

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013120\
 Data File : VX014784.D
 Acq On : 31 Jan 2020 17:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:36:00 PM

Quant Time: Jan 31 17:55:16 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	5.64	168	442410	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	640078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	589540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	238228	46.11	ug/l	0.00
Spiked Amount						
			Recovery	=	92.22%	
35) Dibromofluoromethane	5.48	113	193876	48.00	ug/l	0.00
Spiked Amount						
			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	739847	47.65	ug/l	0.00
Spiked Amount						
			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.13	95	265533	48.01	ug/l	0.00
Spiked Amount						
			Recovery	=	96.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	262665	44.294	ug/l	99
3) Chloromethane	1.32	50	255754	42.732	ug/l	98
4) Vinyl Chloride	1.40	62	300907	46.499	ug/l	99
5) Bromomethane	1.63	94	191732	43.620	ug/l	99
6) Chloroethane	1.72	64	165897	44.661	ug/l	97
7) Trichlorofluoromethane	1.92	101	347159	46.073	ug/l	99
8) Diethyl Ether	2.18	74	147654	44.895	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208701	47.181	ug/l	100
10) Methyl Iodide	2.50	142	272242	46.905	ug/l	98
11) Tert butyl alcohol	3.03	59	217451	187.475	ug/l	99
12) 1,1-Dichloroethene	2.36	96	200040	45.485	ug/l	97
13) Acrolein	2.28	56	249880	273.228	ug/l	100
14) Allyl chloride	2.72	41	357414	45.213	ug/l	97
15) Acrylonitrile	3.12	53	583110	217.277	ug/l	100
16) Acetone	2.43	43	488253	172.484	ug/l	100
17) Carbon Disulfide	2.56	76	508471	42.302	ug/l	98
18) Methyl Acetate	2.76	43	361595	44.739	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	679177	47.148	ug/l	99
20) Methylene Chloride	2.84	84	232987	44.468	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	214606	44.318	ug/l	98
22) Diisopropyl ether	3.84	45	743260	47.259	ug/l	100
23) Vinyl Acetate	3.80	43	2879638	240.192	ug/l	100
24) 1,1-Dichloroethane	3.69	63	398015	46.600	ug/l	100
25) 2-Butanone	4.65	43	792893	195.448	ug/l	99
26) 2,2-Dichloropropane	4.57	77	330519	48.346	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	249881	46.107	ug/l	99
28) Bromochloromethane	5.00	49	150076	39.985	ug/l	98
29) Tetrahydrofuran	5.11	42	514659	213.748	ug/l	99
30) Chloroform	5.19	83	396321	46.841	ug/l	99
31) Cyclohexane	5.56	56	361979	45.059	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	336585	47.063	ug/l	99
36) 1,1-Dichloropropene	5.79	75	298053	50.113	ug/l	99
37) Ethyl Acetate	4.81	43	312851	45.927	ug/l	100
38) Carbon Tetrachloride	5.77	117	288303	50.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	374876	50.312	ug/l	96
40) Benzene	6.13	78	903560	49.168	ug/l	100
41) Methacrylonitrile	5.02	41	179517	46.173	ug/l	99
42) 1,2-Dichloroethane	6.18	62	319152	50.292	ug/l	100
43) Isopropyl Acetate	6.43	43	521359	46.738	ug/l	99
44) Trichloroethene	7.20	130	251557	48.462	ug/l	98
45) 1,2-Dichloropropane	7.50	63	236620	49.980	ug/l	99
46) Dibromomethane	7.65	93	152665	49.790	ug/l	98
47) Bromodichloromethane	7.89	83	308431	51.287	ug/l	98
48) Methyl methacrylate	7.76	41	263595	49.457	ug/l	98
49) 1,4-Dioxane	7.73	88	90286	799.142	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1636242	232.406	ug/l	99
52) Toluene	8.78	92	569142	50.383	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	344399	53.185	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	377096	52.936	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	232663	50.306	ug/l	99
56) Ethyl methacrylate	9.17	69	364122	46.566	ug/l	99
57) 1,3-Dichloropropane	9.36	76	394249	49.866	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	596882	256.620	ug/l	98
59) 2-Hexanone	9.48	43	1214322	222.270	ug/l	99
60) Dibromochloromethane	9.57	129	250937	51.981	ug/l	100
61) 1,2-Dibromoethane	9.67	107	245027	50.108	ug/l	99
64) Tetrachloroethene	9.33	164	267650	45.864	ug/l	97
65) Chlorobenzene	10.13	112	621068	49.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	233410	50.203	ug/l	99
67) Ethyl Benzene	10.25	91	1095406	50.875	ug/l	100
68) m/p-Xylenes	10.35	106	839996	102.978	ug/l	100
69) o-Xylene	10.70	106	403267	51.210	ug/l	99
70) Styrene	10.70	104	701656	53.117	ug/l	99
71) Bromoform	10.85	173	193590	52.359	ug/l #	99
73) Isopropylbenzene	11.01	105	1090013	50.732	ug/l	100
74) N-amyl acetate	10.89	43	459401	48.793	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	342182	44.605	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	295039m	41.501	ug/l	
77) Bromobenzene	11.25	156	286141	49.574	ug/l	95
78) n-propylbenzene	11.35	91	1244205	51.017	ug/l	100
79) 2-Chlorotoluene	11.42	91	726295	49.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	920986	51.647	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118202	47.316	ug/l	99
82) 4-Chlorotoluene	11.51	91	846740	50.403	ug/l	100
83) tert-Butylbenzene	11.76	119	867300	51.759	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	918781	51.368	ug/l	98
85) sec-Butylbenzene	11.94	105	1072902	52.266	ug/l	100
86) p-Isopropyltoluene	12.06	119	990975	52.237	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	504413	48.626	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	504656	48.567	ug/l	100
89) n-Butylbenzene	12.39	91	867721	52.517	ug/l	99
90) Hexachloroethane	12.59	117	175021	49.670	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	504713	48.988	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71689	43.496	ug/l	95

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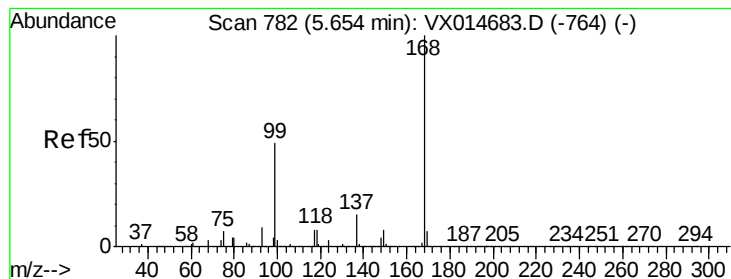
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	342948	51.630	ug/l	99
94) Hexachlorobutadiene	13.78	225	179405	52.477	ug/l	98
95) Naphthalene	13.83	128	967643	45.265	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	343255	51.107	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 442410

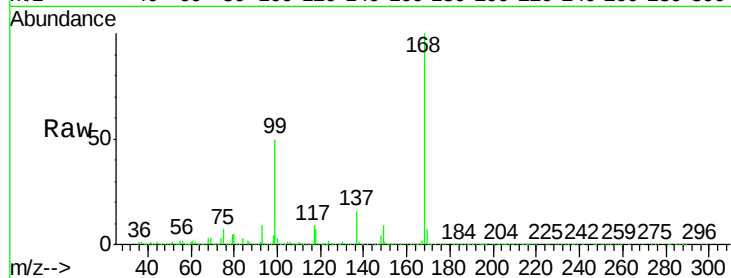
Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.6

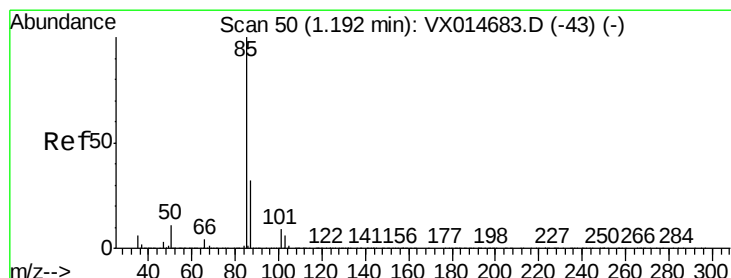
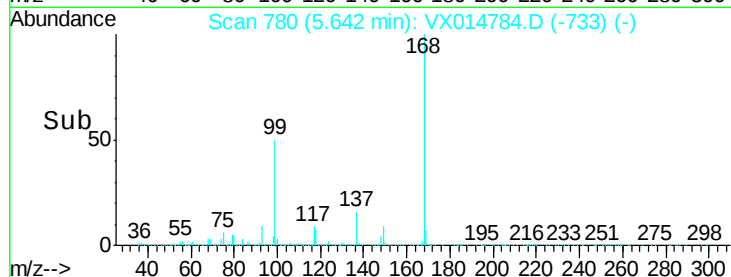
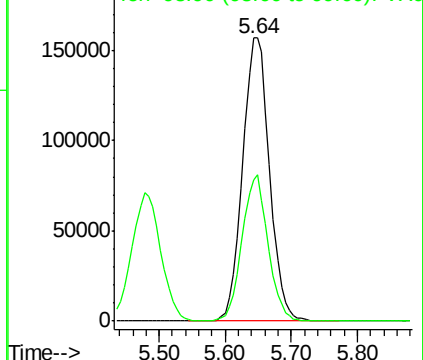
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.294 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014784.D

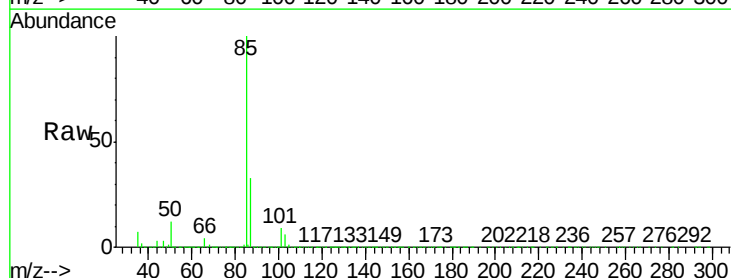
Acq: 31 Jan 2020 17:02

Tgt Ion: 85 Resp: 262665

Ion Ratio Lower Upper

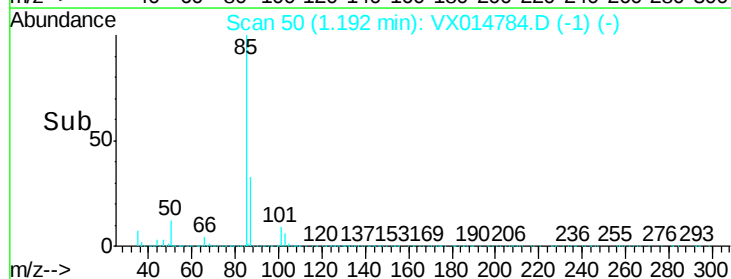
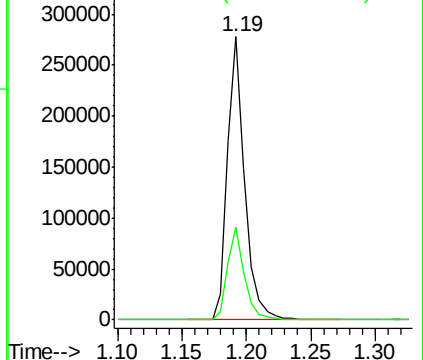
85 100

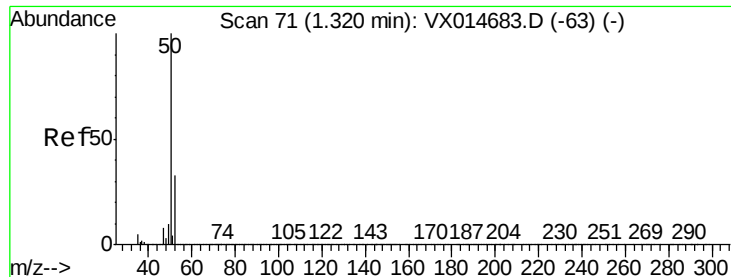
87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.732 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 255754

Ion Ratio Lower Upper

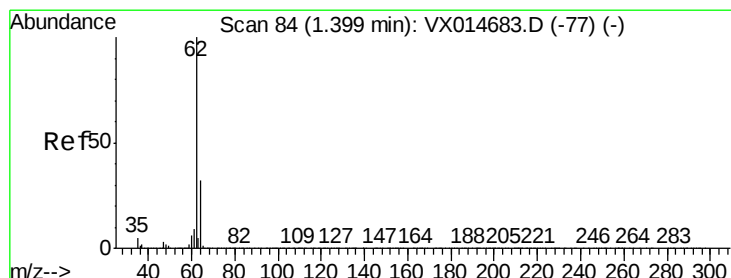
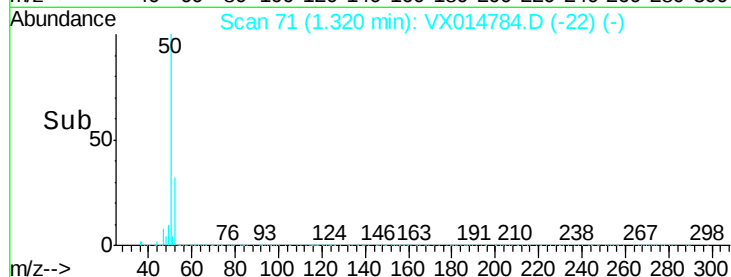
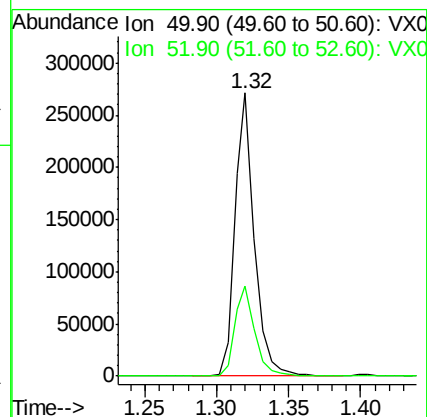
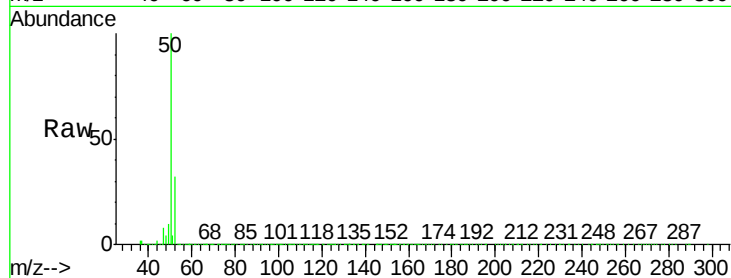
50 100

52 31.8 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.499 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014784.D

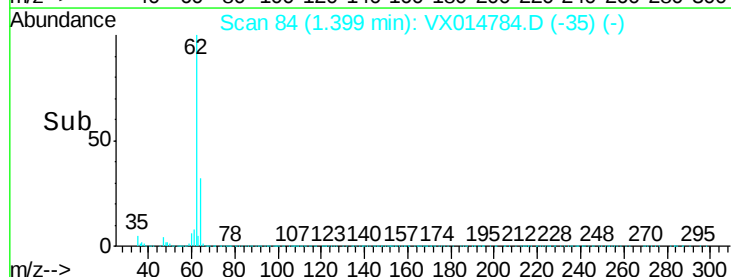
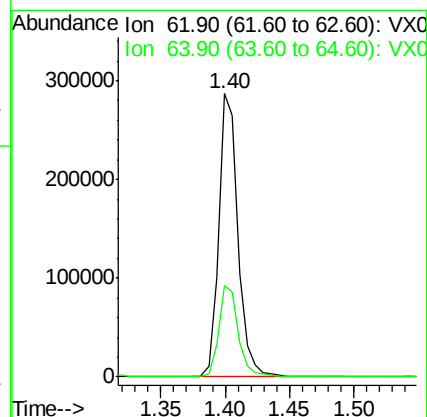
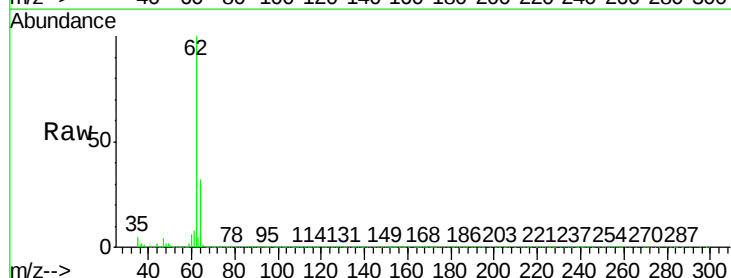
Acq: 31 Jan 2020 17:02

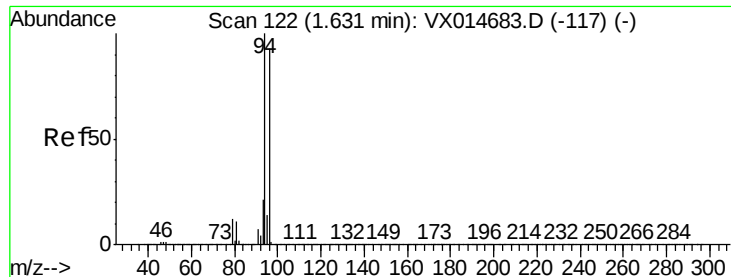
Tgt Ion: 62 Resp: 300907

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 43.620 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 191732

Ion Ratio Lower Upper

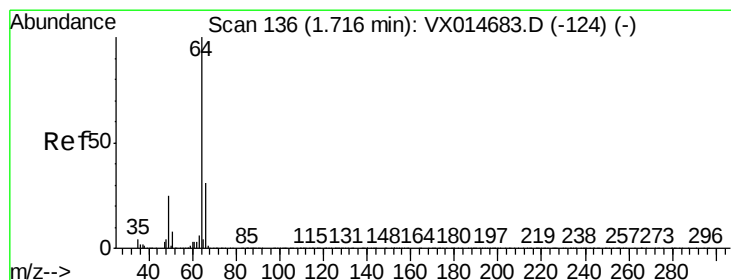
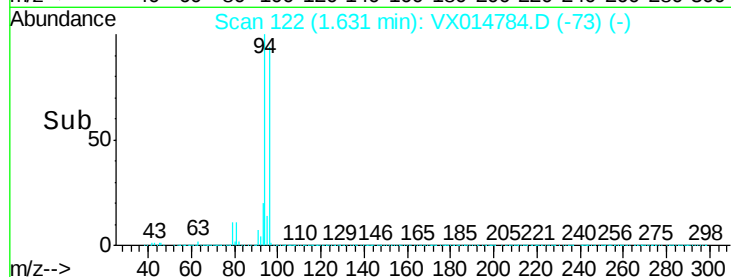
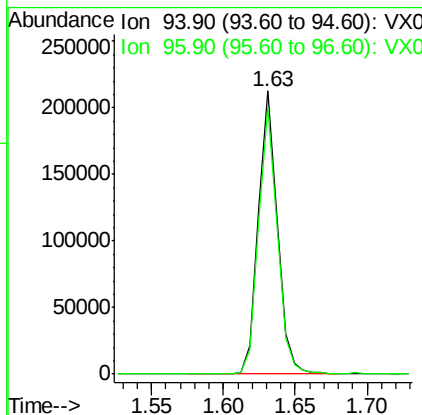
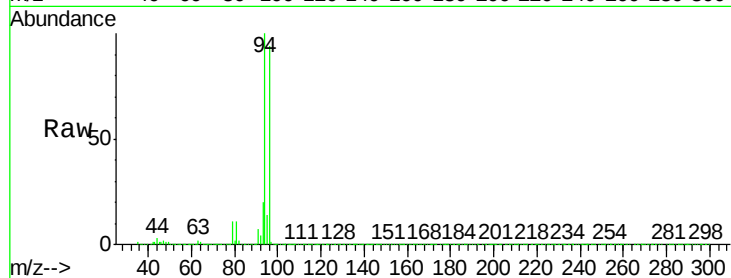
94 100

96 94.4 74.7 112.1

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#6

Chloroethane

Concen: 44.661 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014784.D

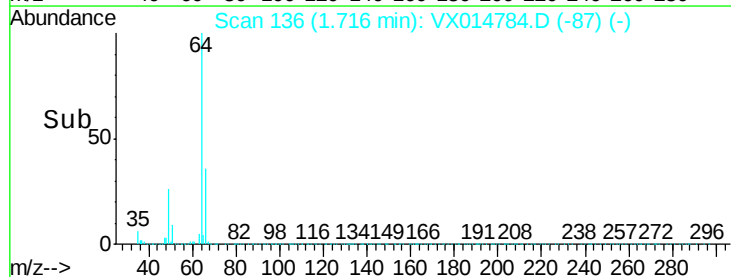
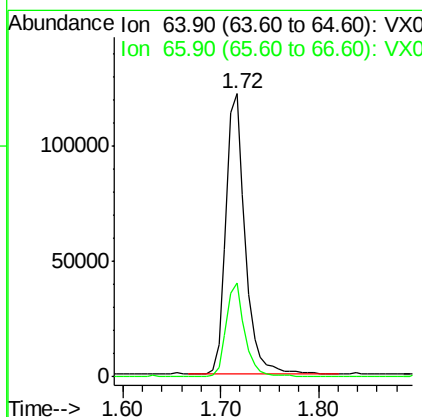
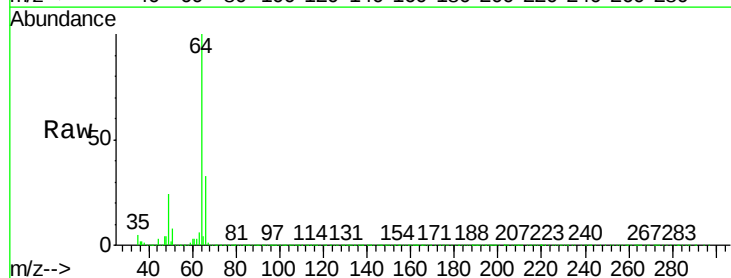
Acq: 31 Jan 2020 17:02

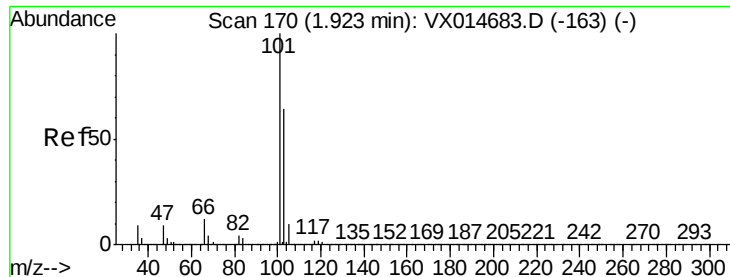
Tgt Ion: 64 Resp: 165897

Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8





#7

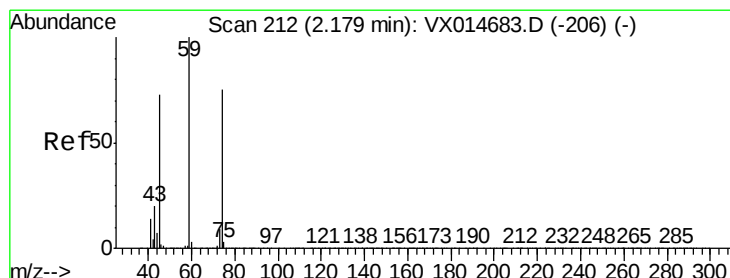
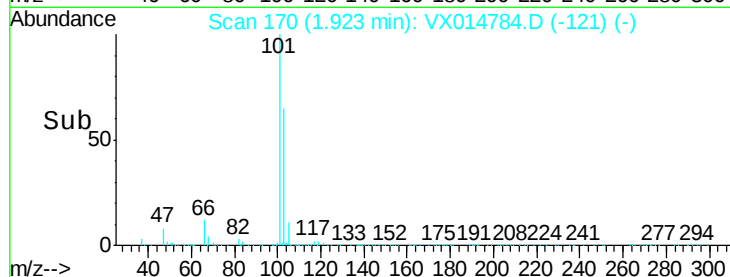
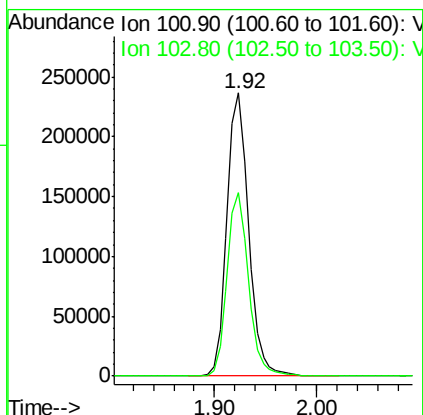
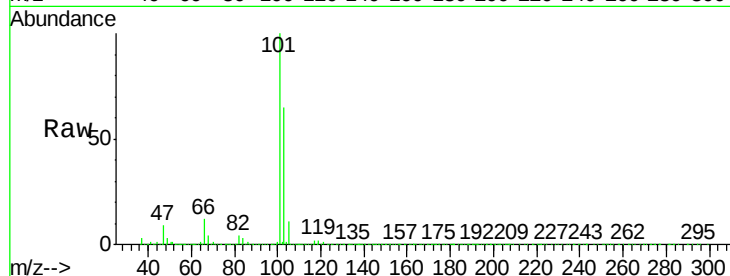
Trichlorofluoromethane
Concen: 46.073 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014784.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.0	76.6

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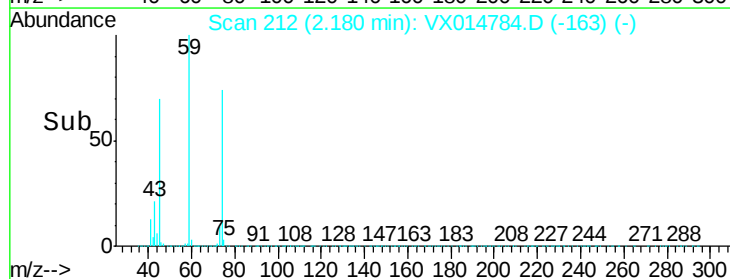
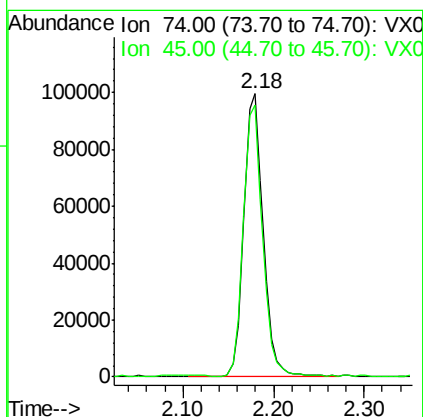
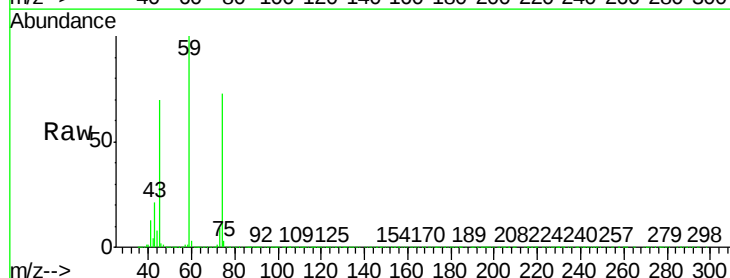
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2/4/2020 3:36:00 PM

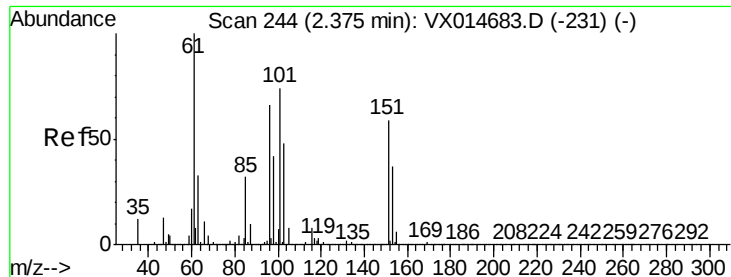


#8

Diethyl Ether
Concen: 44.895 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.181 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

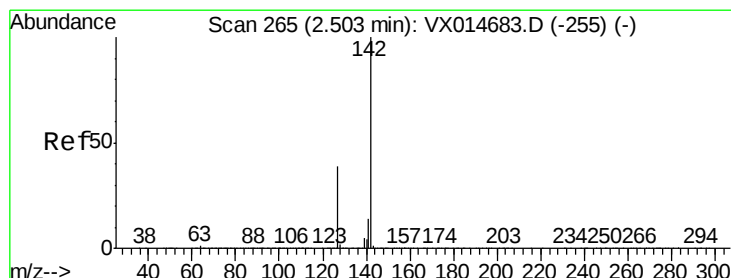
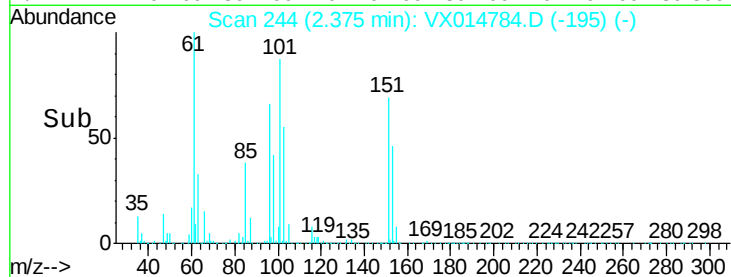
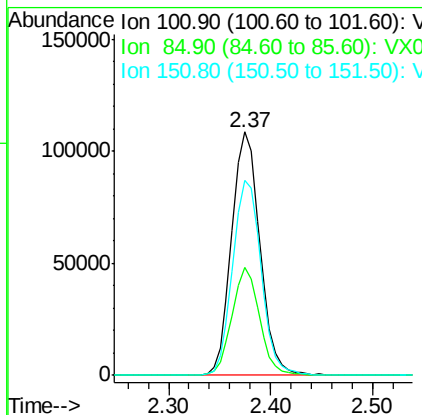
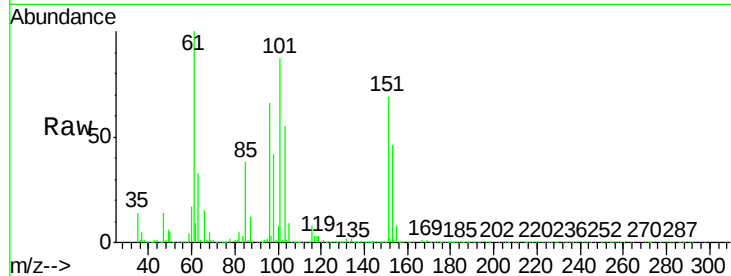
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	208701
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.7	52.1
151	81.0	64.7	97.1

