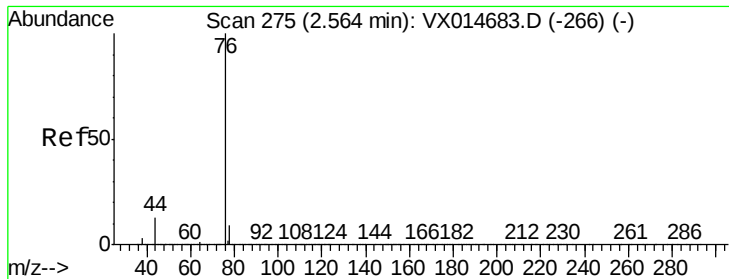
MMDadoda
 1/24/2020 1:39:20 PM



#16
 Acetone
 Concen: 223.910 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion:	43	Resp:	681532
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.5	36.7





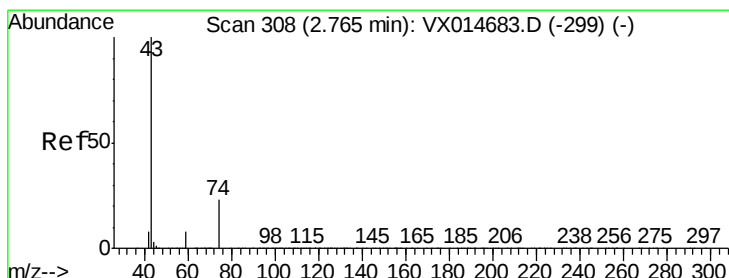
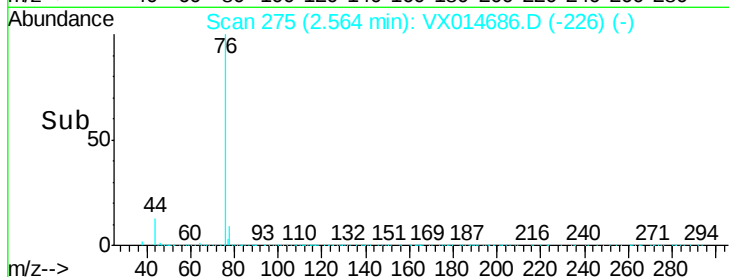
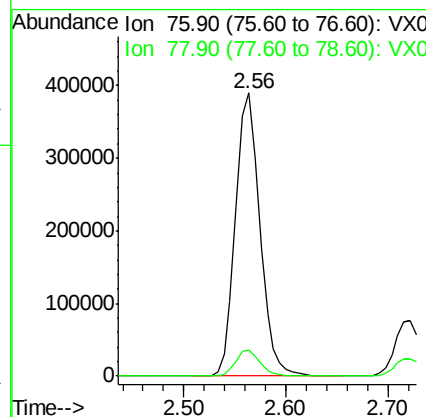
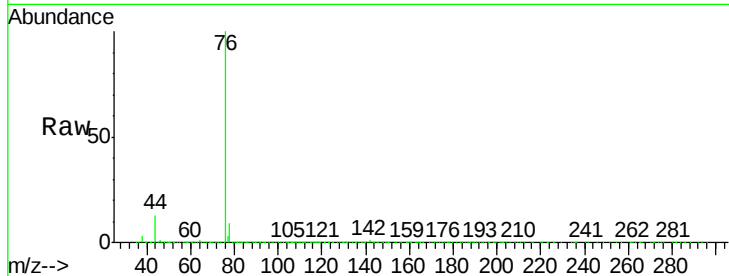
#17
Carbon Disulfide
Concen: 49.910 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

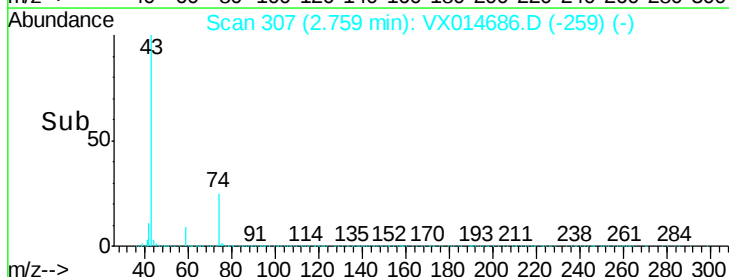
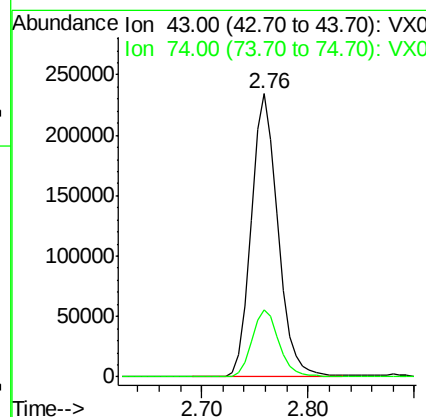
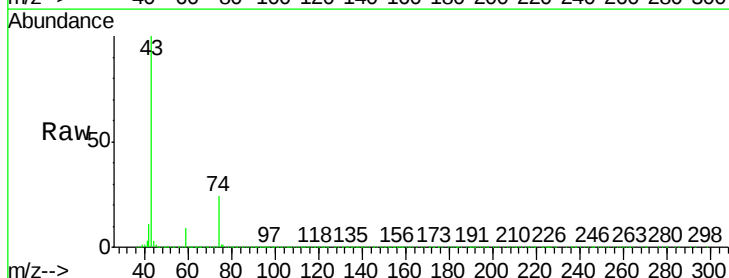
Manual Integrations
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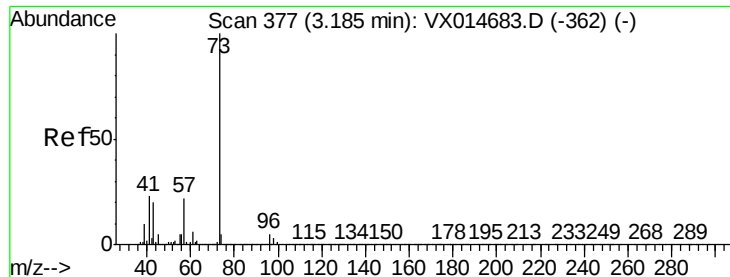
MMDadoda
1/24/2020 1:39:20 PM



#18
Methyl Acetate
Concen: 47.319 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.5	27.7





#19

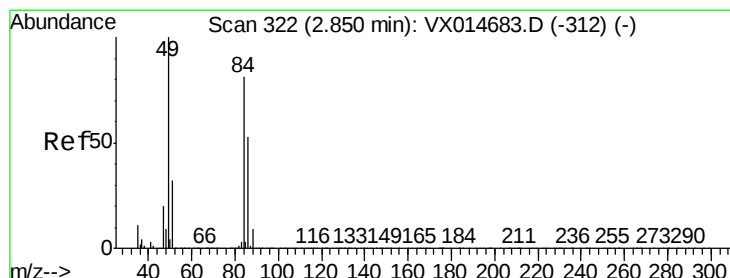
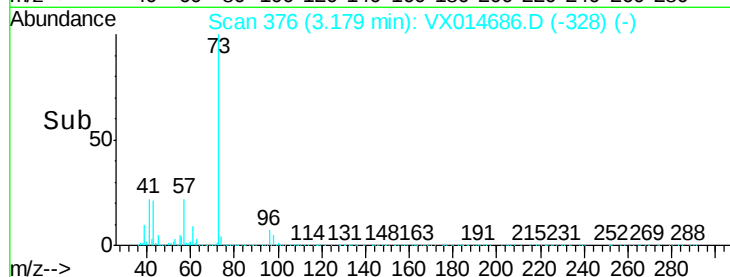
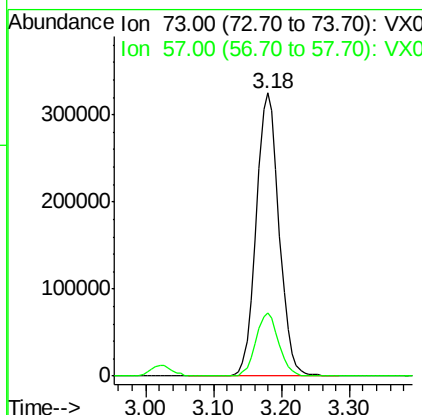
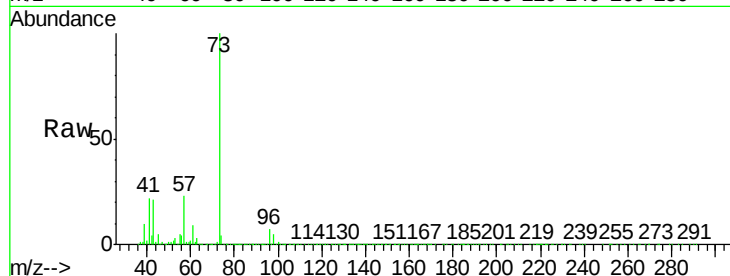
Methyl tert-butyl Ether
Concen: 49.261 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.0	27.0

Manual Integrations
APPROVED

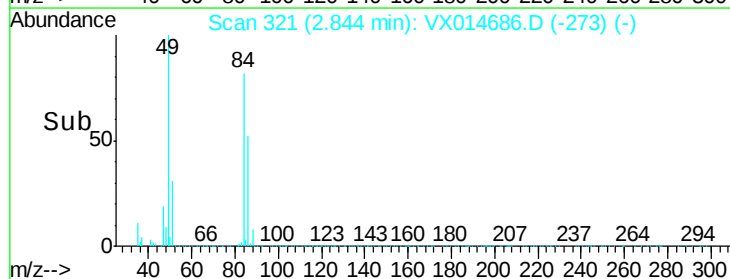
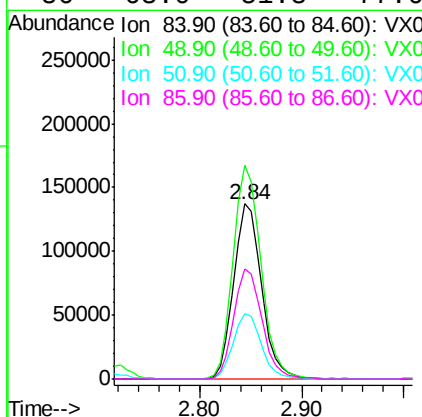
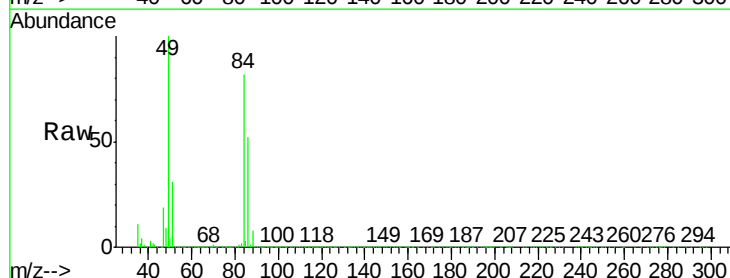
MMDadoda
1/24/2020 1:39:20 PM

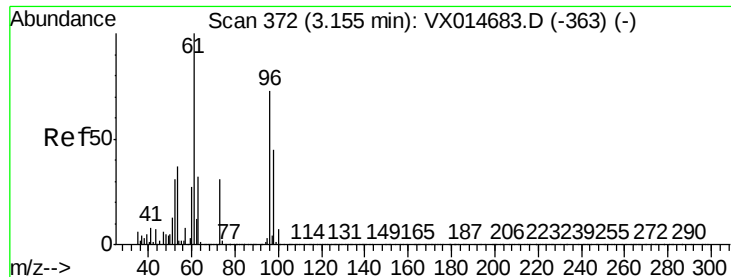


#20

Methylene Chloride
Concen: 45.961 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	98.2	147.4
51	37.3	31.3	46.9
86	63.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.641 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

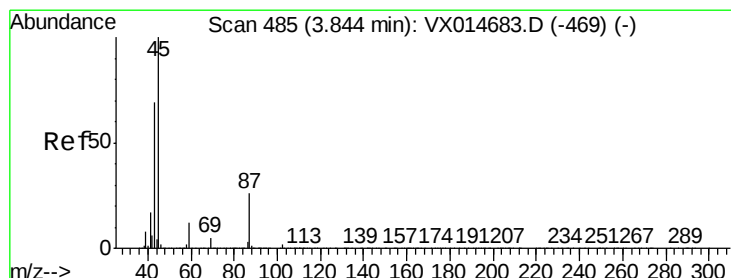
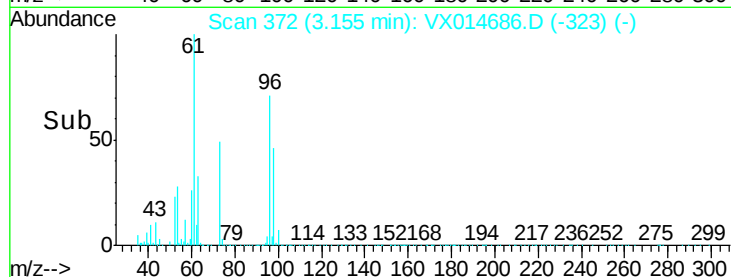
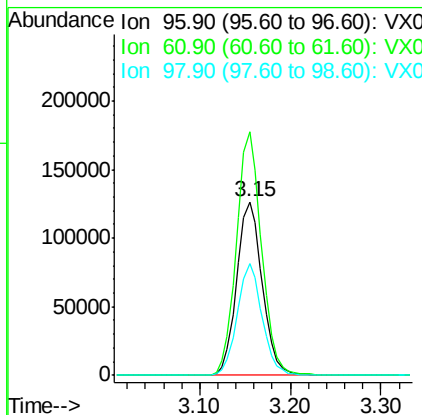
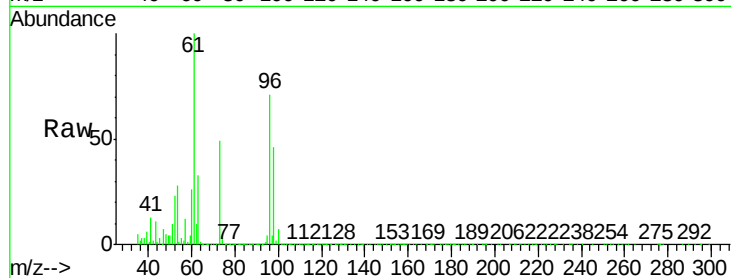
ClientSampleId :

ICVVX012220

Tot Ion:	96	Resp:	248010
Ion	Ratio	Lower	Upper
96	100		
61	140.1	109.8	164.6
98	64.7	49.6	74.4

Manual Integrations
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1/24/2020 1:39:20 PM



#22

Diisopropyl ether

Concen: 48.759 ug/l

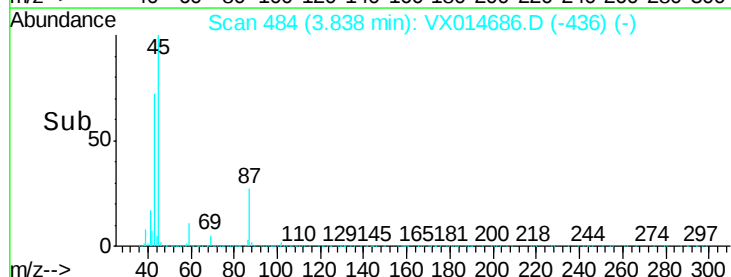
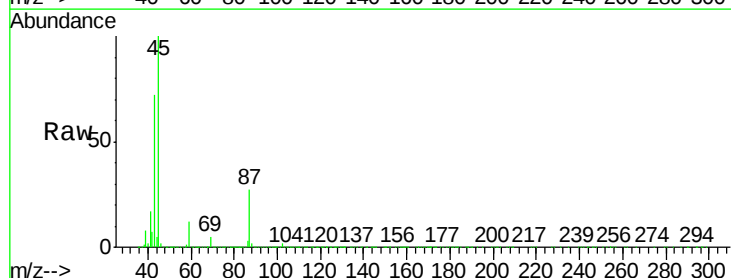
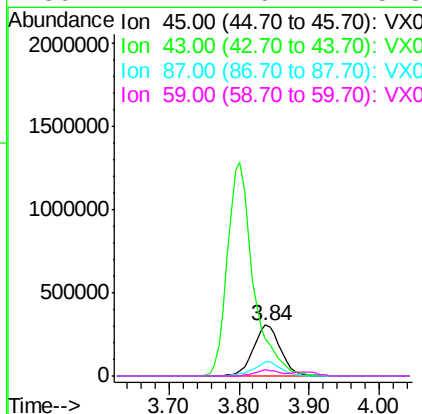
RT: 3.84 min Scan# 484

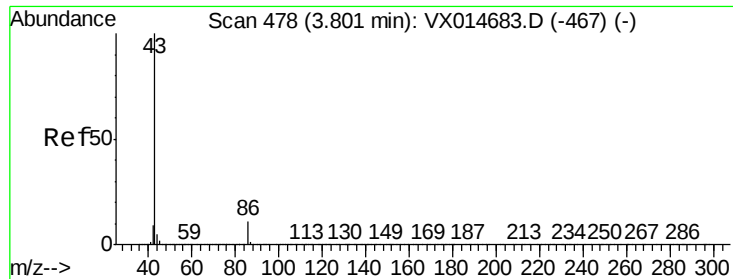
Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:	45	Resp:	824417
Ion	Ratio	Lower	Upper
45	100		
43	72.1	55.1	82.7
87	26.9	20.7	31.1
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 256.226 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion: 43 Resp: 3302431

Ion Ratio Lower Upper

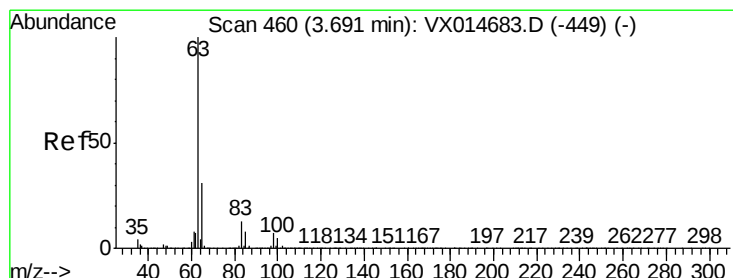
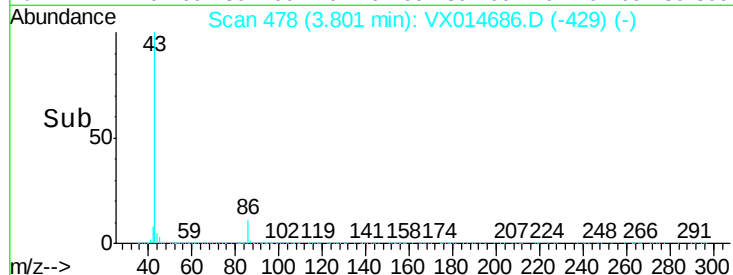
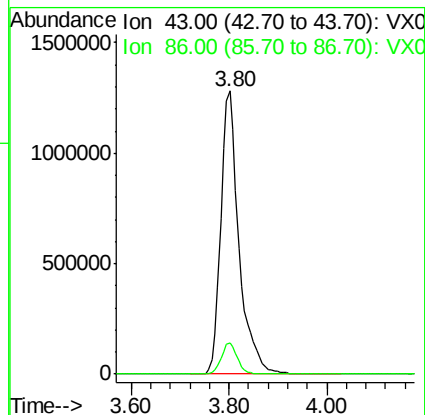
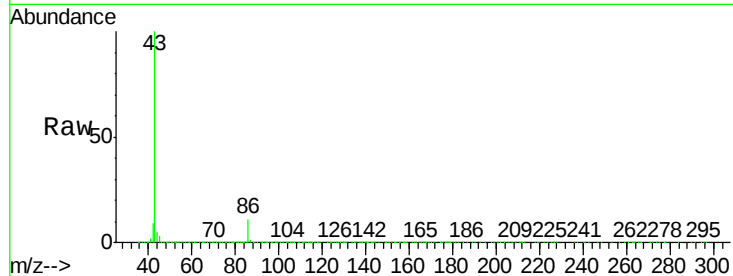
43 100

86 11.1 8.4 12.6

Manual Integrations
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1/24/2020 1:39:20 PM



#24

1,1-Dichloroethane

Concen: 48.268 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

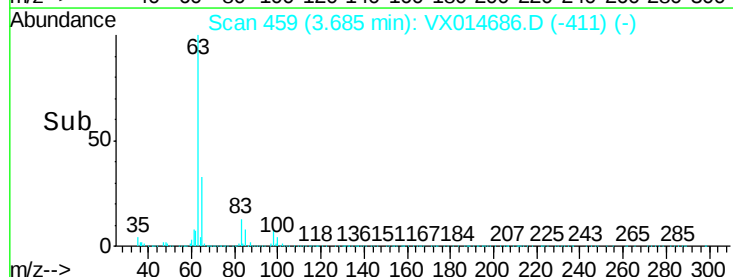
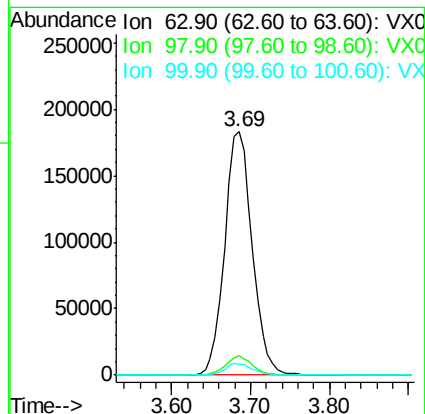
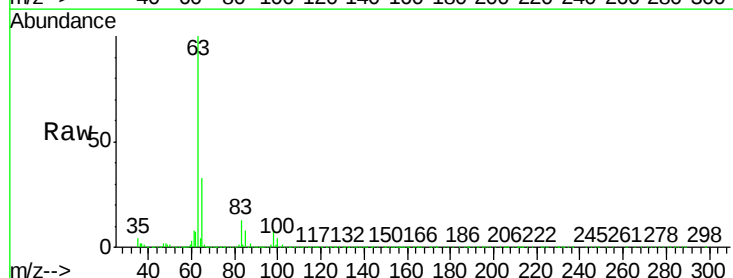
Tgt Ion: 63 Resp: 443207

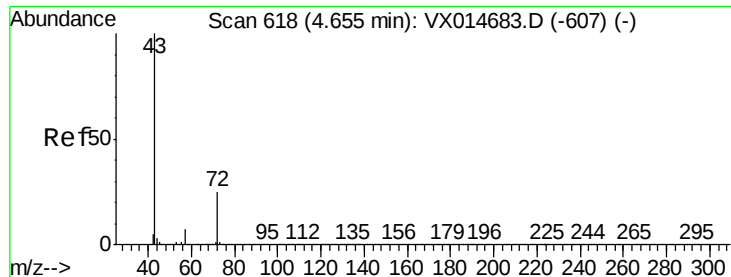
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 231.316 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion: 43 Resp: 1008836

Ion Ratio Lower Upper

43 100

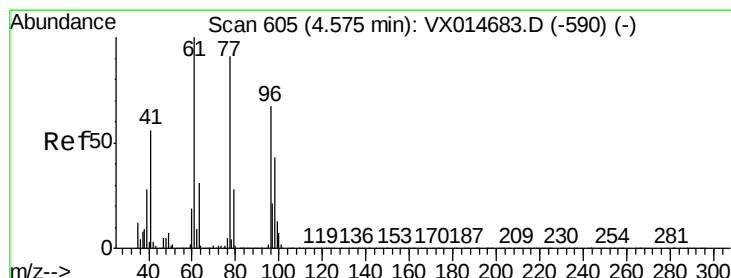
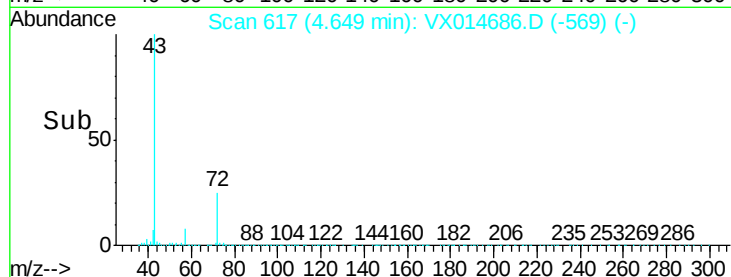
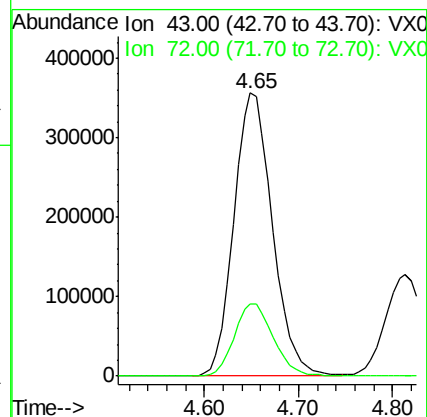
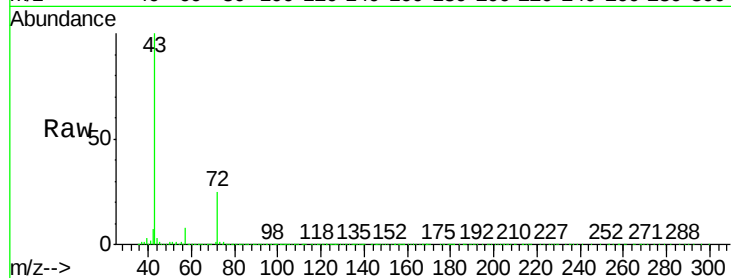
72 25.3 19.9 29.9

Manual Integrations

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MMDadoda

1/24/2020 1:39:20 PM



#26

2,2-Dichloropropane

Concen: 50.102 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014686.D

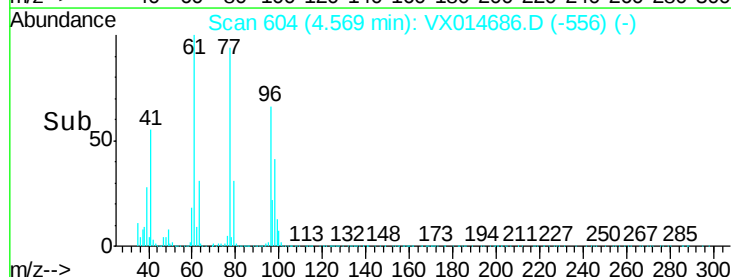
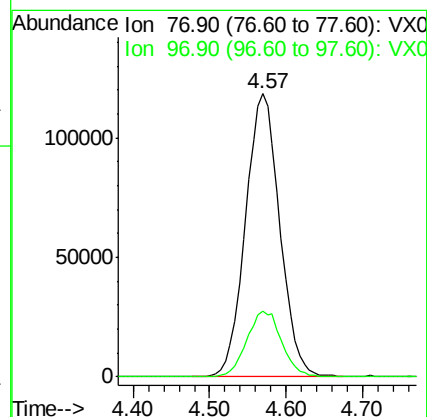
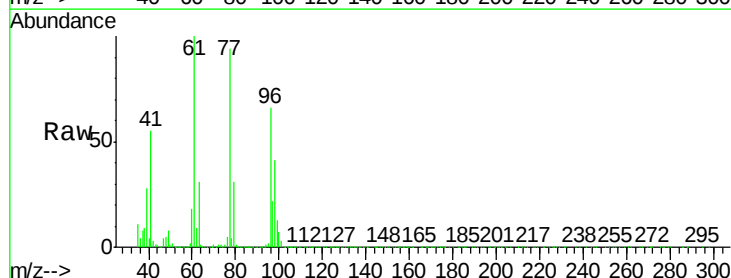
Acq: 22 Jan 2020 12:57