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#10

Methyl Iodide

Concen: 46.905 ug/l

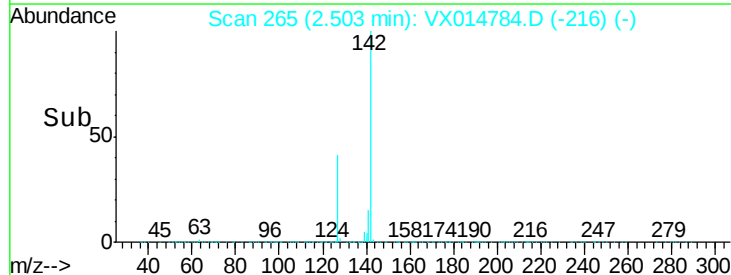
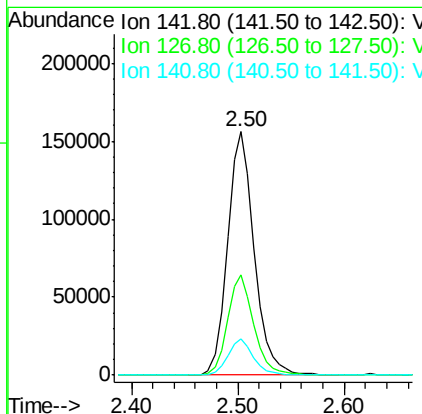
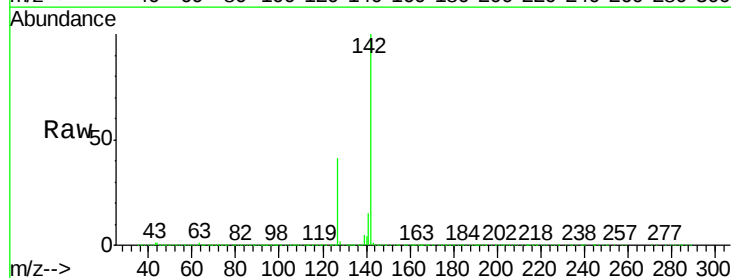
RT: 2.50 min Scan# 265

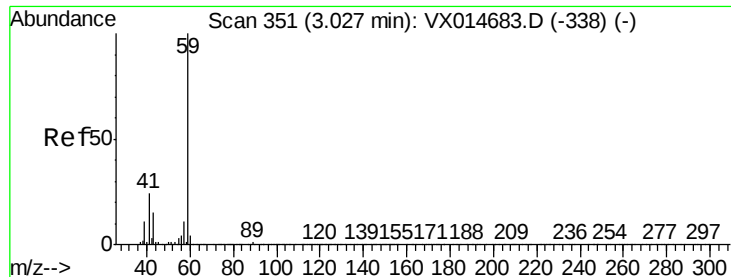
Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion:	142	Resp:	272242
Ion Ratio	Lower	Upper	
142	100		
127	40.4	31.1	46.7
141	14.3	11.3	16.9





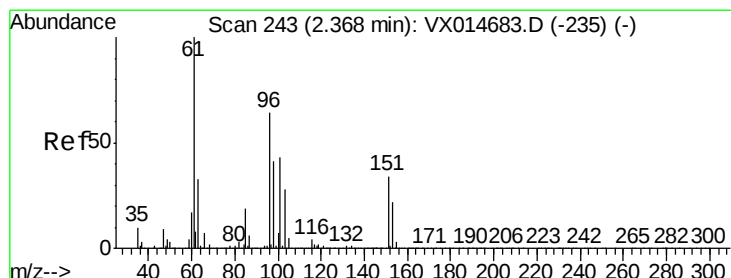
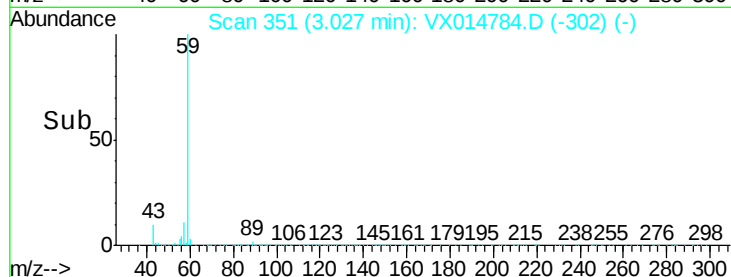
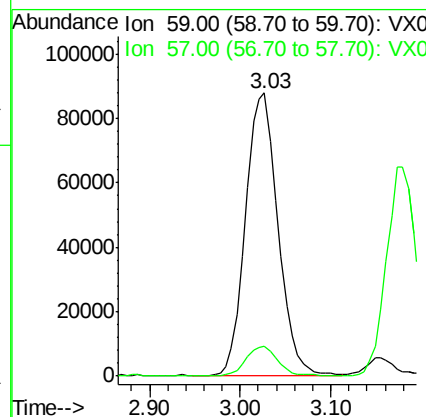
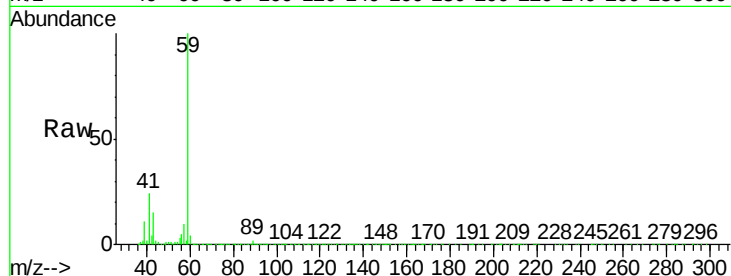
#11
Tert butyl alcohol
Concen: 187.475 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

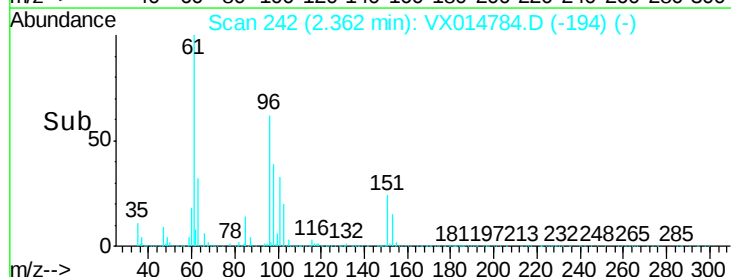
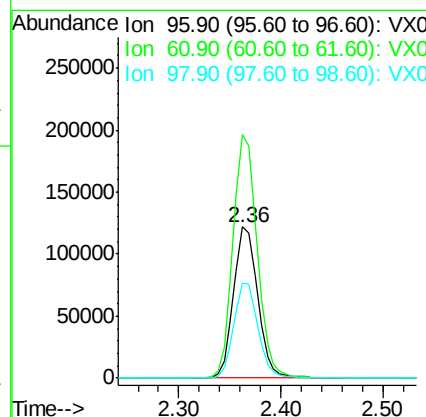
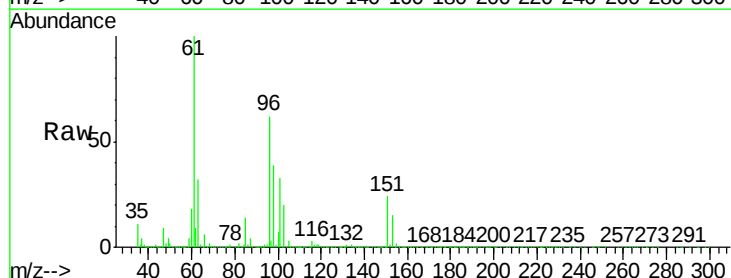
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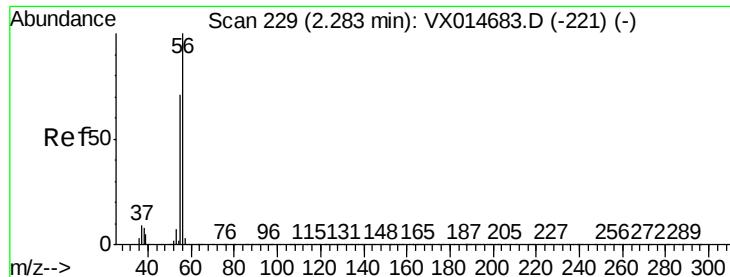
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.485 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	125.8	188.8
98	62.8	51.5	77.3





#13

Acrolein

Concen: 273.228 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 249880

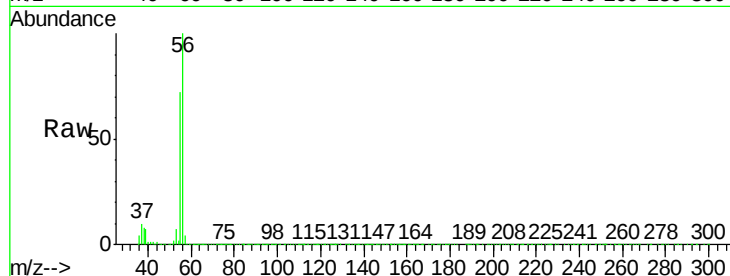
Ion Ratio Lower Upper

56 100

55 70.3 56.6 84.8

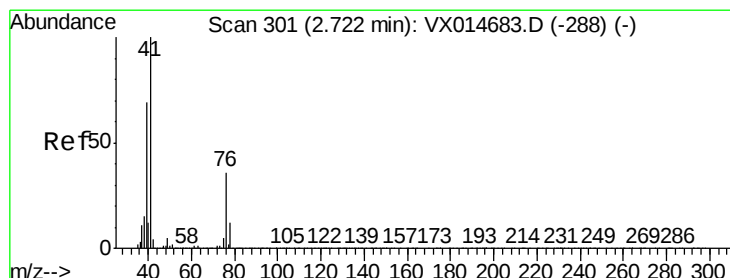
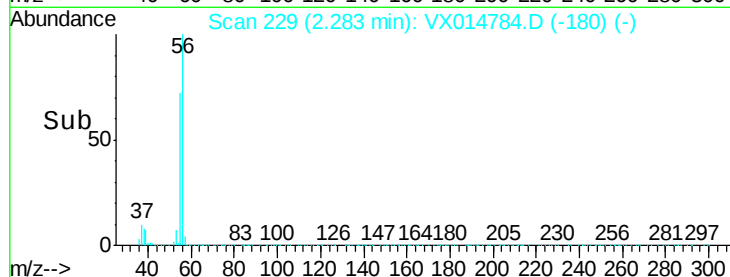
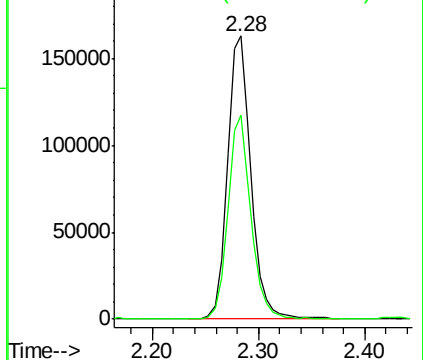
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.213 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

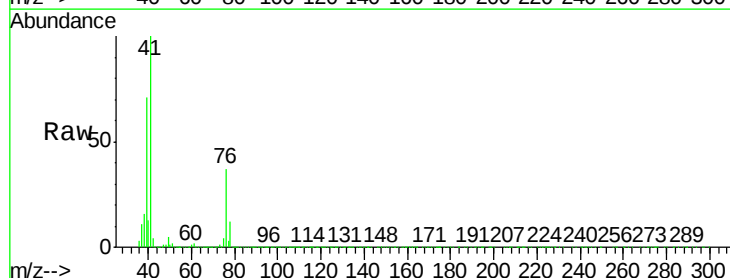
Tgt Ion: 41 Resp: 357414

Ion Ratio Lower Upper

41 100

39 67.8 52.0 78.0

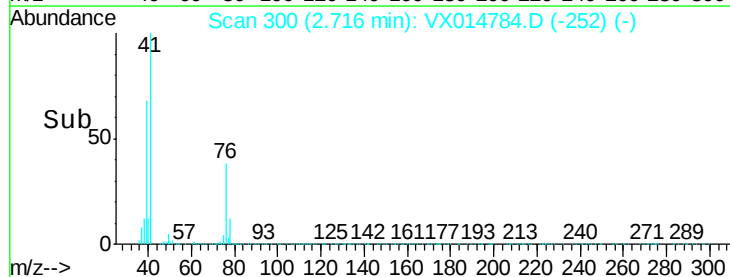
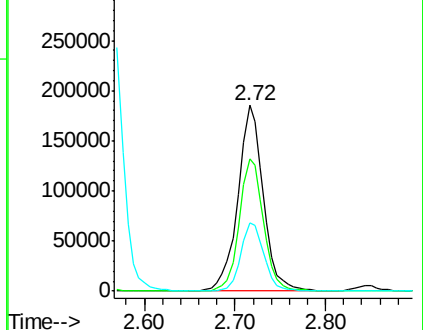
76 33.3 26.0 39.0

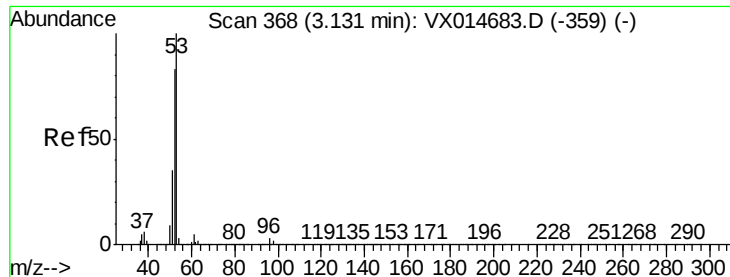


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 217.277 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

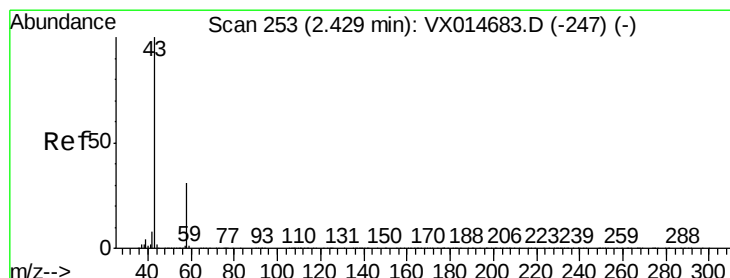
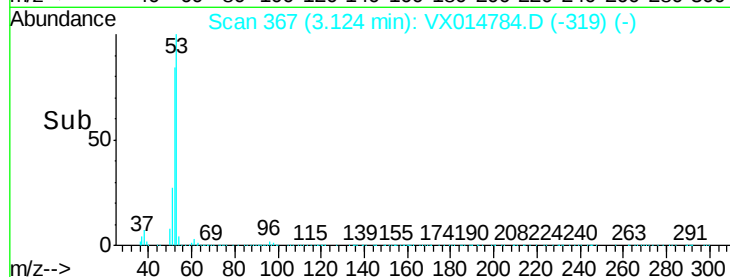
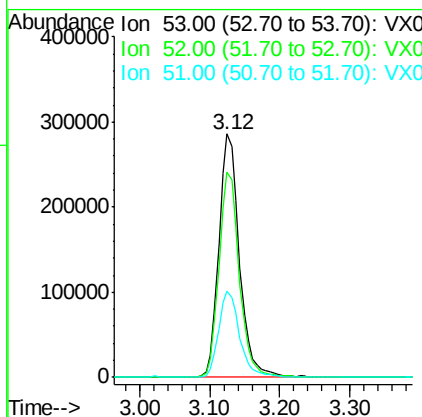
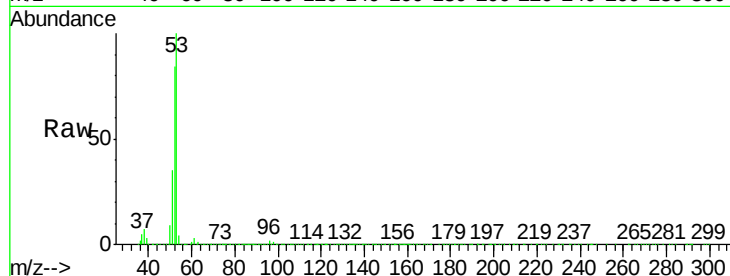
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	583110
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.4	99.6
51	36.2	28.7	43.1

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#16

Acetone

Concen: 172.484 ug/l

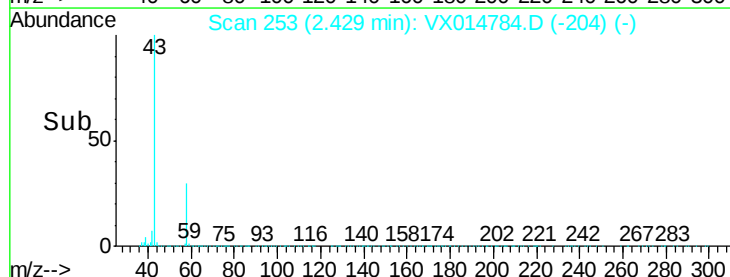
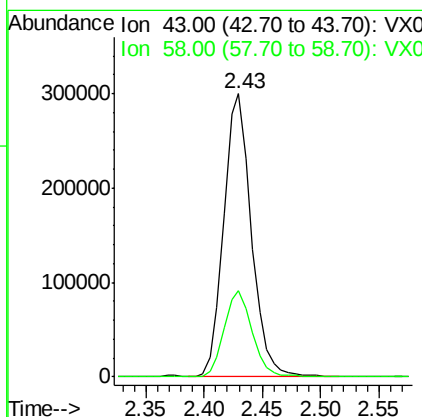
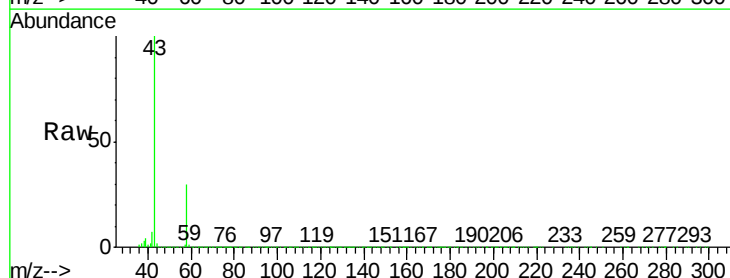
RT: 2.43 min Scan# 253

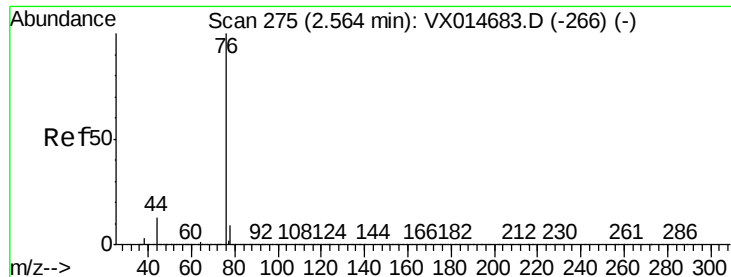
Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion:	43	Resp:	488253
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.5	36.7





#17

Carbon Disulfide

Concen: 42.302 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 508471

Ion Ratio Lower Upper

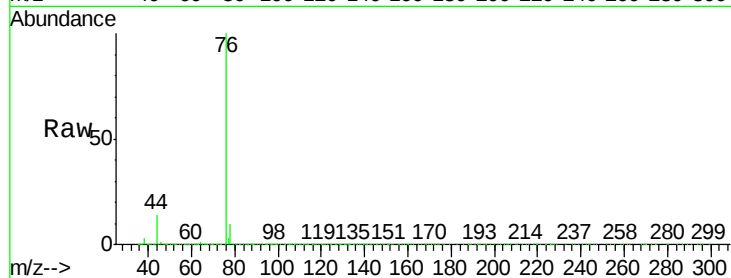
76 100

78 9.6 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

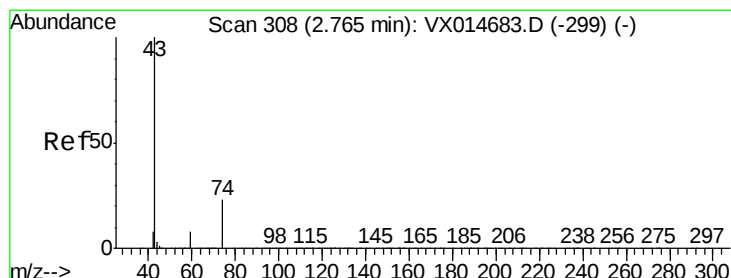
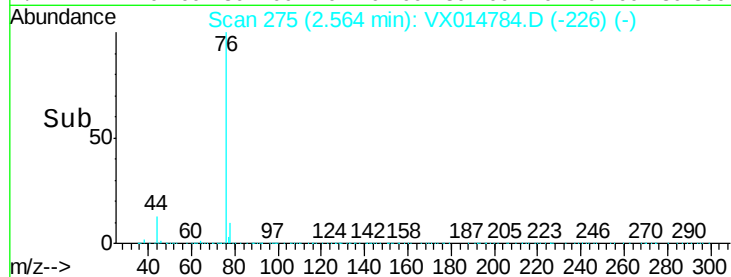
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 44.739 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014784.D

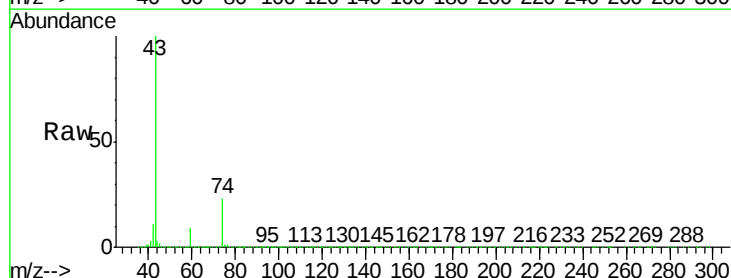
Acq: 31 Jan 2020 17:02

Tgt Ion: 43 Resp: 361595

Ion Ratio Lower Upper

43 100

74 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

200000

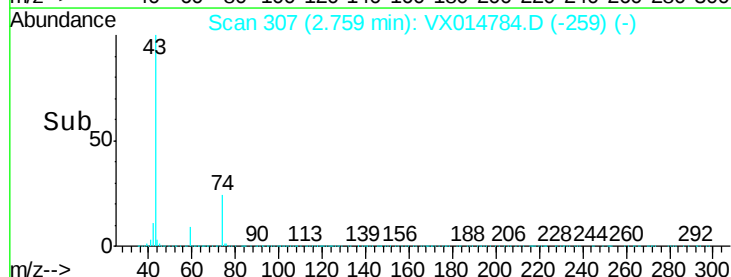
150000

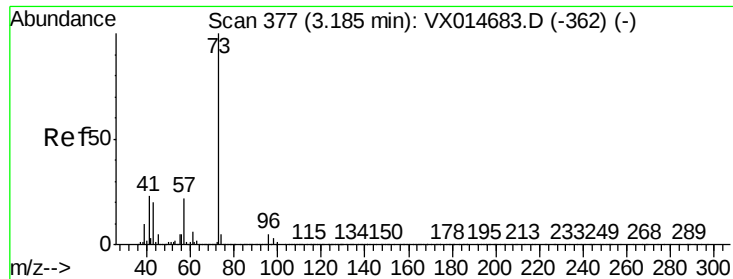
100000

50000

0

Time-->





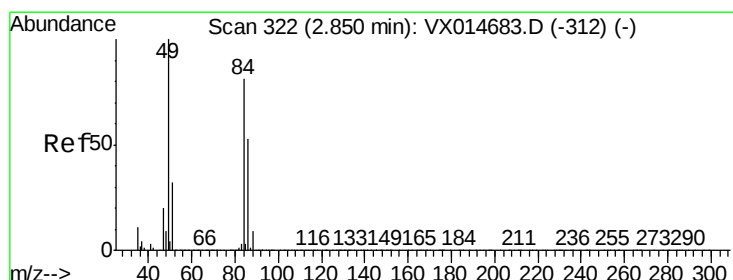
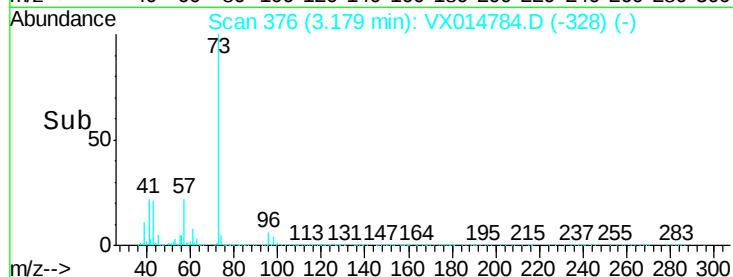
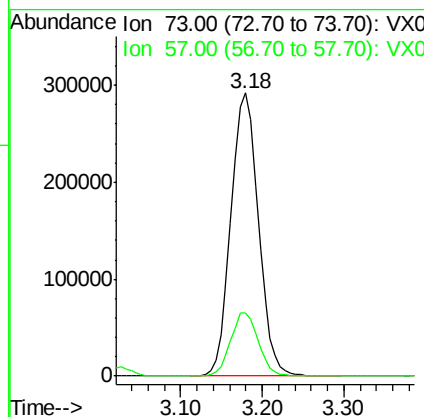
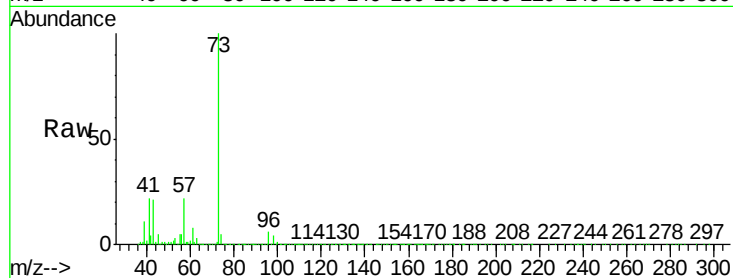
#19
Methyl tert-butyl Ether
Concen: 47.148 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	73	Resp	679177
Ion Ratio	Lower	Upper	
73	100		
57	22.2	18.0	27.0

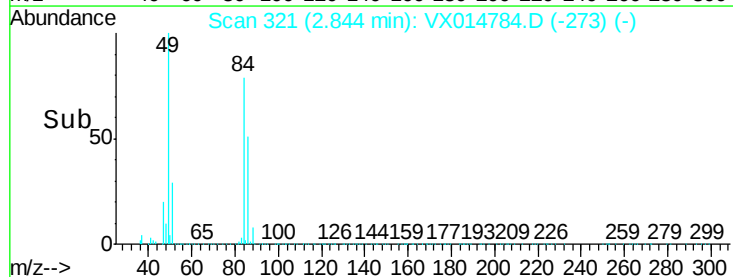
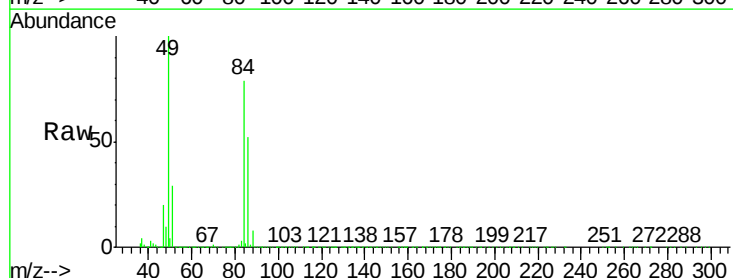
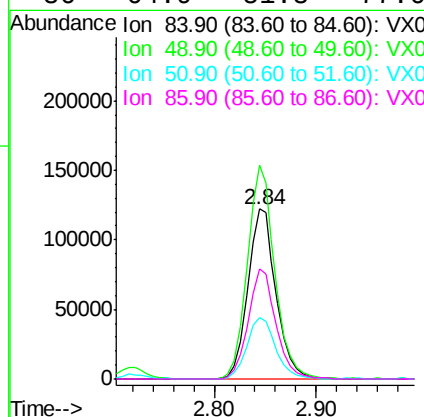
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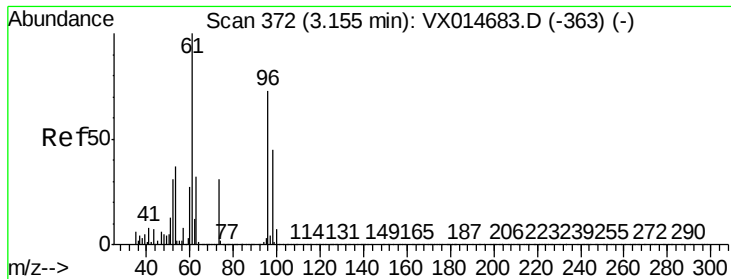
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#20
Methylene Chloride
Concen: 44.468 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	84	Resp	232987
Ion Ratio	Lower	Upper	
84	100		
49	125.8	98.2	147.4
51	36.5	31.3	46.9
86	64.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 44.318 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