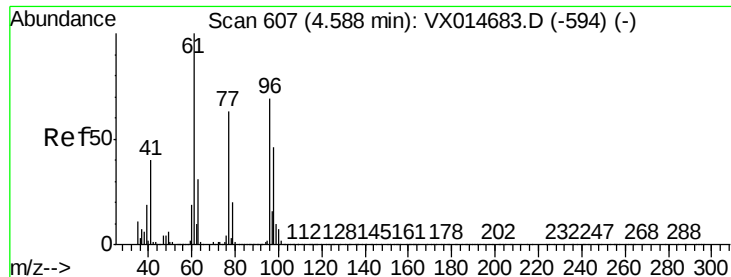
Tgt Ion: 77 Resp: 368236

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

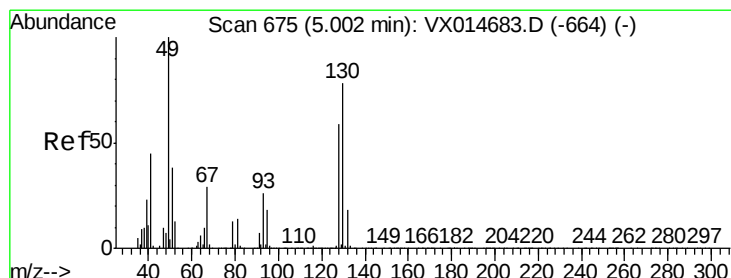
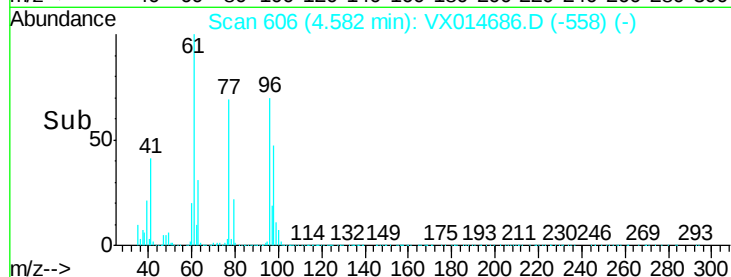
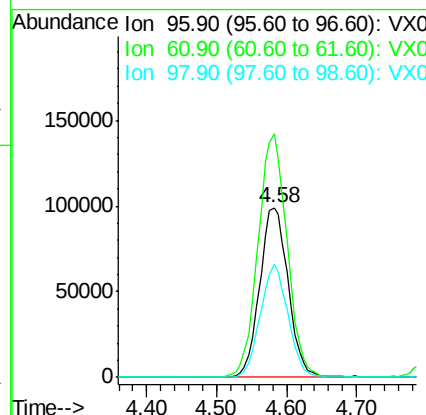
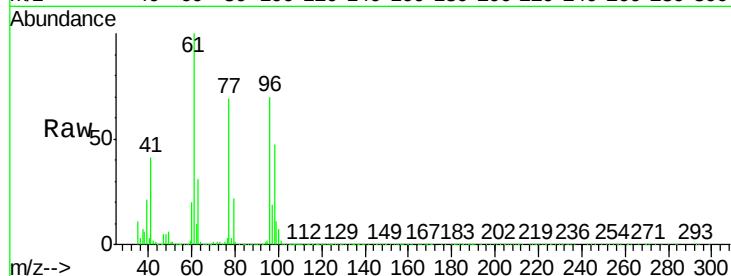
cis-1,2-Dichloroethene
Concen: 48.070 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Resp	Lower	Upper
96	100	280074		
61	145.3	0.0	291.0	
98	64.8	0.0	129.8	

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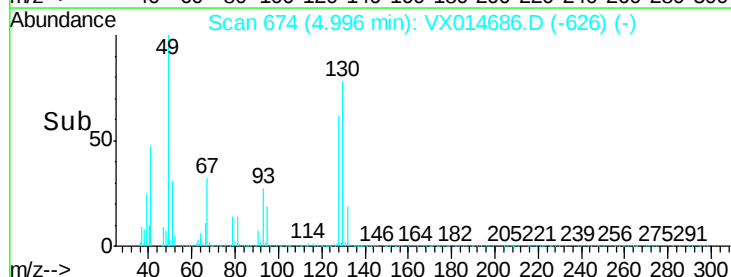
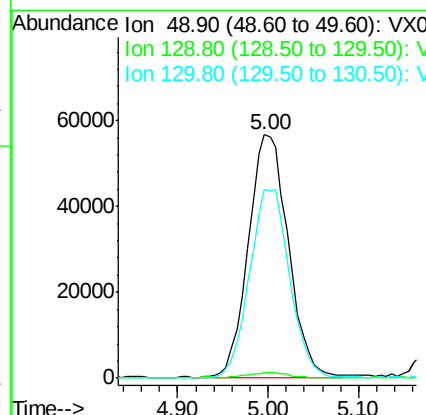
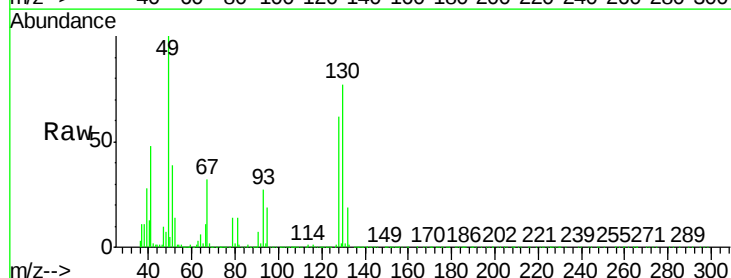
MMDadoda
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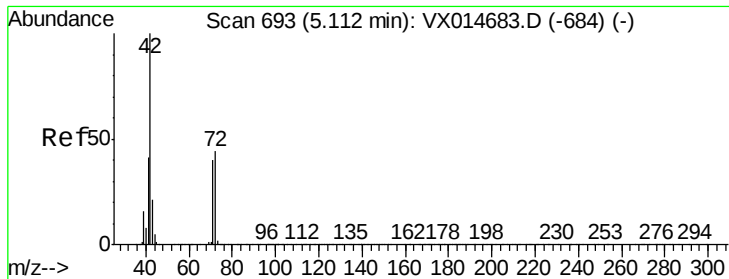


#28

Bromochloromethane
Concen: 42.762 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172544		
129	2.7	0.0	4.8	
130	77.6	62.4	93.6	





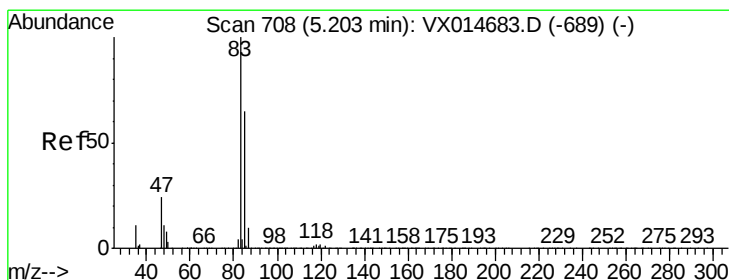
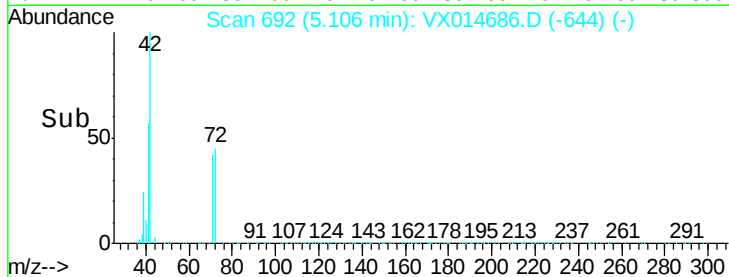
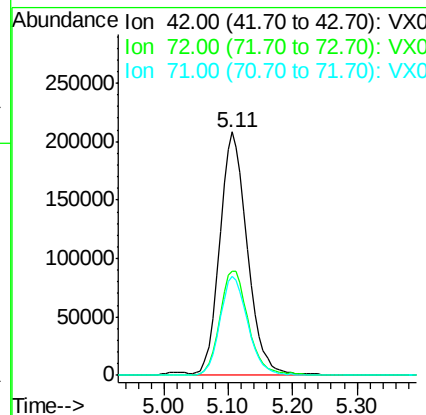
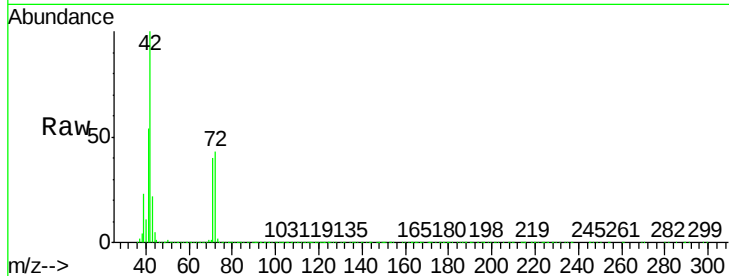
#29
Tetrahydrofuran
Concen: 240.700 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.3	52.9
71	41.0	33.1	49.7

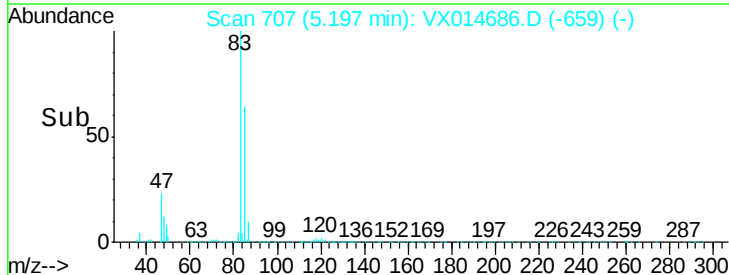
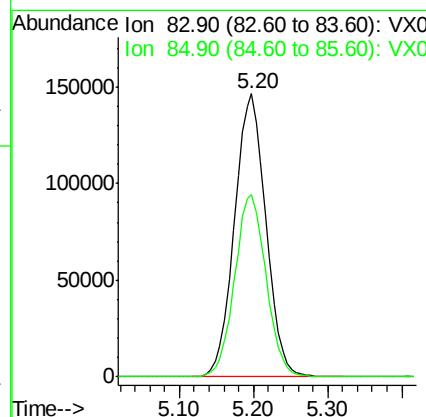
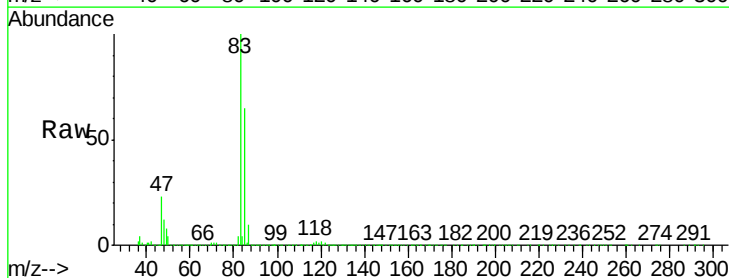
Manual Integrations
APPROVED

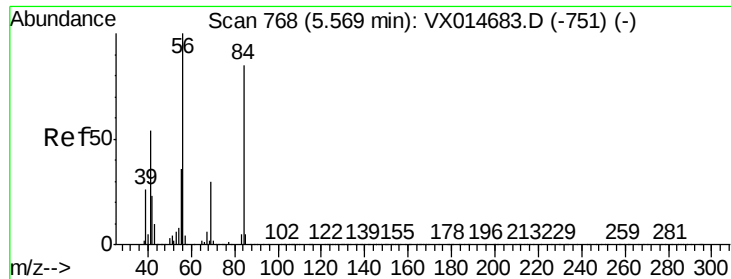
MMDadoda
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#30
Chloroform
Concen: 47.302 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.7	77.5





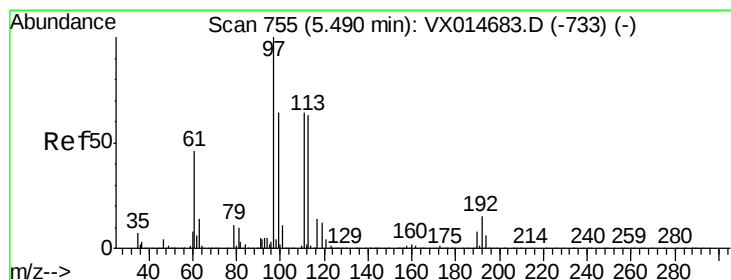
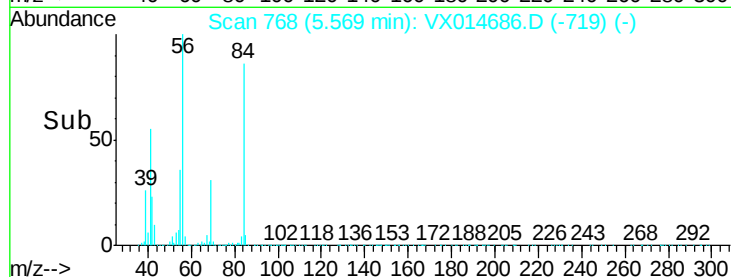
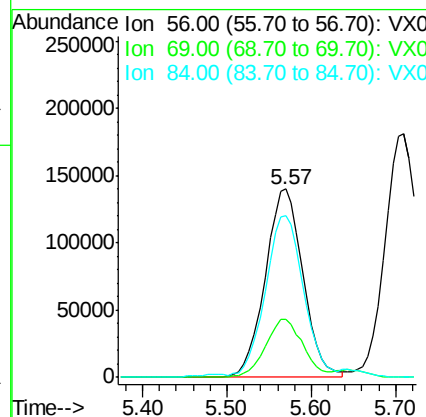
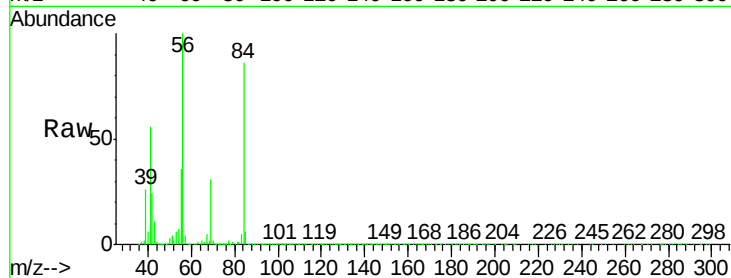
#31
Cyclohexane
Concen: 50.085 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.4	35.2
84	85.3	68.4	102.6

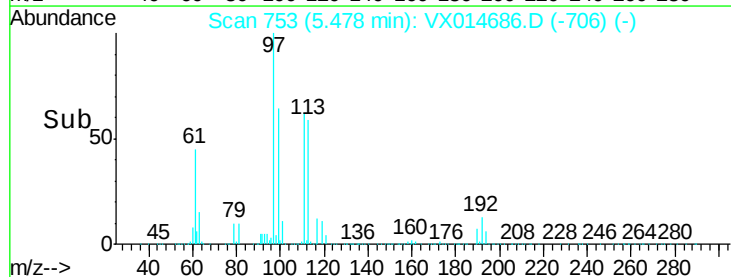
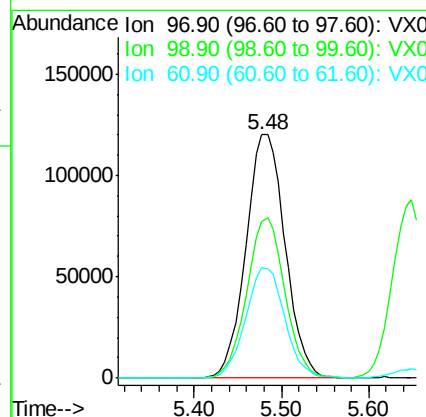
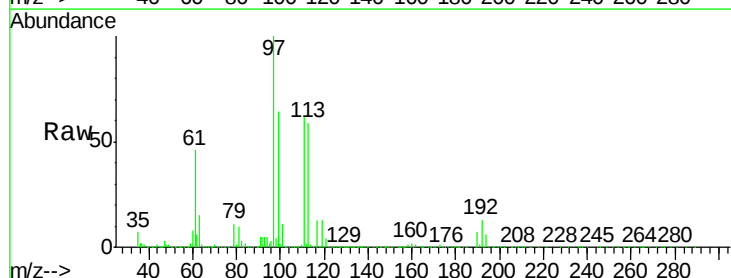
Manual Integrations
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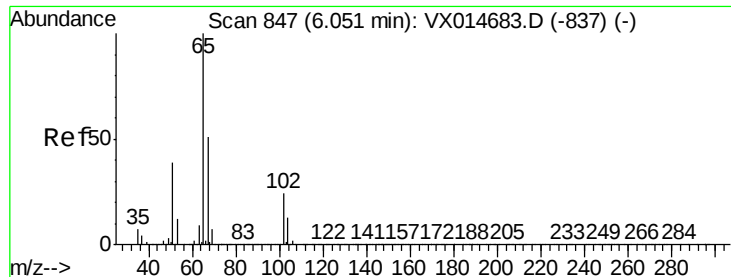
MMDadoda
1/24/2020 1:39:20 PM



#32
1,1,1-Trichloroethane
Concen: 48.622 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.3	78.5
61	45.1	37.2	55.8





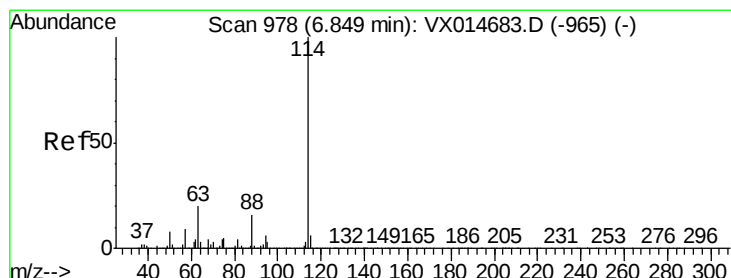
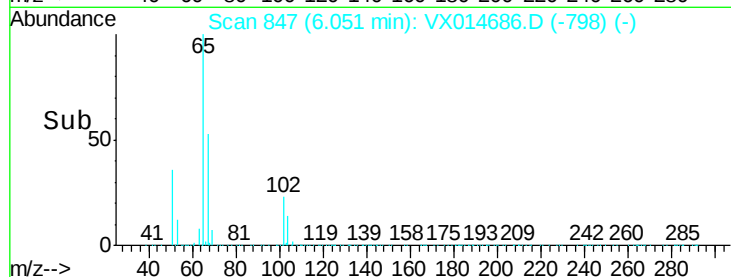
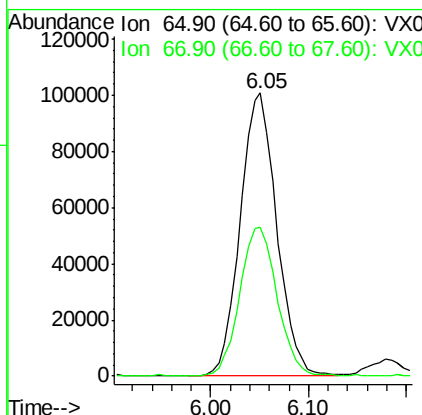
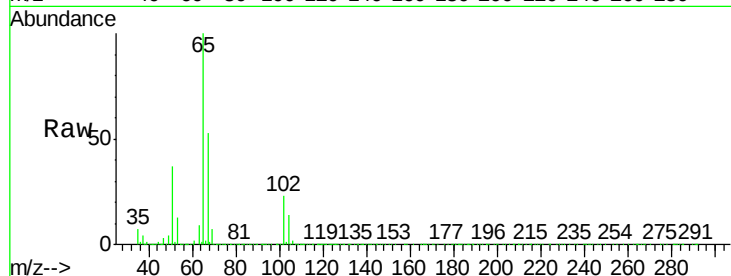
#33
 1,2-Dichloroethane-d4
 Concen: 47.015 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

Tot Ion	Ratio	Resp	Lower	Upper
65	100	261127		
67	53.7	0.0	107.4	

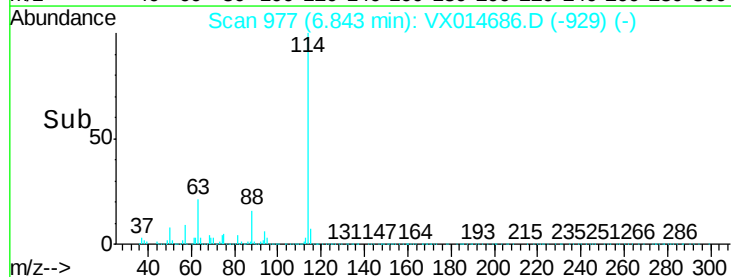
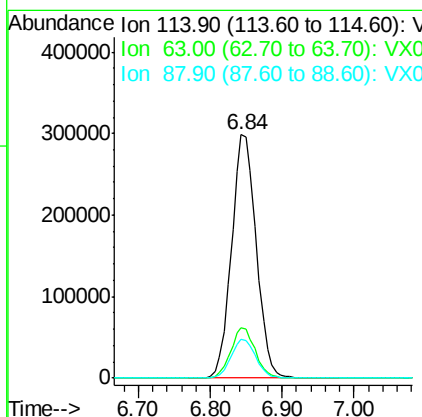
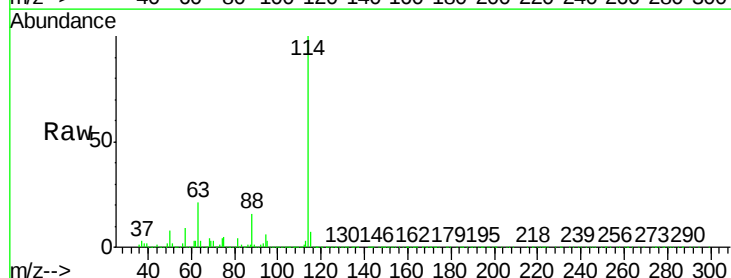
Manual Integrations
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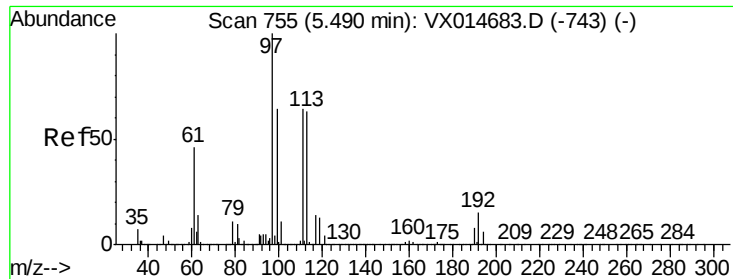
MMDadoda
 1/24/2020 1:39:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	708994		
63	20.6	0.0	40.6	
88	15.9	0.0	31.2	





#35

Dibromofluoromethane

Concen: 47.917 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

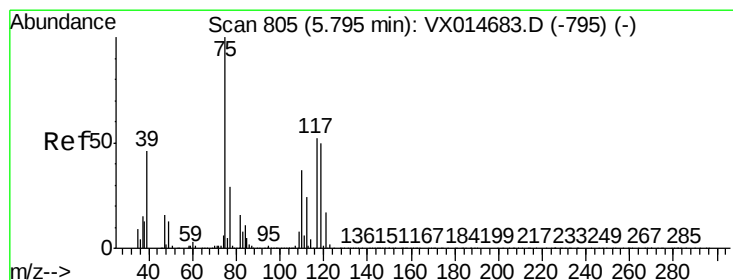
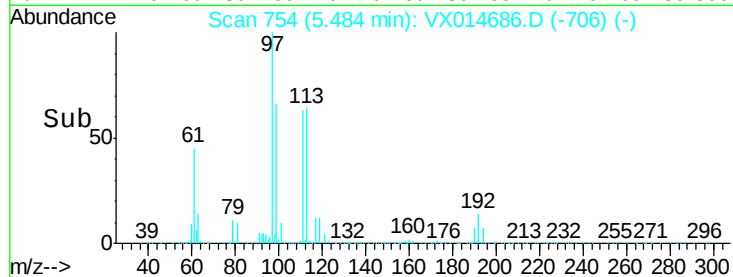
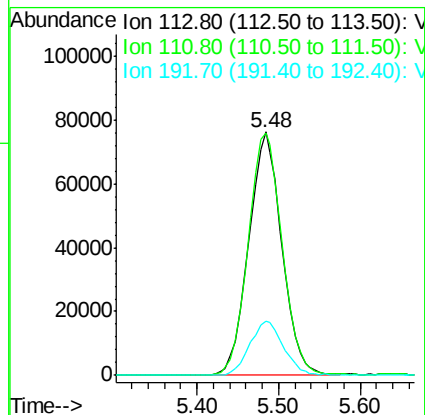
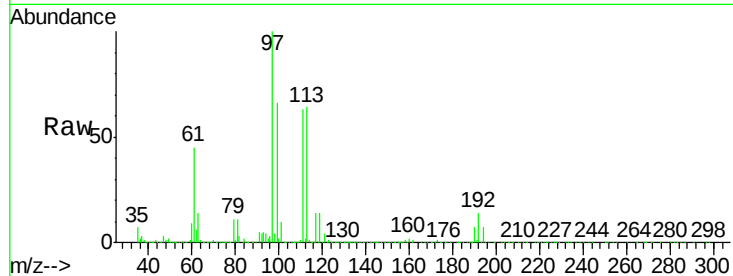
ClientSampleId :

ICVVX012220

Tot Ion:	113	Resp:	214365
Ion Ratio	Lower	Upper	
113	100		
111	102.4	80.7	121.1
192	22.9	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.055 ug/l

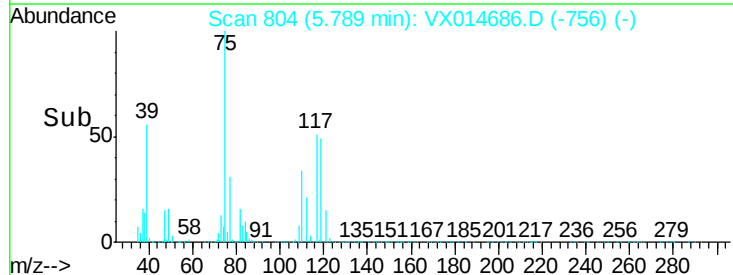
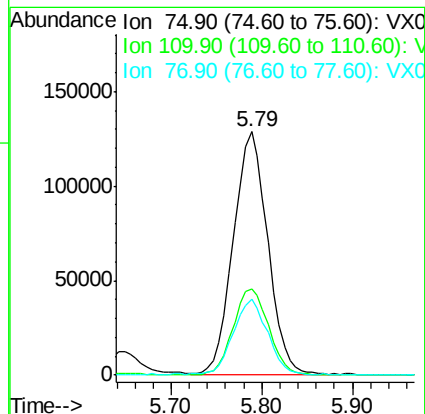
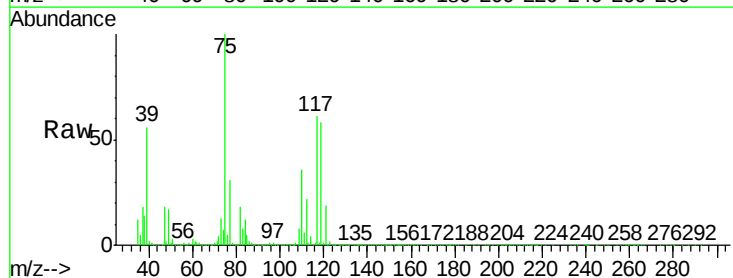
RT: 5.79 min Scan# 804

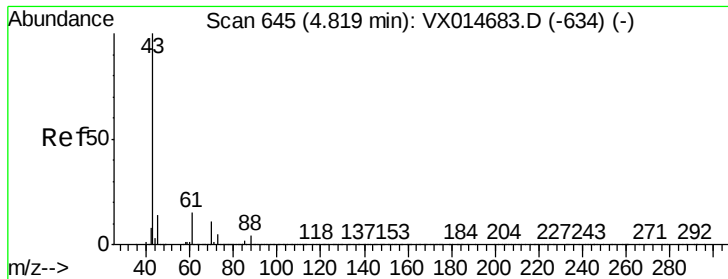
Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:	75	Resp:	336347
Ion Ratio	Lower	Upper	
75	100		
110	36.9	17.9	53.7
77	30.4	24.1	36.1





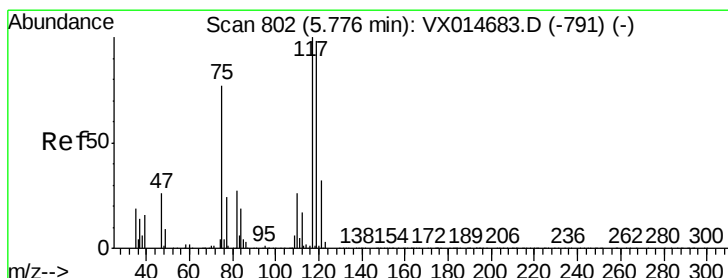
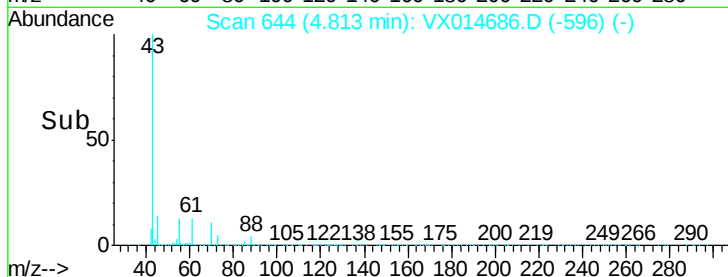
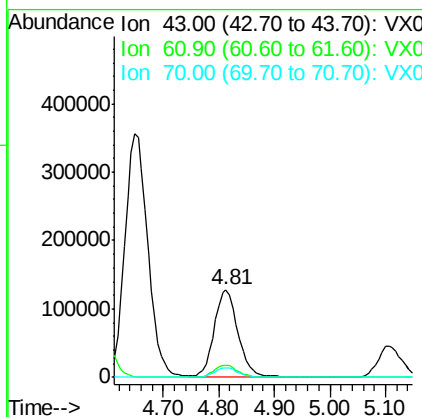
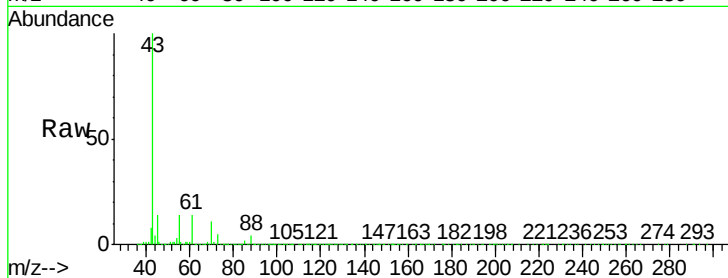
#37
Ethyl Acetate
Concen: 50.073 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	43	Resp	377822
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.7	8.5	12.7

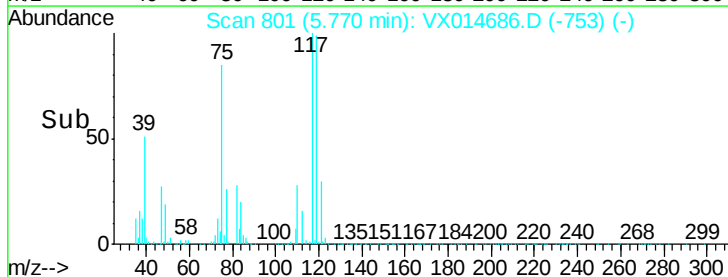
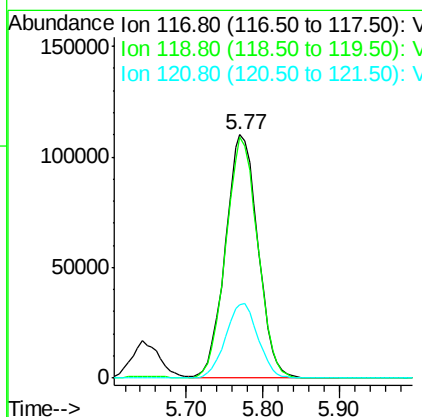
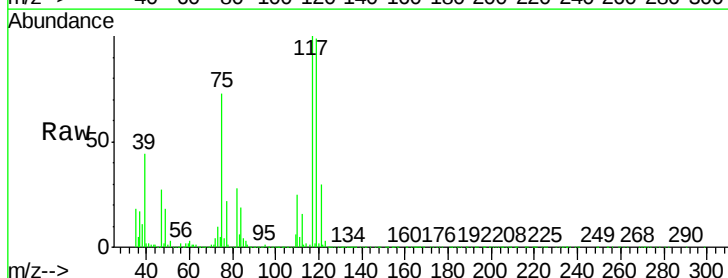
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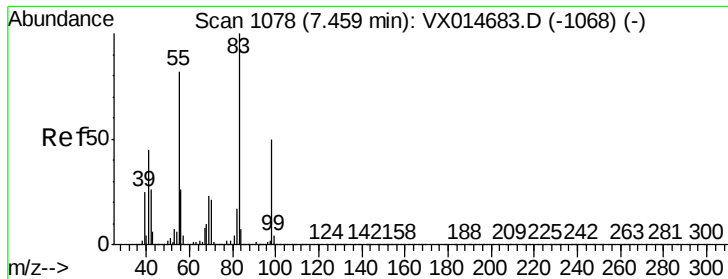
MMDadoda
1/24/2020 1:39:20 PM



#38
Carbon Tetrachloride
Concen: 51.154 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	117	Resp	321848
Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.9	116.9
121	29.8	25.4	38.2





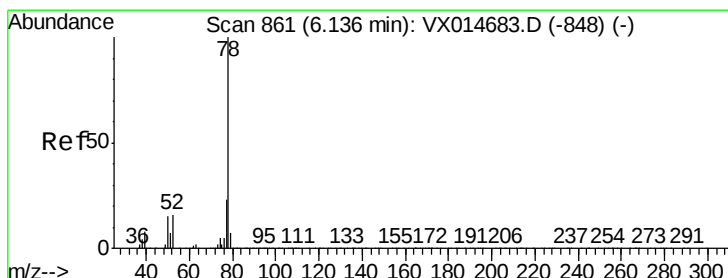
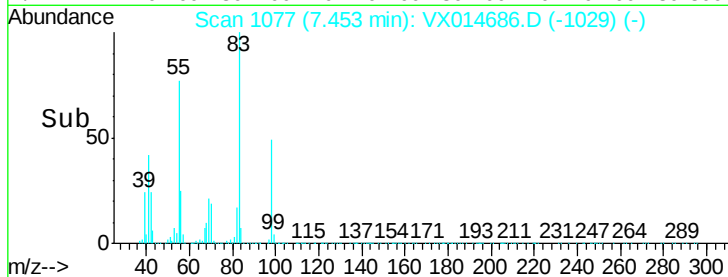
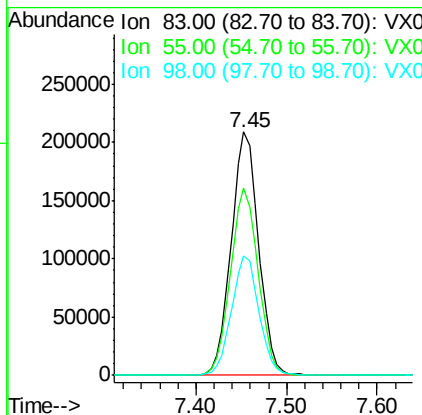
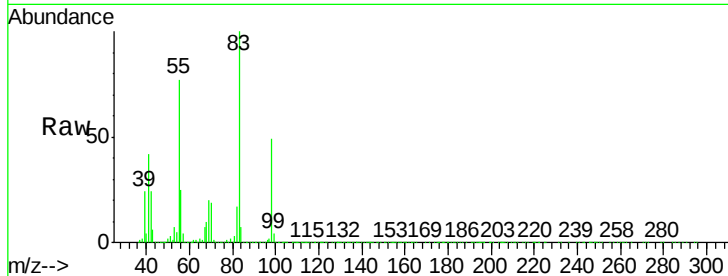
#39
Methvlcvclohexane
Concen: 53.085 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	65.6	98.4
98	49.2	40.2	60.4

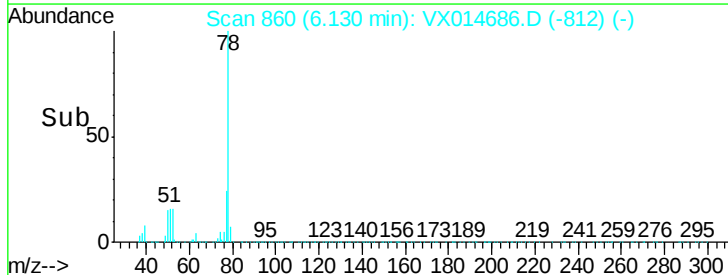
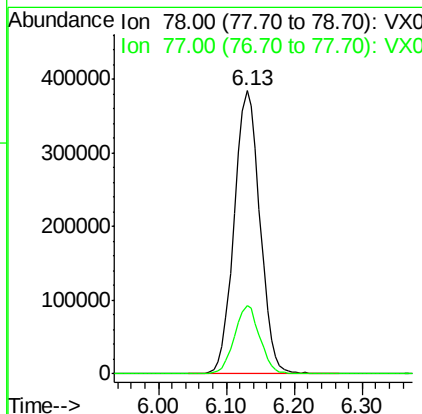
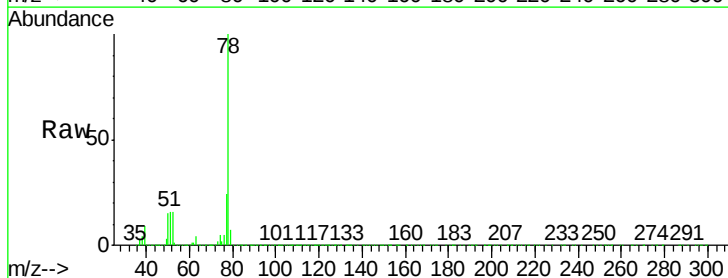
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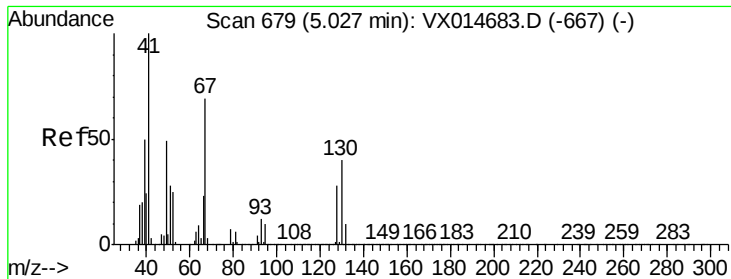
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#40
Benzene
Concen: 49.670 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1





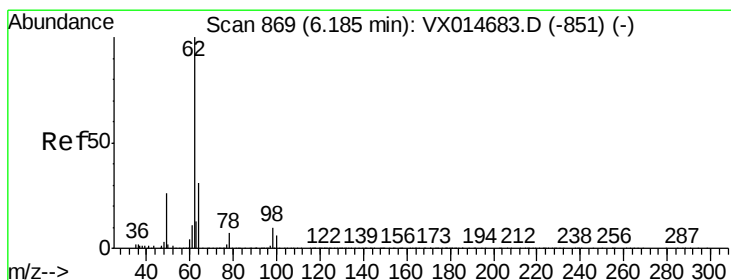
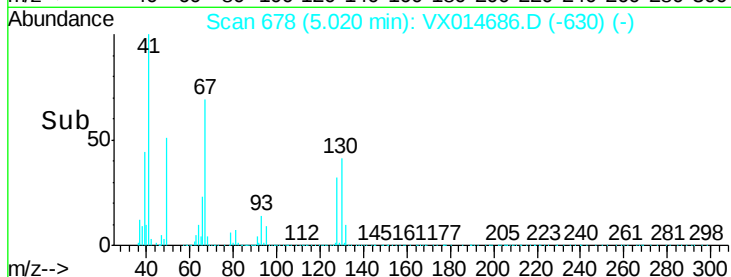
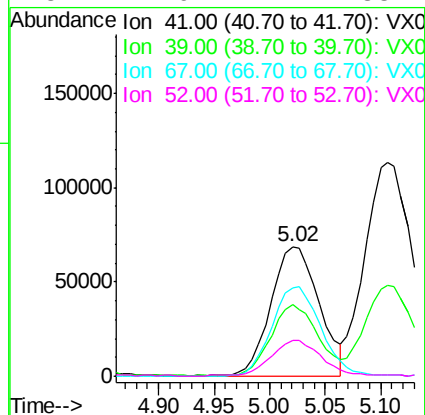
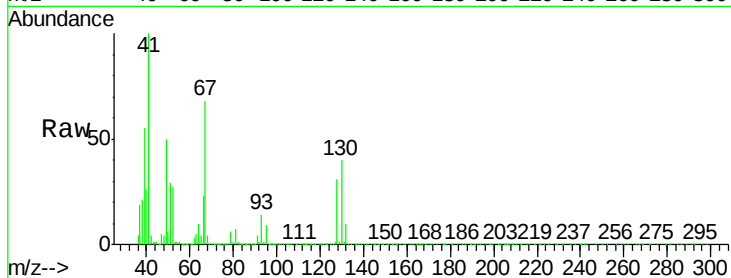
#41
Methacrylonitrile
Concen: 47.968 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		206535		
39	53.9	42.2	63.2		
67	70.9	55.4	83.0		
52	27.9	22.1	33.1		

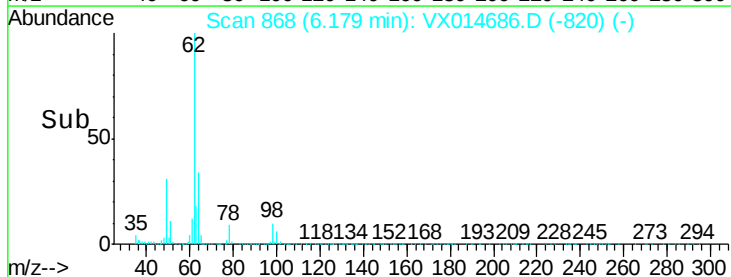
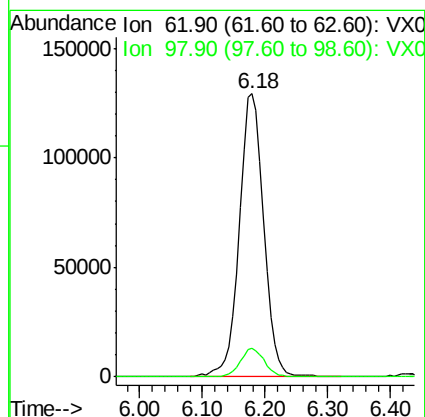
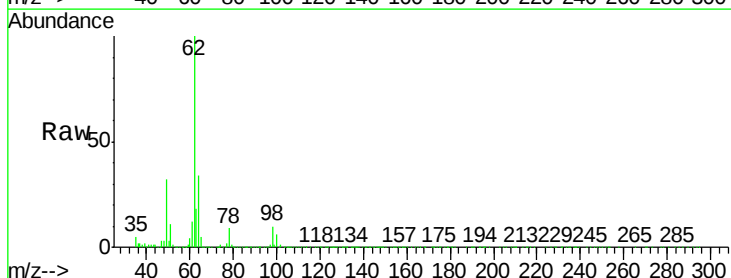
Manual Integrations
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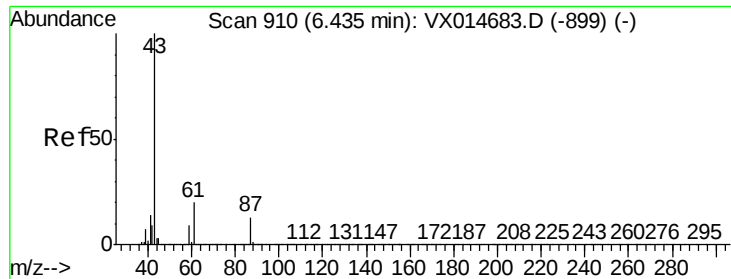
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1/24/2020 1:39:20 PM



#42
1,2-Dichloroethane
Concen: 49.300 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		346540		
98	9.9	0.0	20.0		





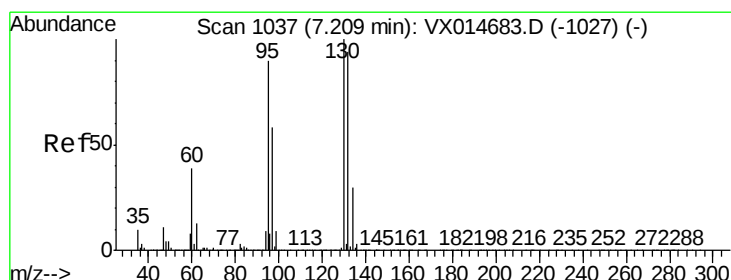
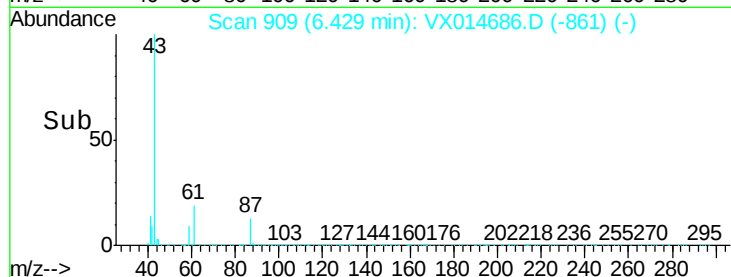
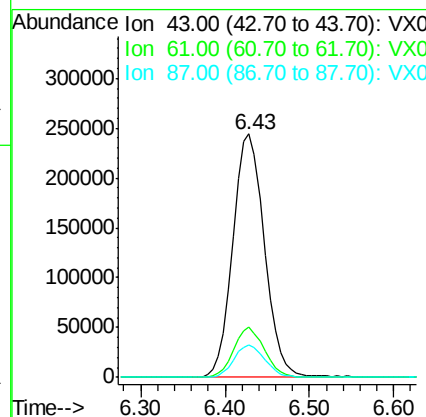
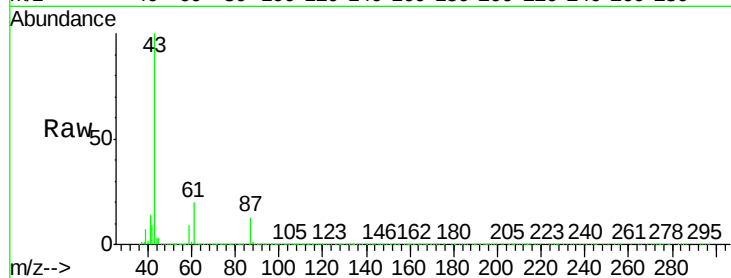
#43
Isopropyl Acetate
Concen: 49.969 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	43	Resp	617416
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.4
87	13.2	10.5	15.7

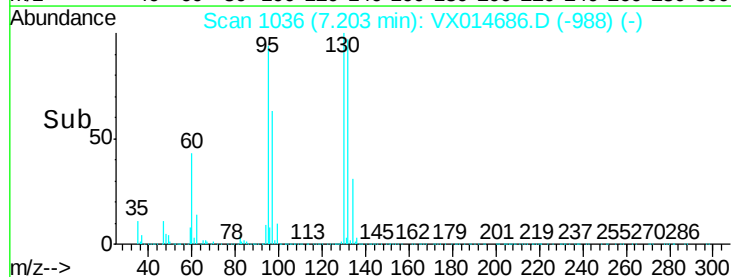
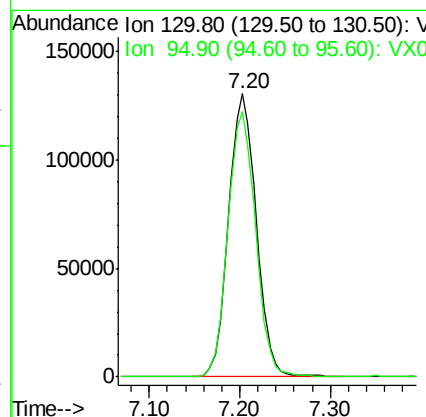
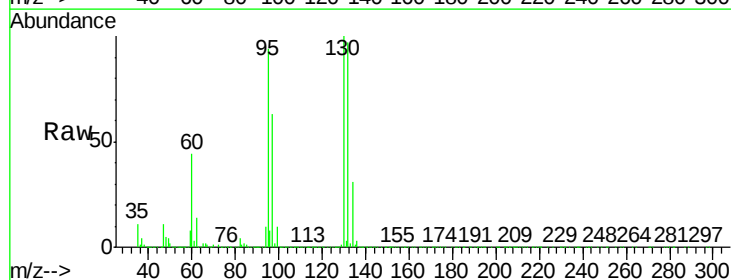
Manual Integrations
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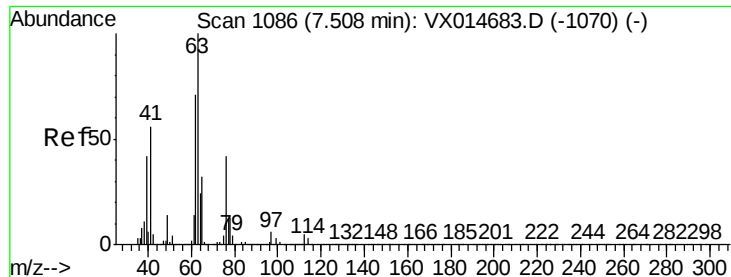
MMDadoda
1/24/2020 1:39:20 PM



#44
Trichloroethene
Concen: 48.157 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	130	Resp	276889
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	179.8





#45

1,2-Dichloropropane

Concen: 50.169 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion: 63 Resp: 263088

Ion Ratio Lower Upper

63 100

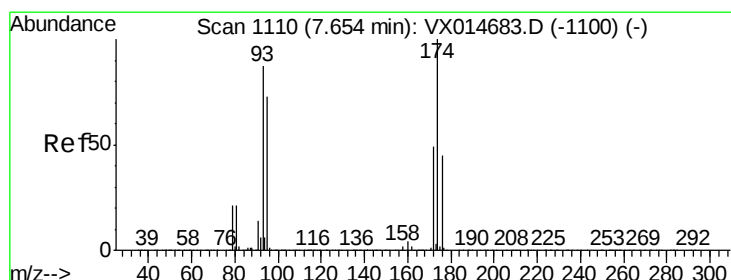
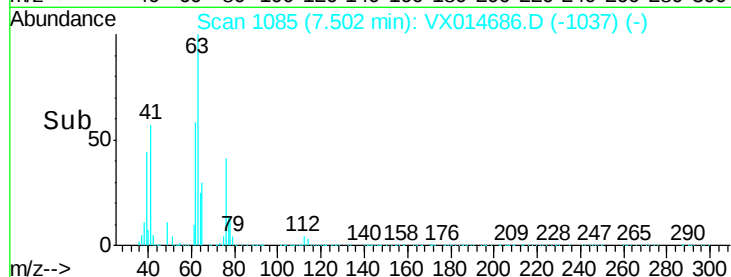
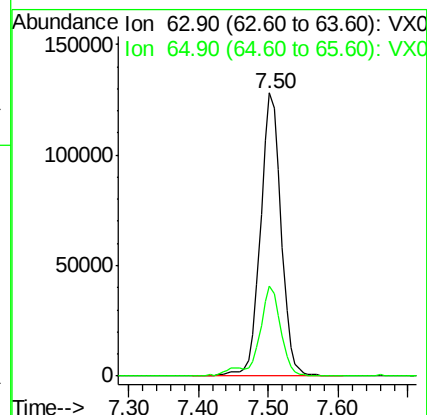
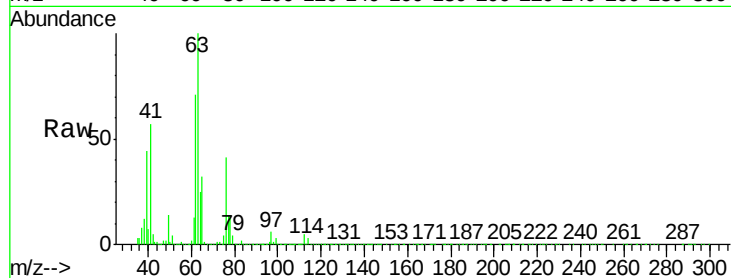
65 31.5 25.2 37.8

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#46

Dibromomethane

Concen: 49.386 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

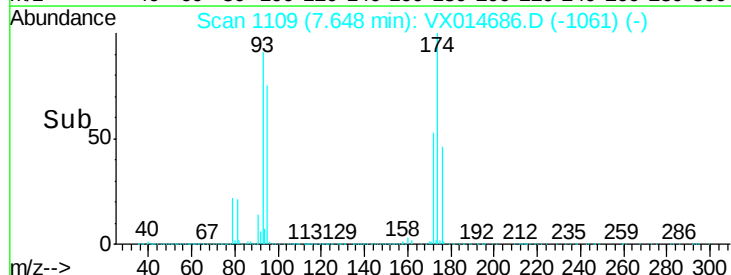
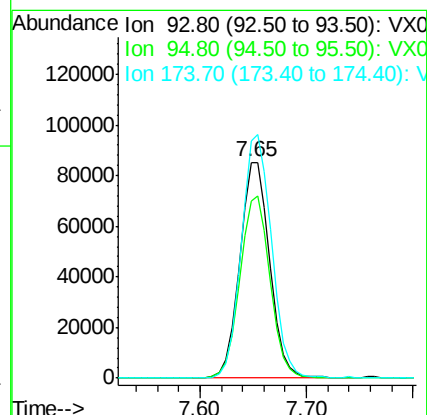
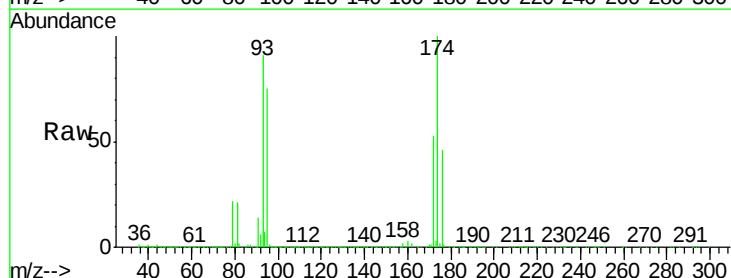
Tgt Ion: 93 Resp: 167731