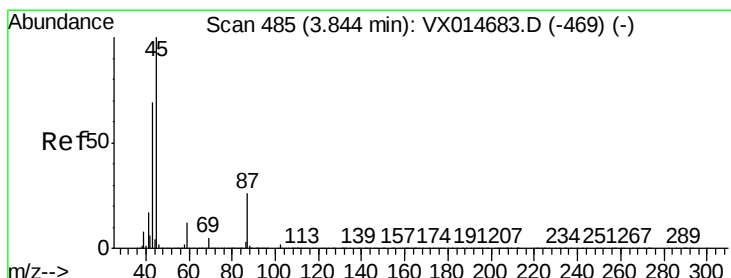
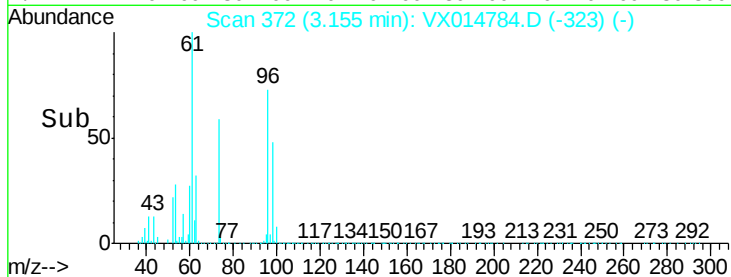
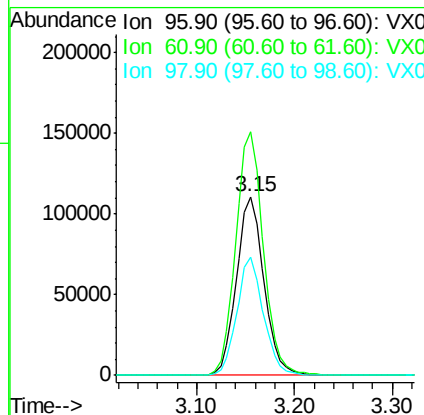
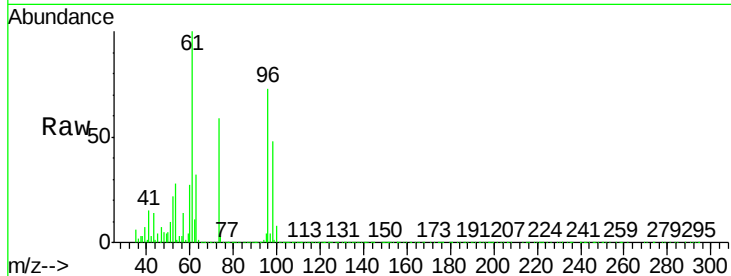
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	214606
Ion Ratio	Lower	Upper	
96	100		
61	136.3	109.8	164.6
98	65.7	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.259 ug/l

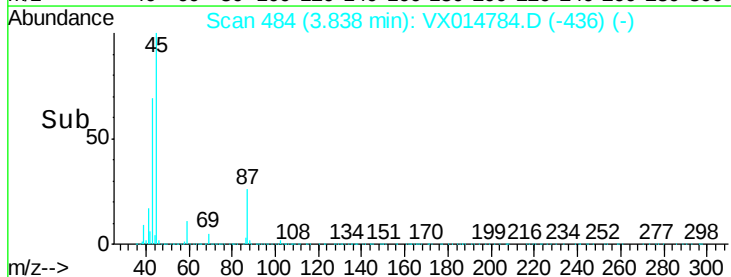
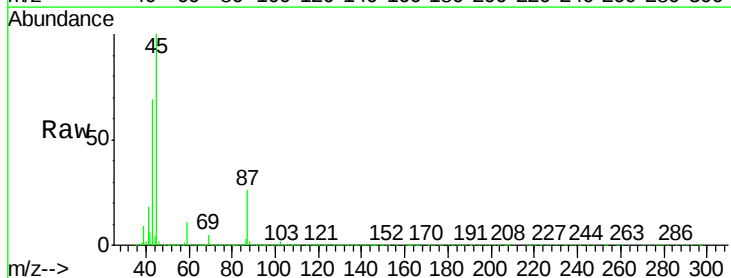
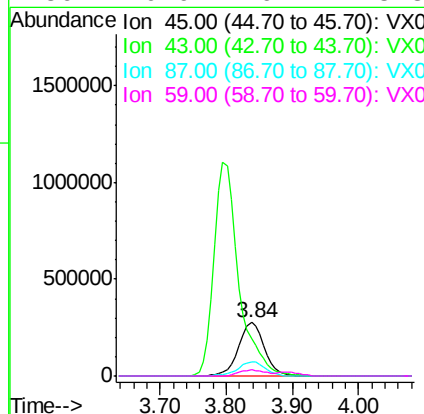
RT: 3.84 min Scan# 484

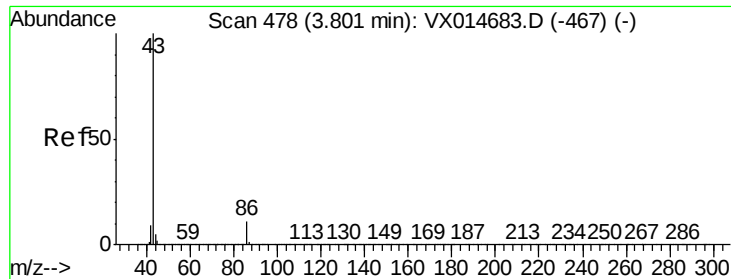
Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion:	45	Resp:	743260
Ion Ratio	Lower	Upper	
45	100		
43	69.1	55.1	82.7
87	25.8	20.7	31.1
59	10.9	9.2	13.8





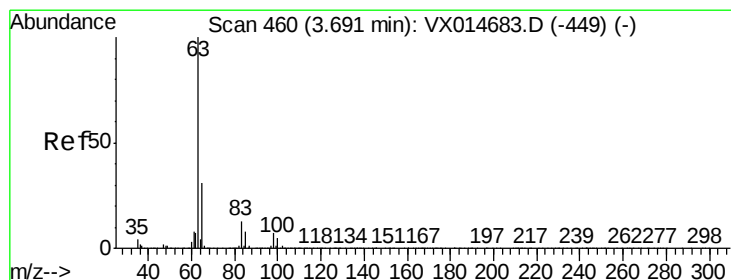
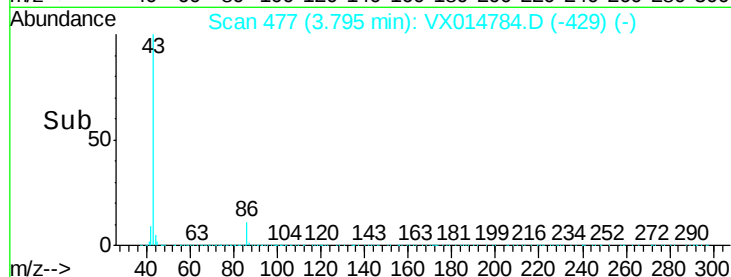
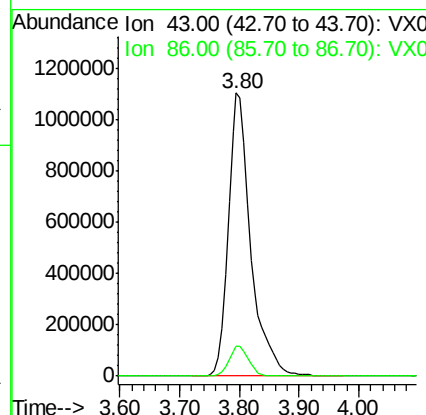
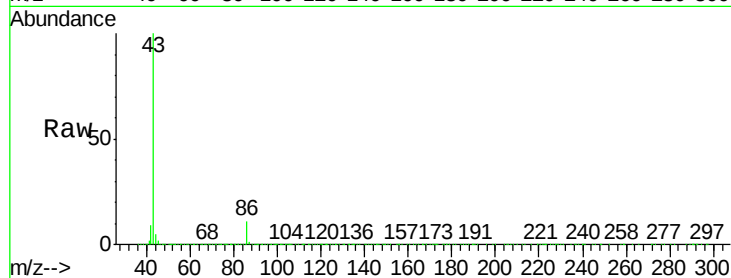
#23
 Vinyl Acetate
 Concen: 240.192 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2879638
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

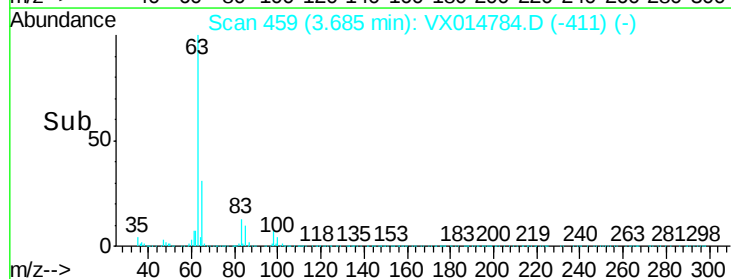
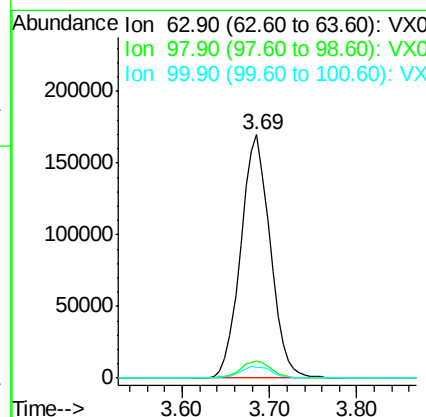
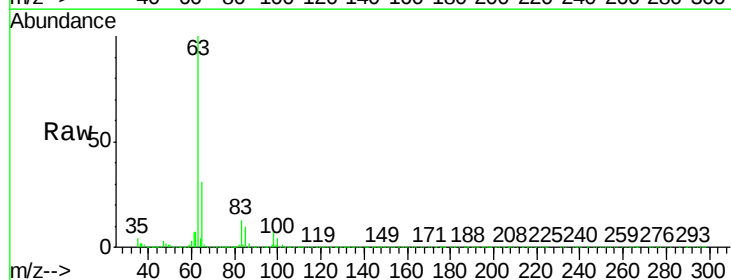
Manual Integrations
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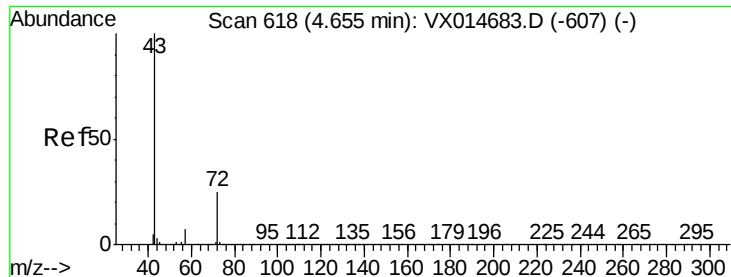
MMDadoda
 2/4/2020 3:36:00 PM



#24
 1,1-Dichloroethane
 Concen: 46.600 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion: 63 Resp: 398015
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 195.448 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 792893

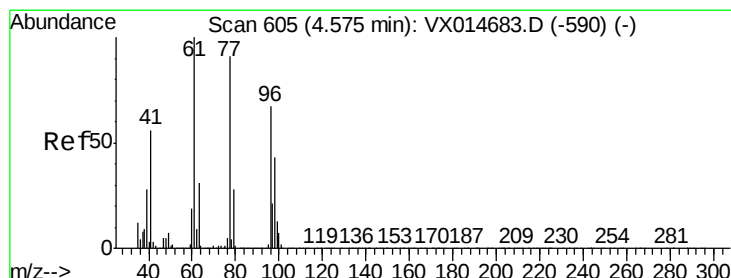
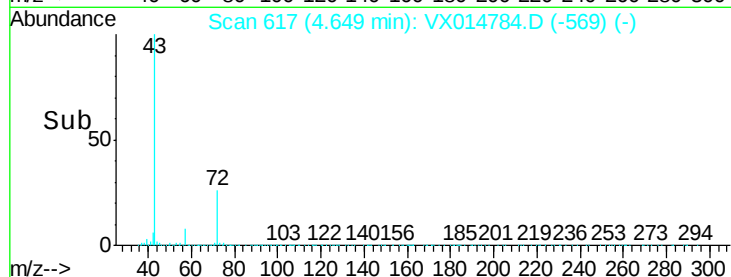
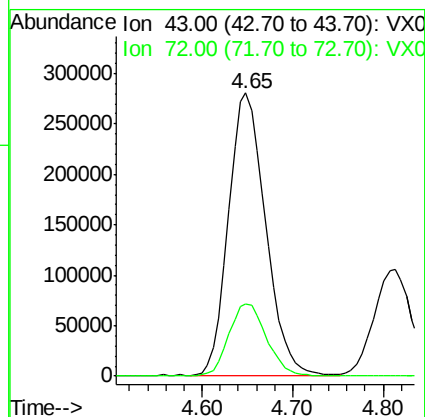
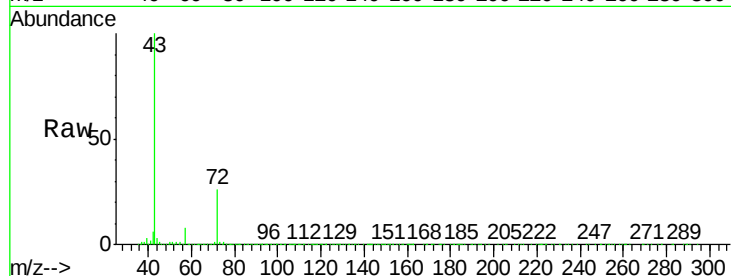
Ion Ratio Lower Upper

43 100

72 25.5 19.9 29.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 48.346 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014784.D

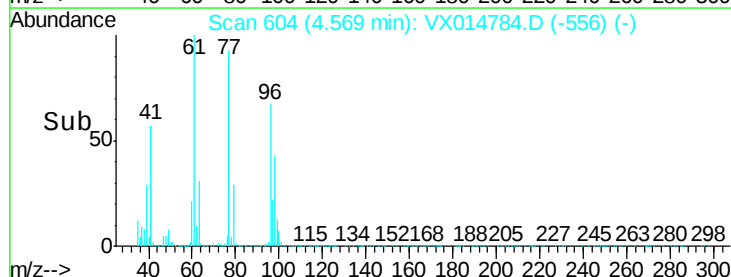
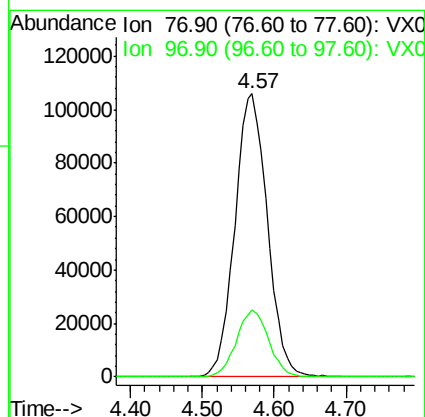
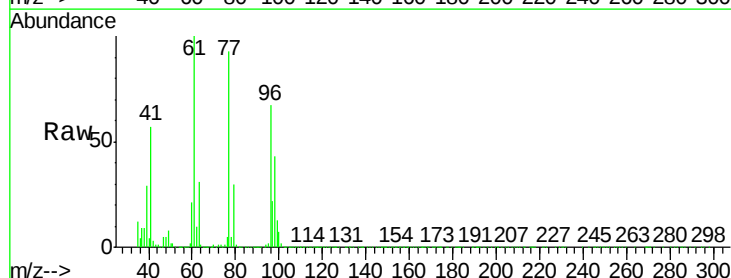
Acq: 31 Jan 2020 17:02

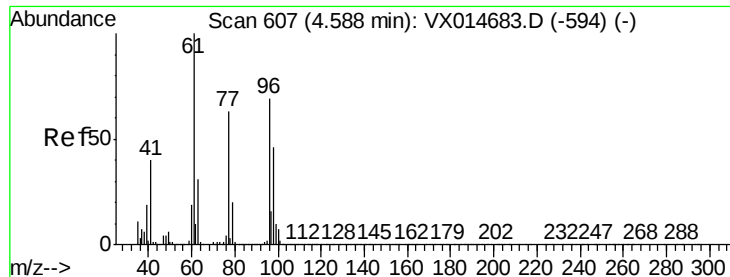
Tgt Ion: 77 Resp: 330519

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3





#27

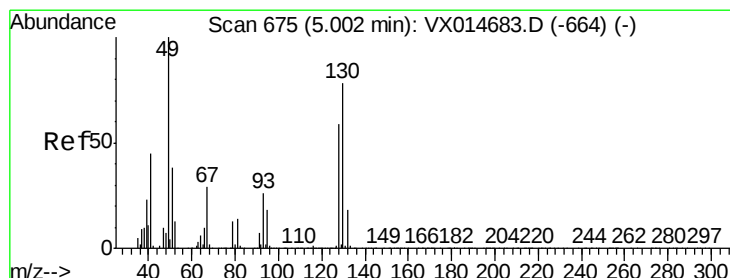
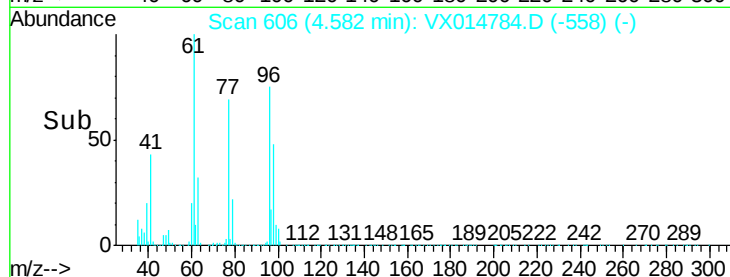
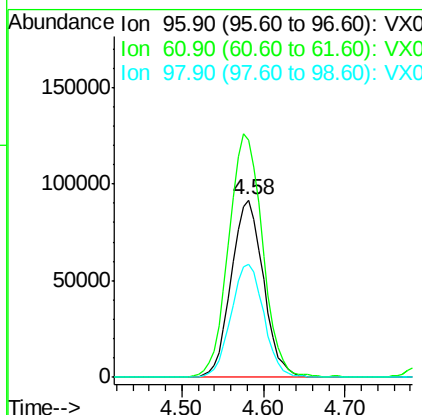
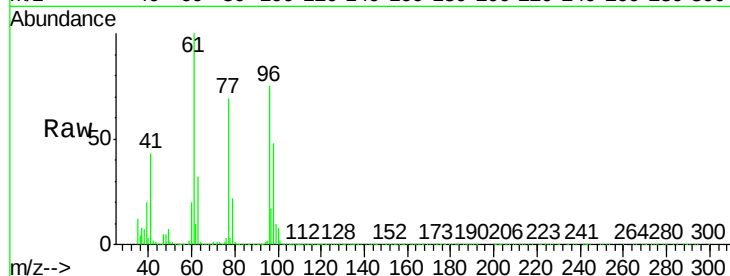
cis-1,2-Dichloroethene
Concen: 46.107 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249881		
61	143.9	0.0	291.0	
98	64.7	0.0	129.8	

Manual Integrations
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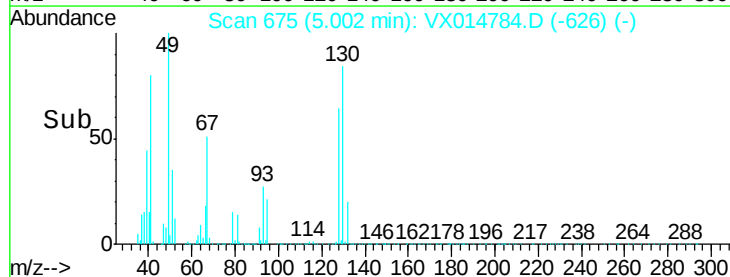
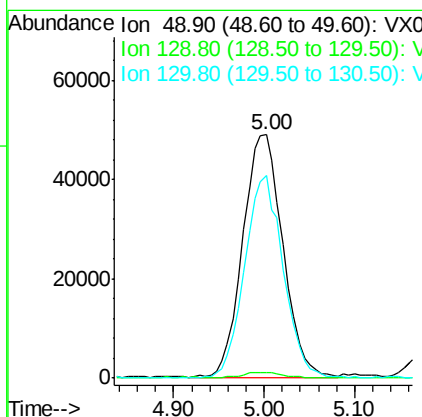
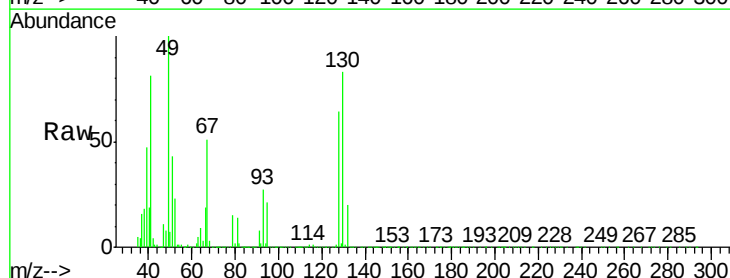
MMDadoda
2/4/2020 3:36:00 PM

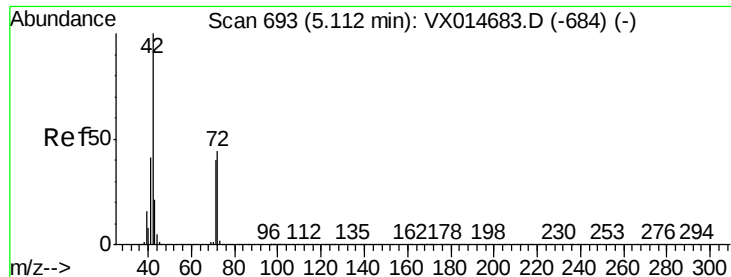


#28

Bromochloromethane
Concen: 39.985 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	150076		
129	2.4	0.0	4.8	
130	79.7	62.4	93.6	





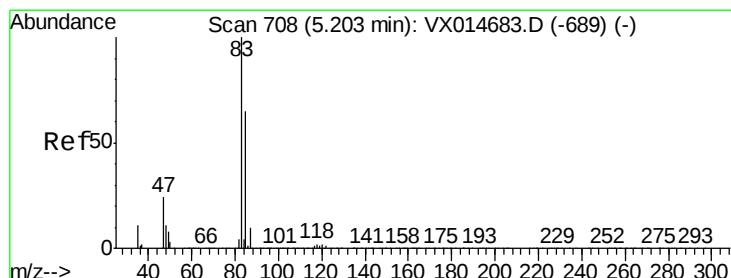
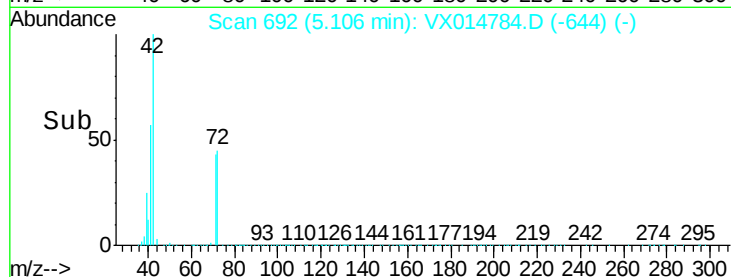
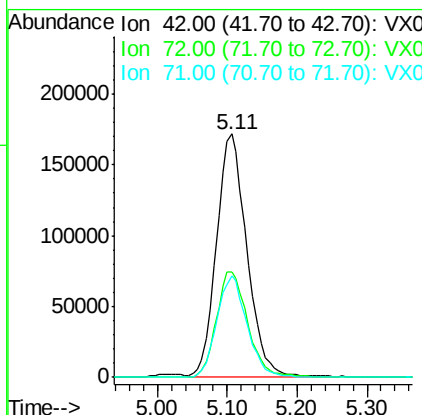
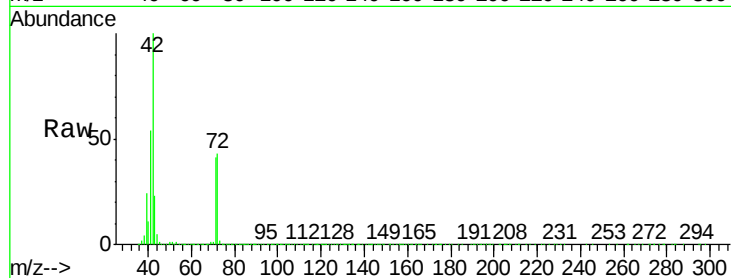
#29
Tetrahydrofuran
Concen: 213.748 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	514659
Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.3	52.9
71	41.5	33.1	49.7

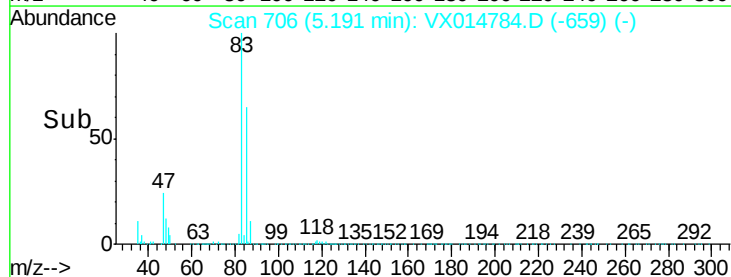
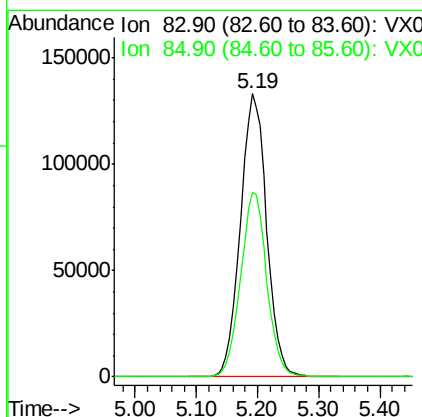
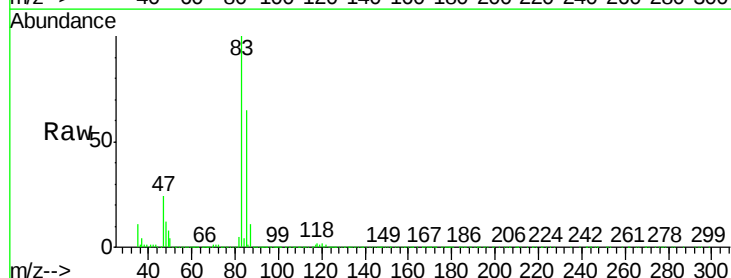
Manual Integrations
APPROVED

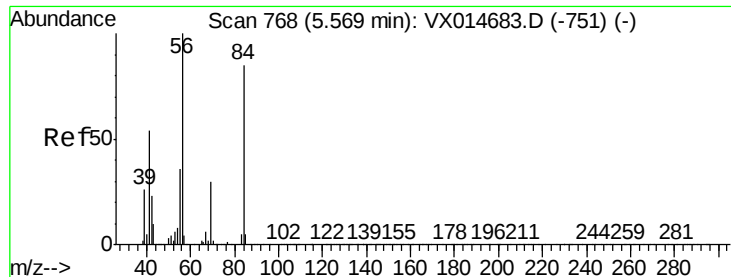
MMDadoda
2/4/2020 3:36:00 PM



#30
Chloroform
Concen: 46.841 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion:	83	Resp:	396321
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.7	77.5





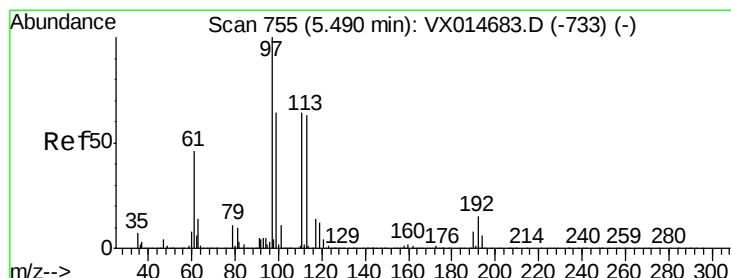
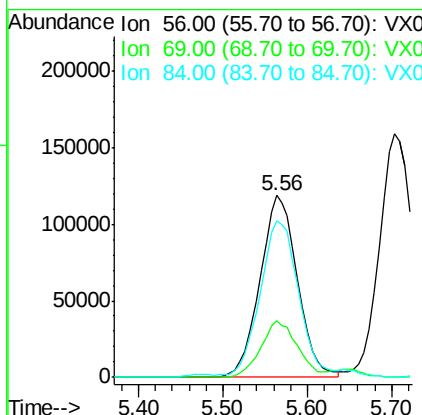
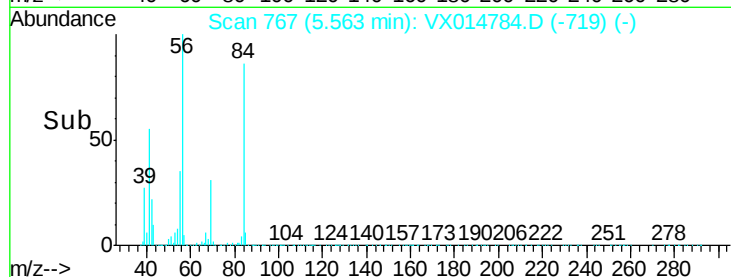
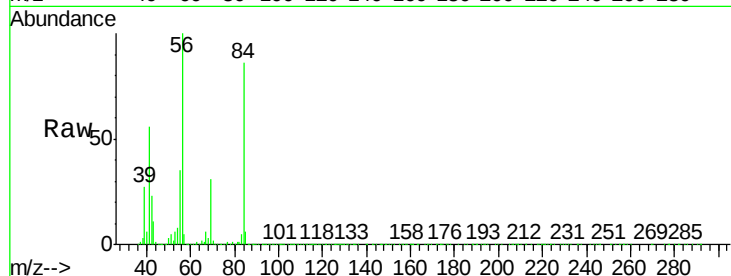
#31
Cyclohexane
Concen: 45.059 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.4	35.2
84	85.0	68.4	102.6

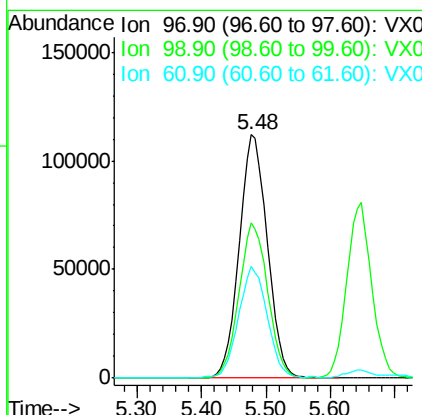
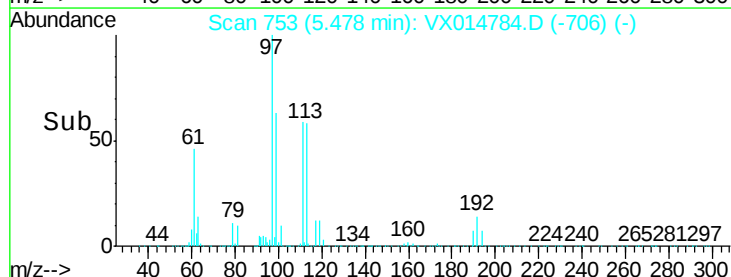
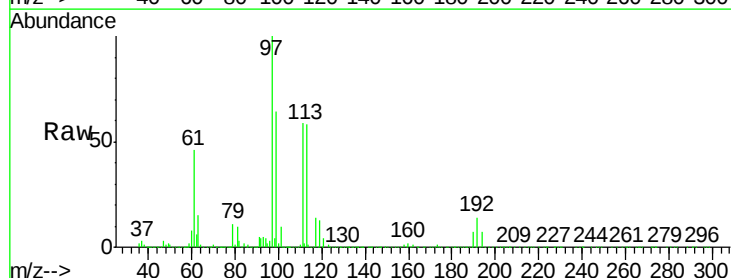
Manual Integrations
APPROVED

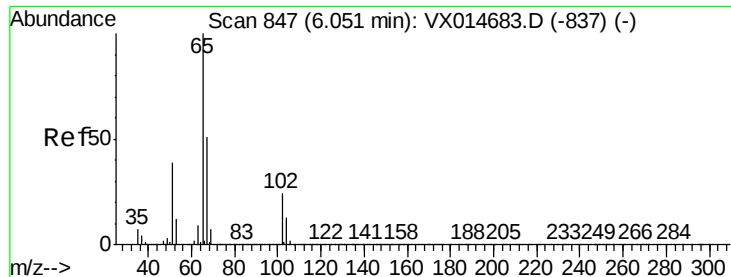
MMDadoda
2/4/2020 3:36:00 PM



#32
1,1,1-Trichloroethane
Concen: 47.063 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	46.0	37.2	55.8





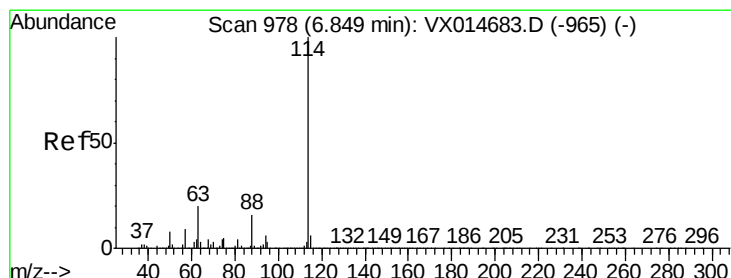
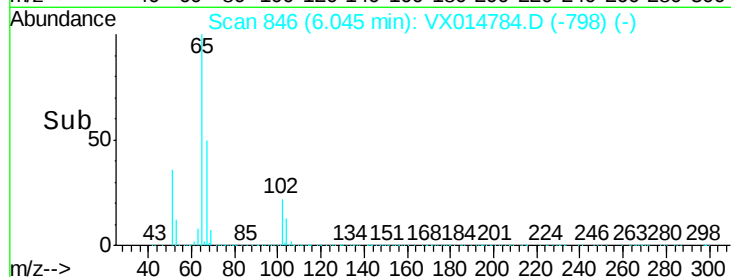
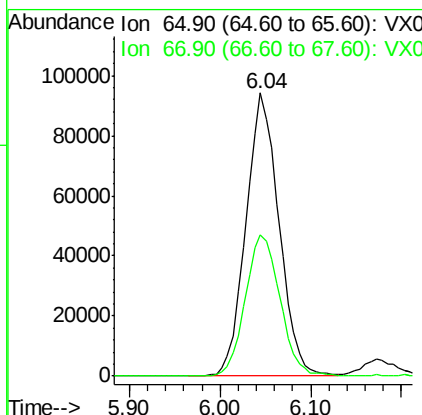
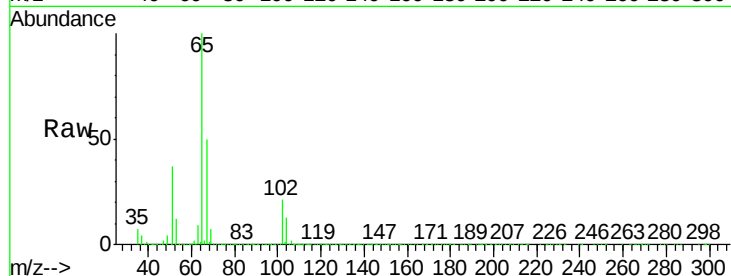
#33
 1,2-Dichloroethane-d4
 Concen: 46.112 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.4

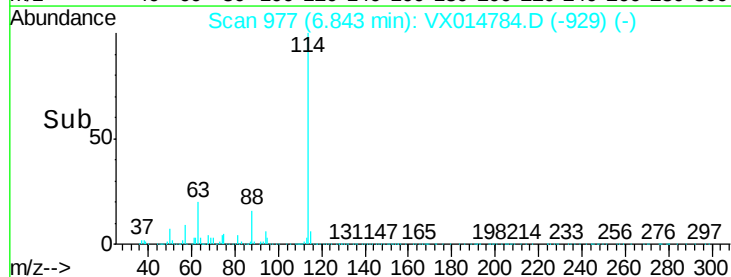
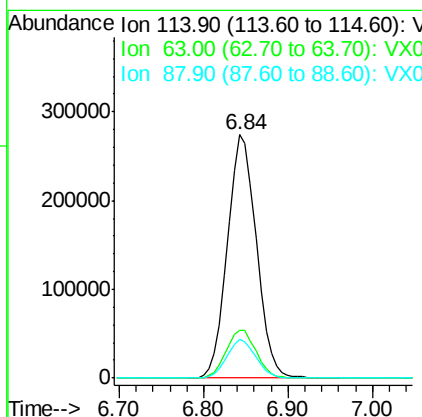
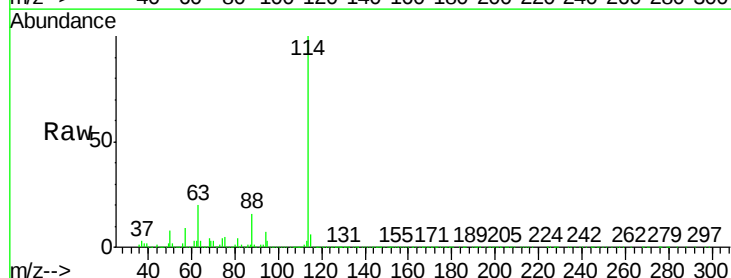
Manual Integrations
 APPROVED

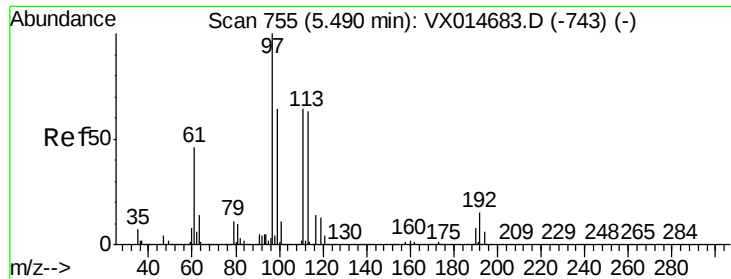
MMDadoda
 2/4/2020 3:36:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.6
88	15.7	0.0	31.2





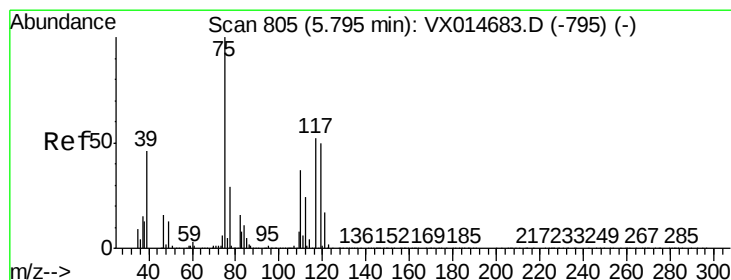
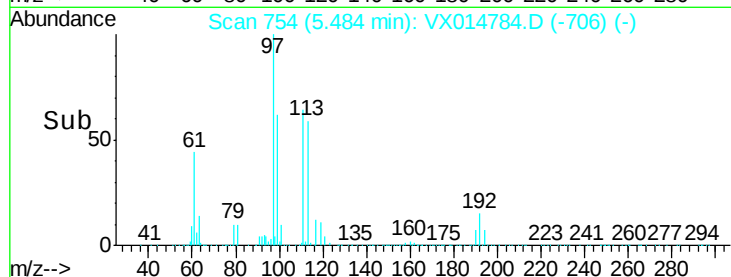
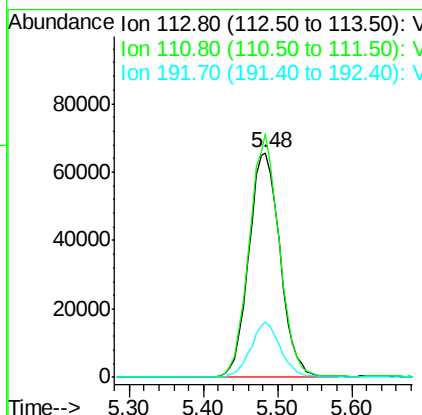
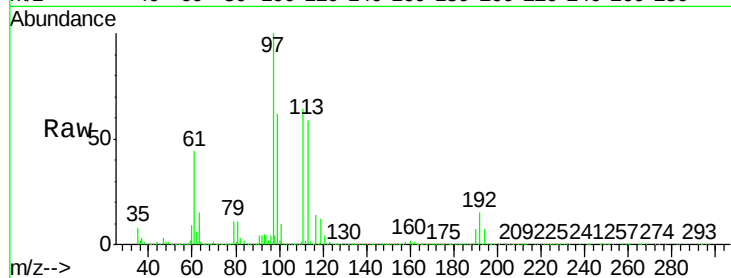
#35
 Dibromofluoromethane
 Concen: 48.003 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193876		
111	103.8	80.7	121.1	
192	23.5	18.5	27.7	

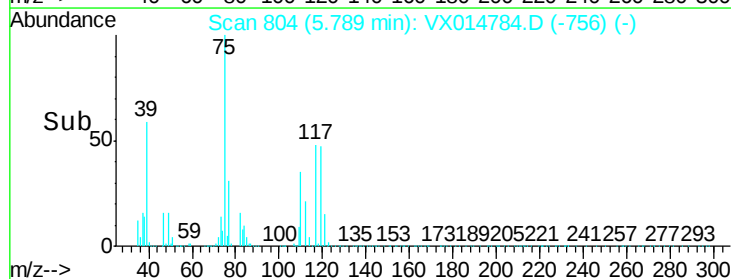
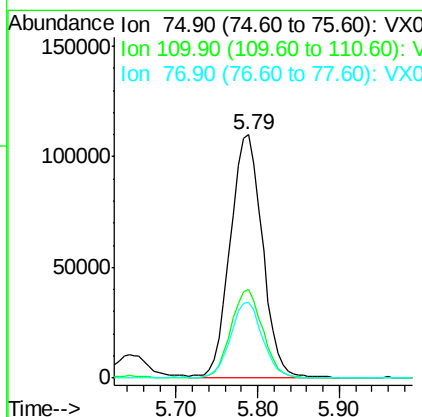
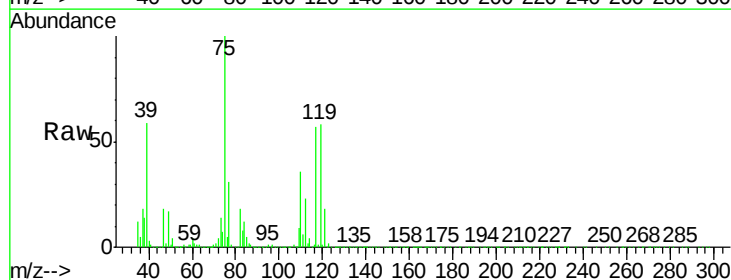
Manual Integrations
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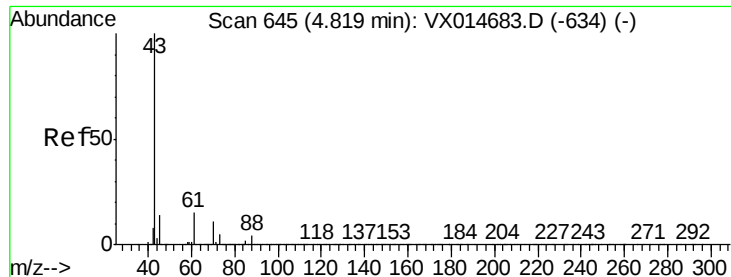
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#36
 1,1-Dichloropropene
 Concen: 50.113 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	298053		
110	36.1	17.9	53.7	
77	30.8	24.1	36.1	





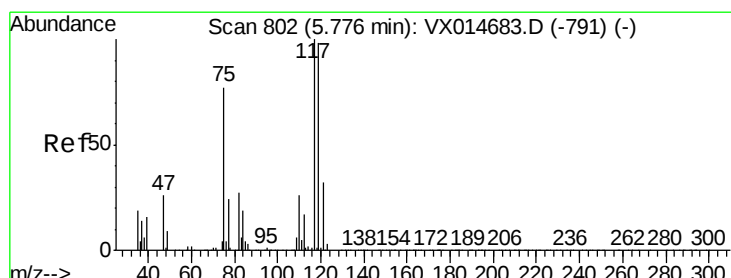
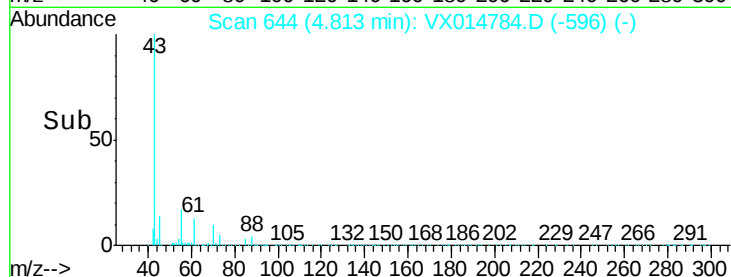
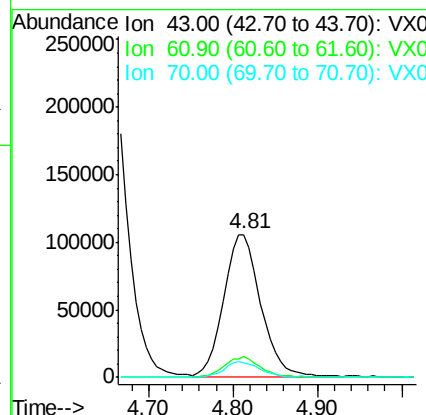
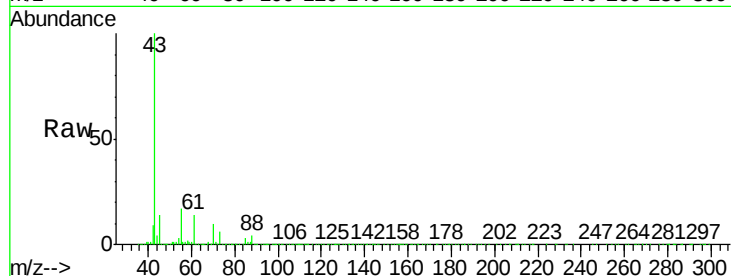
#37
Ethyl Acetate
Concen: 45.927 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.4	8.5	12.7

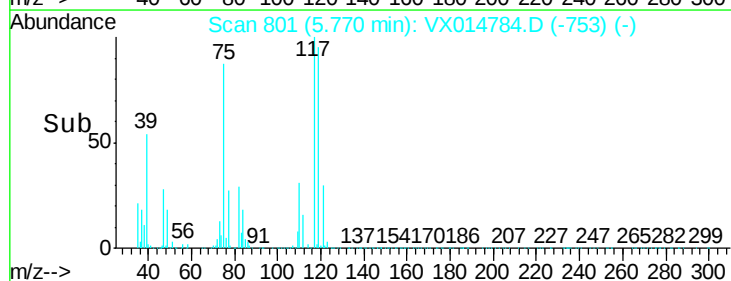
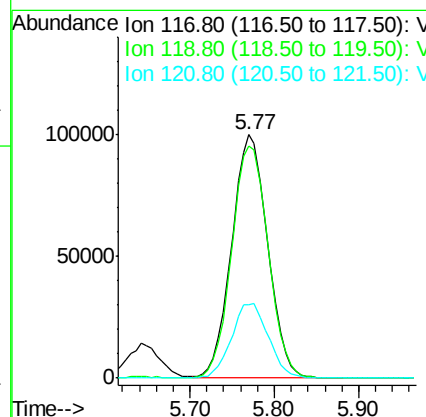
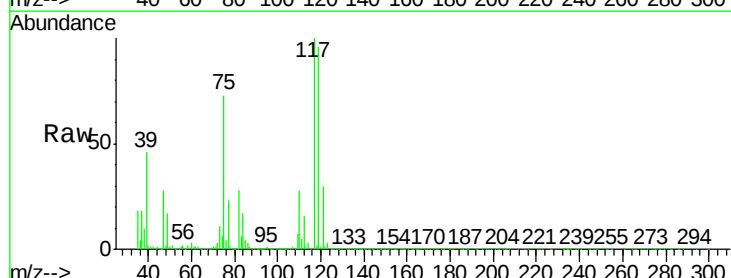
Manual Integrations
APPROVED

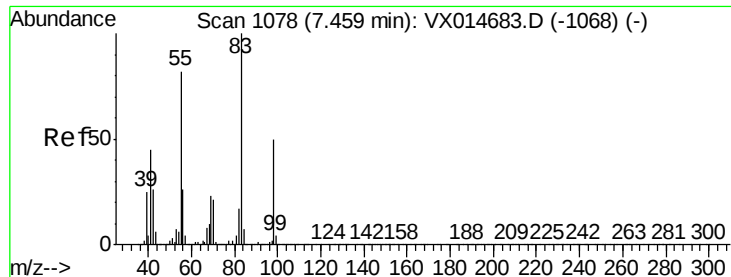
MMDadoda
2/4/2020 3:36:00 PM



#38
Carbon Tetrachloride
Concen: 50.756 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.9	116.9
121	30.0	25.4	38.2





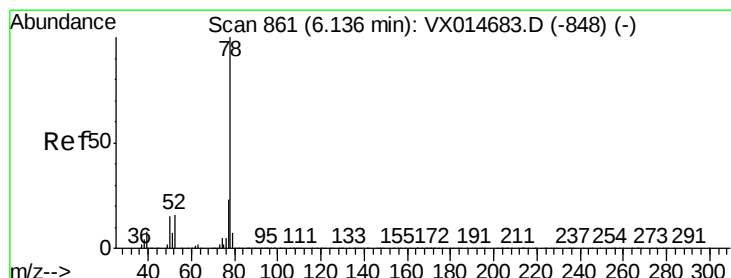
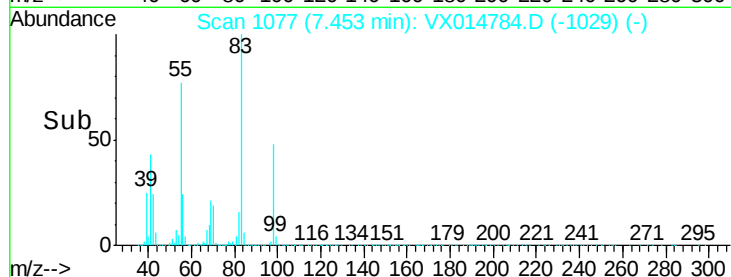
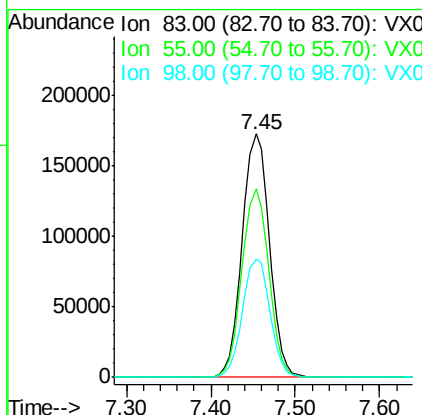
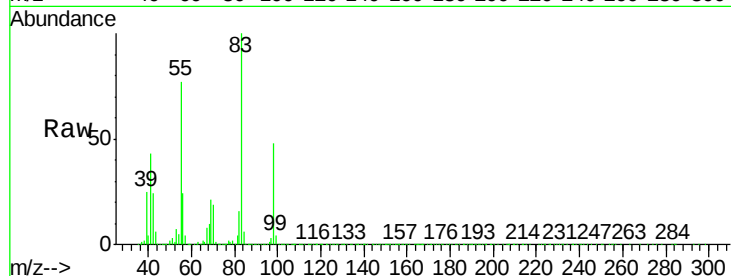
#39
Methvlcvclohexane
Concen: 50.312 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.2	65.6	98.4	
98	48.2	40.2	60.4	

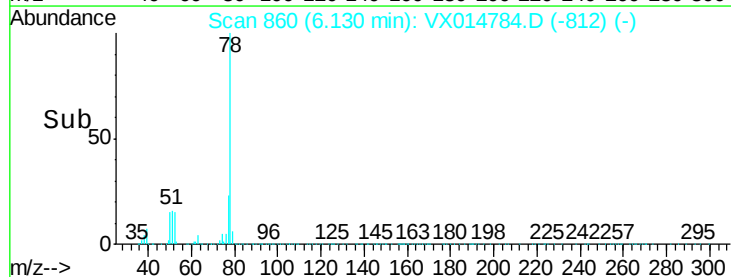
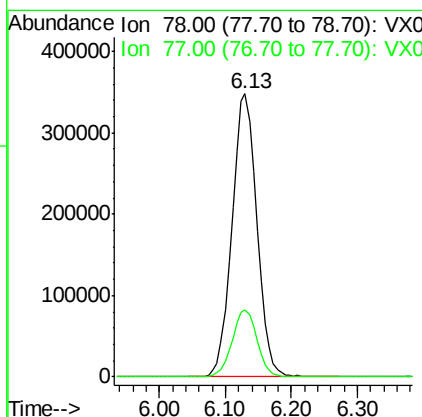
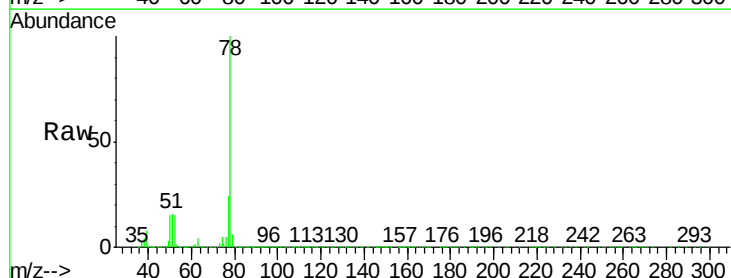
Manual Integrations
APPROVED

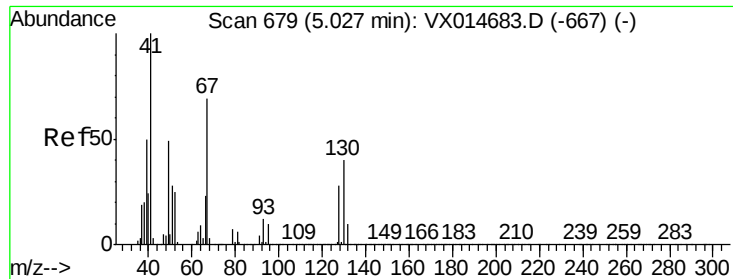
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2/4/2020 3:36:00 PM



#40
Benzene
Concen: 49.168 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	18.7	28.1	





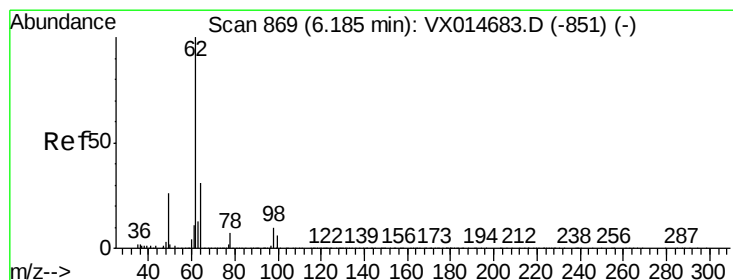
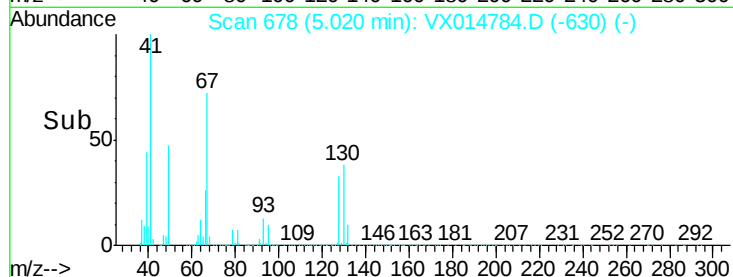
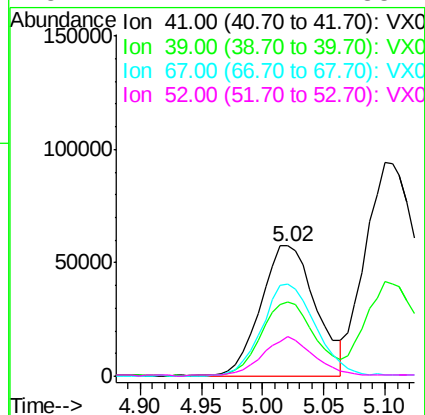
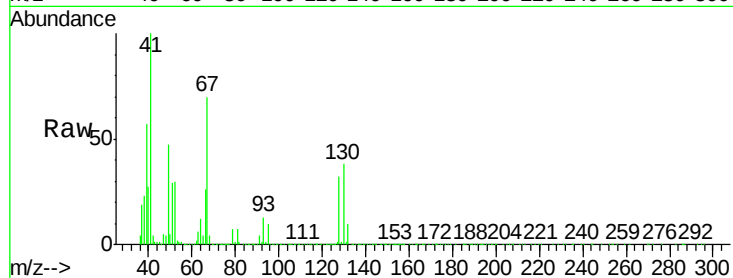
#41
Methacrylonitrile
Concen: 46.173 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.2	63.2
67	69.2	55.4	83.0
52	27.4	22.1	33.1

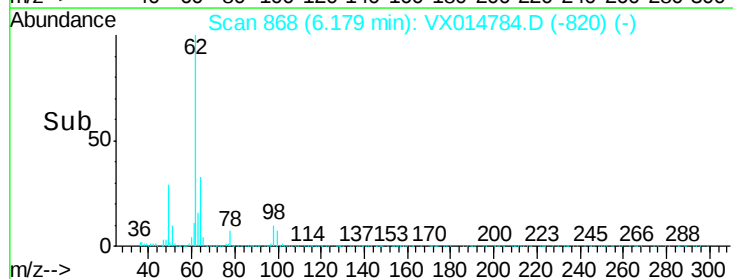
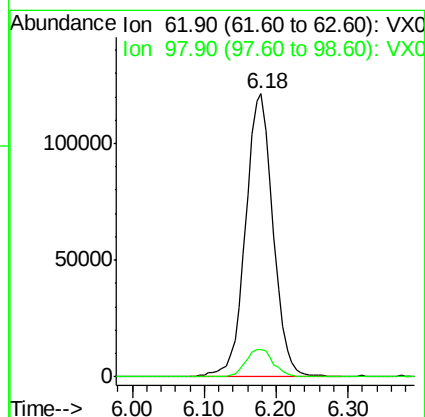
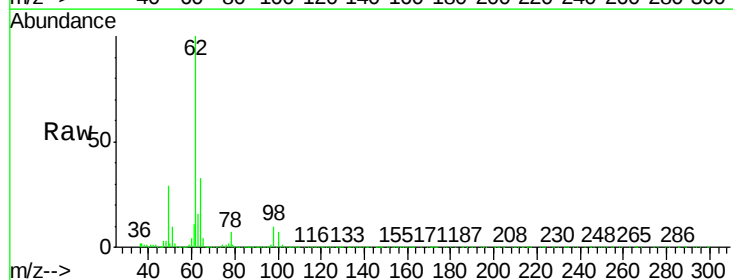
Manual Integrations
APPROVED

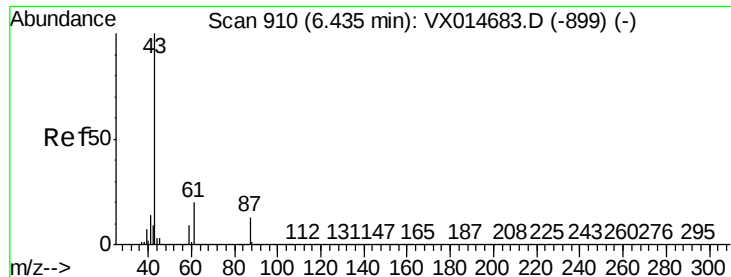
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2/4/2020 3:36:00 PM



#42
1,2-Dichloroethane
Concen: 50.292 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