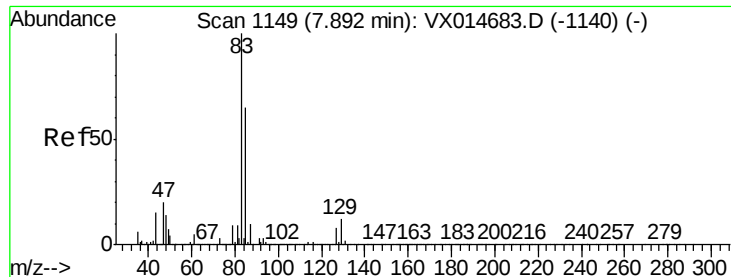
Ion Ratio Lower Upper

93 100

95 85.7 67.0 100.4

174 114.0 90.2 135.2





#47

Bromodichloromethane

Concen: 51.186 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

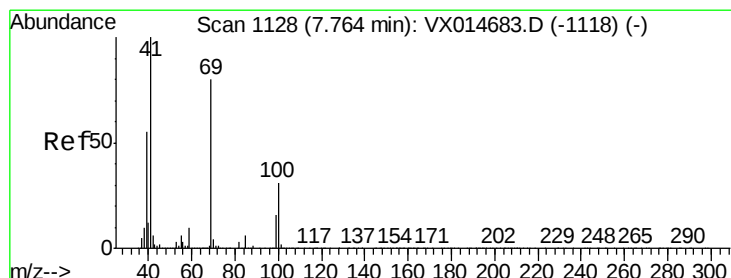
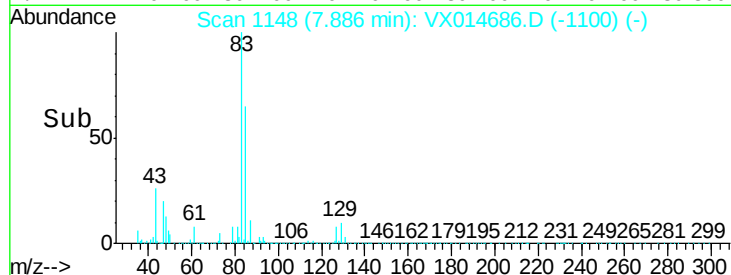
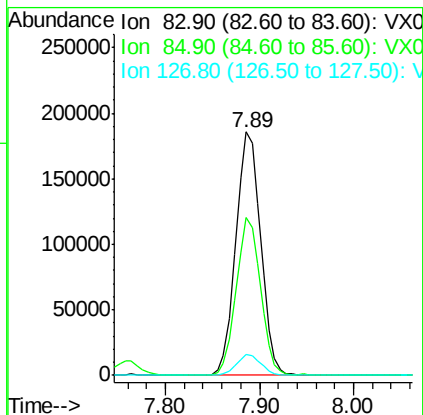
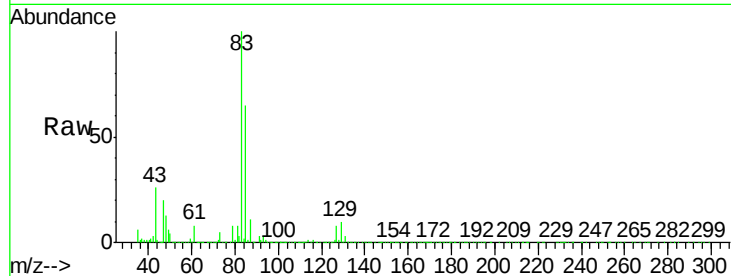
ClientSampleId :

ICVVX012220

Tot Ion:	83	Resp:	340964
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.2
127	8.3	6.4	9.6

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#48

Methyl methacrylate

Concen: 51.752 ug/l

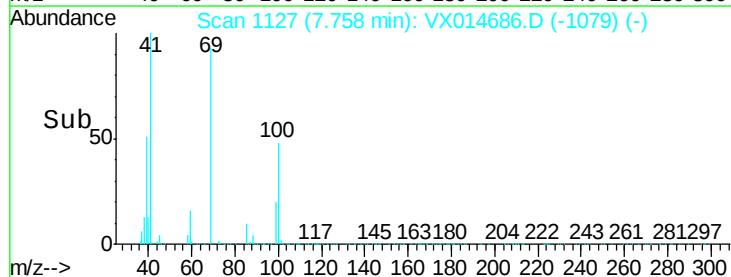
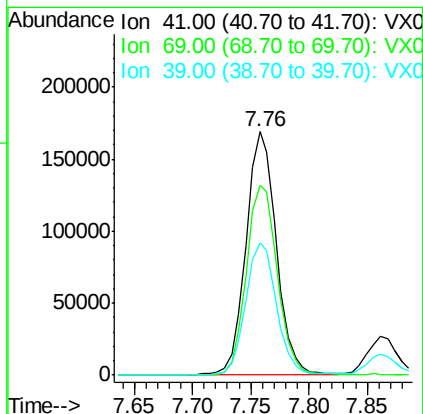
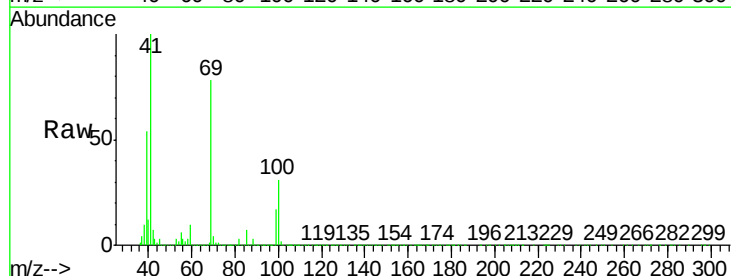
RT: 7.76 min Scan# 1127

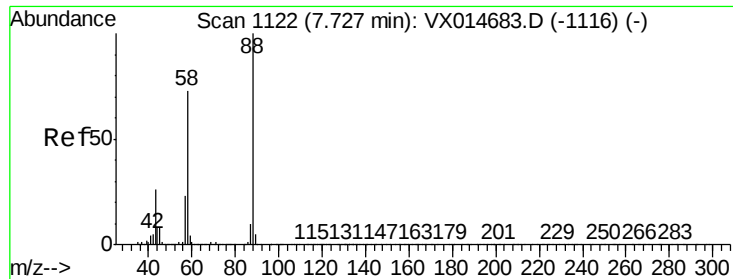
Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:	41	Resp:	305522
Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.5	95.3
39	55.5	43.7	65.5





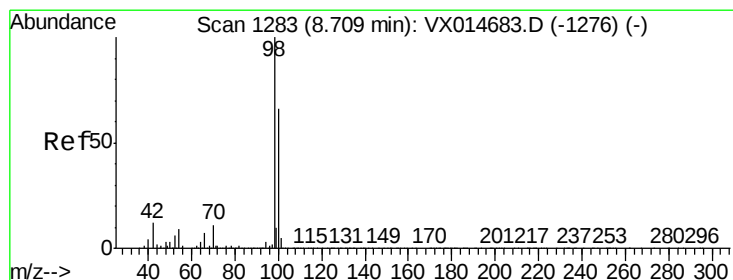
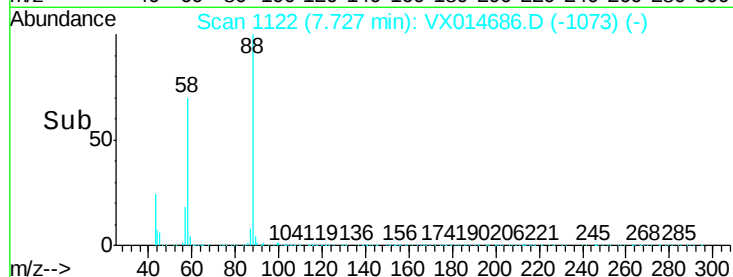
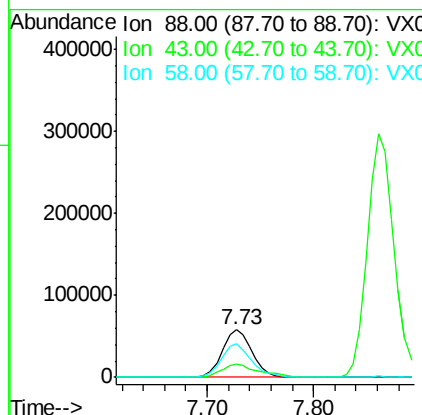
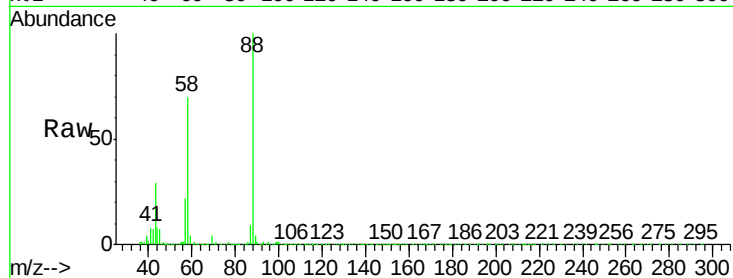
#49
1,4-Dioxane
Concen: 885.564 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.2	39.2
58	71.5	56.6	85.0

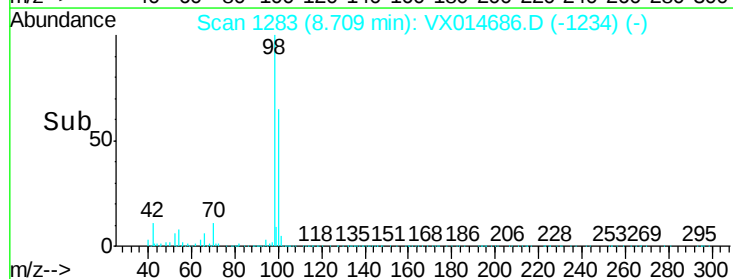
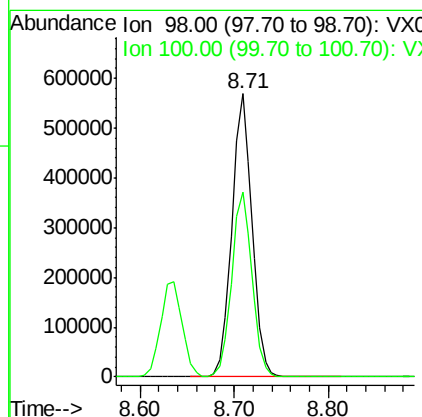
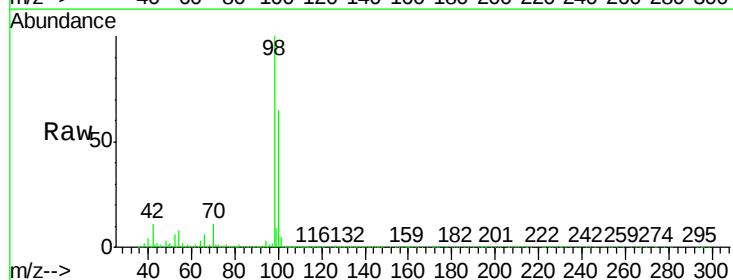
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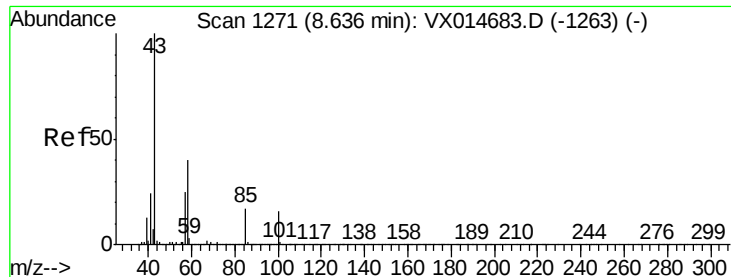
MMDadoda
1/24/2020 1:39:20 PM



#50
Toluene-d8
Concen: 48.832 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 244.850 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion: 43 Resp: 1909460

Ion Ratio Lower Upper

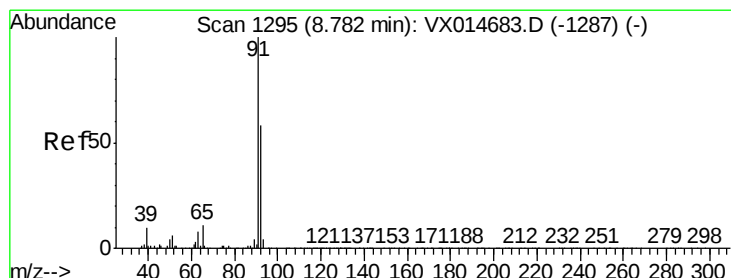
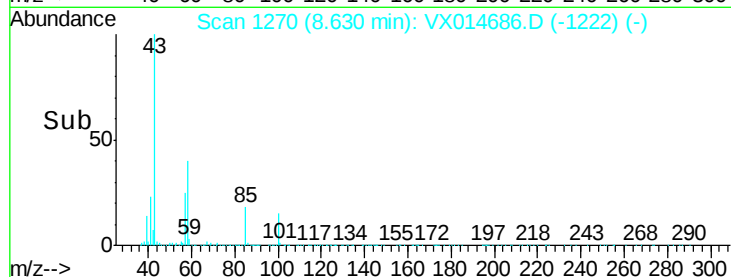
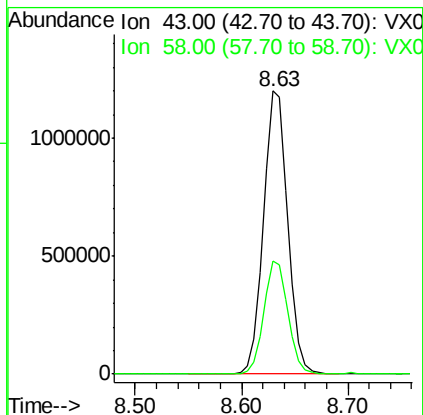
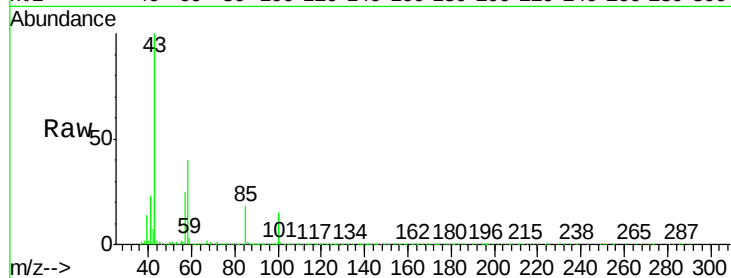
43 100

58 39.7 31.6 47.4

Manual Integrations
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1/24/2020 1:39:20 PM



#52

Toluene

Concen: 51.531 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014686.D

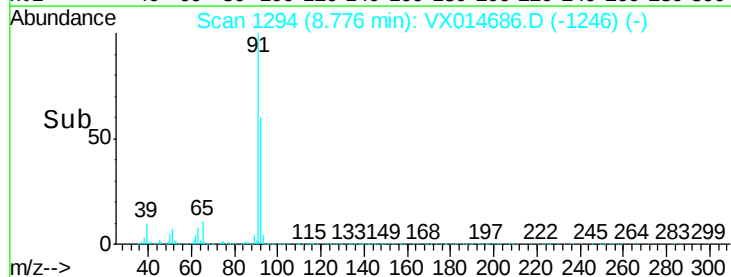
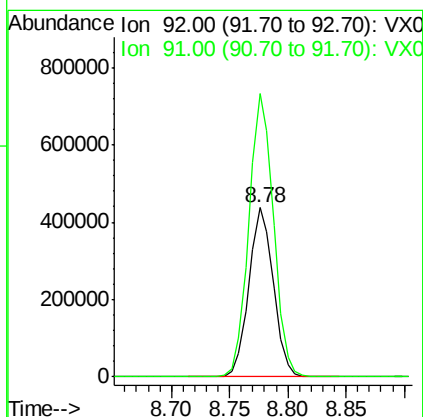
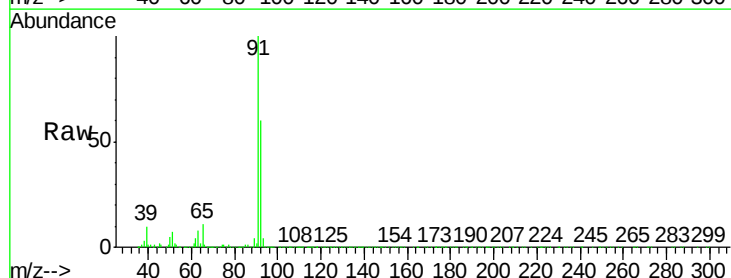
Acq: 22 Jan 2020 12:57

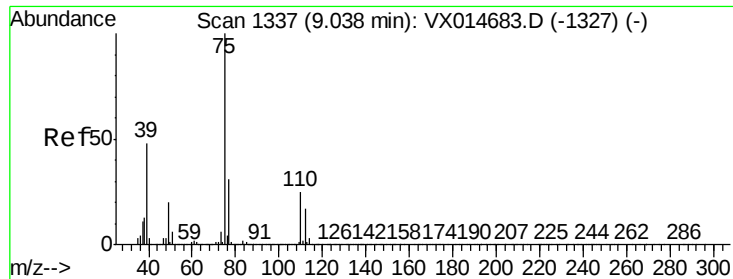
Tgt Ion: 92 Resp: 644781

Ion Ratio Lower Upper

92 100

91 168.8 135.9 203.9





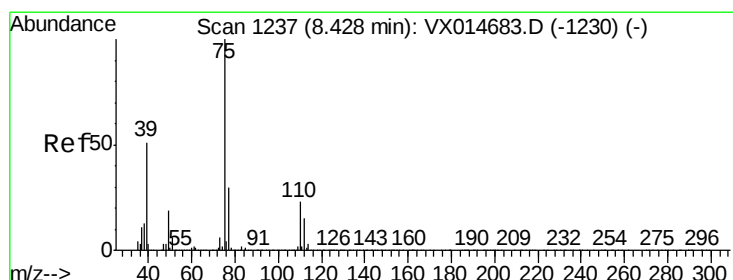
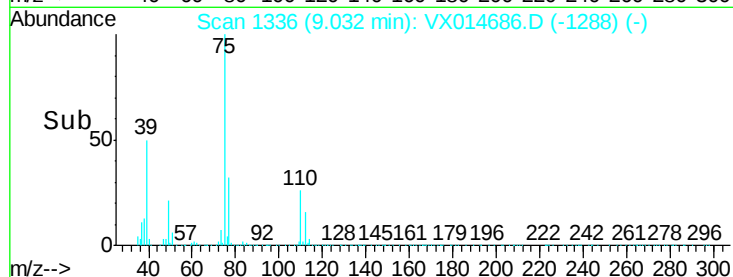
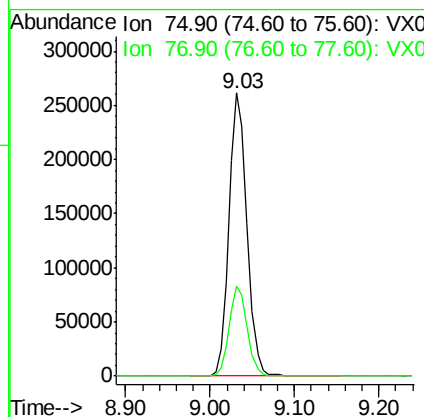
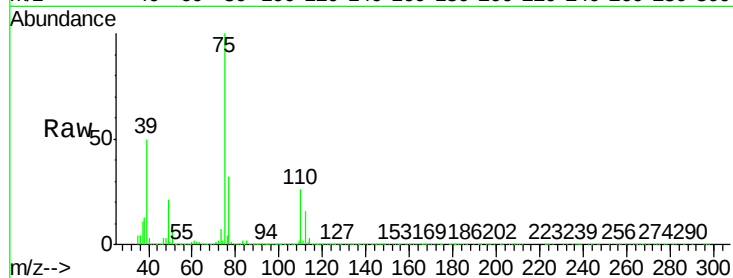
#53
t-1,3-Dichloropropene
Concen: 53.171 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3

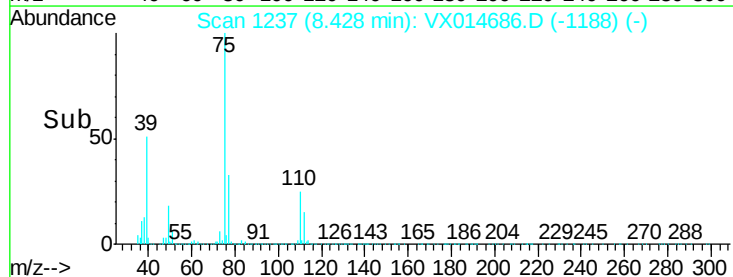
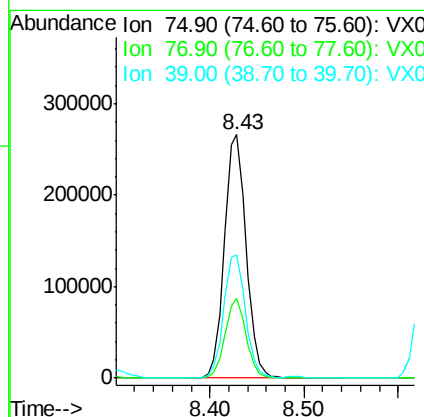
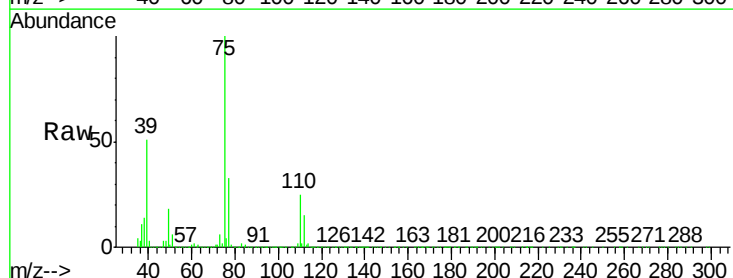
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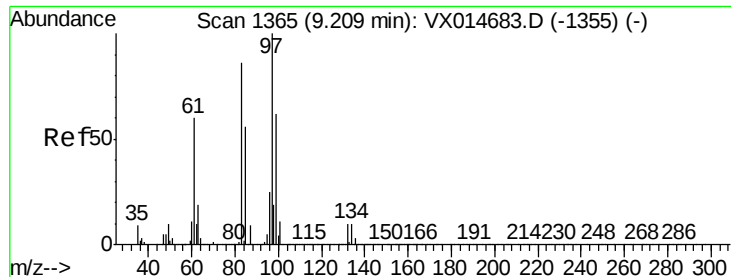
MMDadoda
1/24/2020 1:39:20 PM



#54
cis-1,3-Dichloropropene
Concen: 53.739 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	23.9	35.9
39	50.5	40.9	61.3





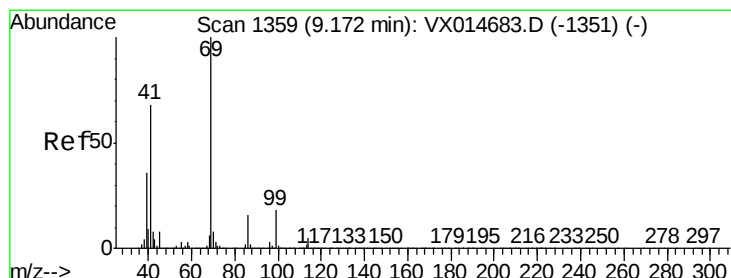
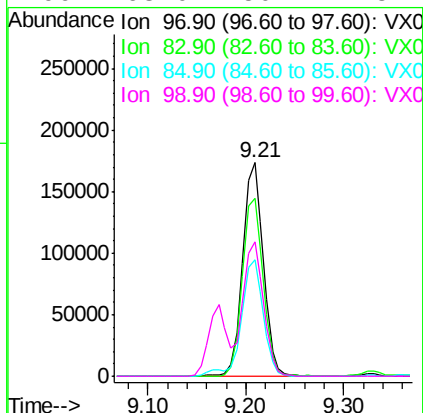
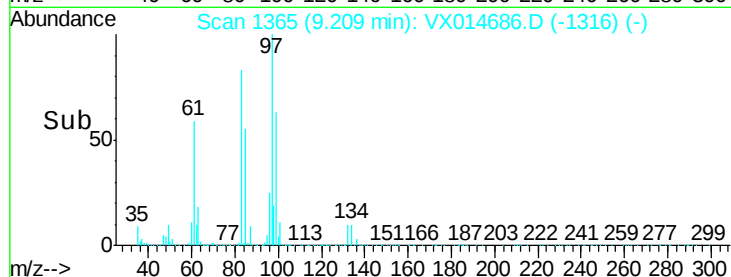
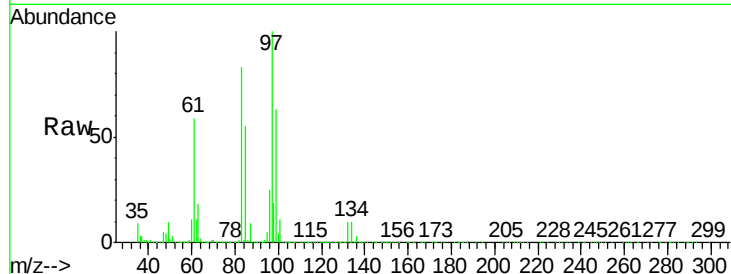
#55
 1,1,2-Trichloroethane
 Concen: 49.466 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		253410		
83	83.3	69.2	103.8		
85	54.7	44.6	67.0		
99	63.0	50.1	75.1		