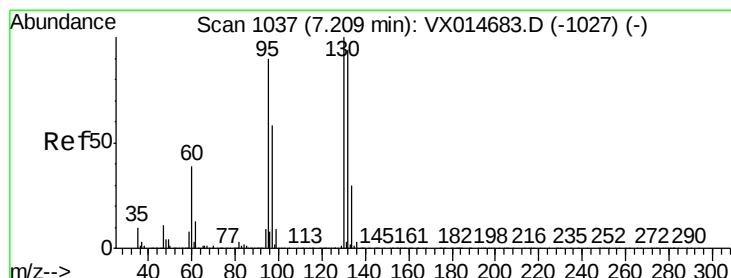
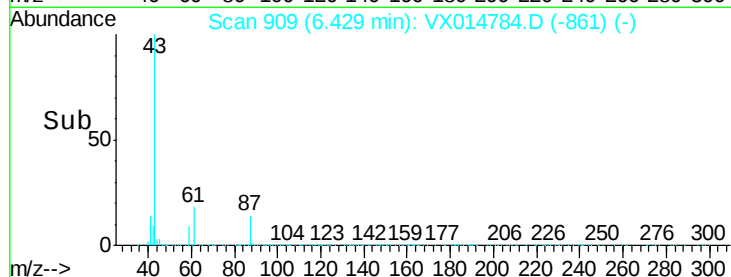
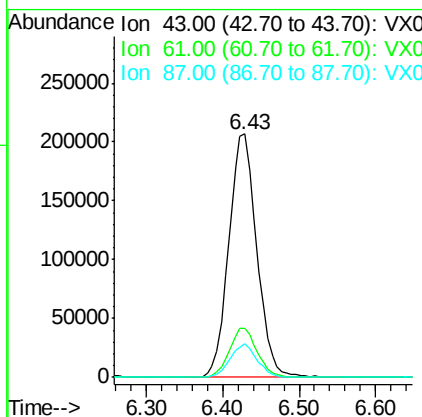
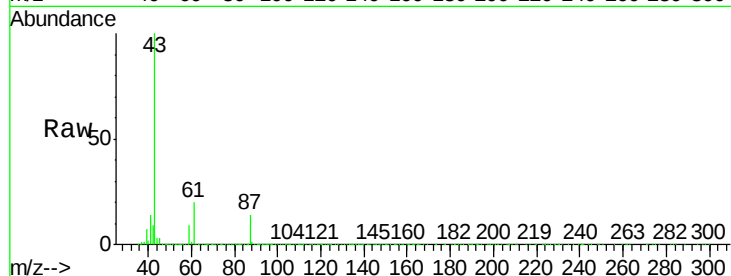
Isopropyl Acetate
 Concen: 46.738 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	521359
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.2	24.4
87	13.6	10.5	15.7

Manual Integrations
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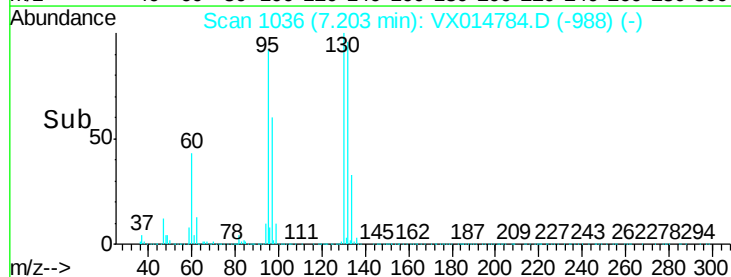
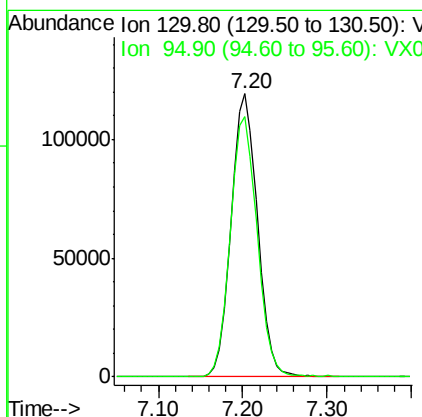
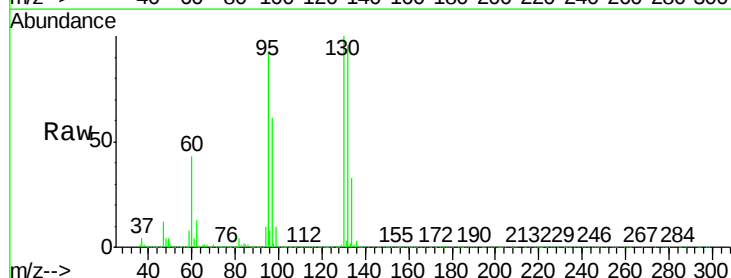
MMDadoda
 2/4/2020 3:36:00 PM

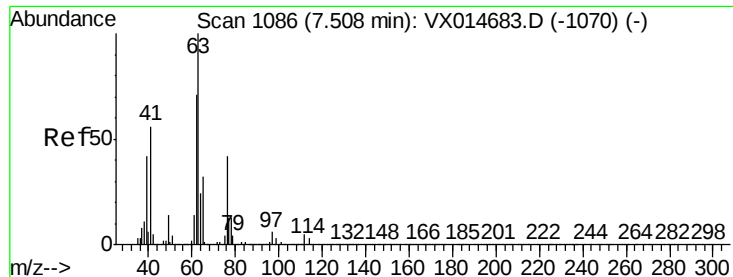


#44

Trichloroethene
 Concen: 48.462 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion	130	Resp	251557
Ion Ratio	Lower	Upper	
130	100		
95	91.6	0.0	179.8





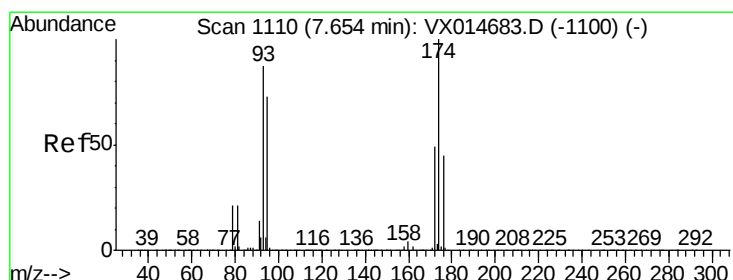
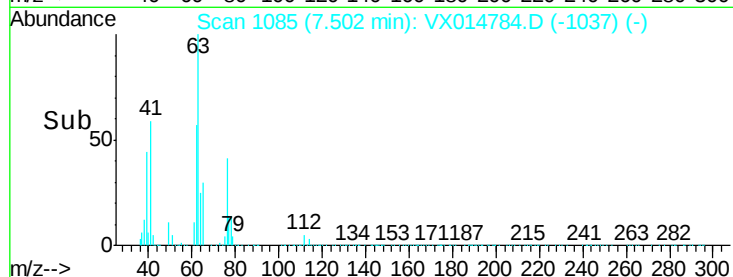
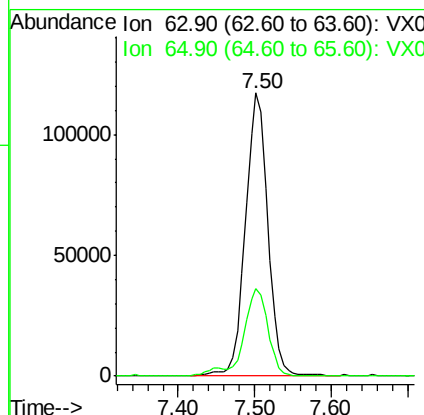
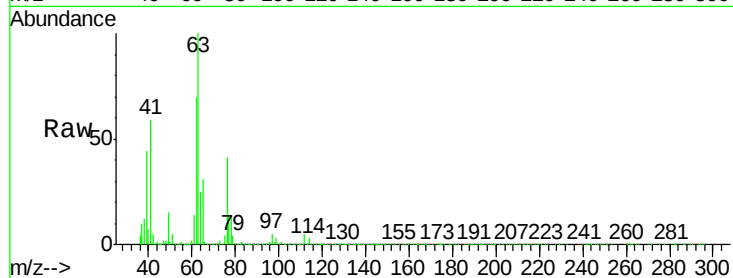
#45
 1,2-Dichloropropane
 Concen: 49.980 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 236620
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.2 37.8

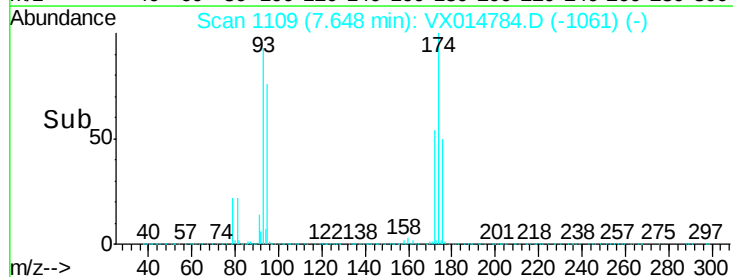
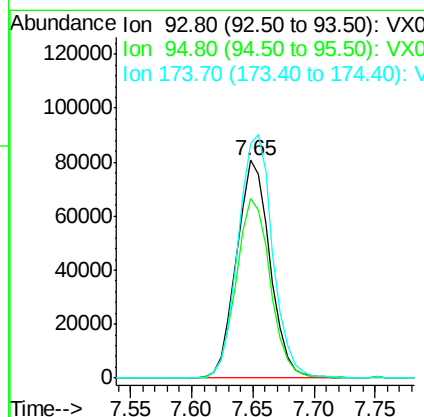
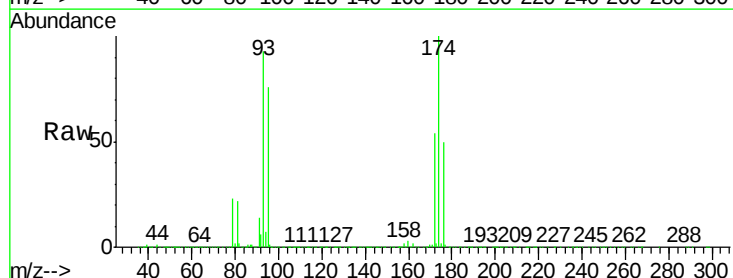
Manual Integrations
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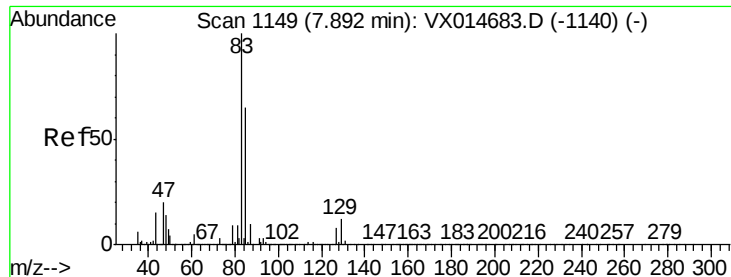
MMDadoda
 2/4/2020 3:36:00 PM



#46
 Dibromomethane
 Concen: 49.790 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion: 93 Resp: 152665
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.0 100.4
 174 115.3 90.2 135.2





#47

Bromodichloromethane

Concen: 51.287 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

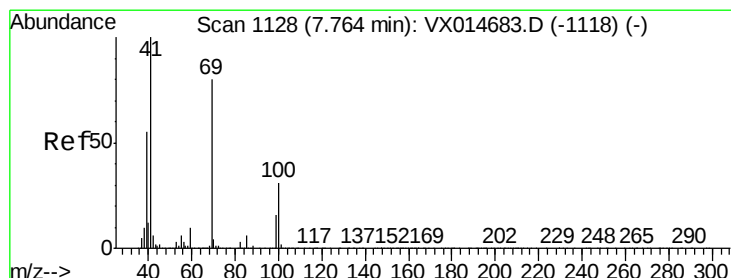
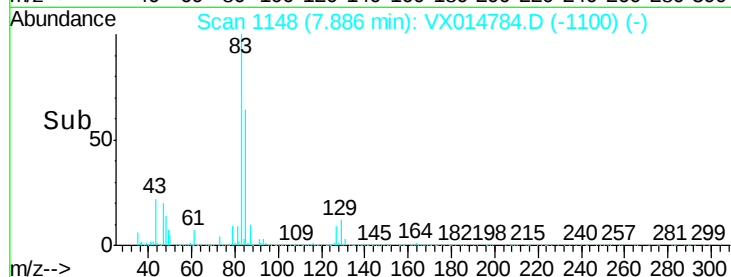
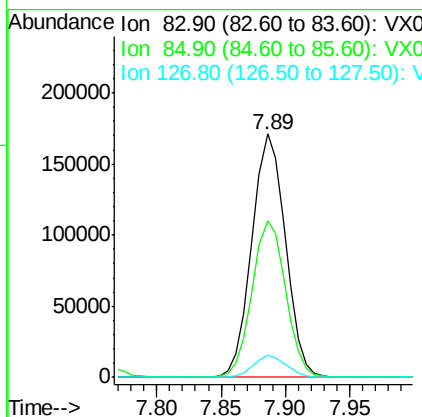
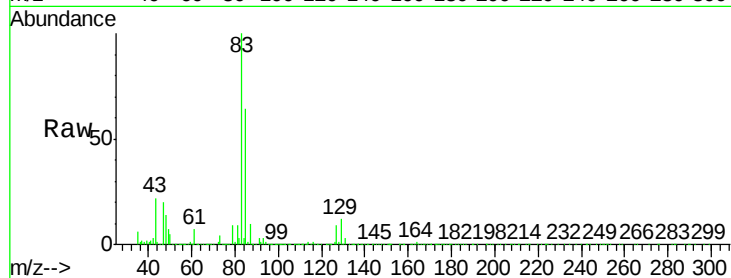
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	308431
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.2	78.2
127	8.9	6.4	9.6

Manual Integrations
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MMDadoda
2/4/2020 3:36:00 PM



#48

Methyl methacrylate

Concen: 49.457 ug/l

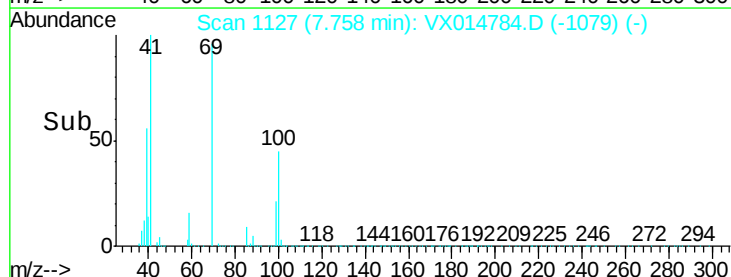
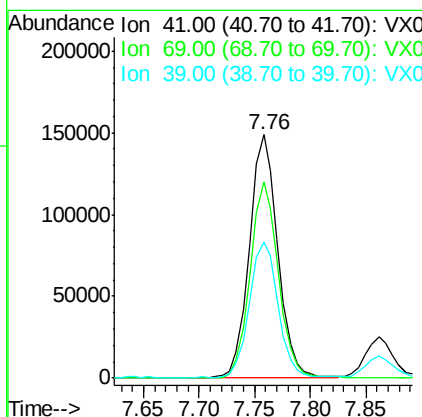
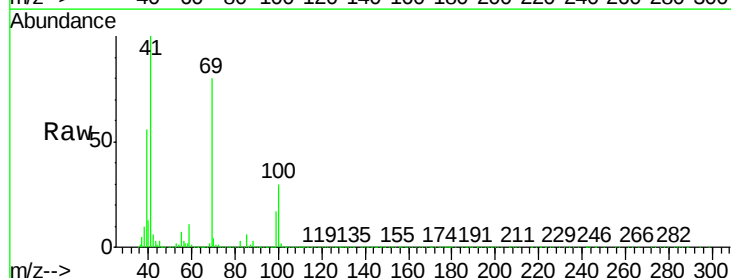
RT: 7.76 min Scan# 1127

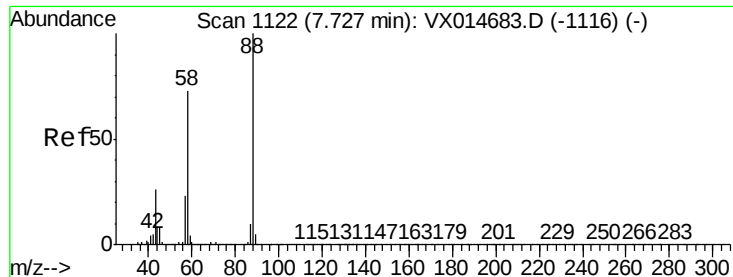
Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion:	41	Resp:	263595
Ion Ratio	Lower	Upper	
41	100		
69	80.9	63.5	95.3
39	57.0	43.7	65.5





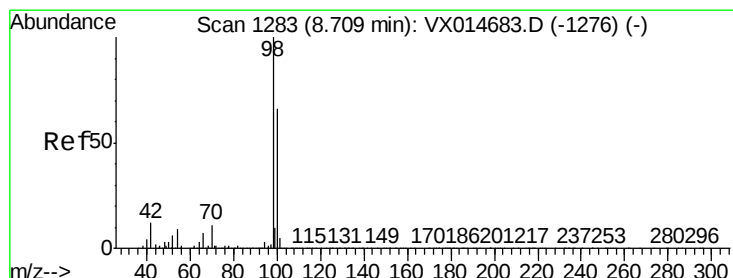
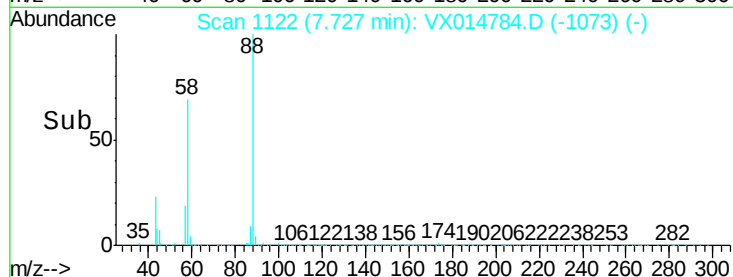
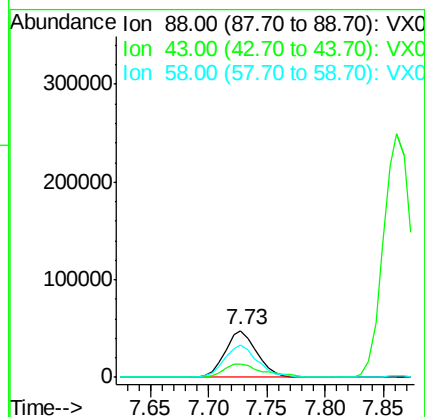
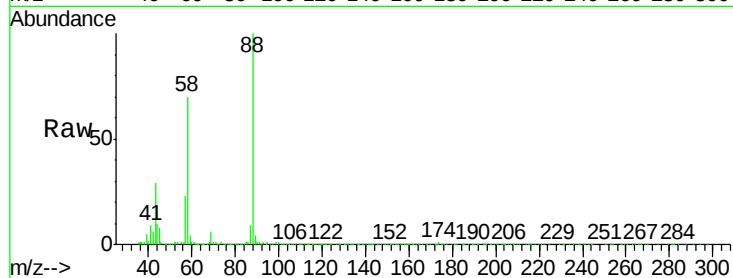
#49
1,4-Dioxane
Concen: 799.142 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	26.2	39.2
58	72.5	56.6	85.0

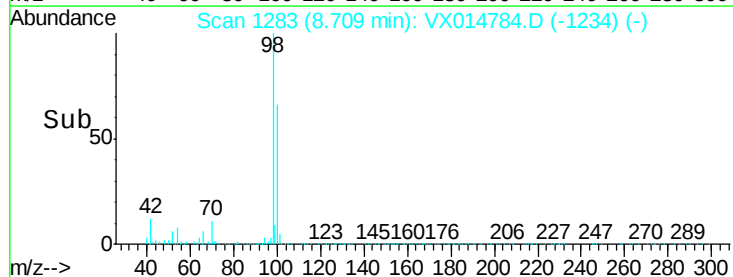
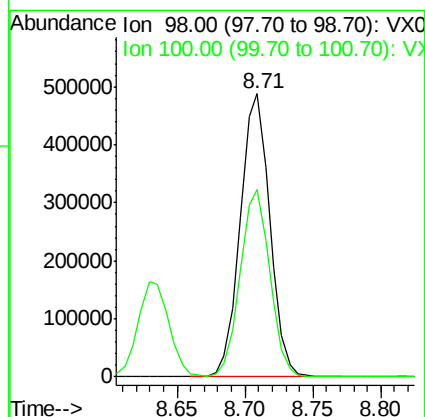
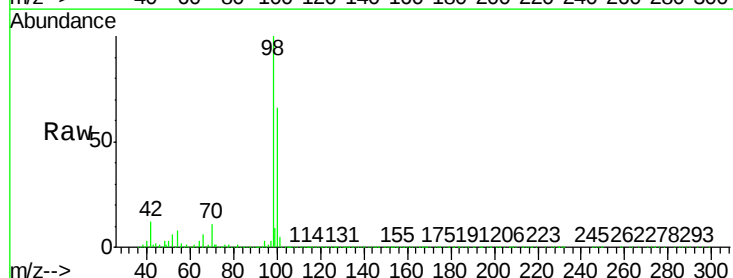
Manual Integrations
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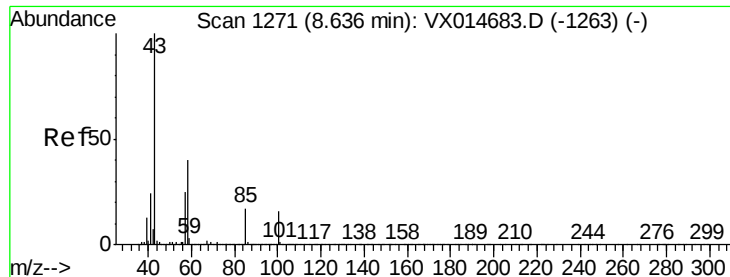
MMDadoda
2/4/2020 3:36:00 PM



#50
Toluene-d8
Concen: 47.649 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 232.406 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1636242

Ion Ratio Lower Upper

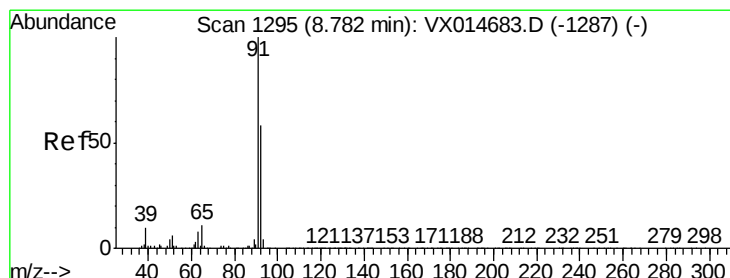
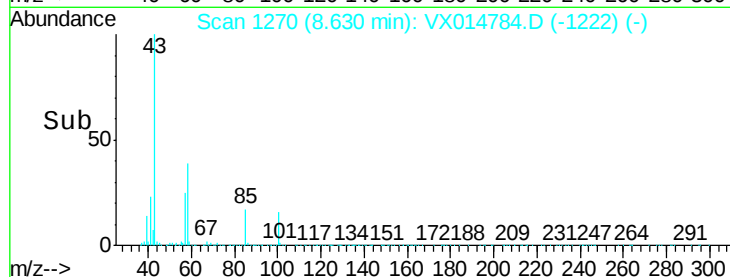
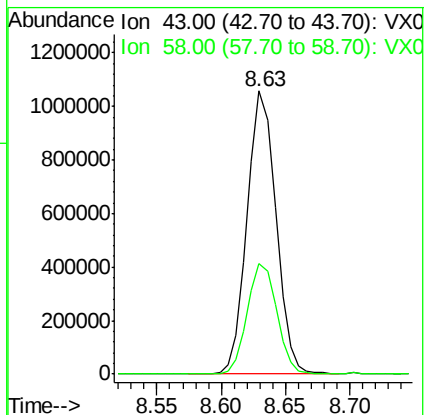
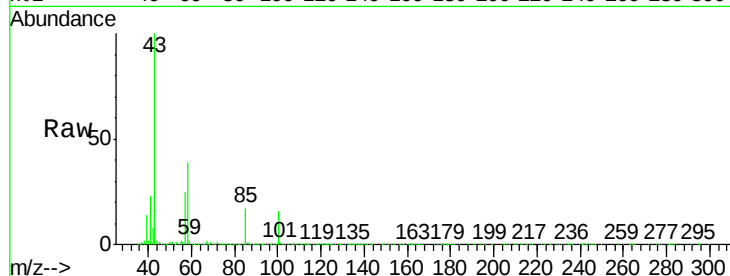
43 100

58 39.8 31.6 47.4

Manual Integrations
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2/4/2020 3:36:00 PM



#52

Toluene

Concen: 50.383 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014784.D

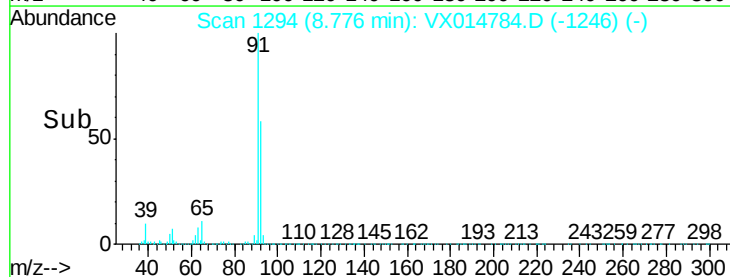
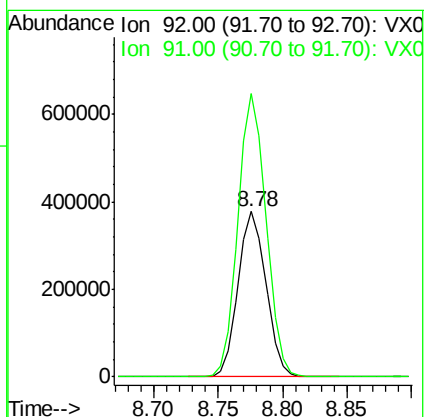
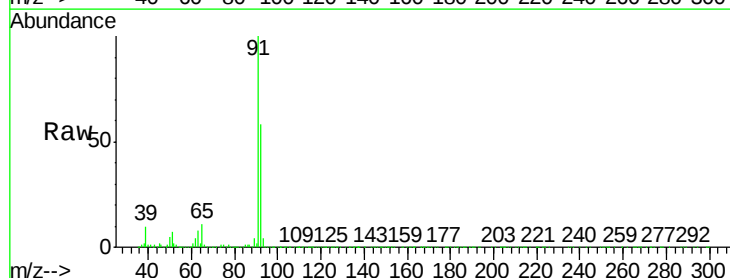
Acq: 31 Jan 2020 17:02

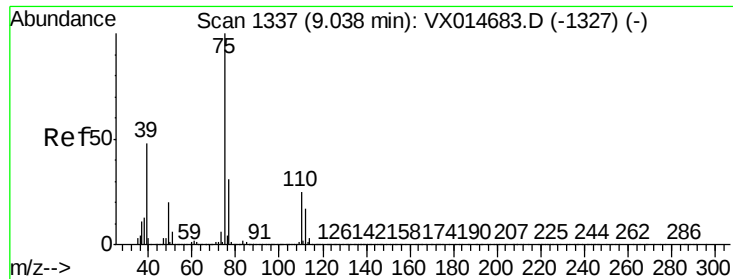
Tgt Ion: 92 Resp: 569142

Ion Ratio Lower Upper

92 100

91 172.2 135.9 203.9





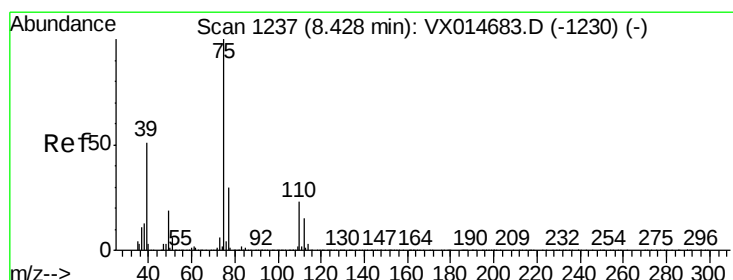
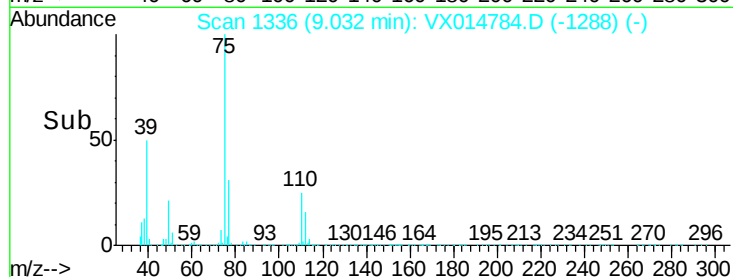
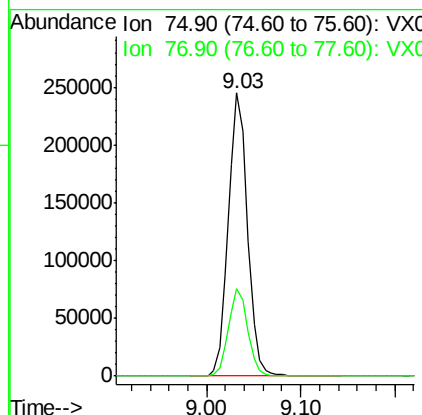
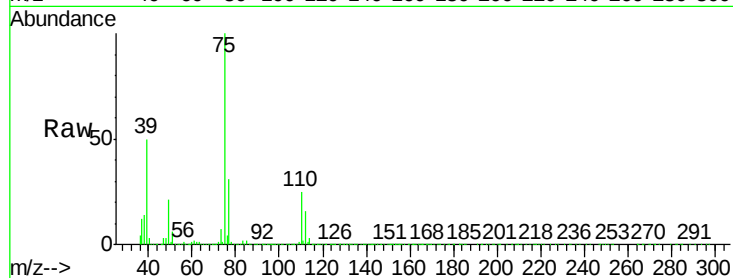
#53
t-1,3-Dichloropropene
Concen: 53.185 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.9	37.3

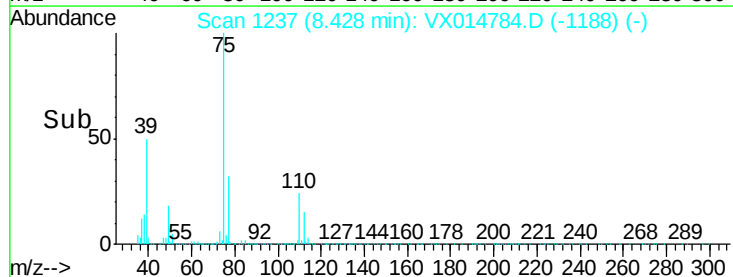
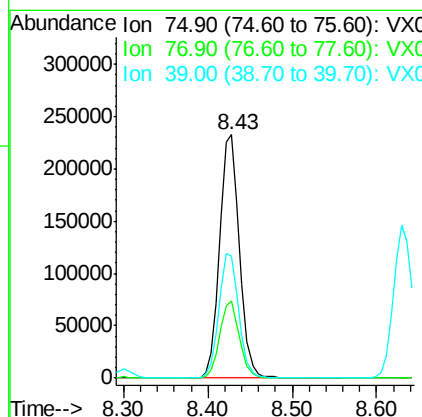
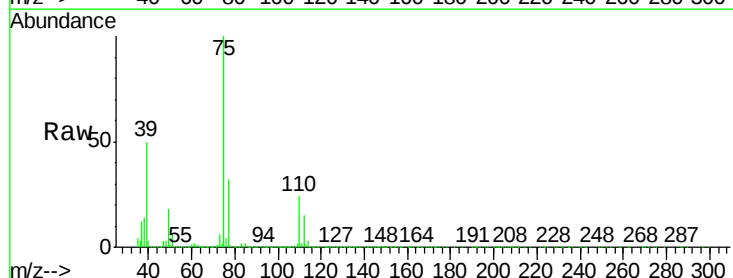
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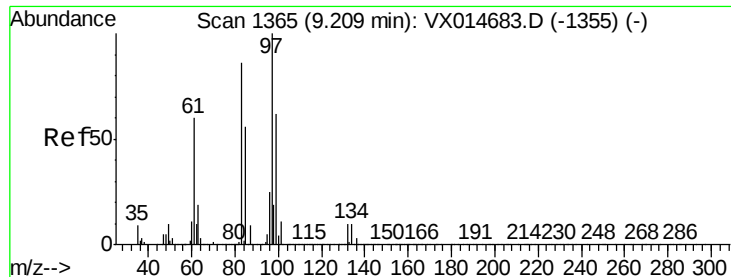
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.936 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	23.9	35.9
39	50.0	40.9	61.3





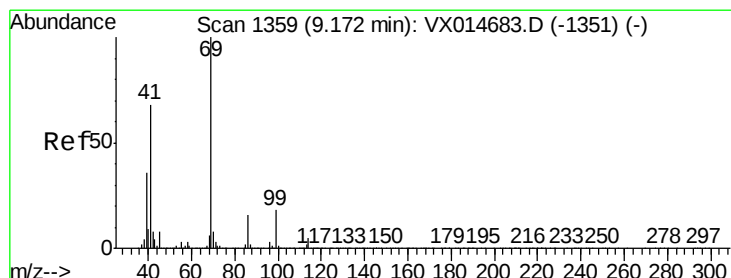
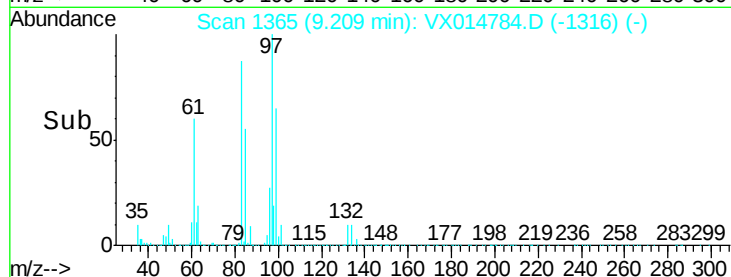
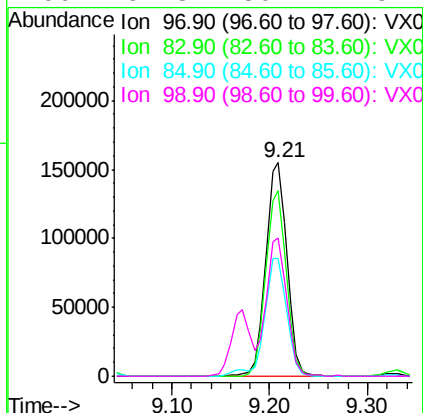
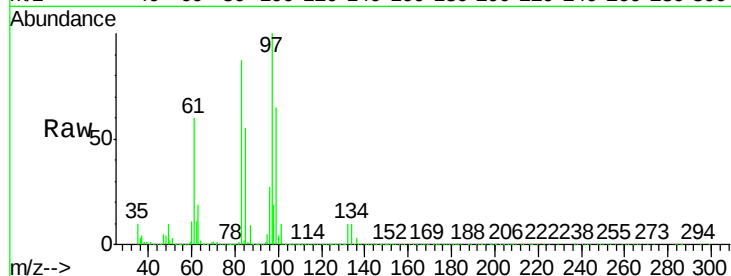
#55
 1,1,2-Trichloroethane
 Concen: 50.306 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		232663		
83	86.6	69.2	103.8		
85	55.0	44.6	67.0		
99	64.8	50.1	75.1		

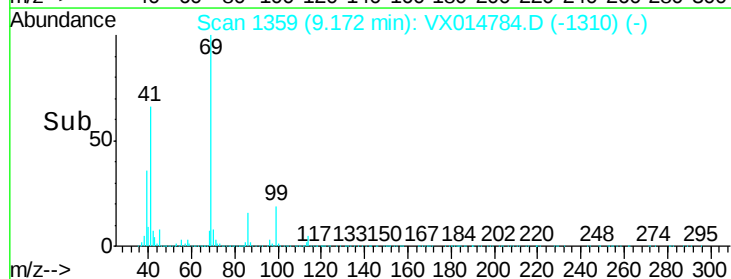
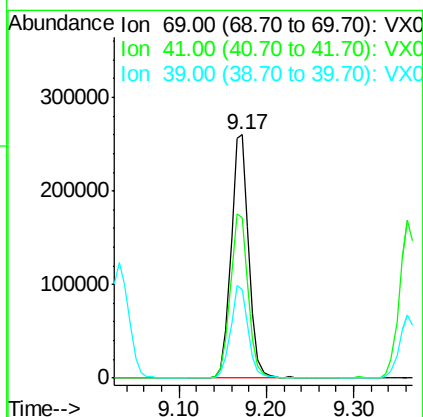
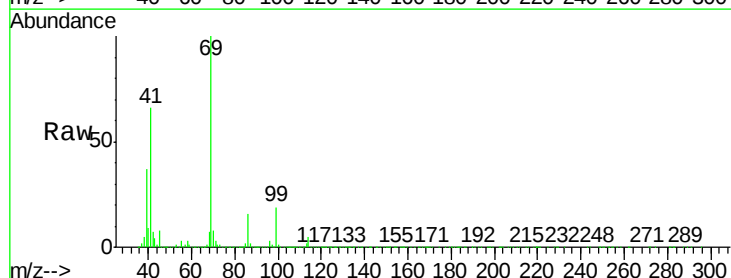
Manual Integrations
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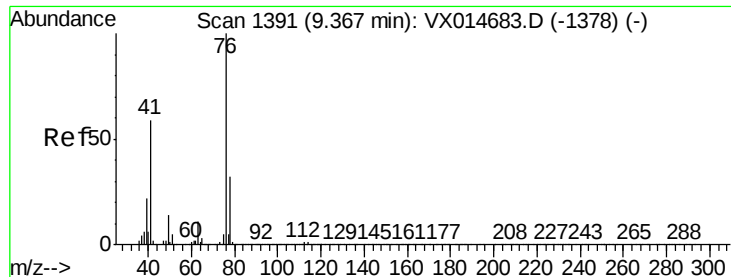
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 2/4/2020 3:36:00 PM



#56
 Ethyl methacrylate
 Concen: 46.566 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		364122		
41	68.2	54.9	82.3		
39	37.4	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 49.866 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 394249

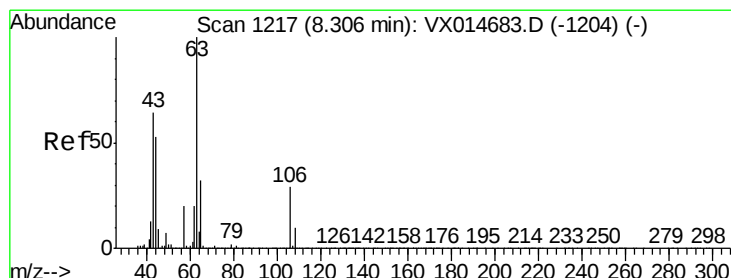
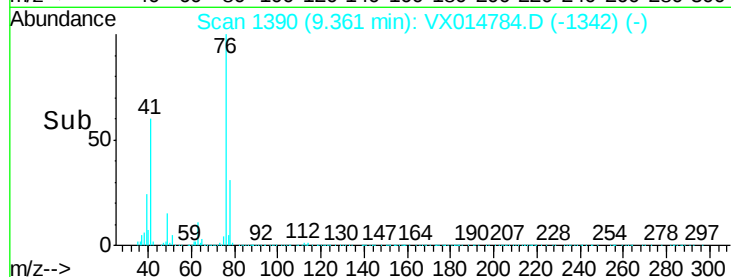
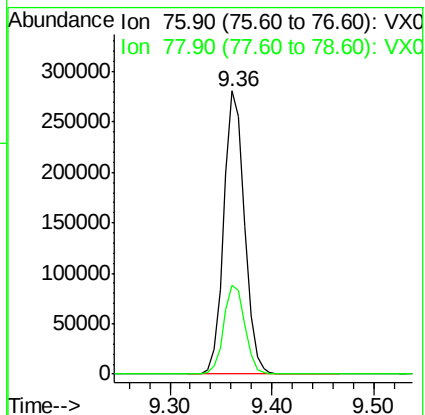
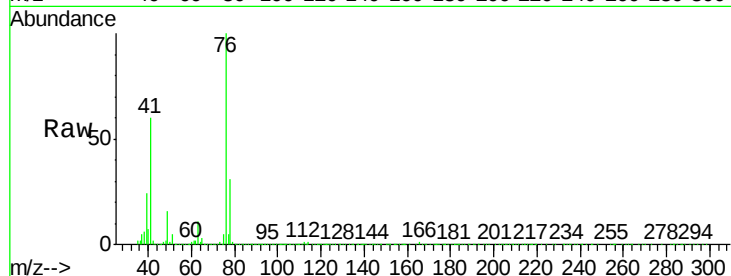
Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:36:00 PM



#58

2-Chloroethyl Vinyl ether

Concen: 256.620 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014784.D

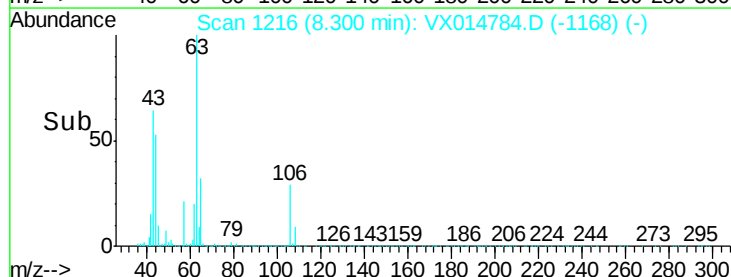
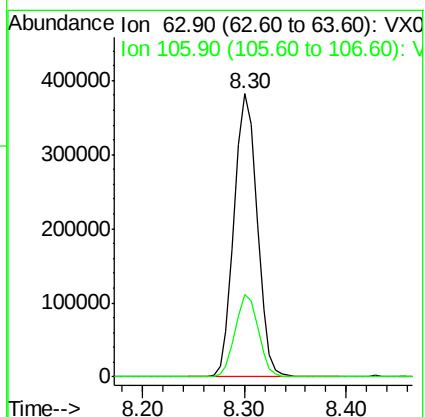
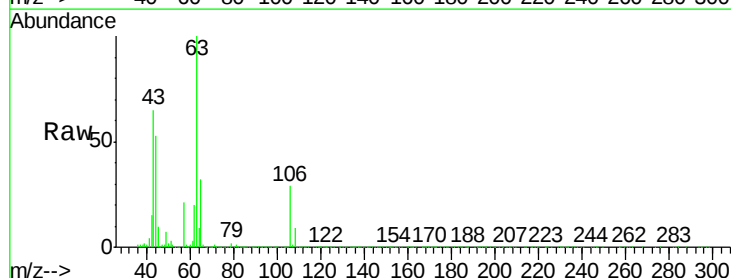
Acq: 31 Jan 2020 17:02

Tgt Ion: 63 Resp: 596882

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1





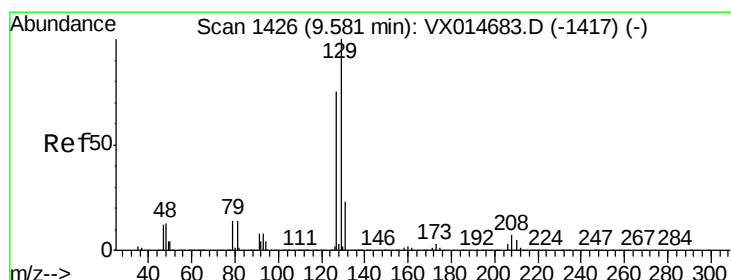
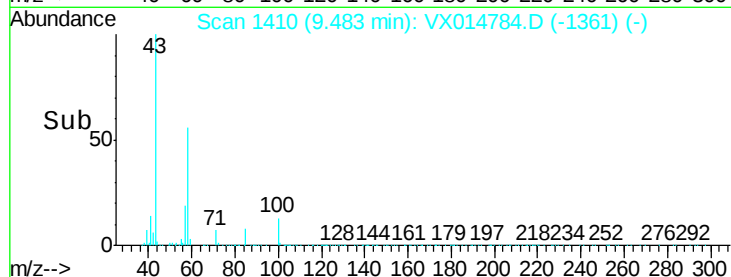
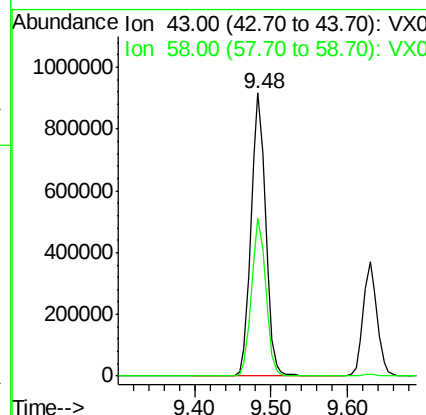
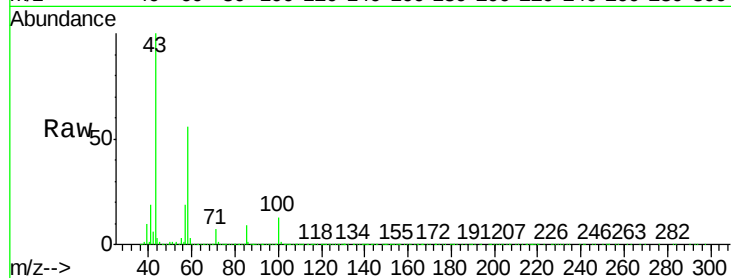
#59
2-Hexanone
Concen: 222.270 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1214322
Ion Ratio Lower Upper
43 100
58 54.8 27.2 81.5

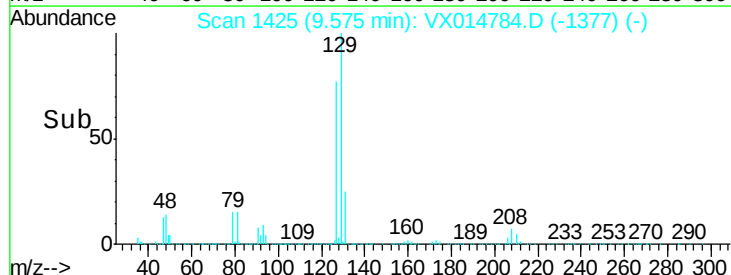
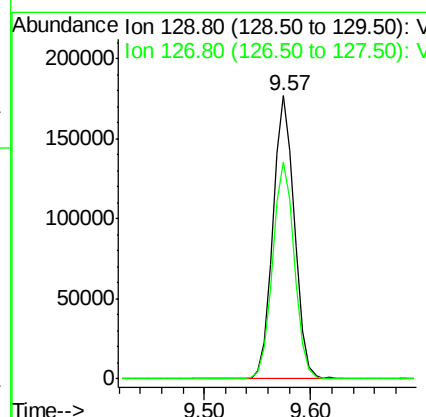
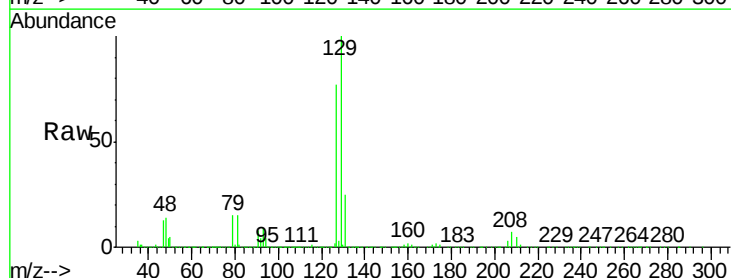
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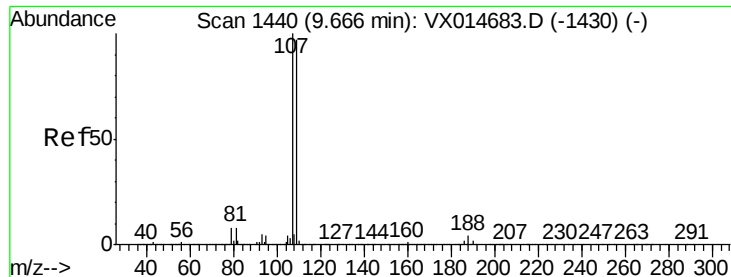
MMDadoda
2/4/2020 3:36:00 PM



#60
Dibromochloromethane
Concen: 51.981 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 129 Resp: 250937
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





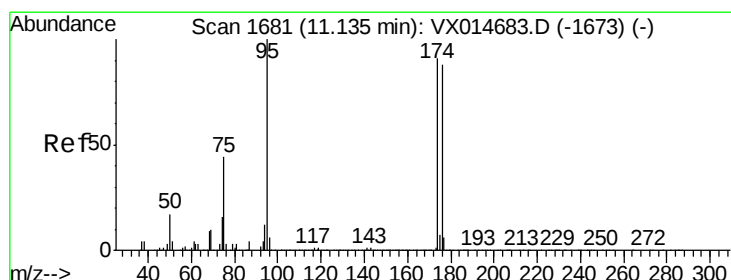
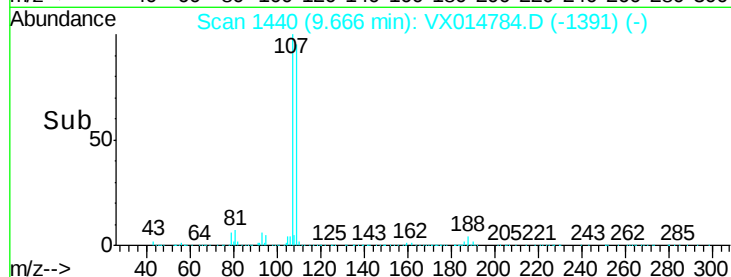
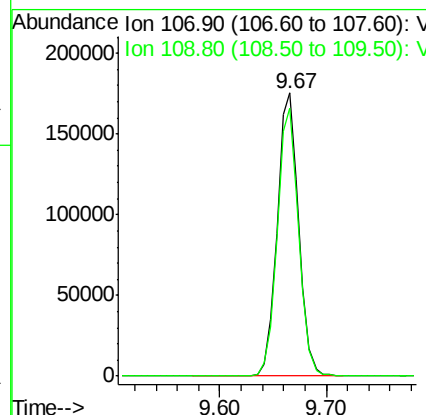
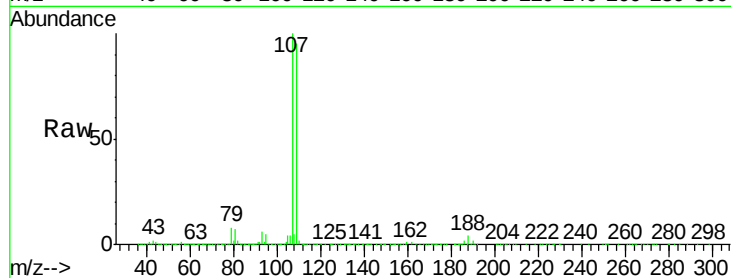
#61
 1,2-Dibromoethane
 Concen: 50.108 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.2	114.2

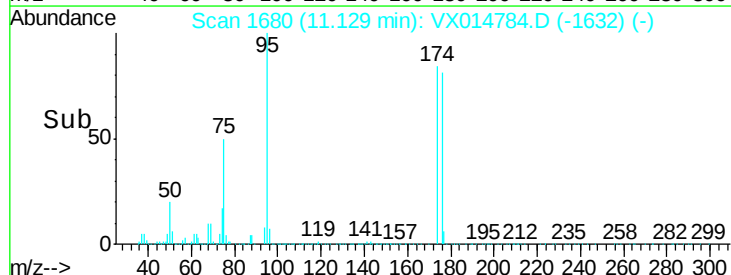
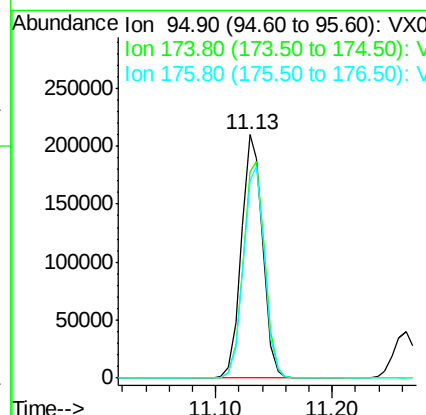
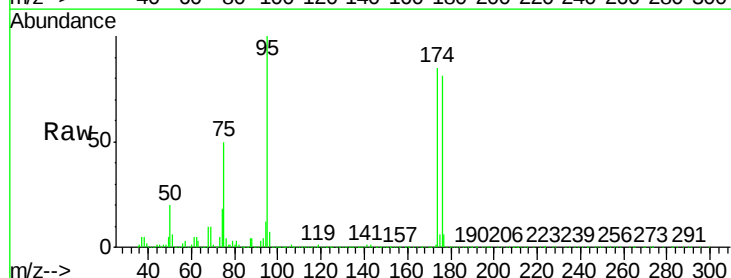
Manual Integrations
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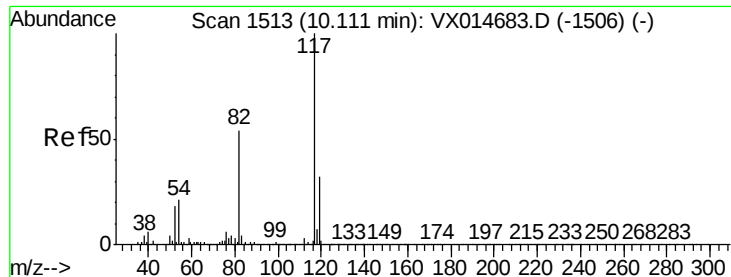
MMDadoda
 2/4/2020 3:36:00 PM



#62
 4-Bromofluorobenzene
 Concen: 48.008 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	176.0
176	87.2	0.0	172.2





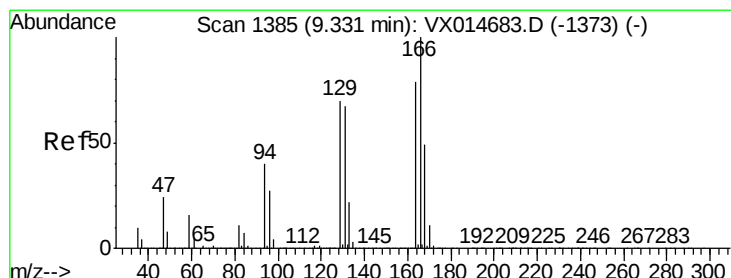
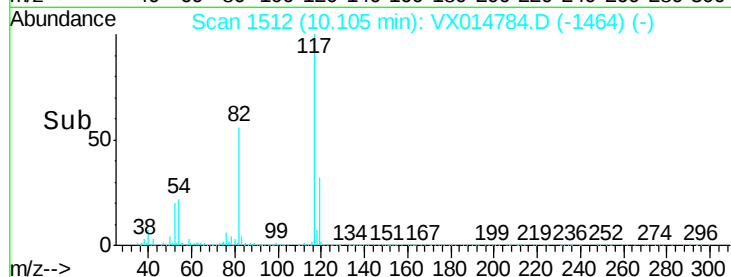
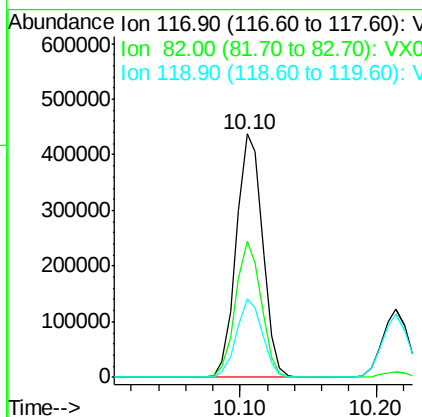
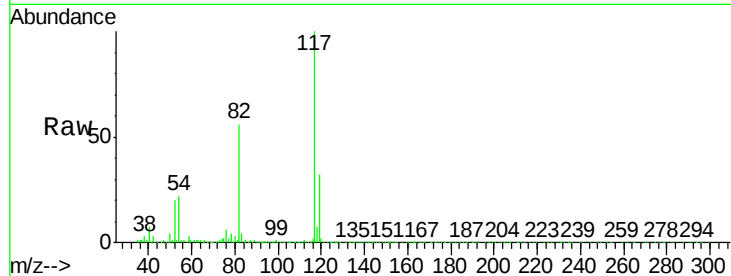
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.6	43.2	64.8
119	32.1	25.8	38.6

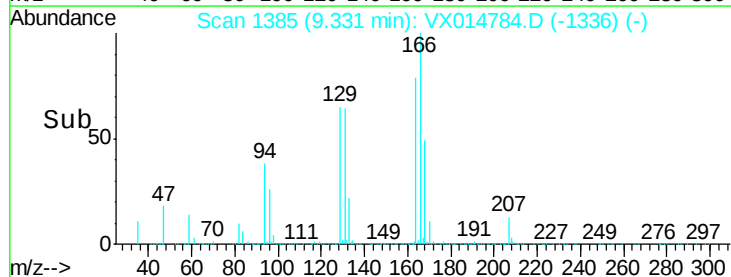
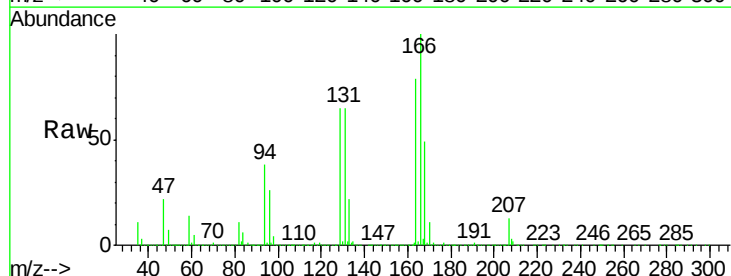
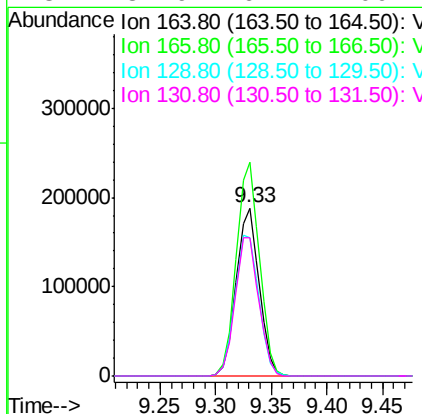
Manual Integrations
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#64
Tetrachloroethene
Concen: 45.864 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.9	100.9	151.3
129	82.4	71.0	106.6
131	81.9	67.1	100.7





#65

Chlorobenzene

Concen: 49.252 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 621068

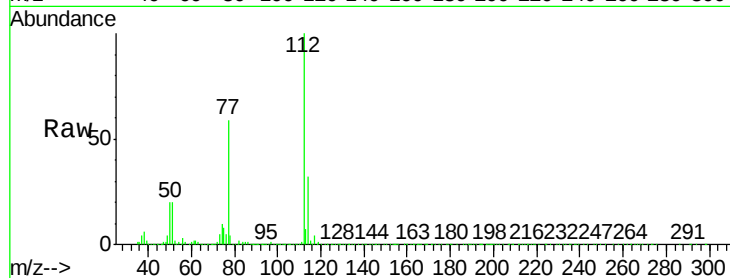
Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.8