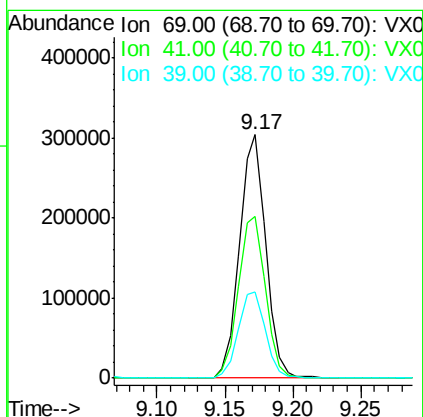
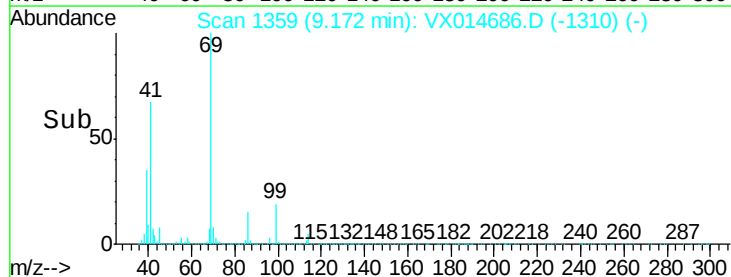
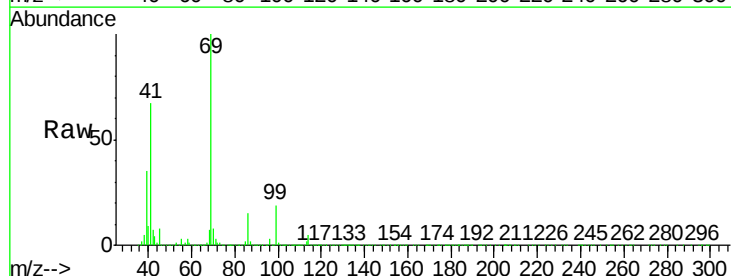
Manual Integrations
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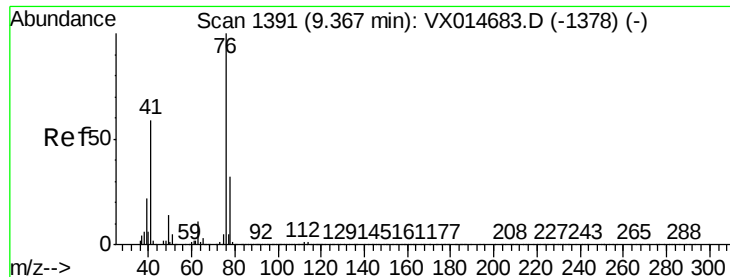
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 1/24/2020 1:39:20 PM



#56
 Ethyl methacrylate
 Concen: 47.140 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		408491		
41	68.7	54.9	82.3		
39	36.7	29.3	43.9		





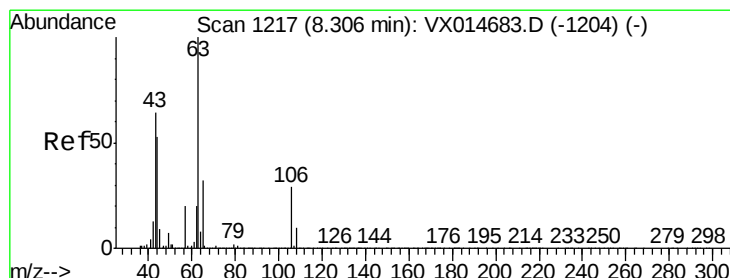
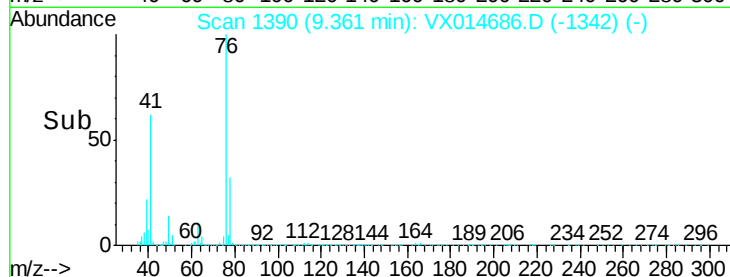
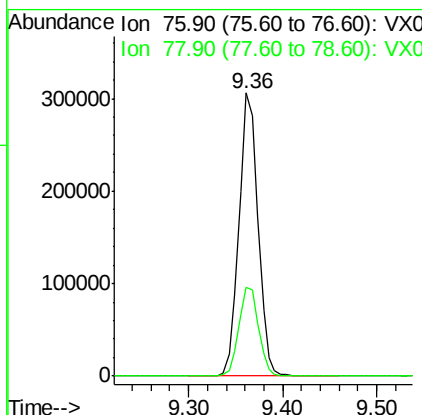
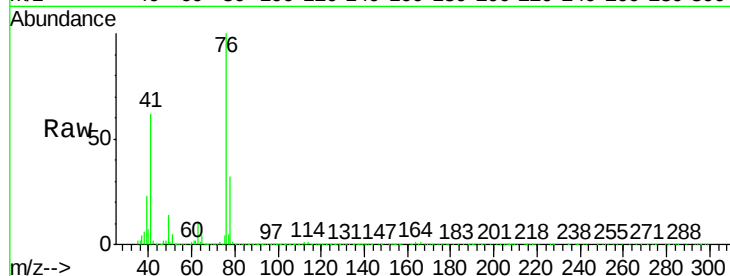
#57
 1,3-Dichloropropane
 Concen: 49.267 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

Tot Ion: 76 Resp: 431454
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0

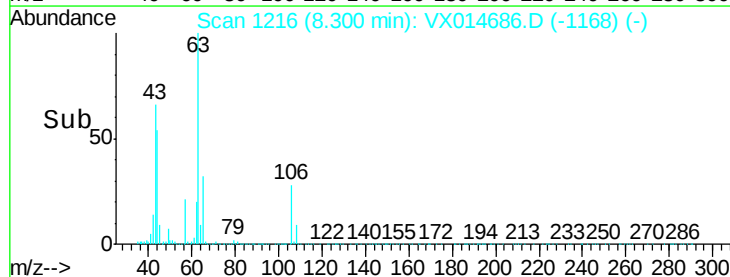
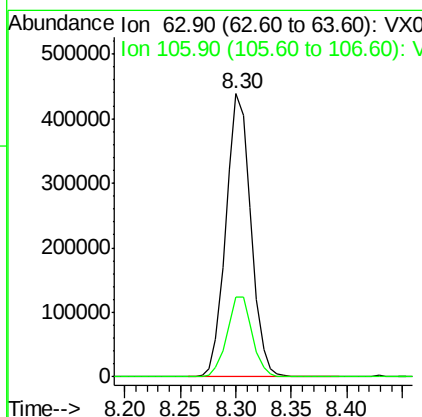
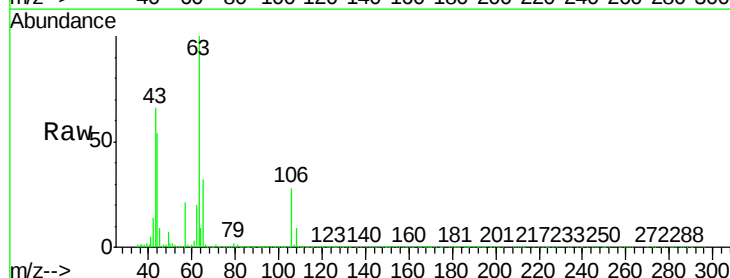
Manual Integrations
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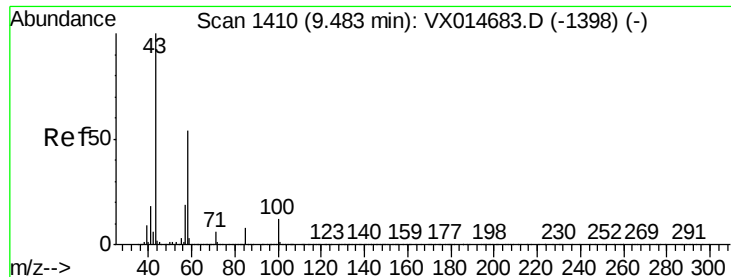
MMDadoda
 1/24/2020 1:39:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.257 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion: 63 Resp: 678248
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





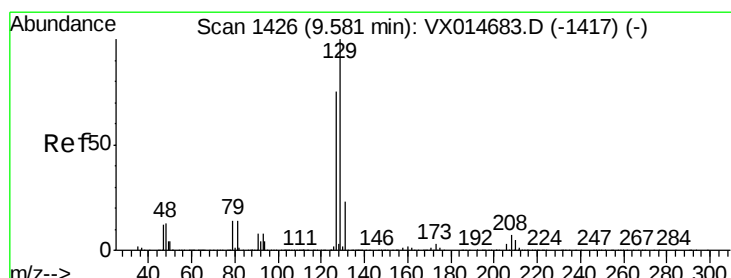
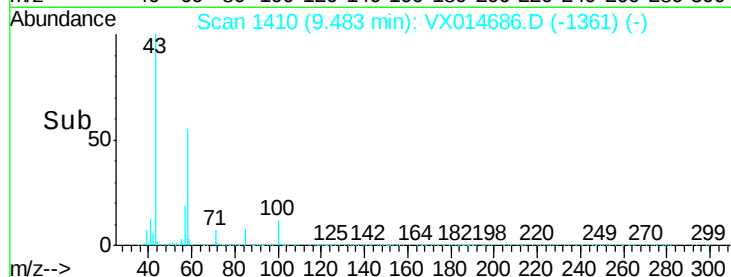
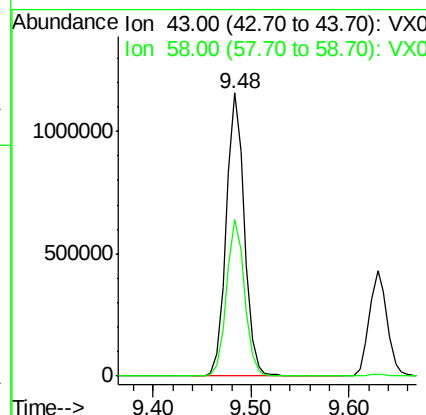
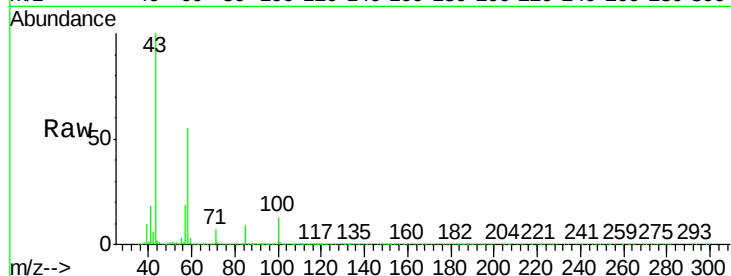
#59
2-Hexanone
Concen: 245.303 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion: 43 Resp: 1484454
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5

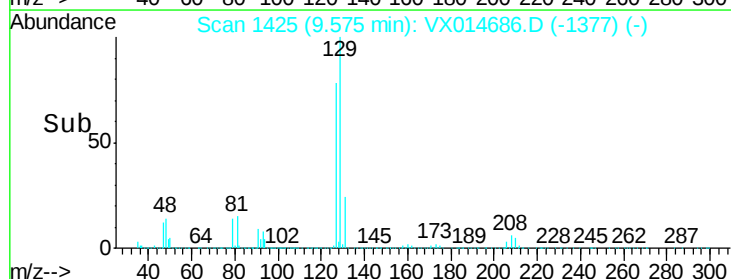
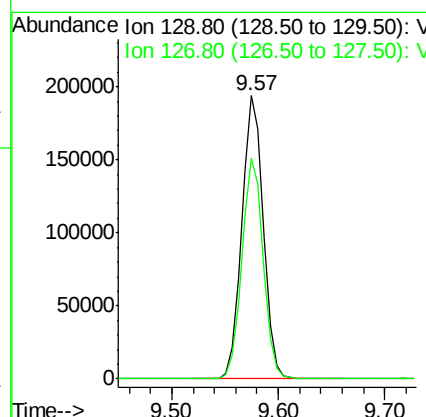
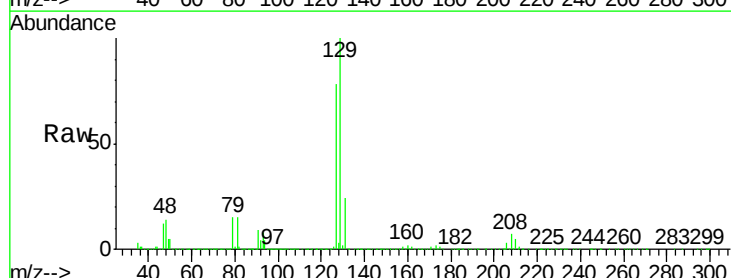
Manual Integrations
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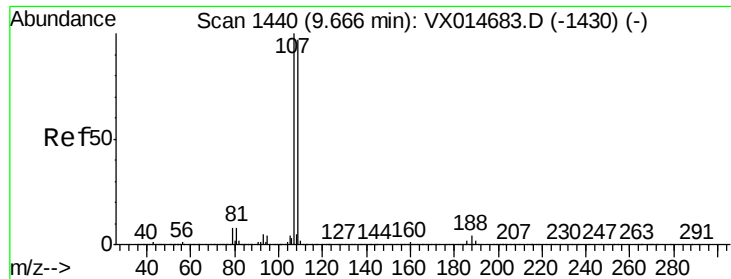
MMDadoda
1/24/2020 1:39:20 PM



#60
Dibromochloromethane
Concen: 51.290 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 129 Resp: 274262
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.584 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion: 107 Resp: 268568

Ion Ratio Lower Upper

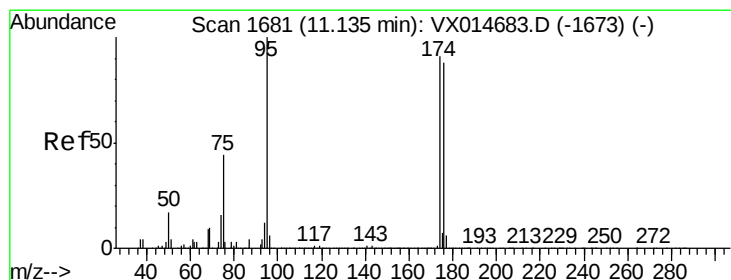
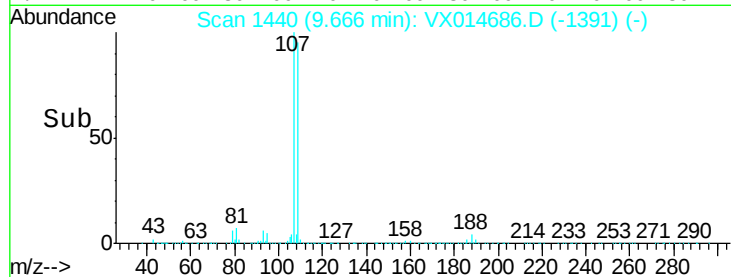
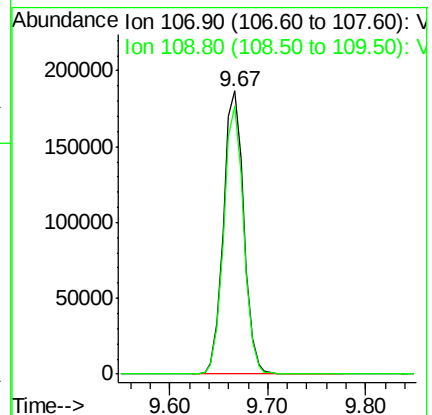
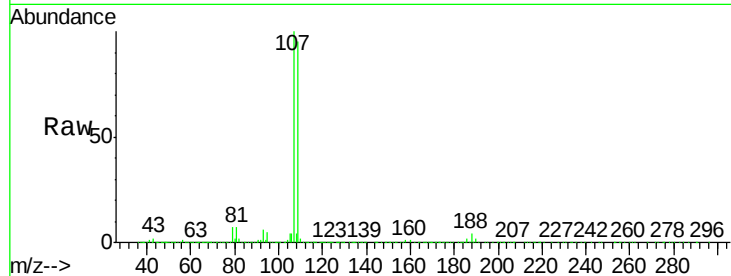
107 100

109 93.9 76.2 114.2

Manual Integrations
APPROVED

MMDadoda

1/24/2020 1:39:20 PM



#62

4-Bromofluorobenzene

Concen: 48.547 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

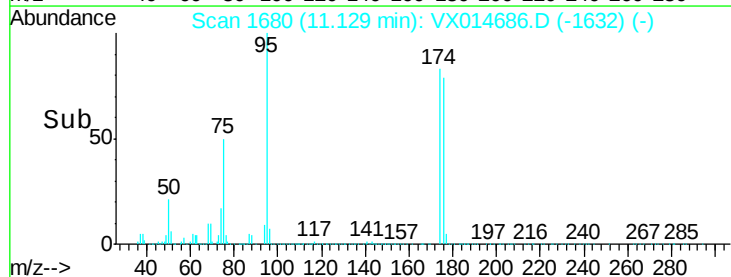
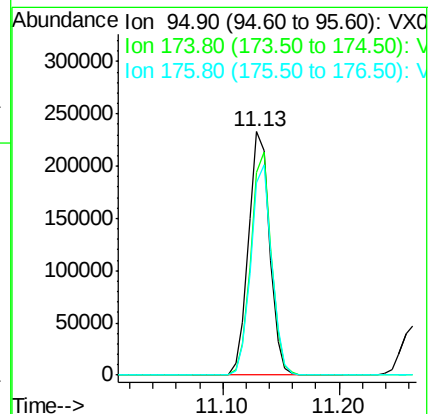
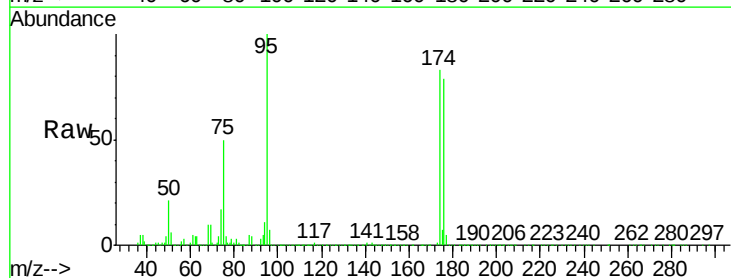
Tgt Ion: 95 Resp: 297425

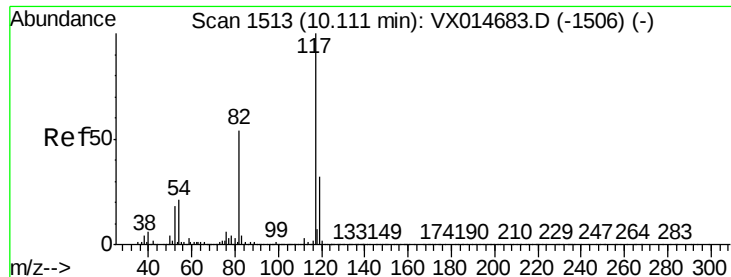
Ion Ratio Lower Upper

95 100

174 89.0 0.0 176.0

176 85.3 0.0 172.2





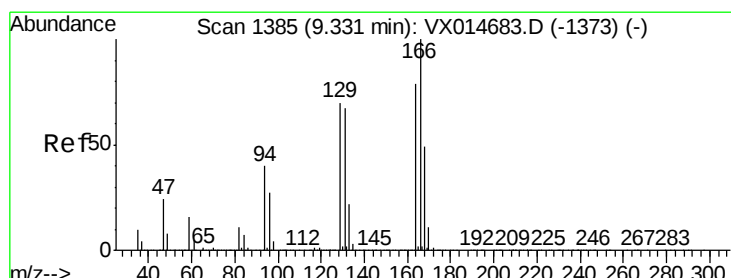
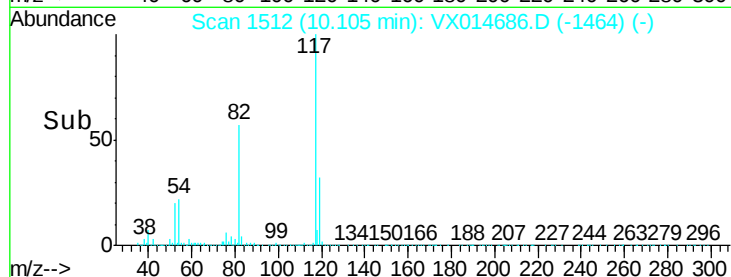
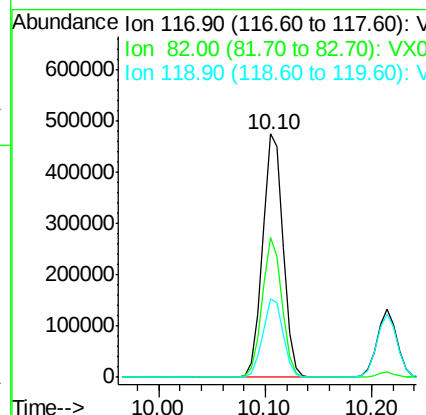
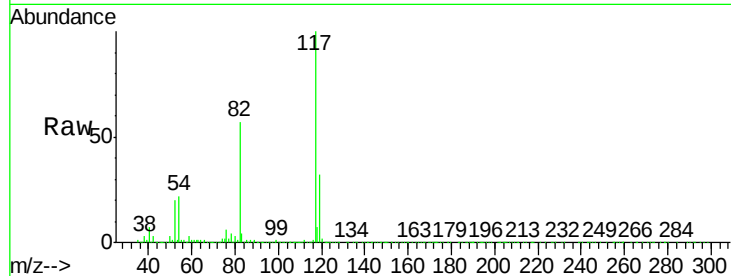
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Resp	Lower	Upper
117	100	640866		
82	57.3	43.2	64.8	
119	32.3	25.8	38.6	

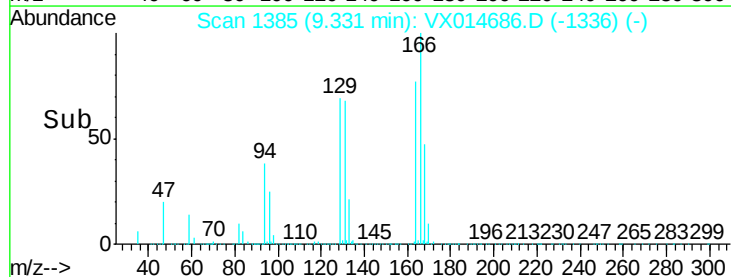
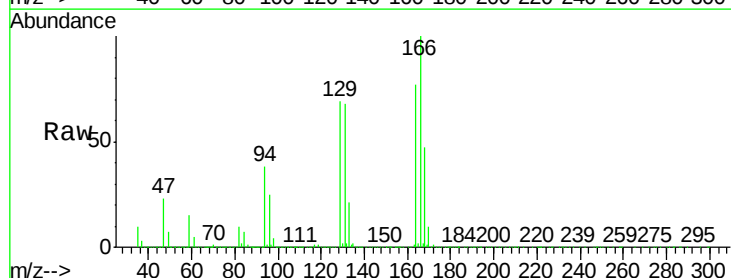
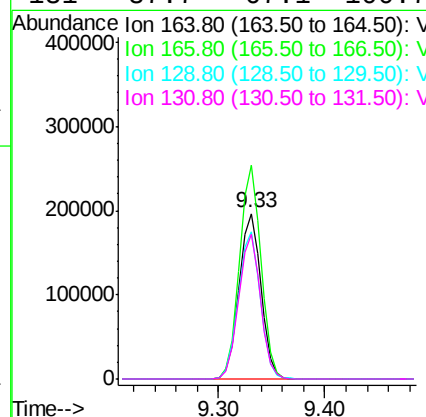
Manual Integrations
APPROVED

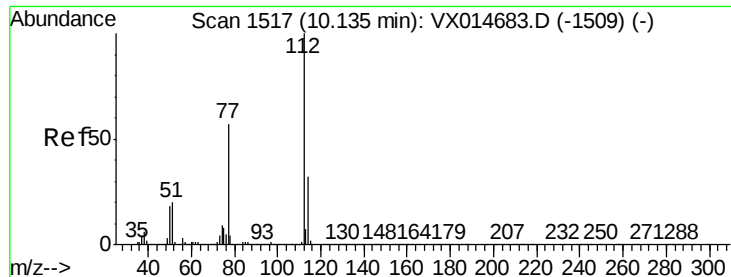
MMDadoda
1/24/2020 1:39:20 PM



#64
Tetrachloroethene
Concen: 45.012 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	285545		
166	129.2	100.9	151.3	
129	89.3	71.0	106.6	
131	87.7	67.1	100.7	





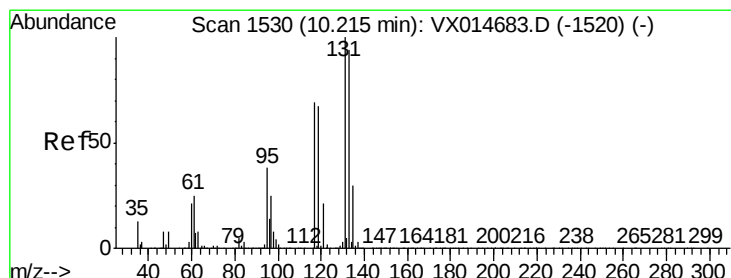
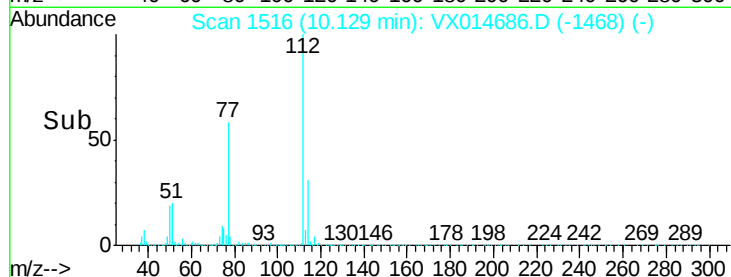
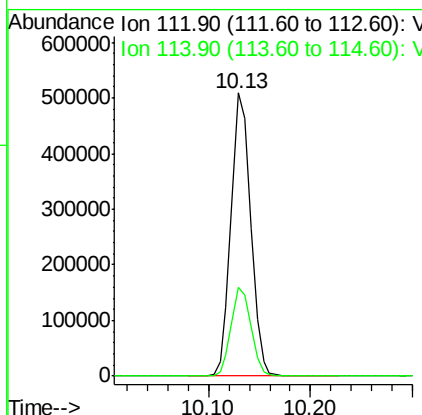
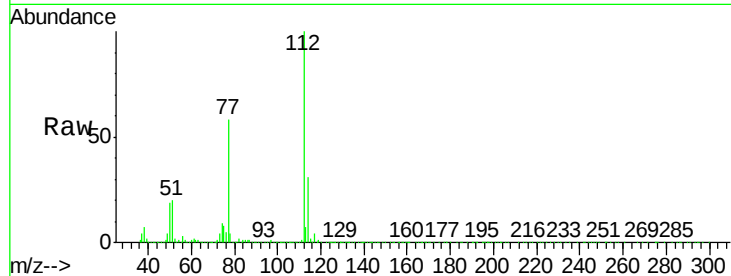
#65
Chlorobenzene
Concen: 49.380 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.8

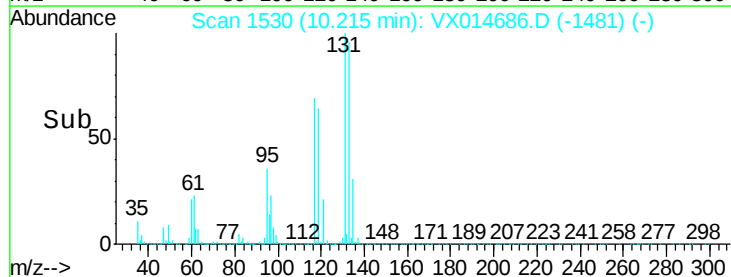
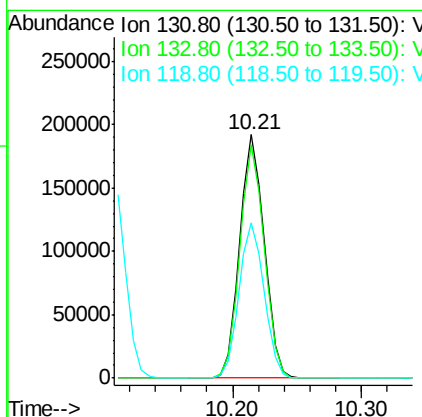
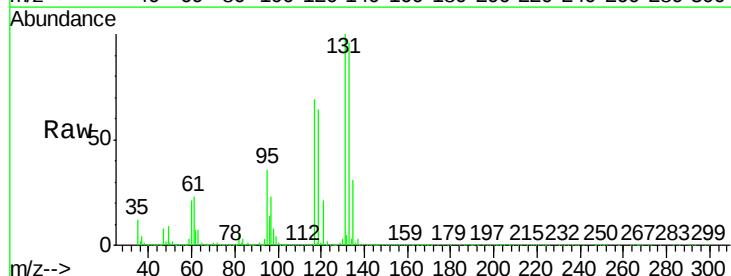
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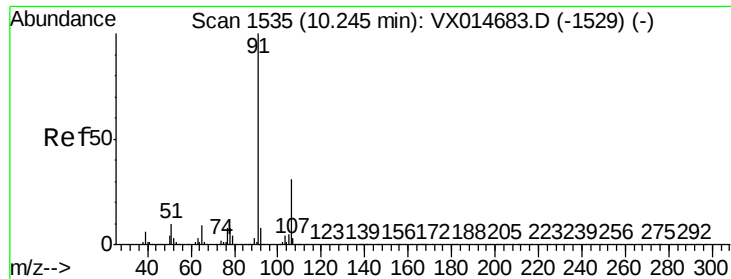
MMDadoda
1/24/2020 1:39:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.197 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.4	142.3
119	65.1	33.3	99.8





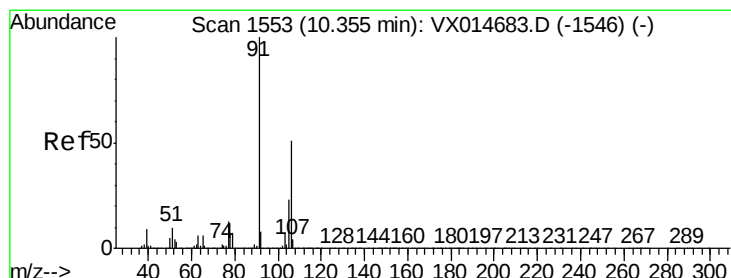
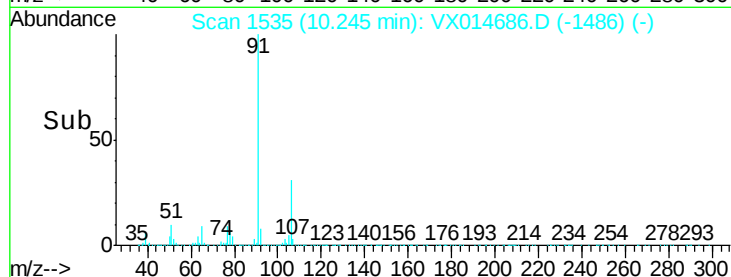
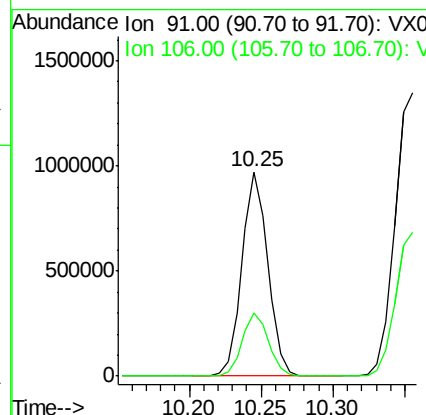
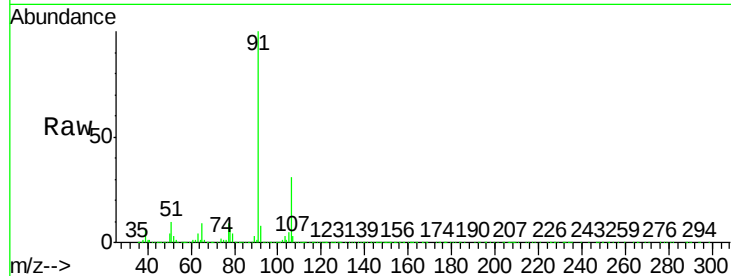
#67
Ethyl Benzene
Concen: 51.975 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampled :
ICVX012220

Tot Ion: 91 Resp: 1216526
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

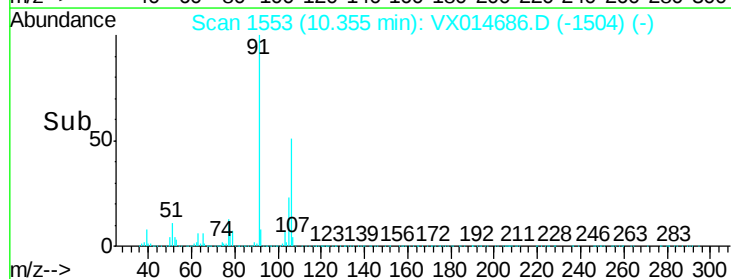
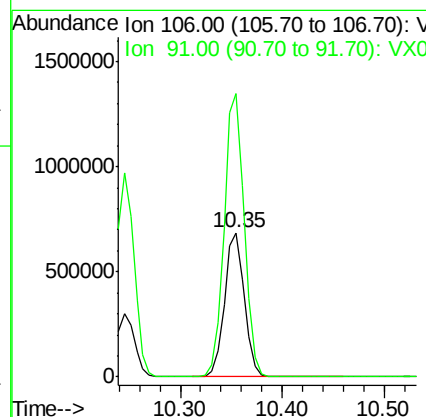
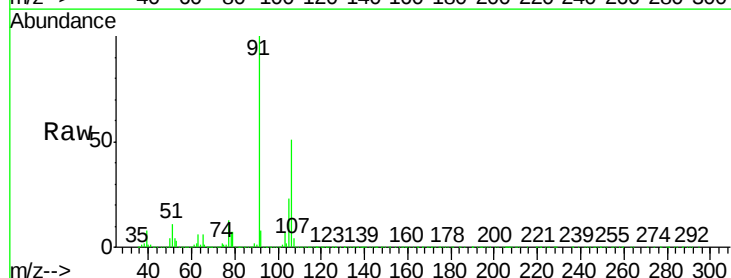
Manual Integrations
APPROVED

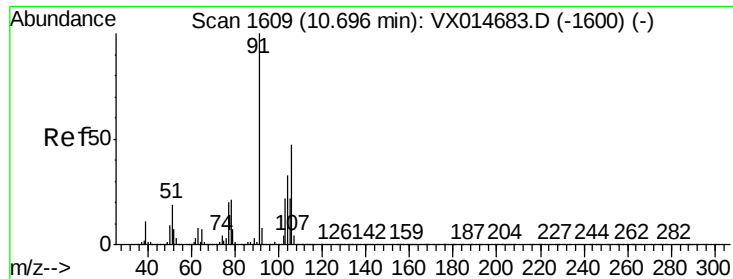
MMDadoda
1/24/2020 1:39:20 PM



#68
m/p-Xylenes
Concen: 104.179 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 106 Resp: 923782
Ion Ratio Lower Upper
106 100
91 199.7 159.4 239.2





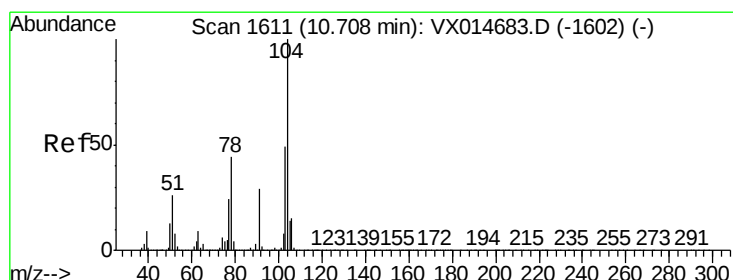
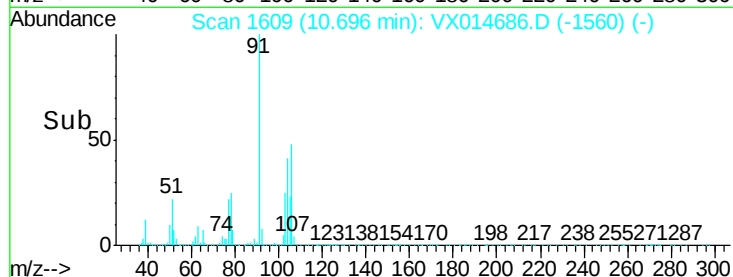
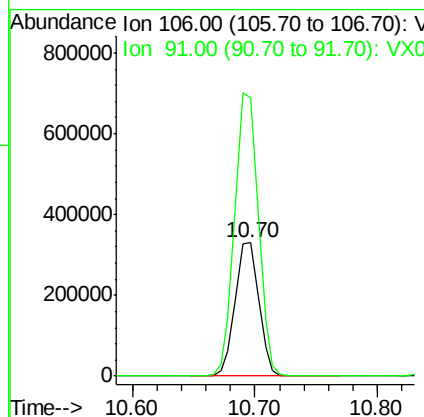
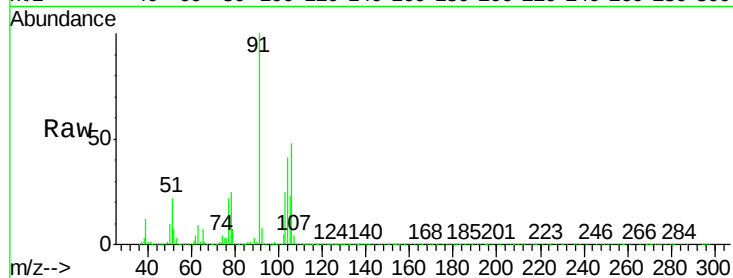
#69
o-Xylene
Concen: 51.733 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.9	106.2	318.6

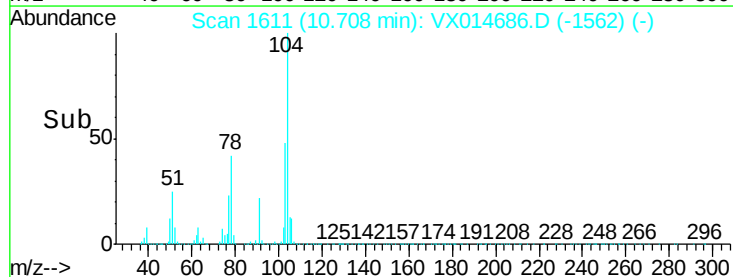
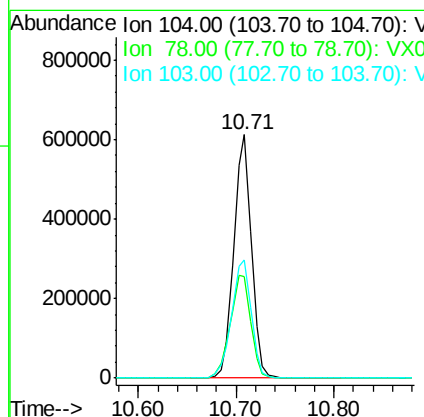
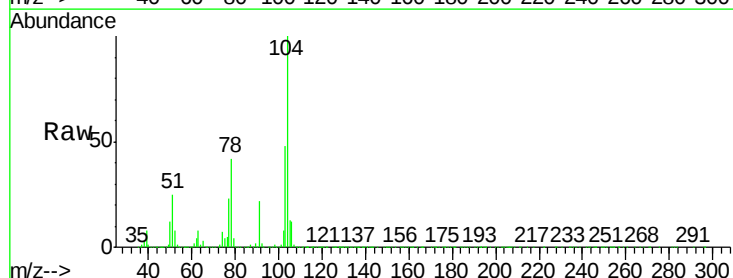
Manual Integrations
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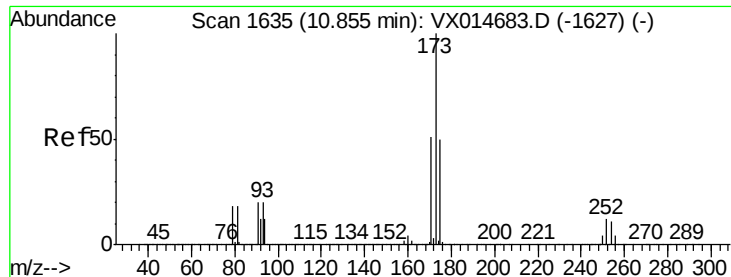
MMDadoda
1/24/2020 1:39:20 PM



#70
Styrene
Concen: 53.340 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.3	58.9
103	54.3	43.5	65.3





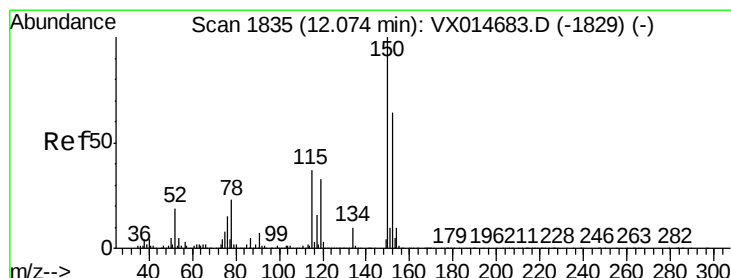
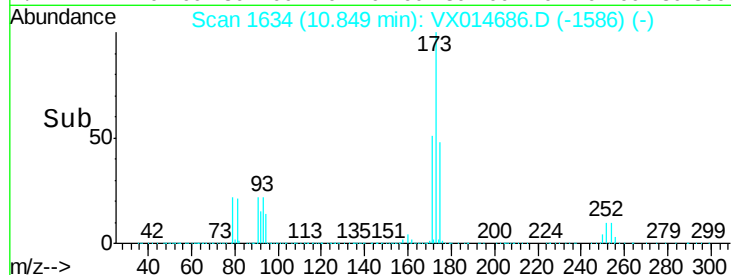
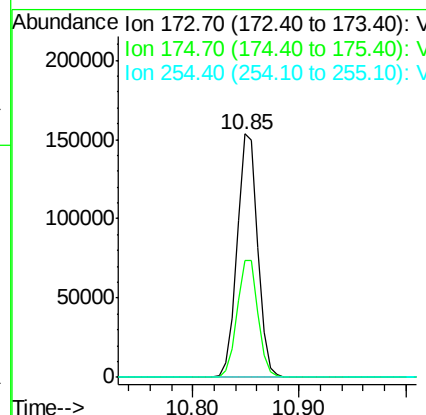
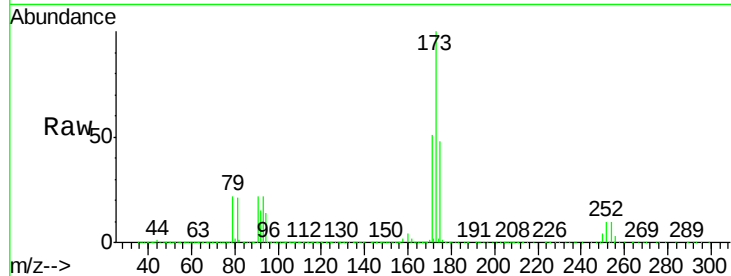
#71
Bromoform
Concen: 52.043 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.1	0.1	0.1

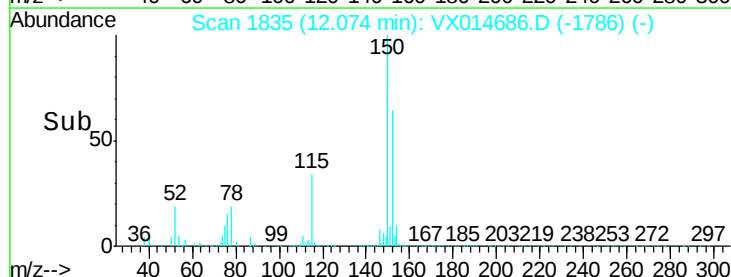
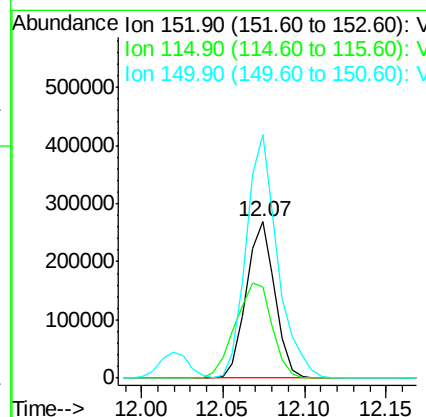
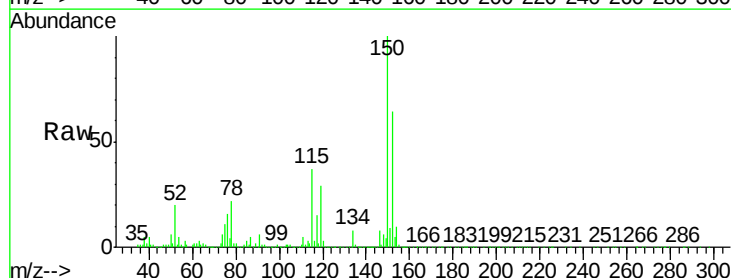
Manual Integrations
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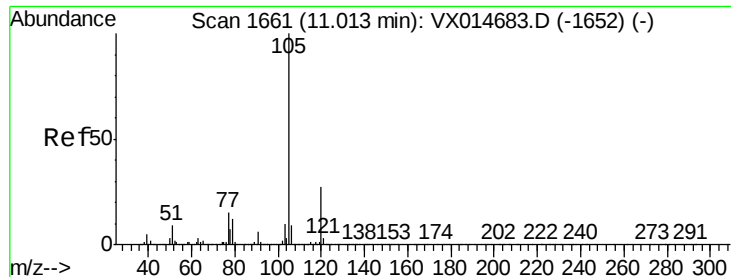
MMDadoda
1/24/2020 1:39:20 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	39.4	118.1
150	171.8	0.0	351.2





#73

Isopropylbenzene

Concen: 51.897 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tot Ion:105 Resp: 1192729

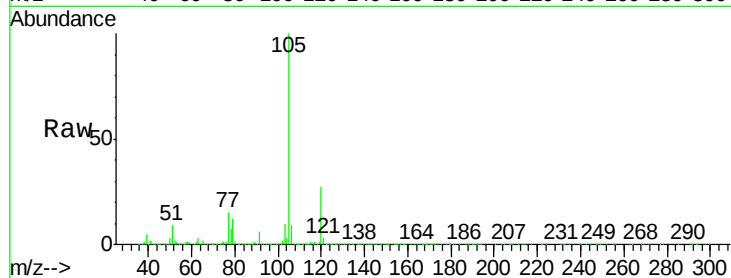
Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5

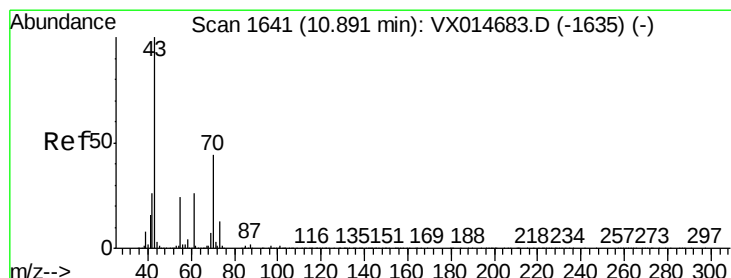
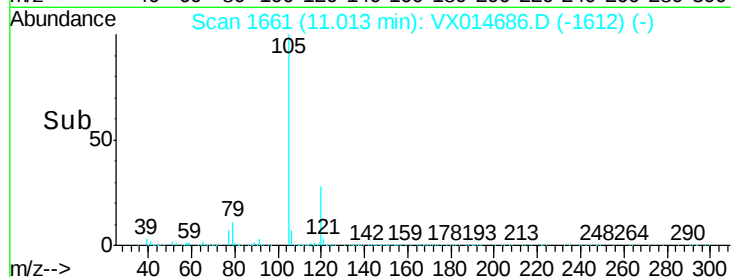
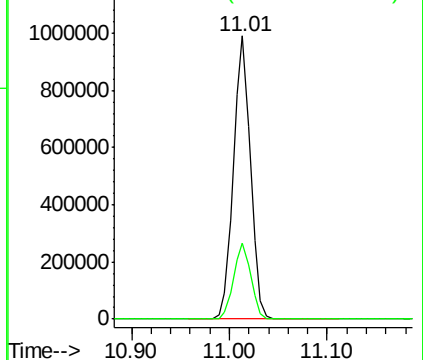
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.538 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion: 43 Resp: 539191

Ion Ratio Lower Upper

43 100

70 42.9 34.6 52.0

55 24.1 19.4 29.2

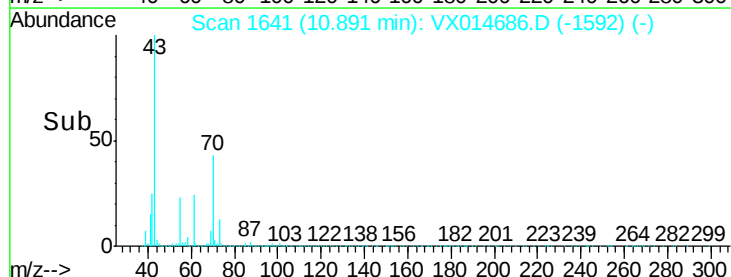
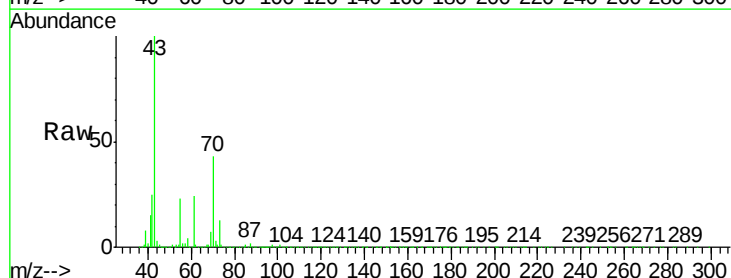
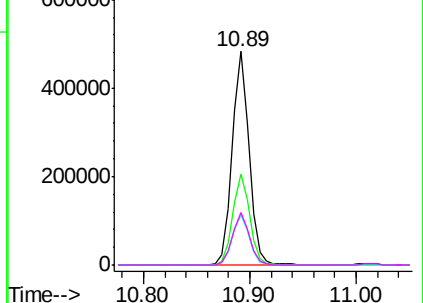
61 24.5 19.8 29.6

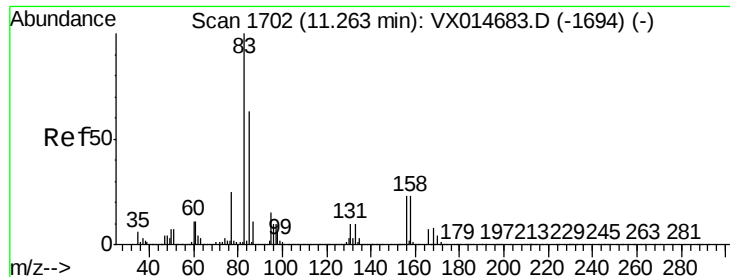
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.017 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

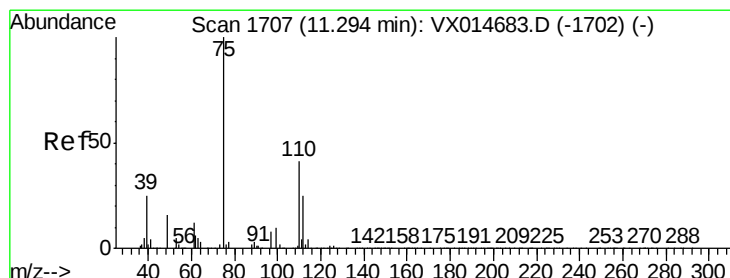
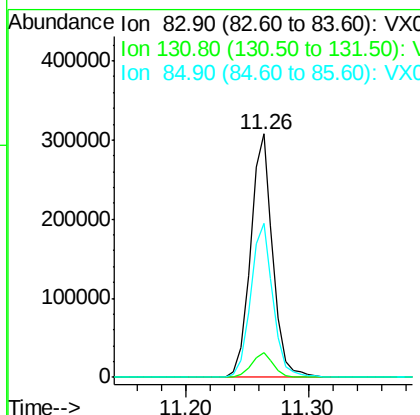
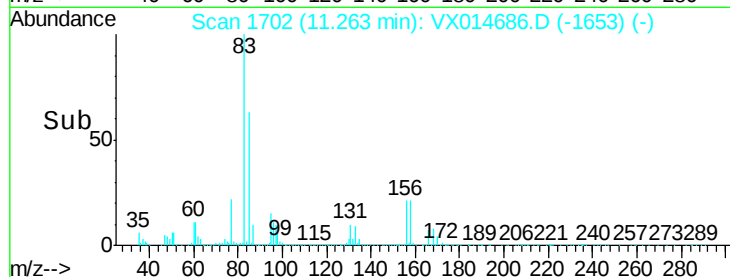
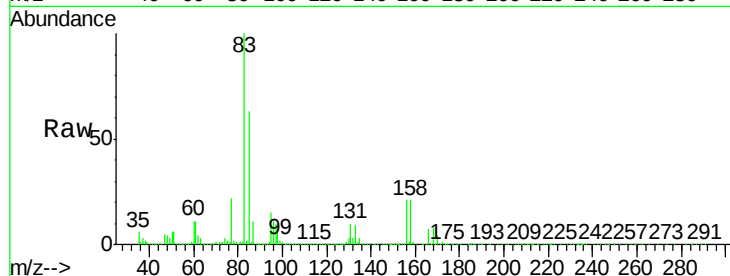
ClientSampleId :

ICVVX012220

Tot Ion:	83	Resp:	385816
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	63.9	31.7	95.1

Manual Integrations
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1/24/2020 1:39:20 PM