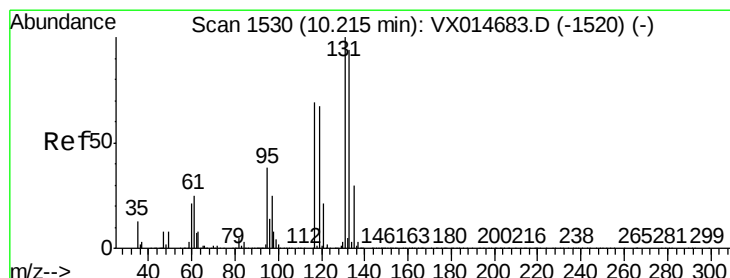
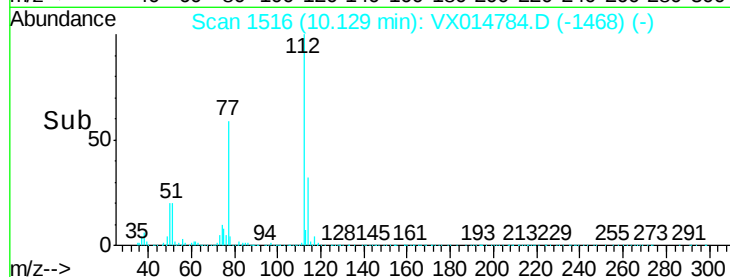
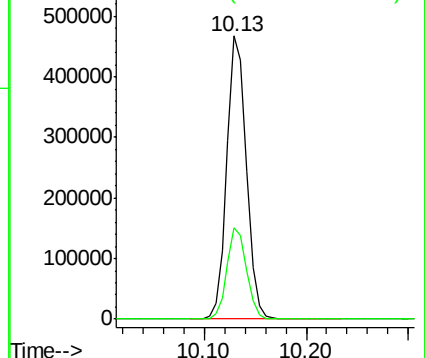
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.203 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

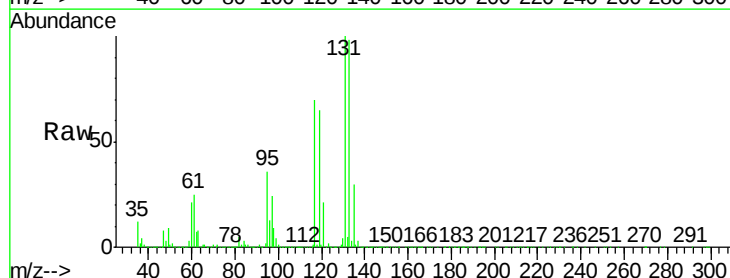
Tgt Ion:131 Resp: 233410

Ion Ratio Lower Upper

131 100

133 96.4 47.4 142.3

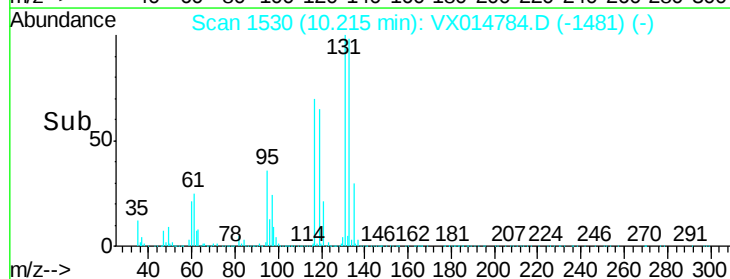
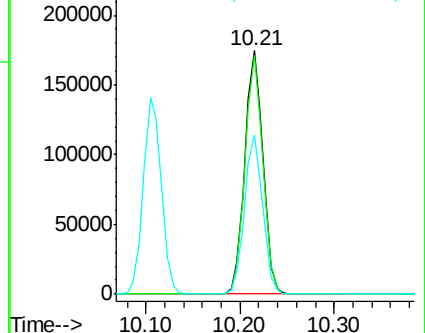
119 65.4 33.3 99.8

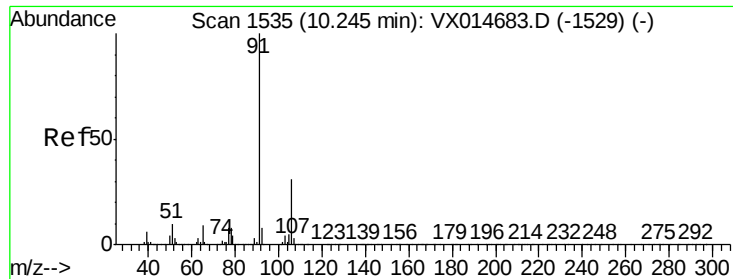


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





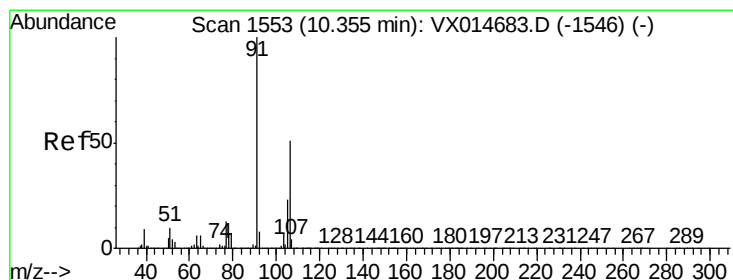
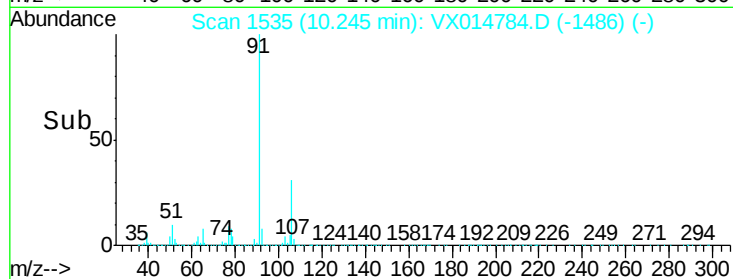
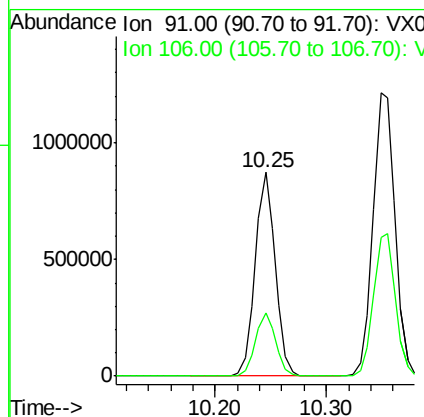
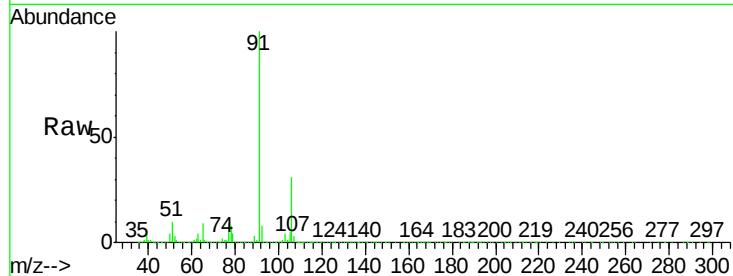
#67
Ethyl Benzene
Concen: 50.875 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1095406
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

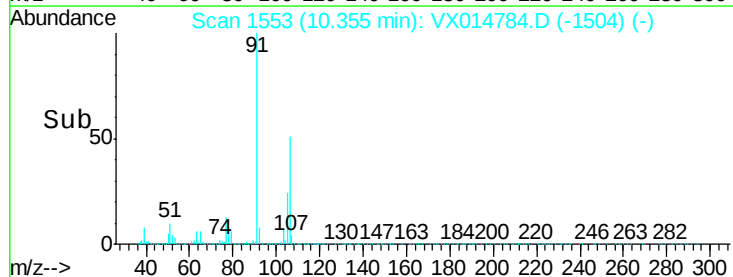
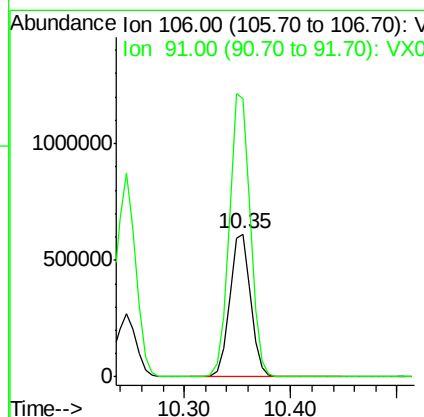
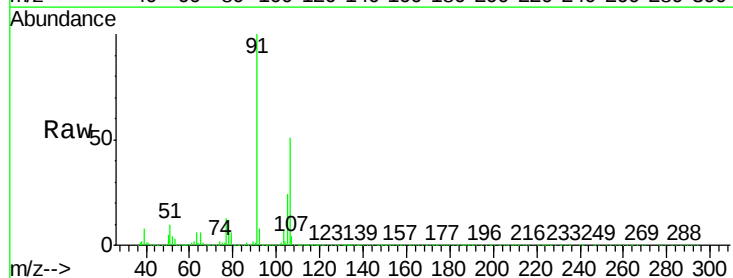
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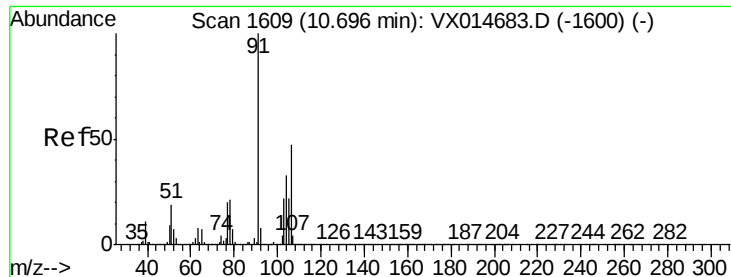
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#68
m/p-Xylenes
Concen: 102.978 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 106 Resp: 839996
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.2





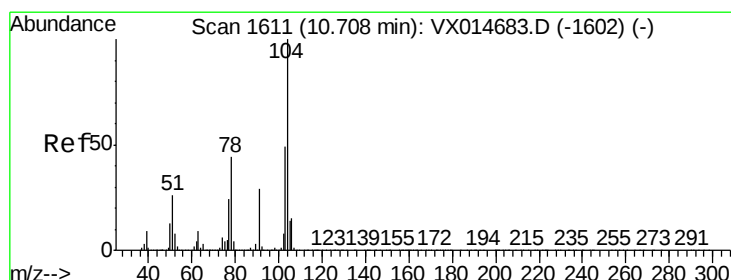
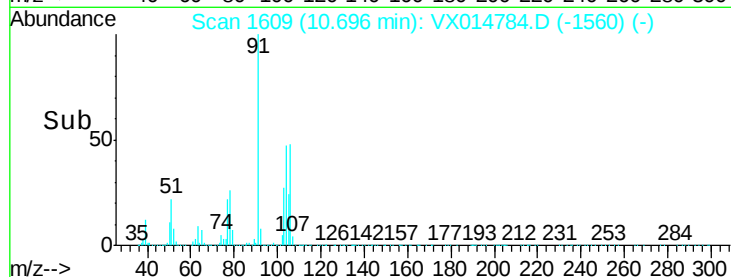
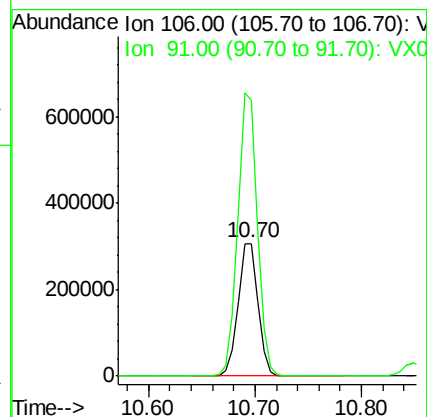
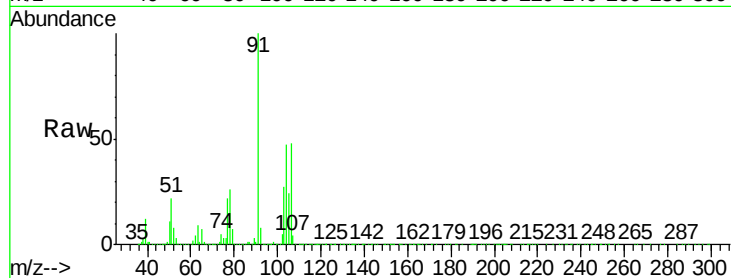
#69
o-Xylene
Concen: 51.210 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	106.2	318.6

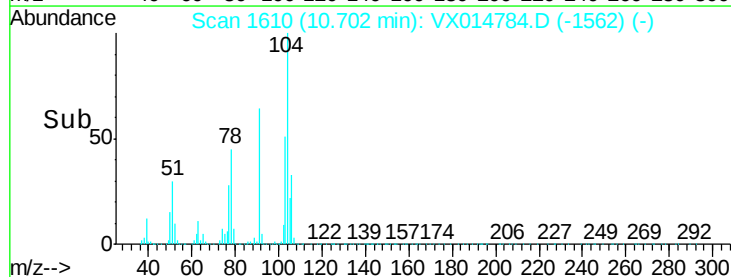
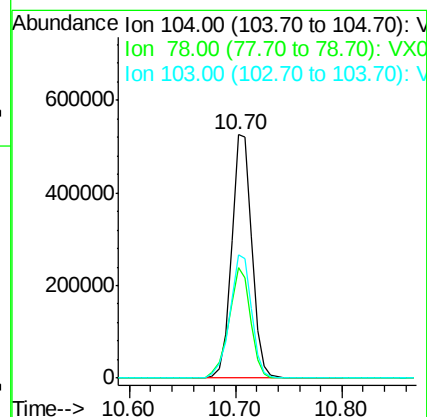
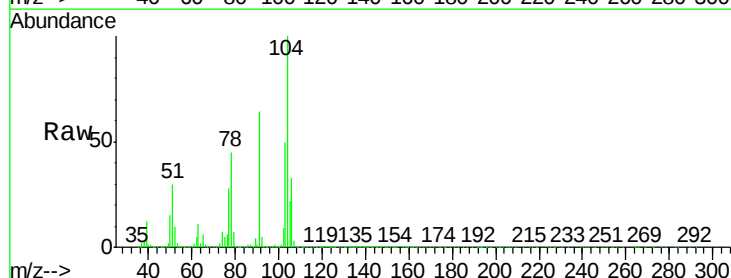
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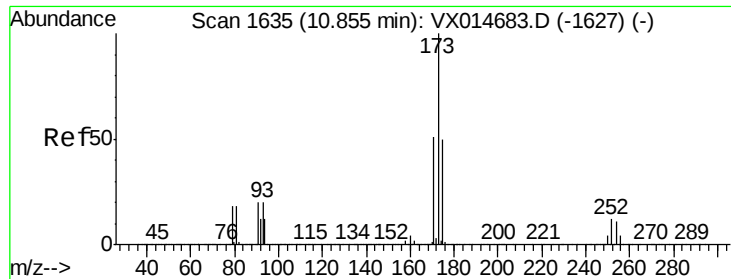
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2/4/2020 3:36:00 PM



#70
Styrene
Concen: 53.117 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	39.3	58.9
103	54.0	43.5	65.3





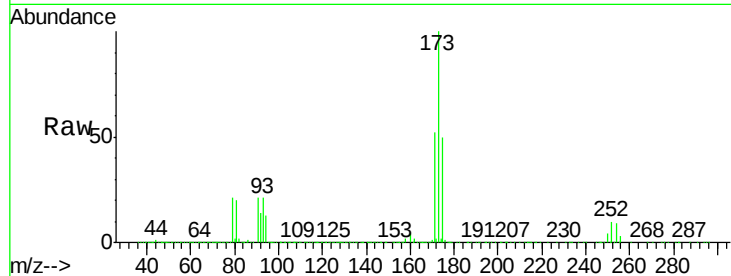
#71
Bromoform
Concen: 52.359 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

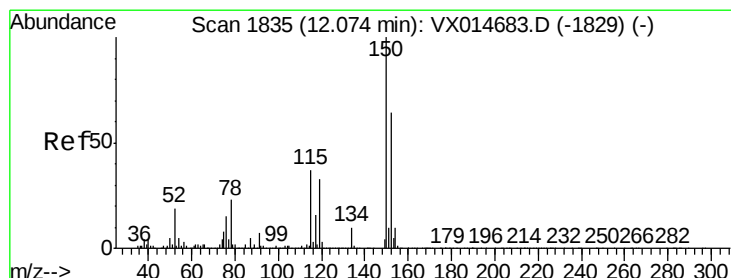
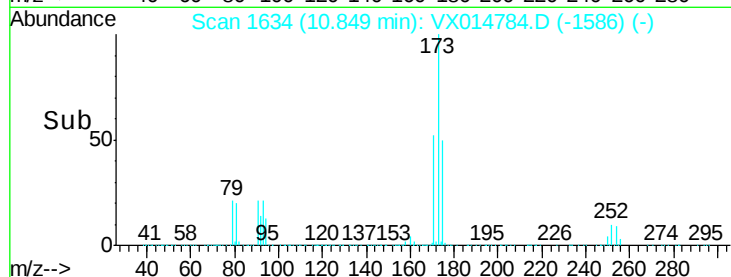
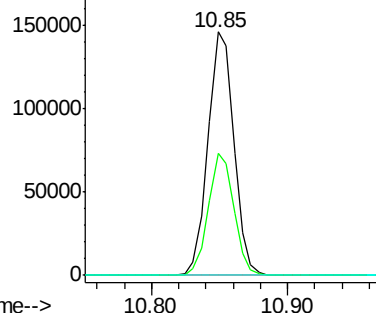
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	73.6
254	0.2	0.1	0.1#

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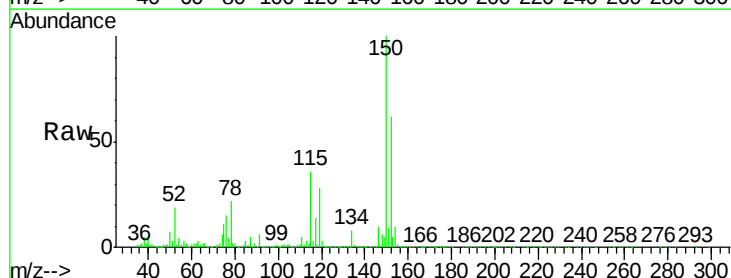


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

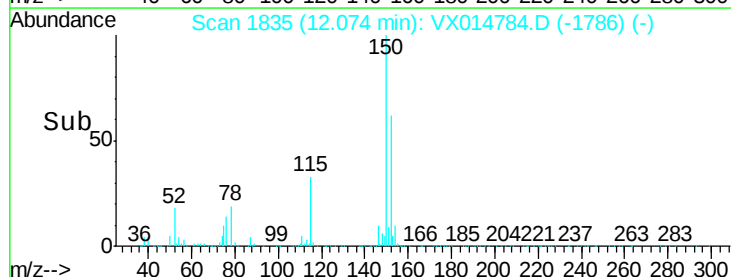
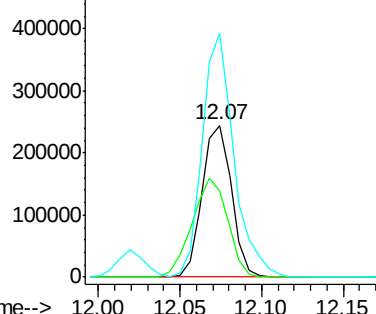


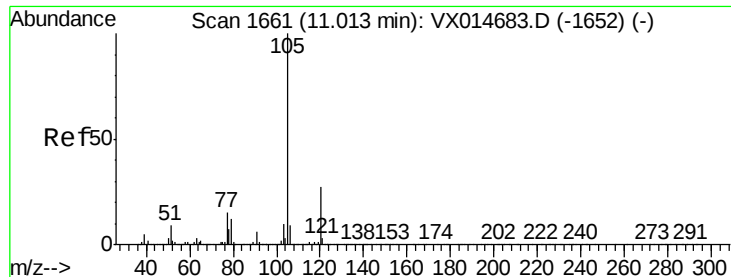
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	39.4	118.1
150	172.2	0.0	351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.732 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1090013

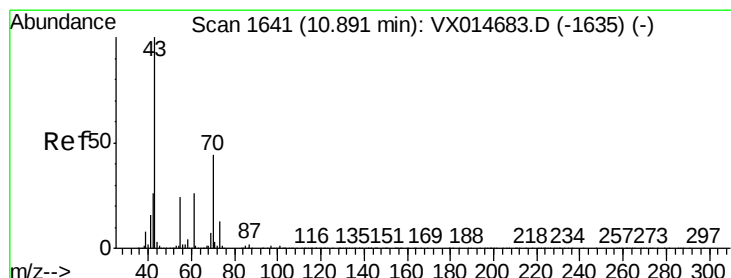
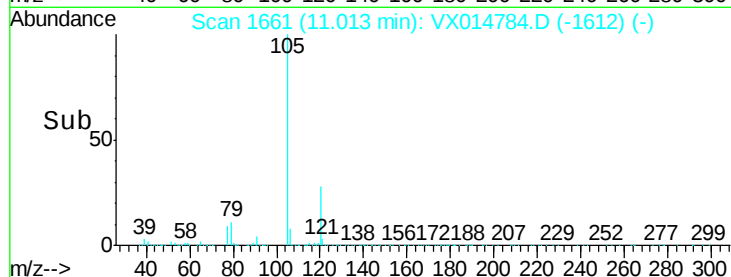
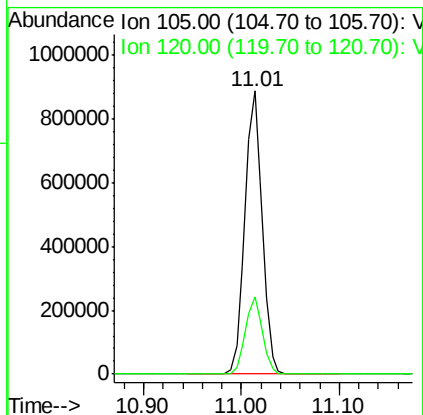
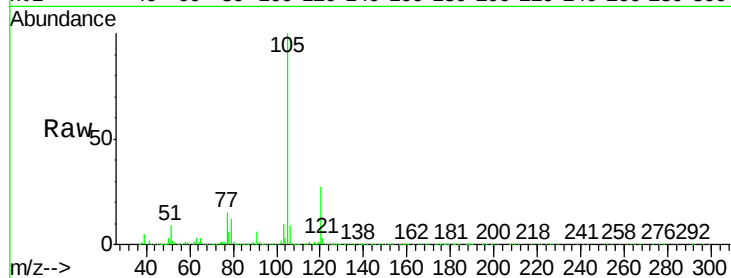
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

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2/4/2020 3:36:00 PM



#74

N-ethyl acetate

Concen: 48.793 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion: 43 Resp: 459401

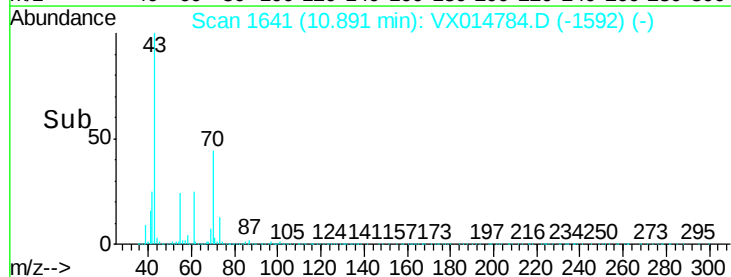
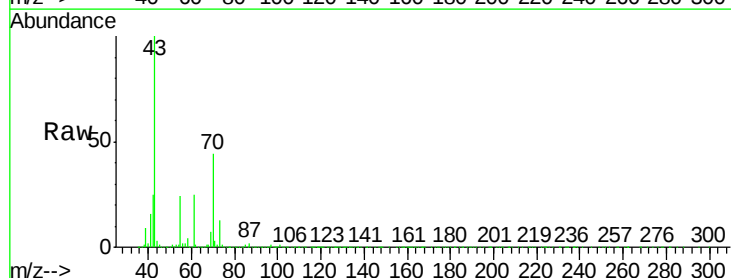
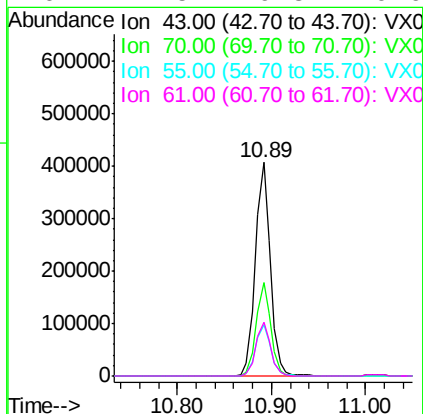
Ion Ratio Lower Upper

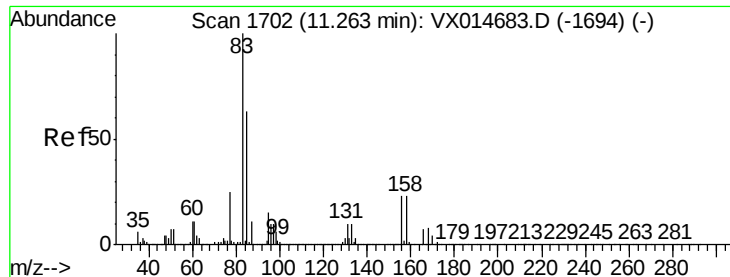
43 100

70 42.7 34.6 52.0

55 24.2 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.605 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

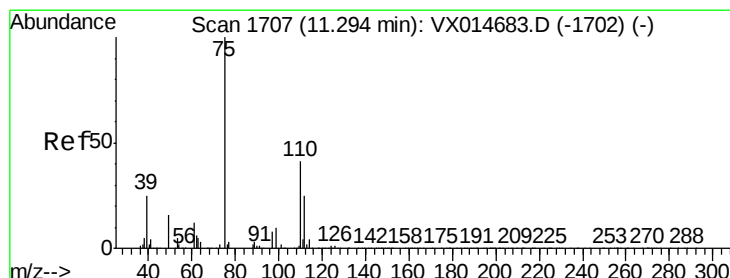
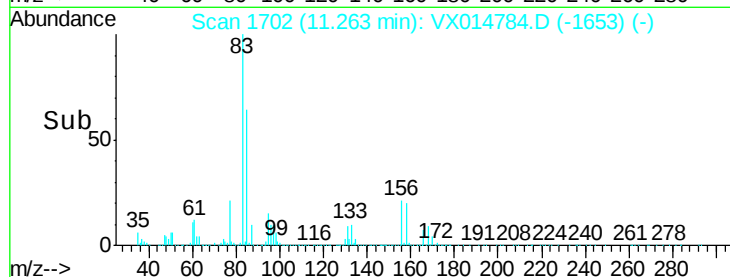
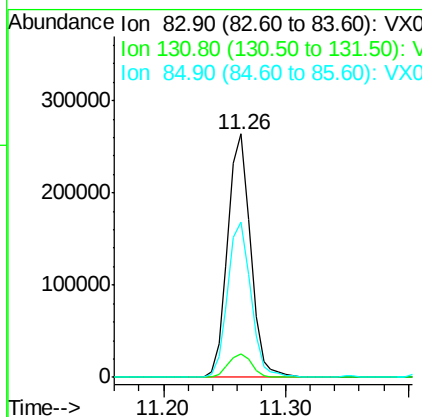
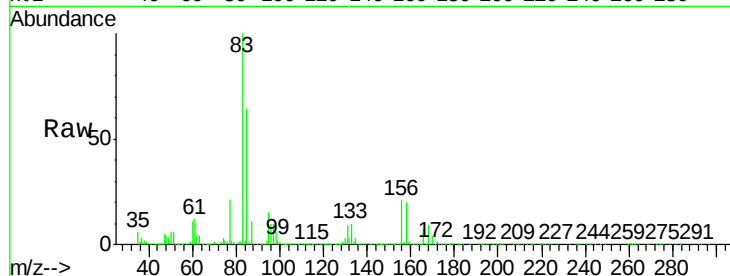
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	342182
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.7	31.7	95.1

Manual Integrations
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2/4/2020 3:36:00 PM



#76

1,2,3-Trichloropropane

Concen: 41.501 ug/l m

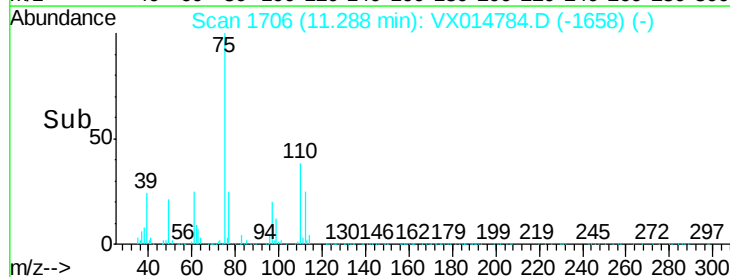
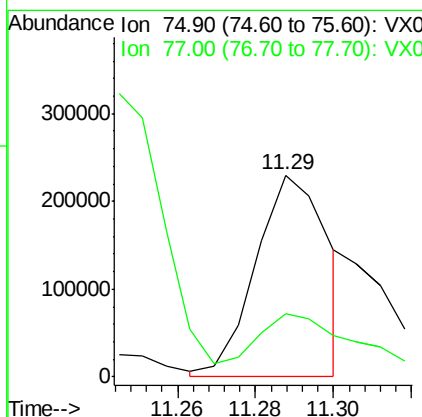
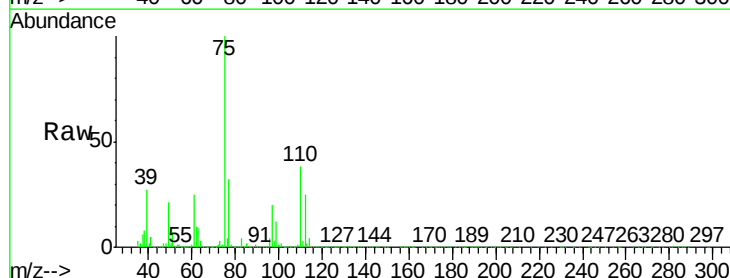
RT: 11.29 min Scan# 1706