#76

1,2,3-Trichloropropane

Concen: 42.900 ug/l m

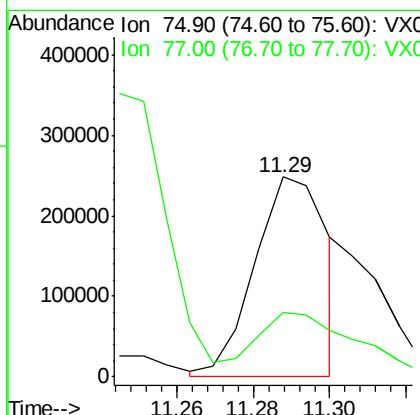
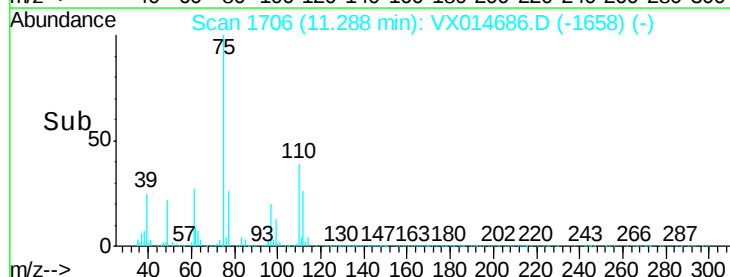
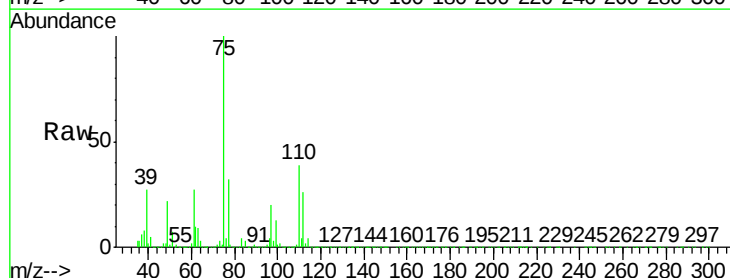
RT: 11.29 min Scan# 1706

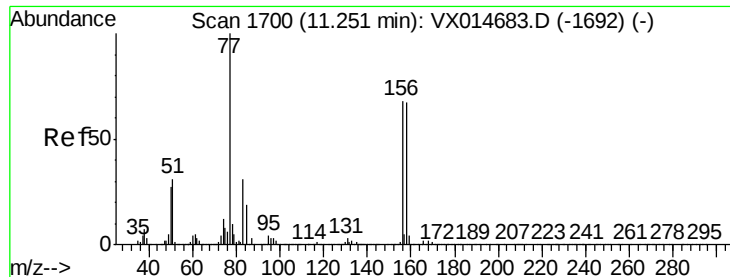
Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:	75	Resp:	326235
Ion Ratio	Lower	Upper	
75	100		
77	45.0	18.7	56.1





#77

Bromobenzene

Concen: 49.164 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

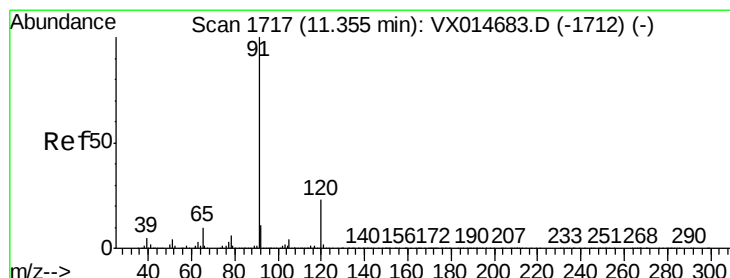
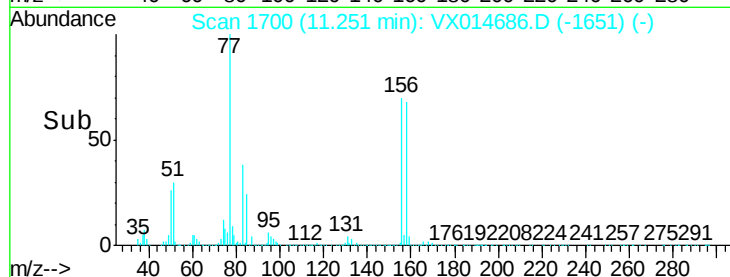
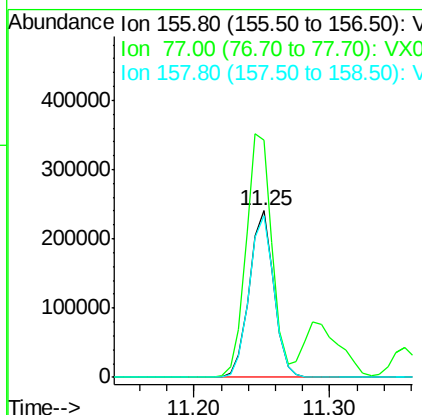
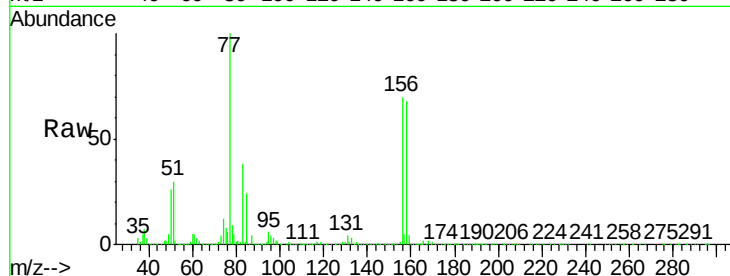
ClientSampleId :

ICVVX012220

Tot Ion:	156	Resp:	303550
Ion Ratio	Lower	Upper	
156	100		
77	153.3	77.5	232.5
158	98.4	49.1	147.3

Manual Integrations
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1/24/2020 1:39:20 PM



#78

n-propylbenzene

Concen: 52.844 ug/l

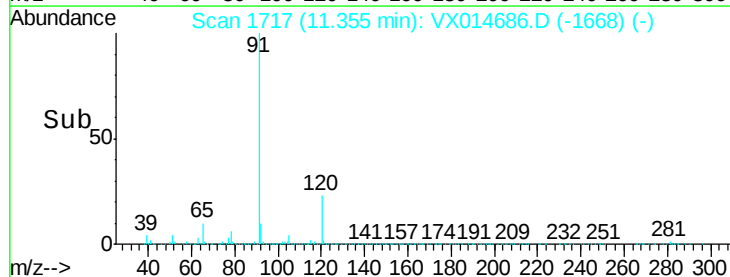
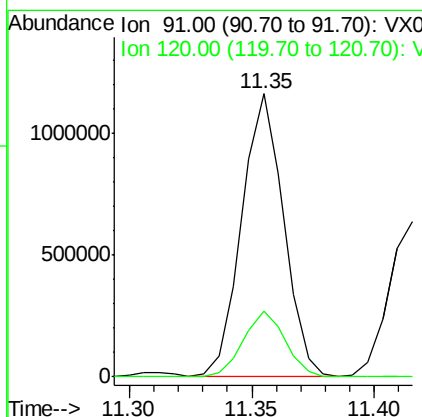
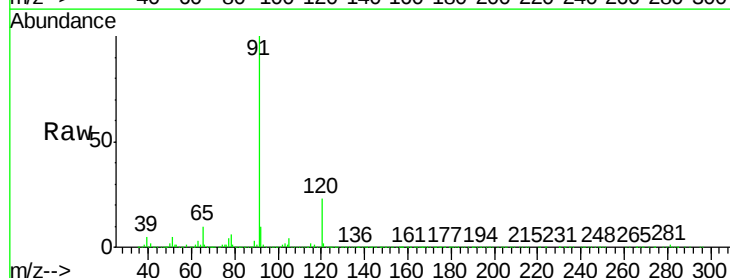
RT: 11.35 min Scan# 1717

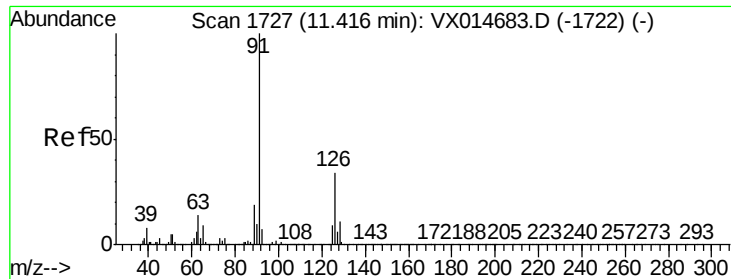
Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:	91	Resp:	1378548
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





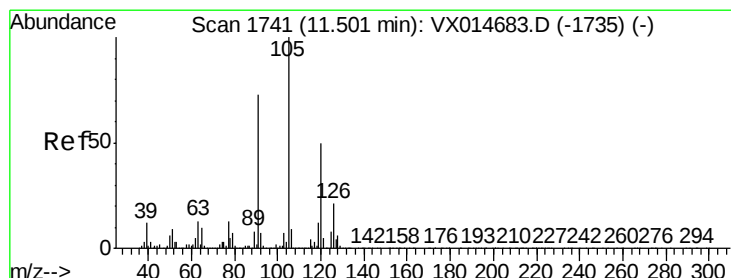
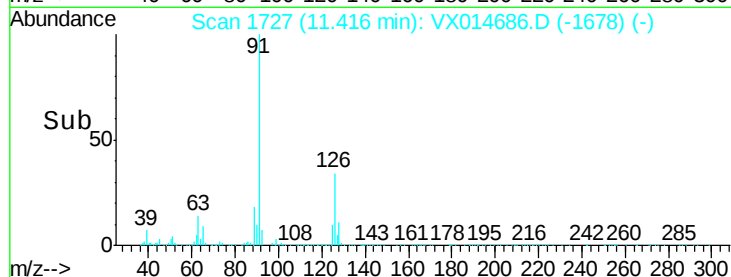
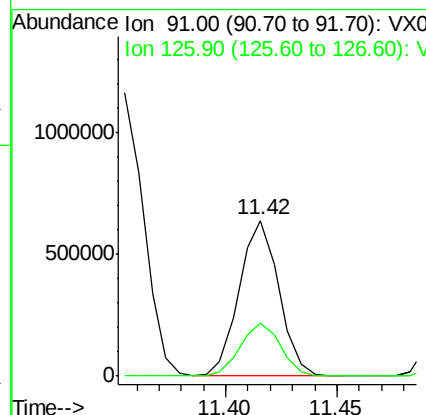
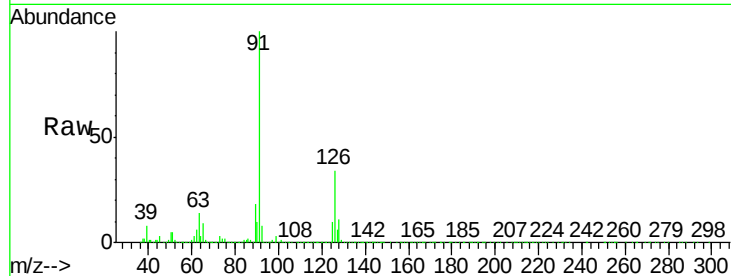
#79
2-Chlorotoluene
Concen: 50.398 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	51.9

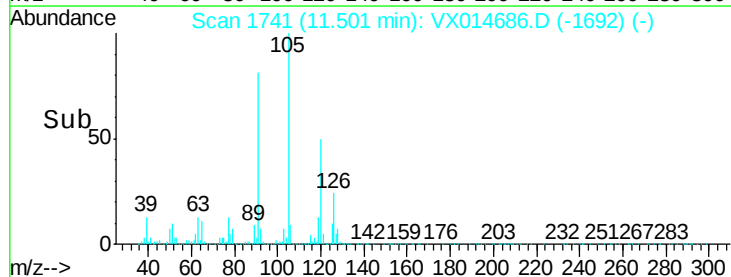
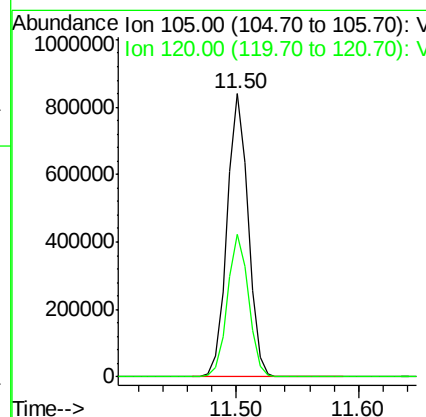
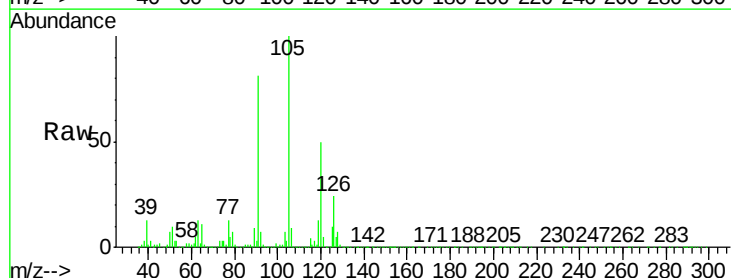
Manual Integrations
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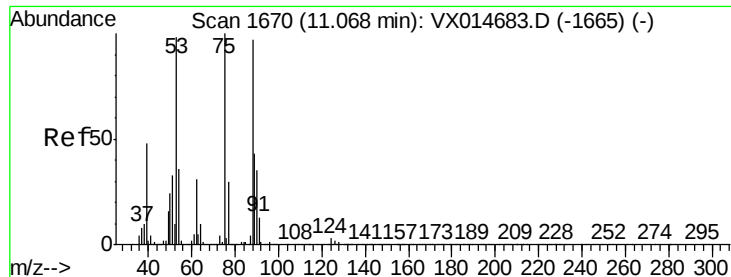
MMDadoda
1/24/2020 1:39:20 PM



#80
1,3,5-Trimethylbenzene
Concen: 52.325 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.9	74.6





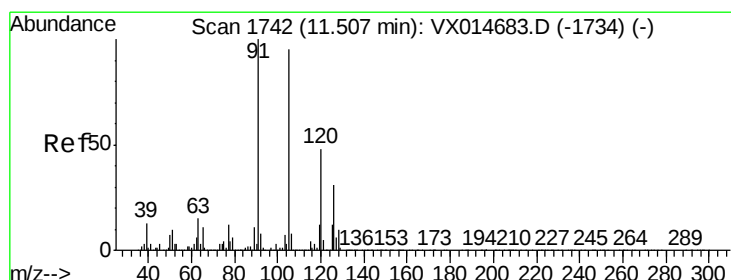
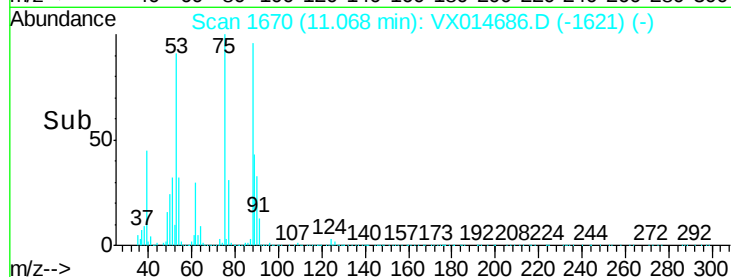
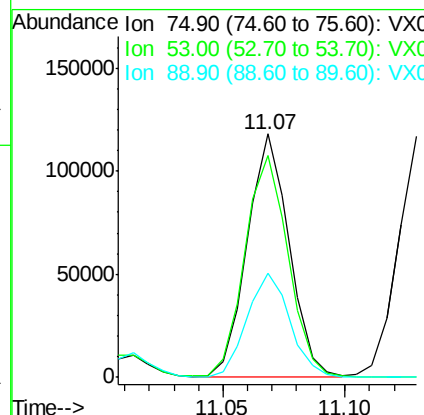
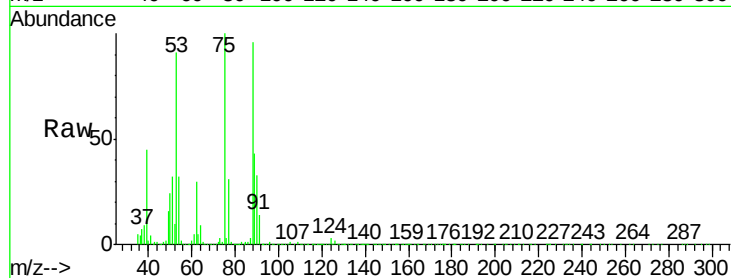
#81
trans-1,4-Dichloro-2-butene
Concen: 52.119 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	78.8	118.2
89	44.5	35.4	53.0

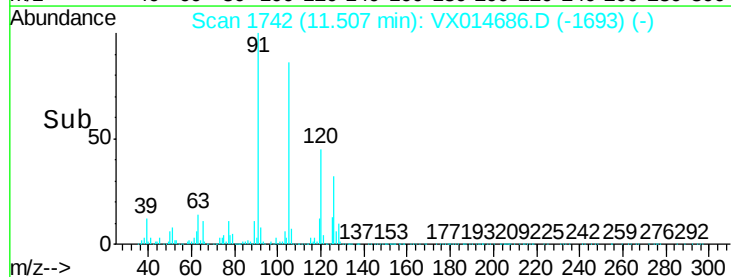
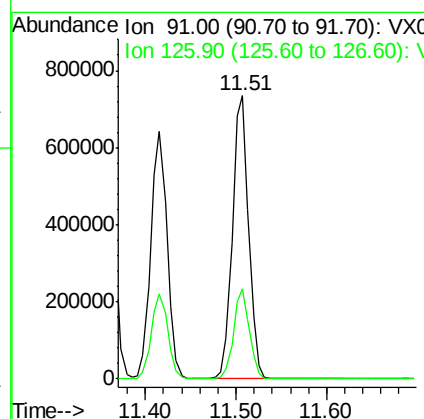
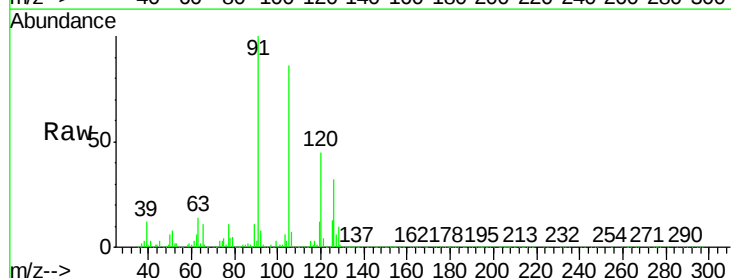
Manual Integrations
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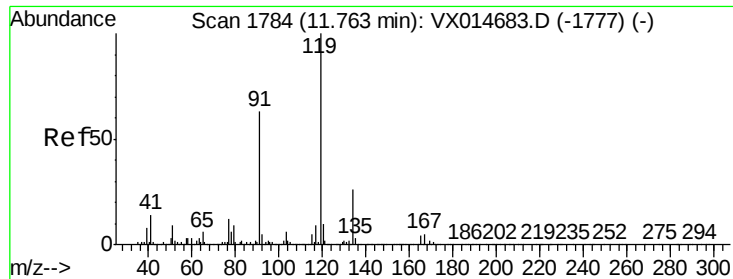
MMDadoda
1/24/2020 1:39:20 PM



#82
4-Chlorotoluene
Concen: 51.792 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





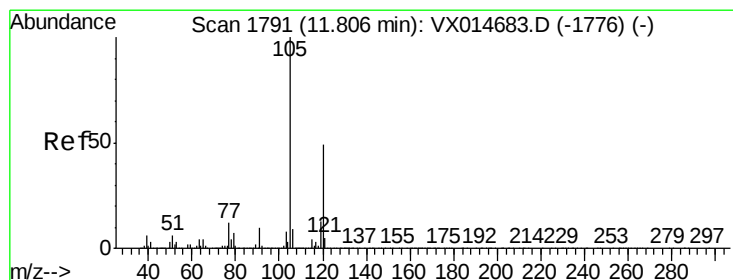
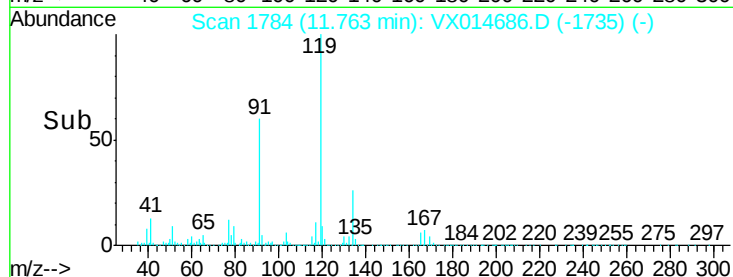
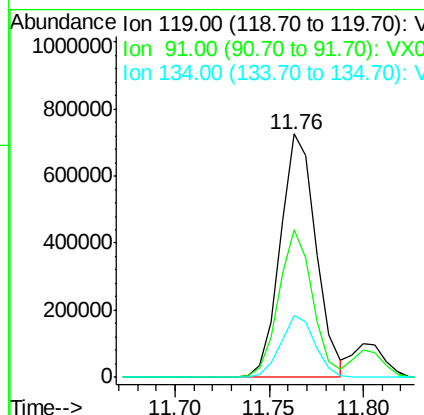
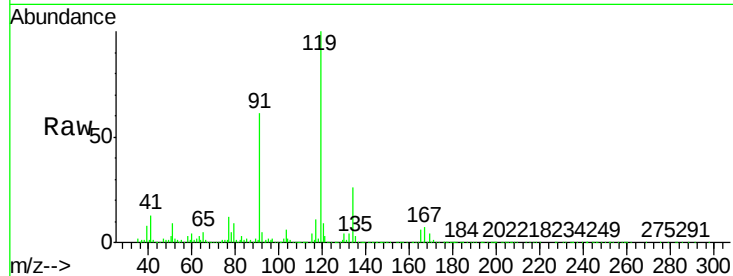
#83
tert-Butylbenzene
Concen: 53.087 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	30.0	90.0
134	24.4	12.7	38.0

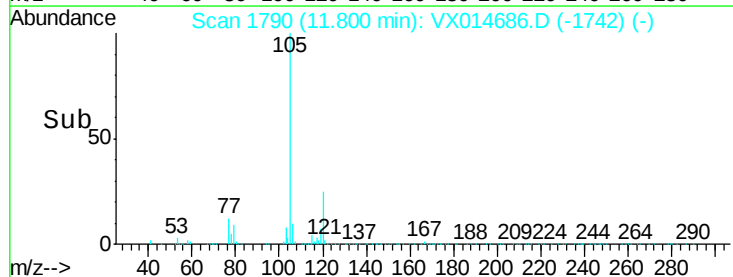
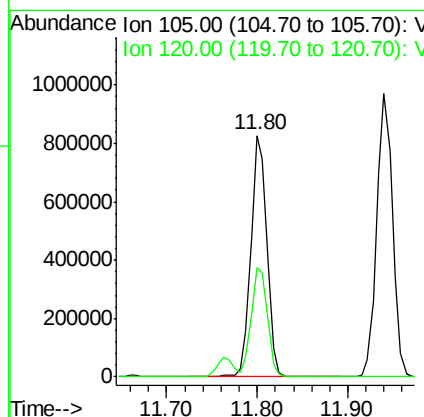
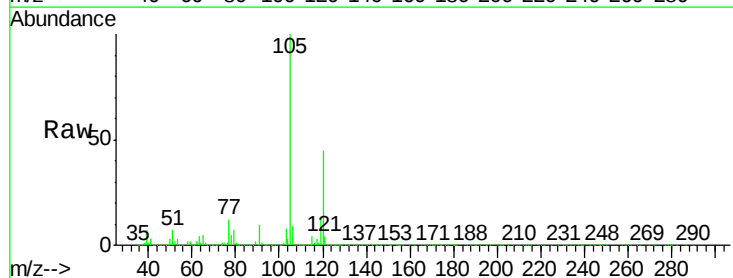
Manual Integrations
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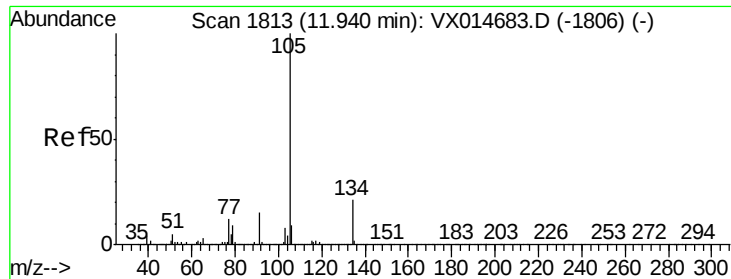
MMDadoda
1/24/2020 1:39:20 PM



#84
1,2,4-Trimethylbenzene
Concen: 52.694 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.4	70.0





#85

sec-Butylbenzene

Concen: 53.423 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampled :

ICVVX012220

Tot Ion:105 Resp: 1173052

Ion Ratio Lower Upper

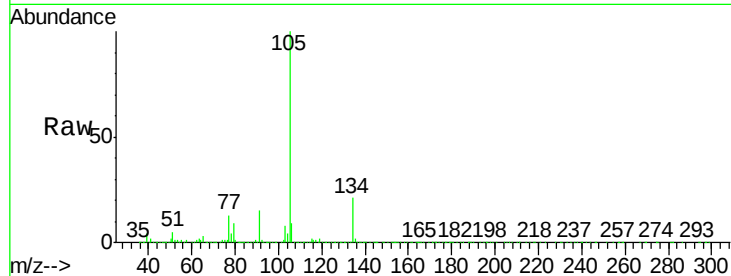
105 100

134 20.6 10.3 30.8

Manual Integrations
APPROVED

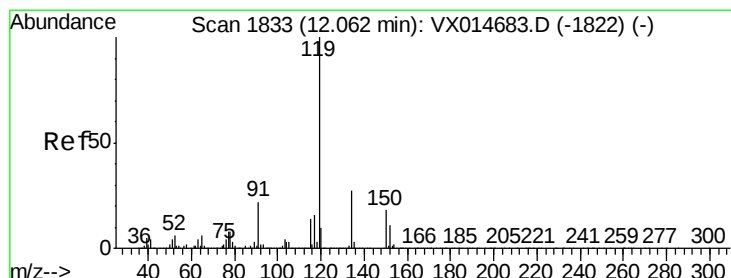
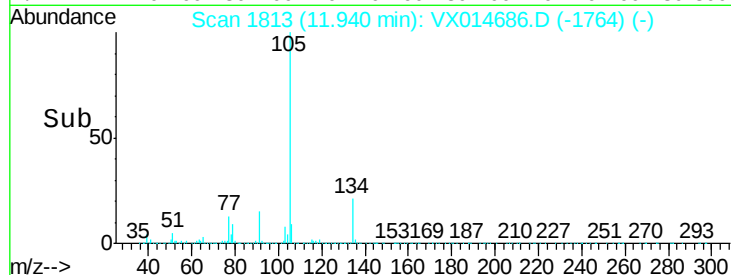
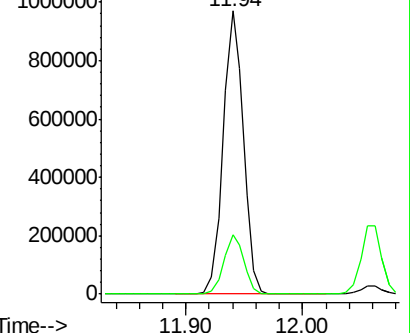
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.422 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

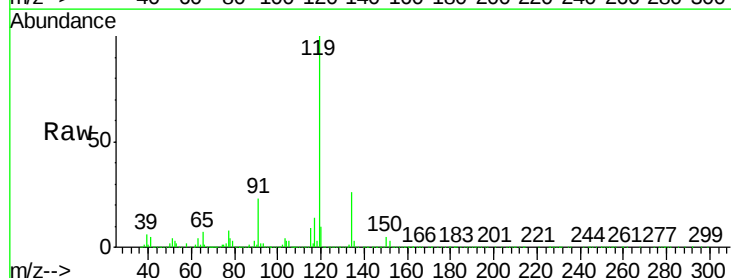
Tgt Ion:119 Resp: 1084067

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

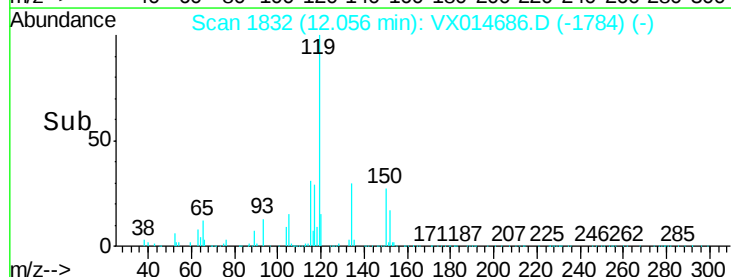
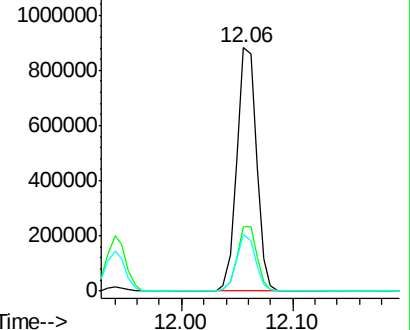
91 22.5 11.3 33.8

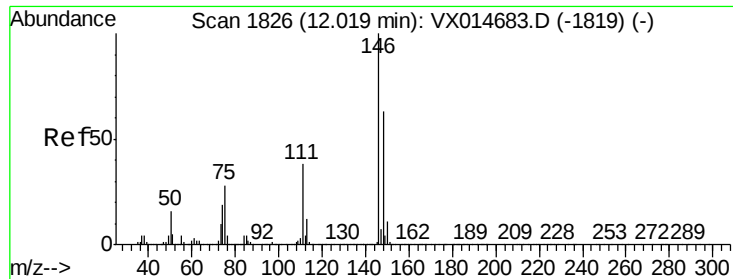


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.198 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014686.D

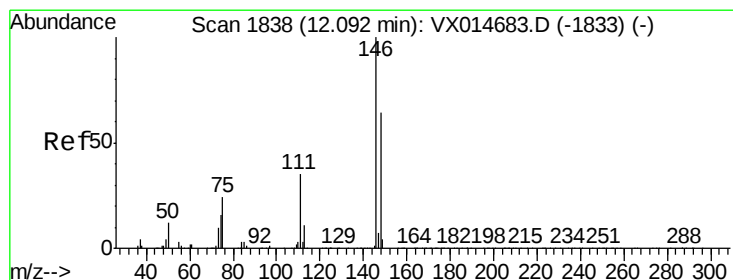
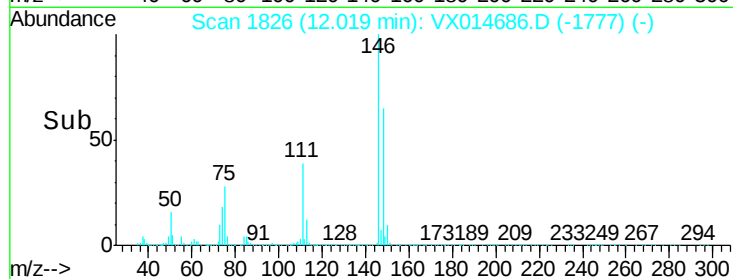
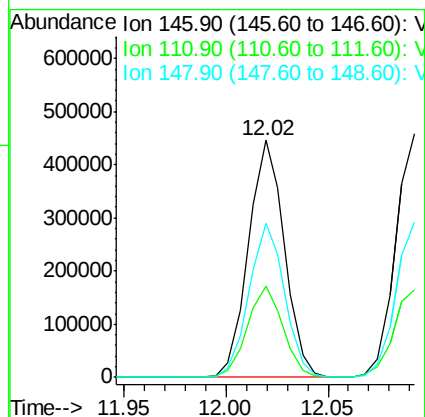
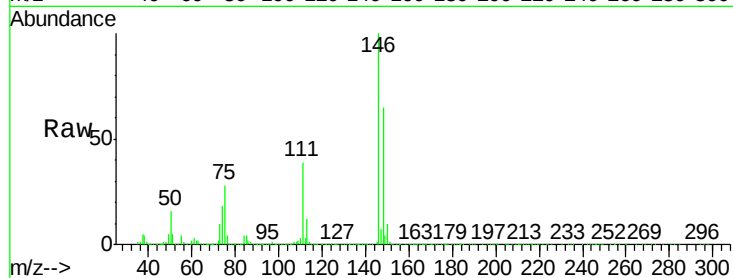
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.1	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.280 ug/l

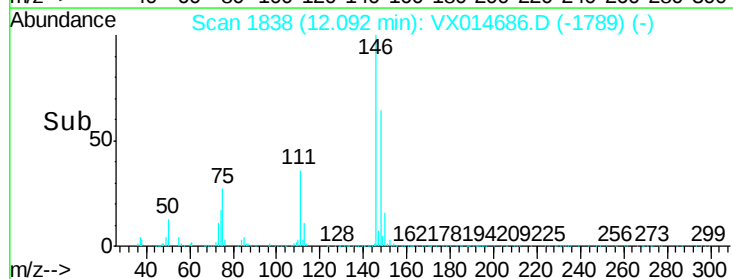
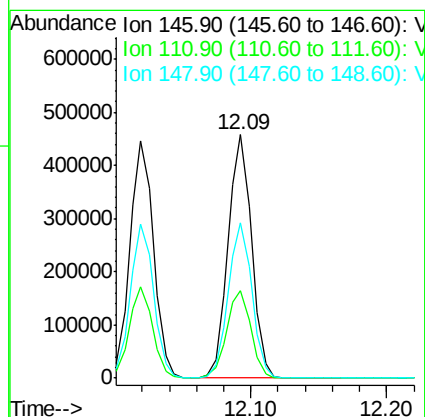
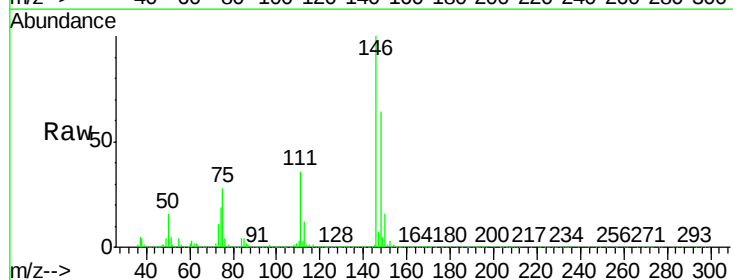
RT: 12.09 min Scan# 1838

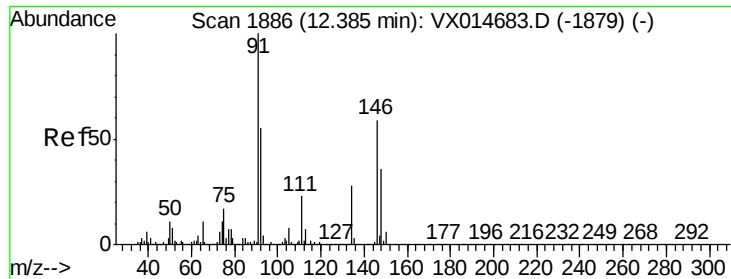
Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.2	32.0	96.2





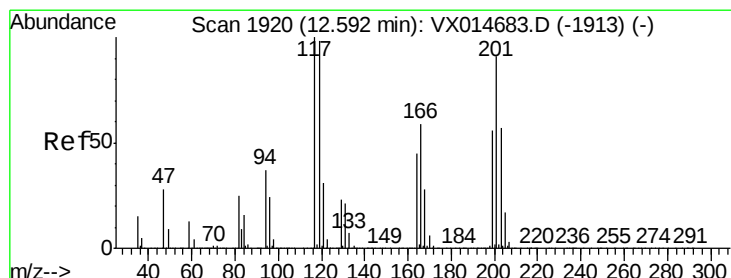
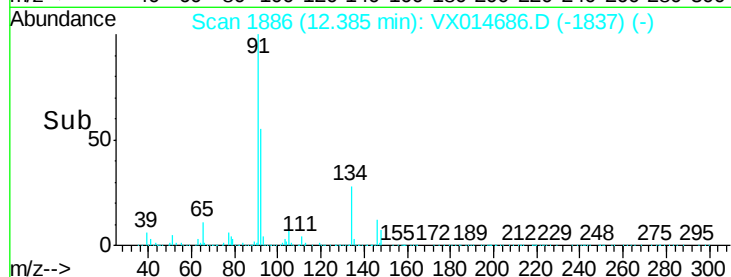
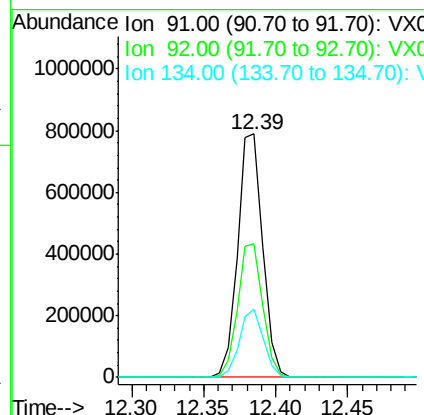
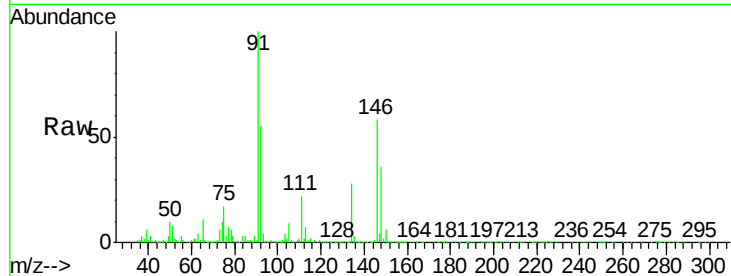
#89
n-Butylbenzene
Concen: 54.406 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Resp	Lower	Upper
91	100	961563		
92	54.8	27.6	82.7	
134	26.8	13.3	39.8	

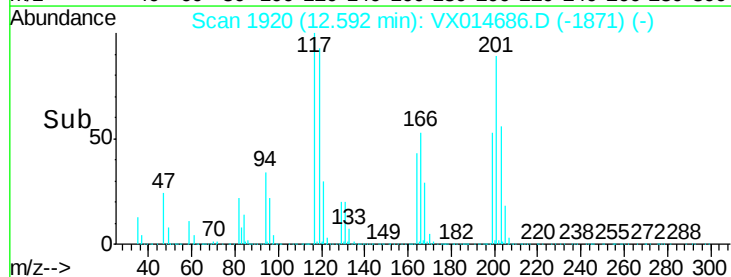
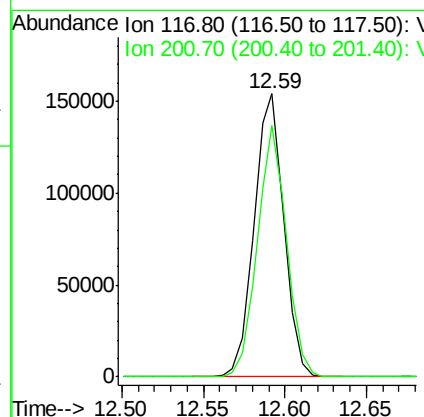
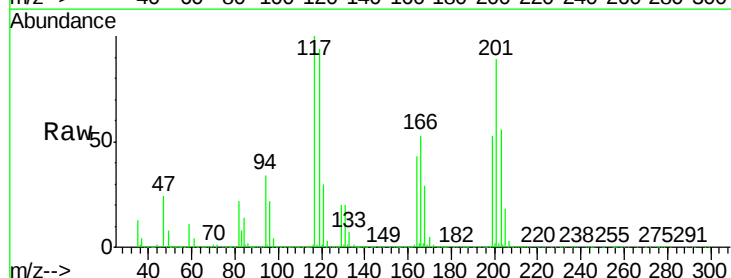
Manual Integrations
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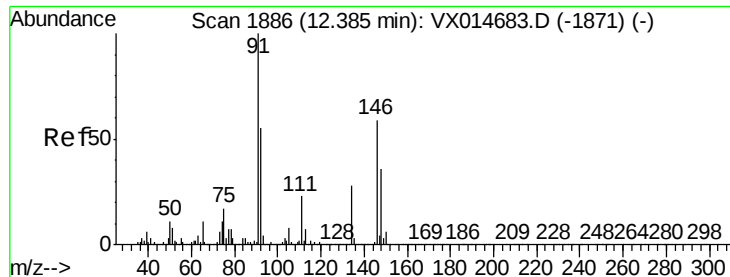
MMDadoda
1/24/2020 1:39:20 PM



#90
Hexachloroethane
Concen: 51.497 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	194104		
201	87.3	44.4	133.1	





#91

1,2-Dichlorobenzene

Concen: 49.831 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

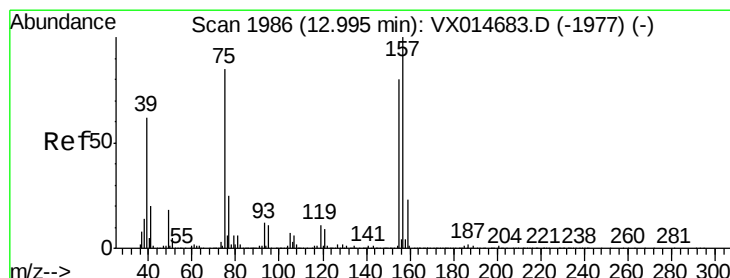
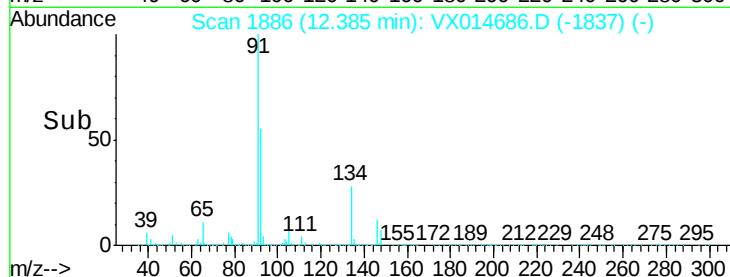
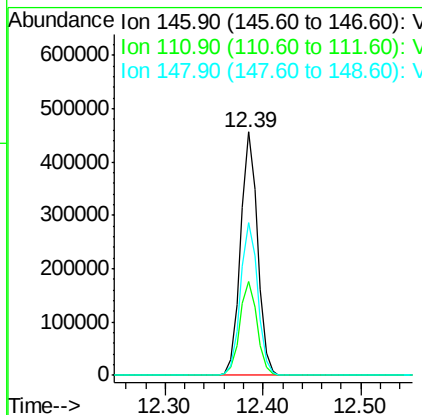
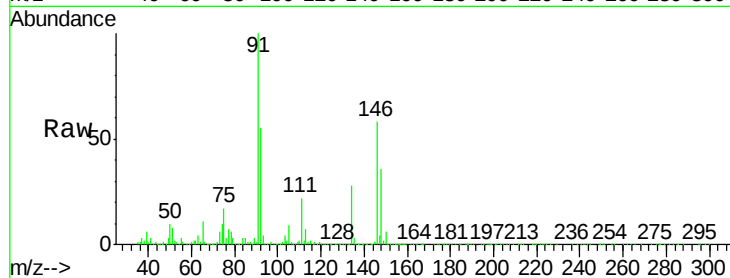
ClientSampleId :

ICVVX012220

Tot Ion:	146	Resp:	549163
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.8
148	63.7	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.342 ug/l

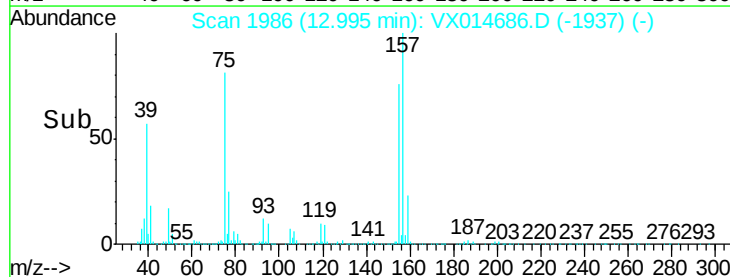
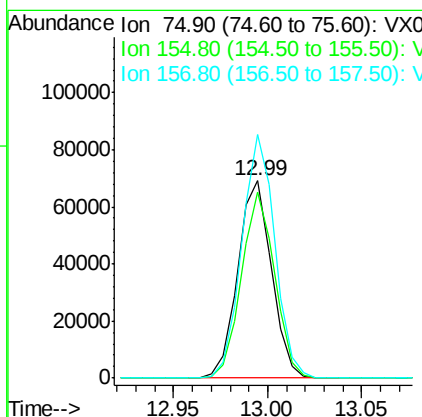
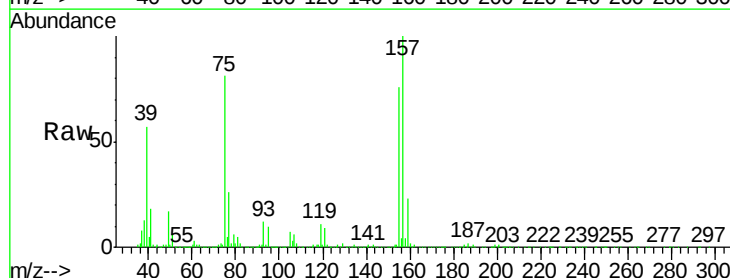
RT: 12.99 min Scan# 1986

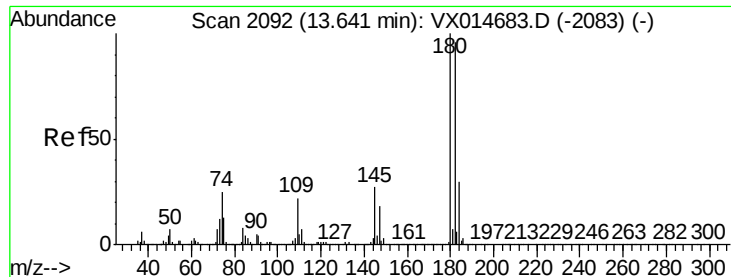
Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:	75	Resp:	85229
Ion Ratio	Lower	Upper	
75	100		
155	93.2	45.6	136.9
157	121.1	60.3	180.9





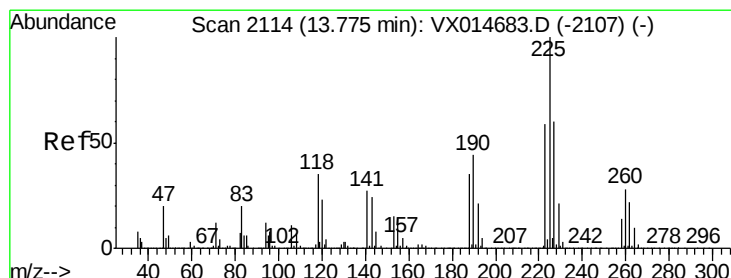
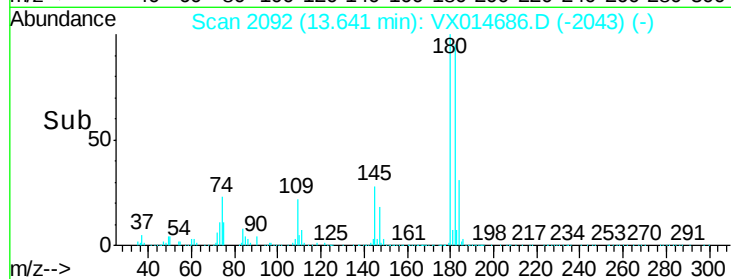
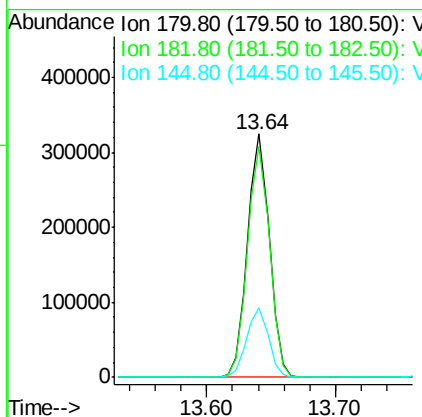
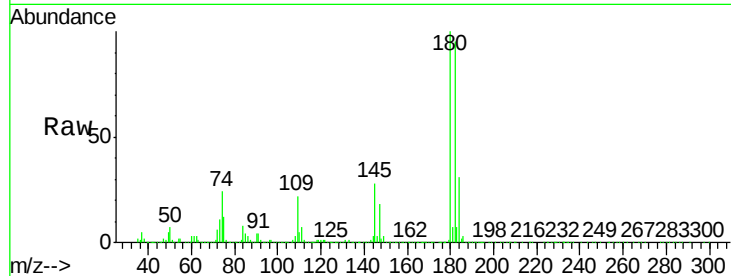
#93
1,2,4-Trichlorobenzene
Concen: 53.238 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVX012220

Tot Ion	Ratio	Resp	Lower	Upper
180	100	378268		
182	96.2	48.5	145.6	
145	28.5	14.0	41.9	

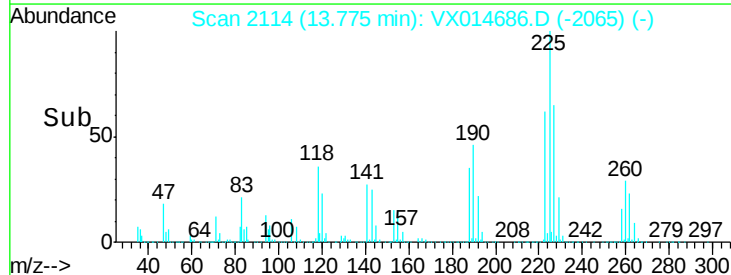
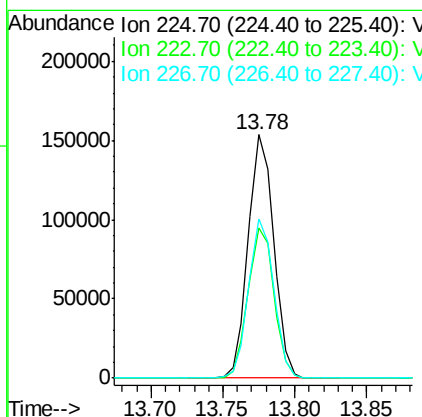
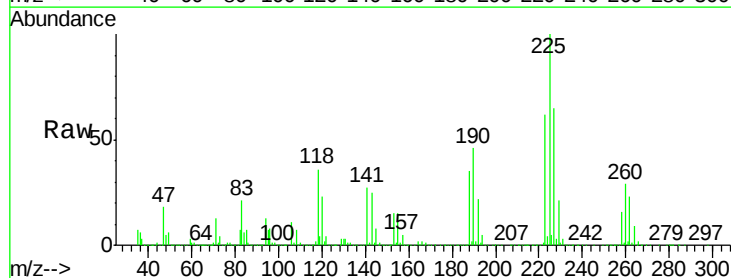
Manual Integrations
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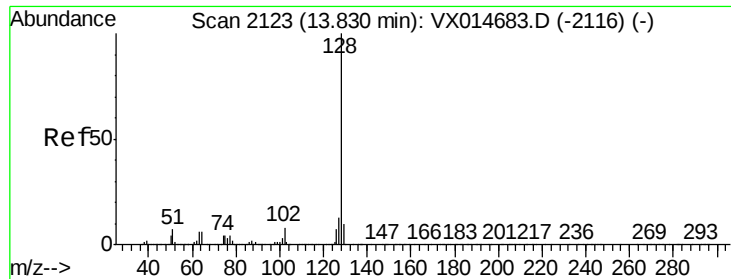
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1/24/2020 1:39:20 PM



#94
Hexachlorobutadiene
Concen: 51.560 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	188554		
223	62.7	30.6	91.8	
227	64.3	31.4	94.0	





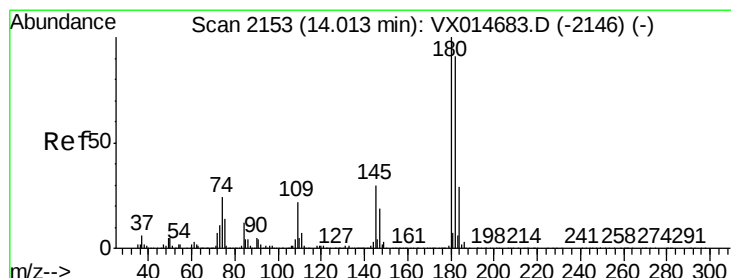
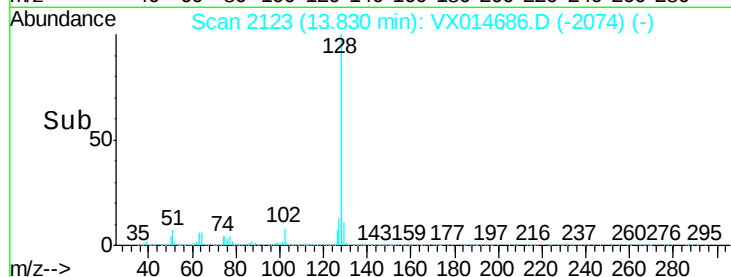
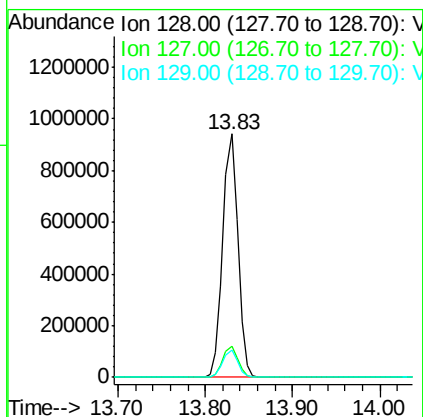
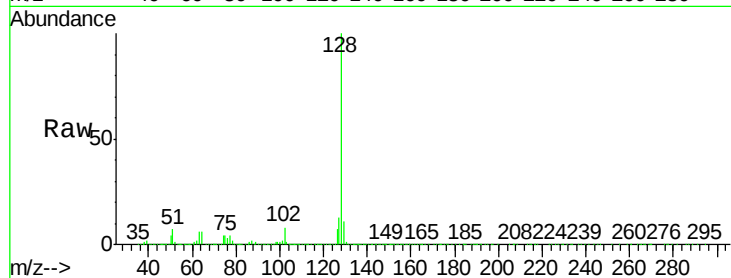
#95
Naphthalene
Concen: 48.986 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.932 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	46.6	139.7
145	30.0	14.7	44.1