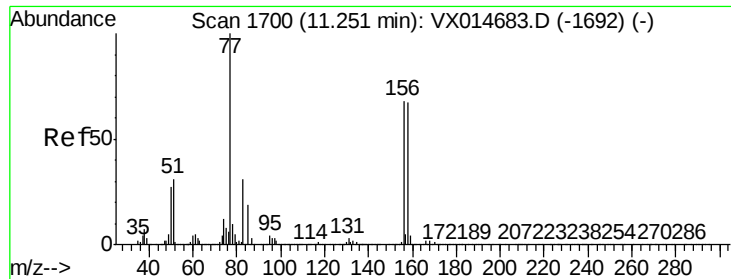
Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion:	75	Resp:	295039
Ion Ratio	Lower	Upper	
75	100		
77	44.1	18.7	56.1





#77

Bromobenzene

Concen: 49.574 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

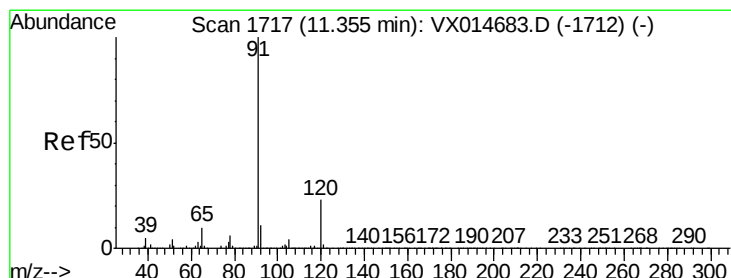
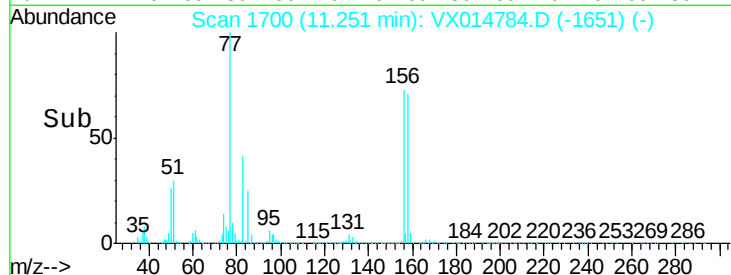
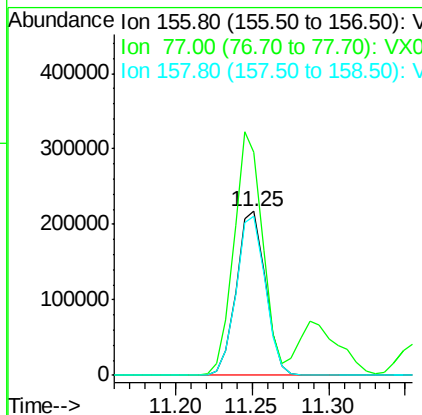
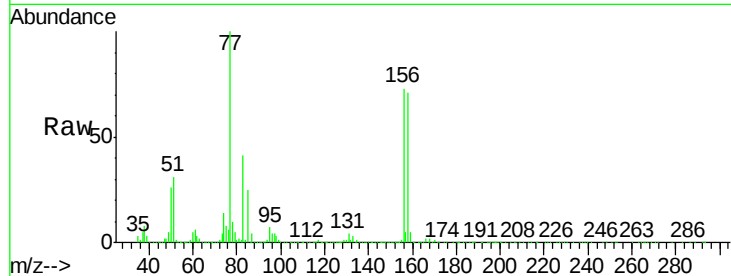
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	286141
Ion Ratio	Lower	Upper	
156	100		
77	146.0	77.5	232.5
158	97.4	49.1	147.3

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2/4/2020 3:36:00 PM



#78

n-propylbenzene

Concen: 51.017 ug/l

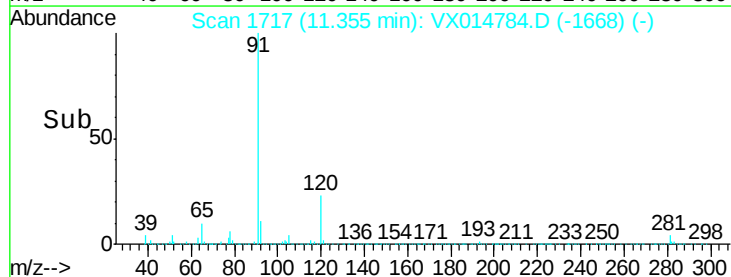
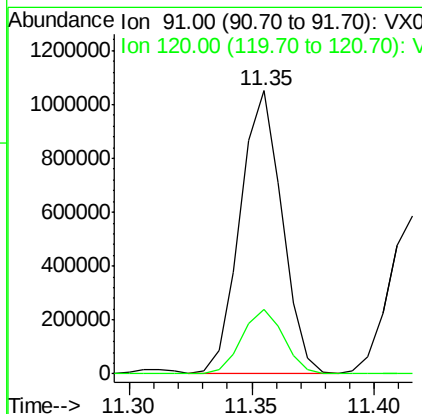
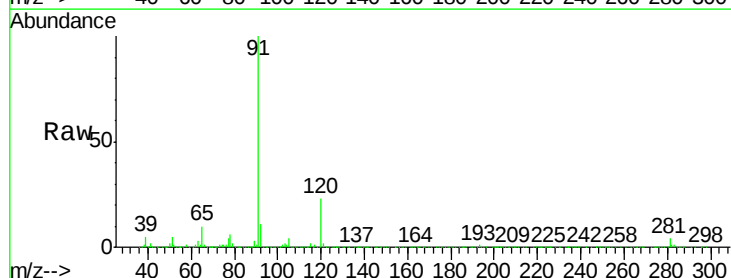
RT: 11.35 min Scan# 1717

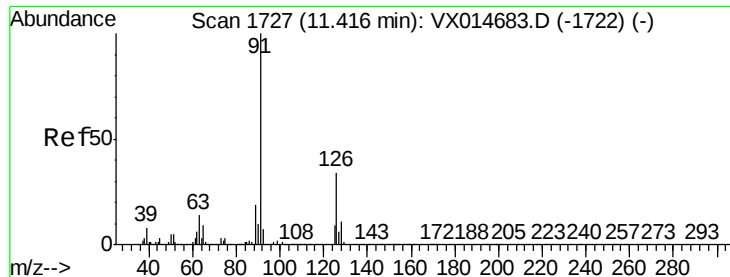
Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion:	91	Resp:	1244205
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





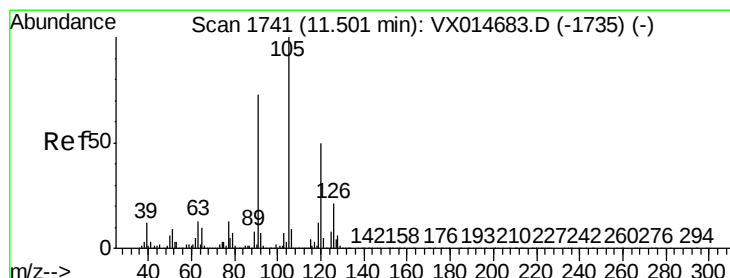
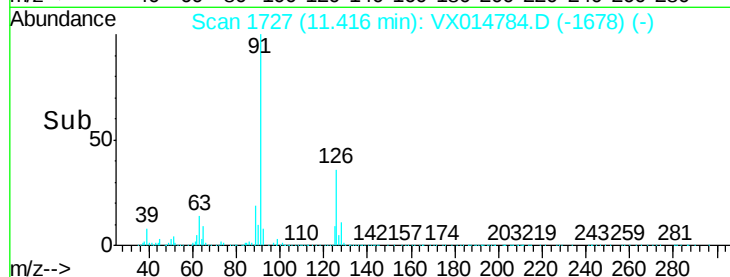
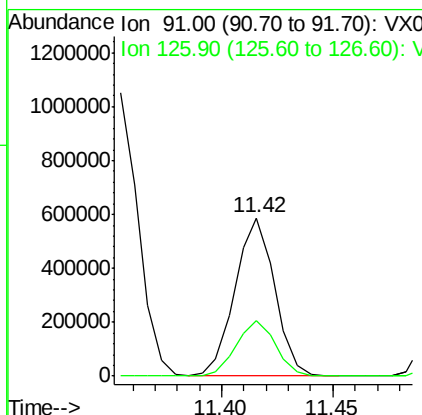
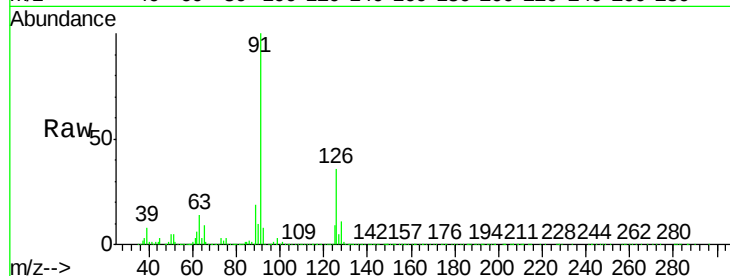
#79
2-Chlorotoluene
Concen: 49.219 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 726295
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9

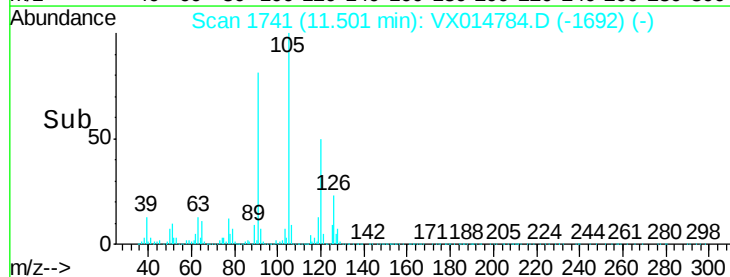
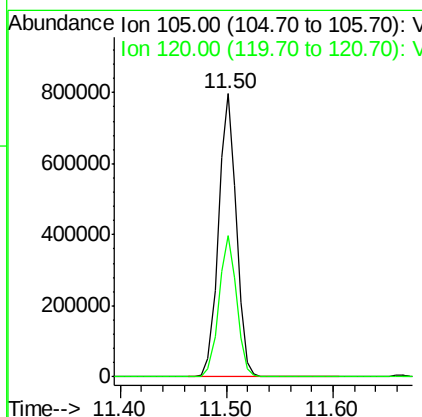
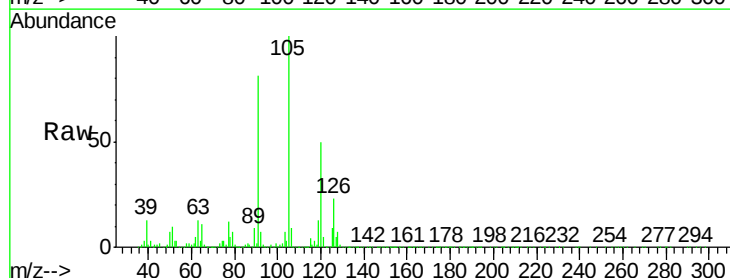
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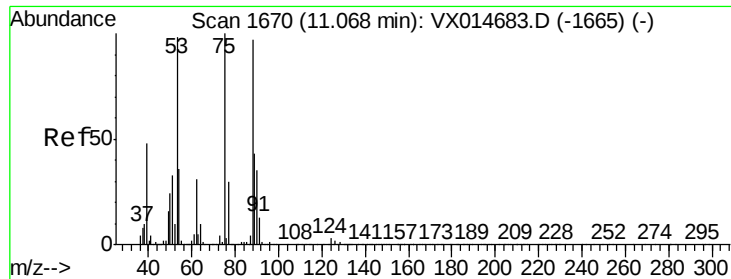
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#80
1,3,5-Trimethylbenzene
Concen: 51.647 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 105 Resp: 920986
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





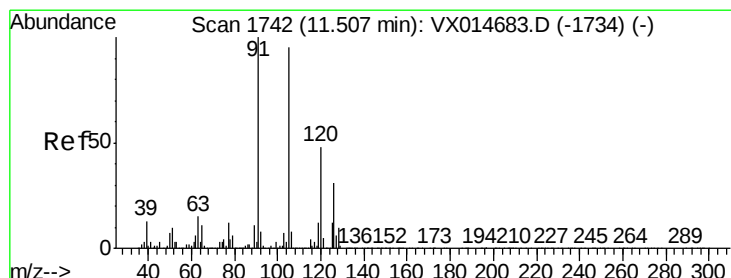
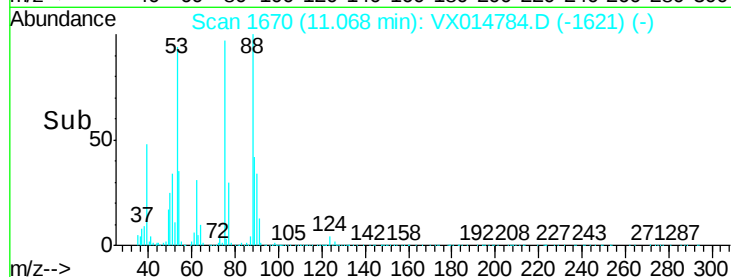
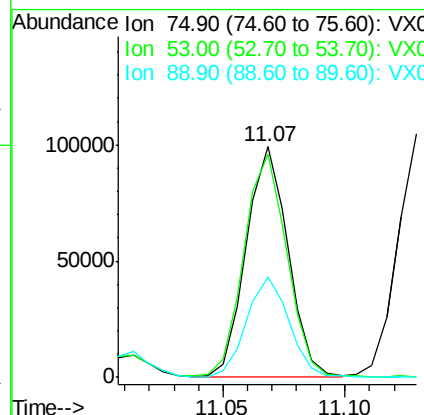
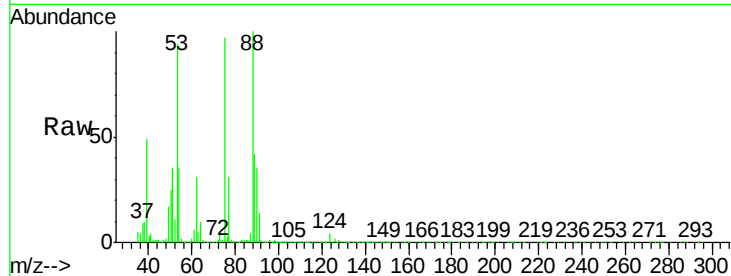
#81
trans-1,4-Dichloro-2-butene
Concen: 47.316 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.0	78.8	118.2
89	44.6	35.4	53.0

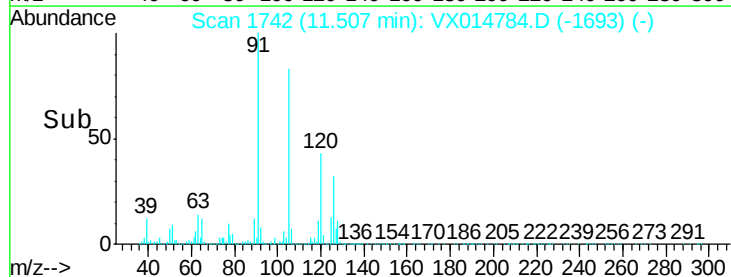
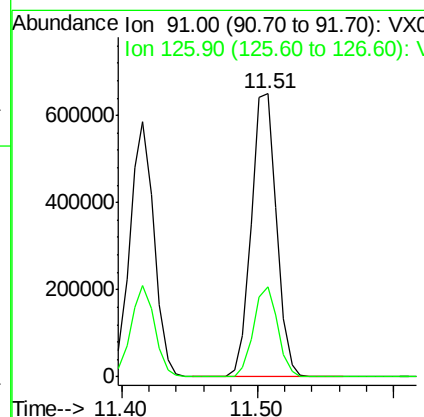
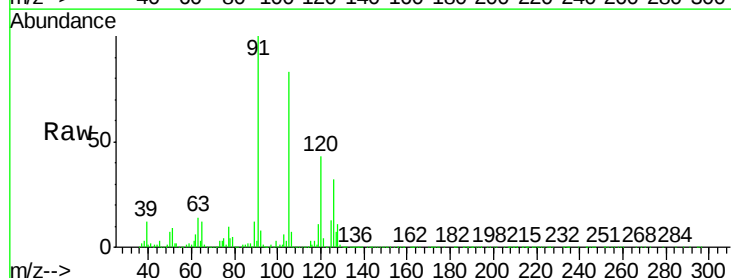
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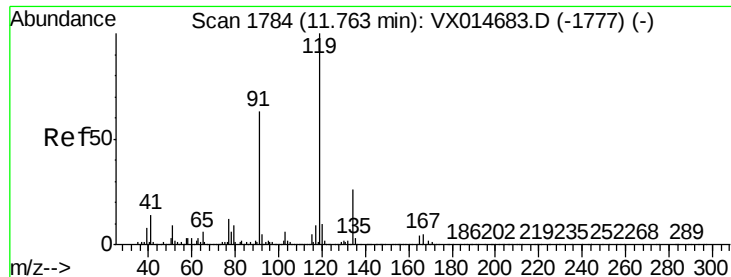
MMDadoda
2/4/2020 3:36:00 PM



#82
4-Chlorotoluene
Concen: 50.403 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.4





#83

tert-Butylbenzene

Concen: 51.759 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

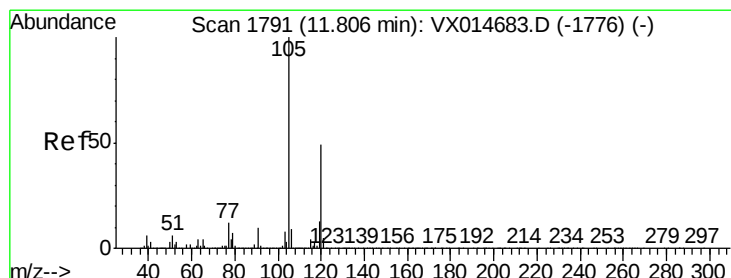
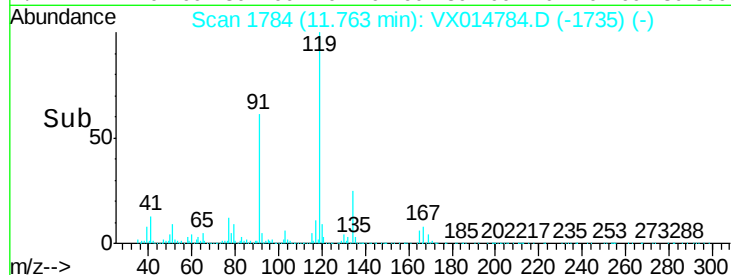
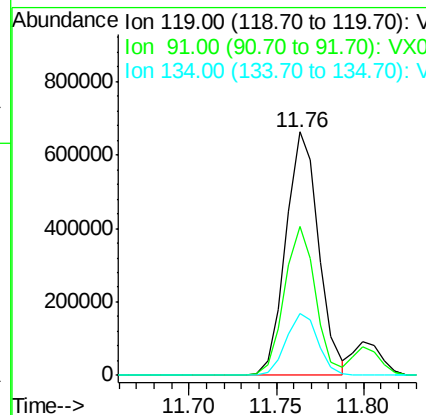
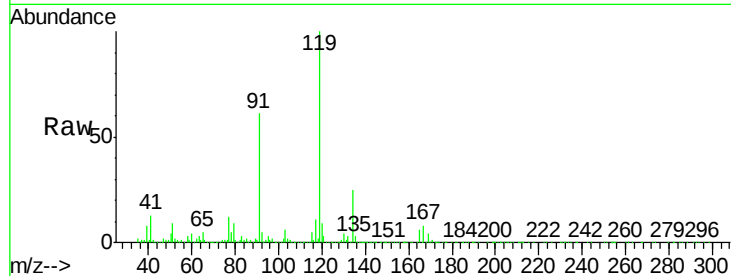
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	867300
Ion Ratio	Lower	Upper	
119	100		
91	58.1	30.0	90.0
134	24.9	12.7	38.0

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#84

1,2,4-Trimethylbenzene

Concen: 51.368 ug/l

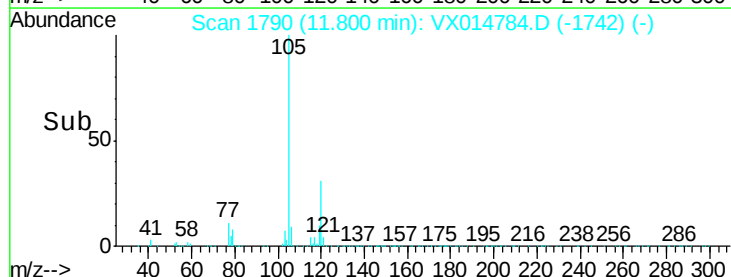
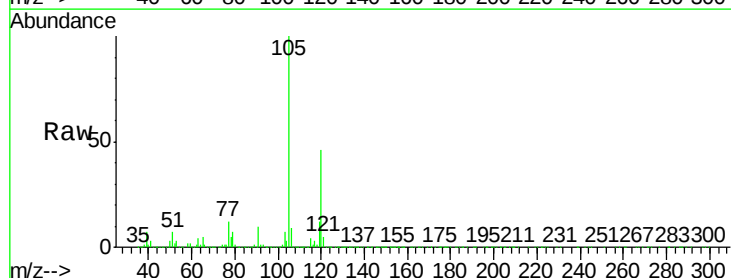
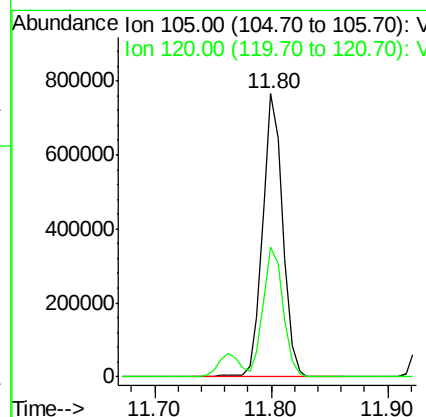
RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion:	105	Resp:	918781
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.4	70.0





#85

sec-Butylbenzene

Concen: 52.266 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1072902

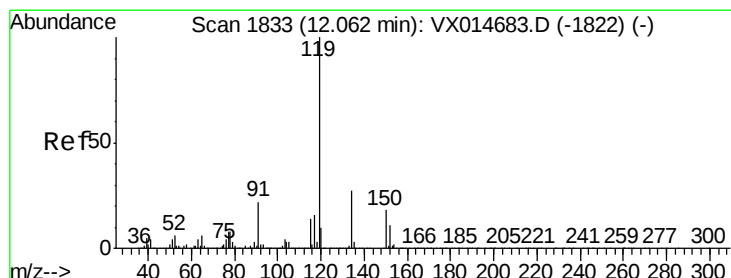
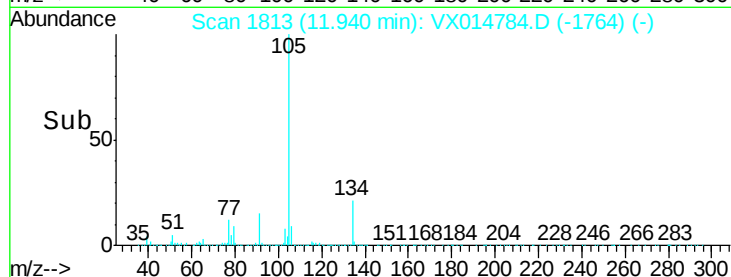
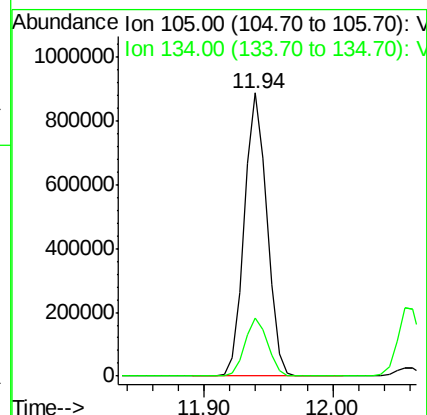
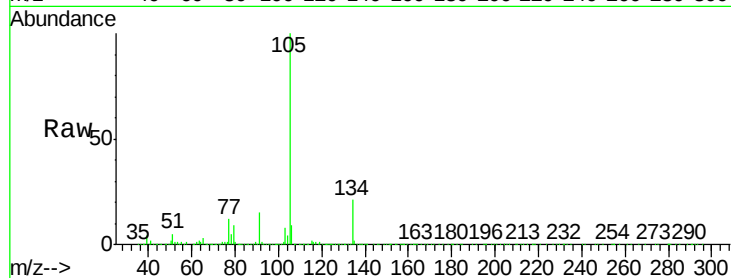
Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8

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2/4/2020 3:36:00 PM



#86

p-Isopropyltoluene

Concen: 52.237 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

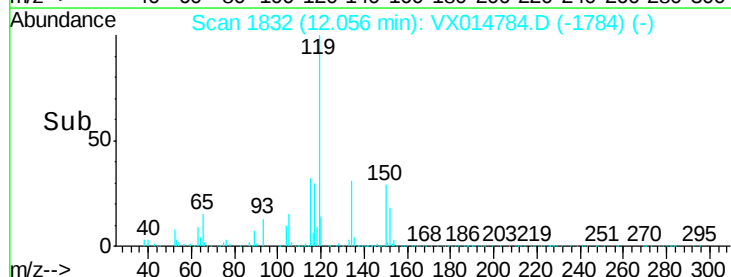
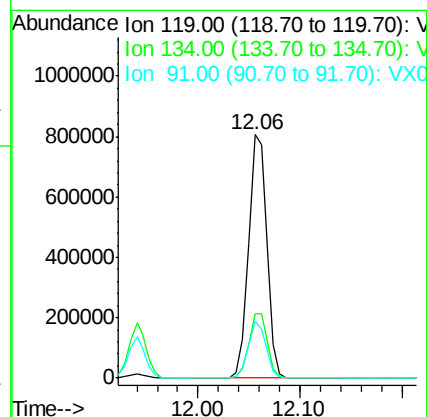
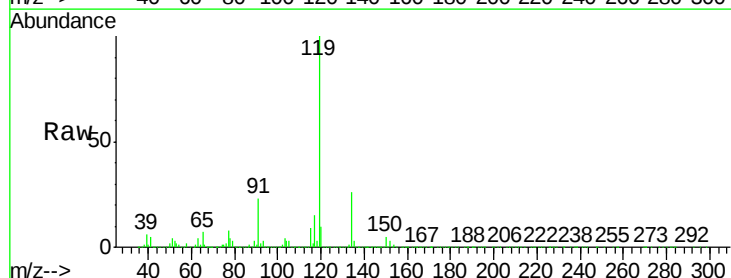
Tgt Ion:119 Resp: 990975

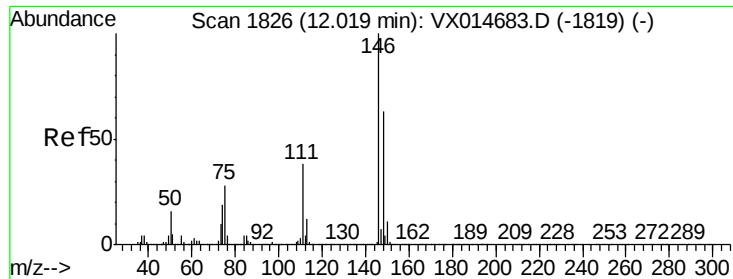
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.626 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

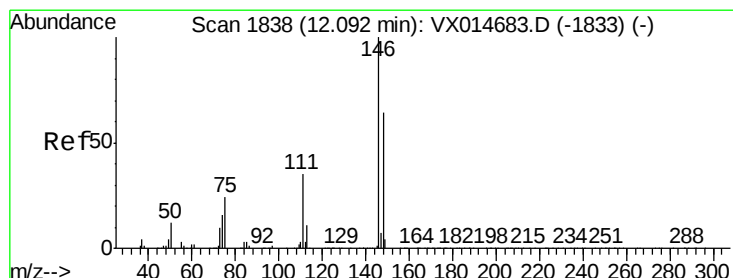
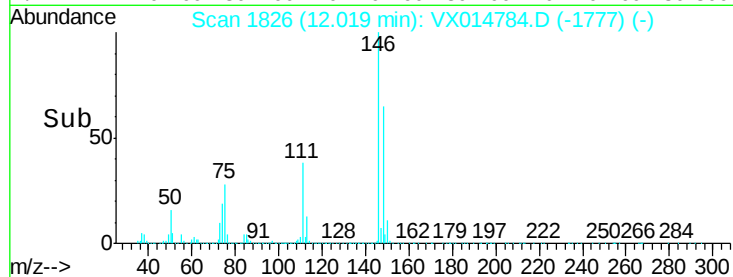
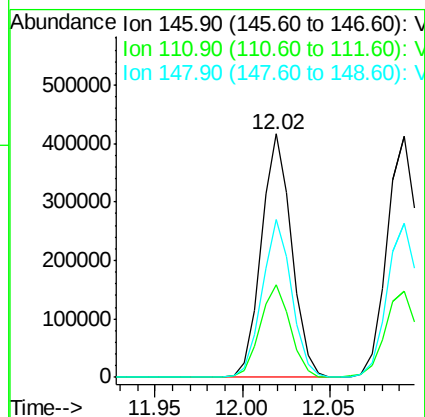
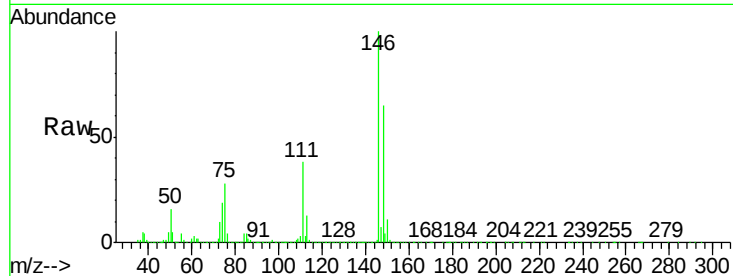
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.3	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 48.567 ug/l

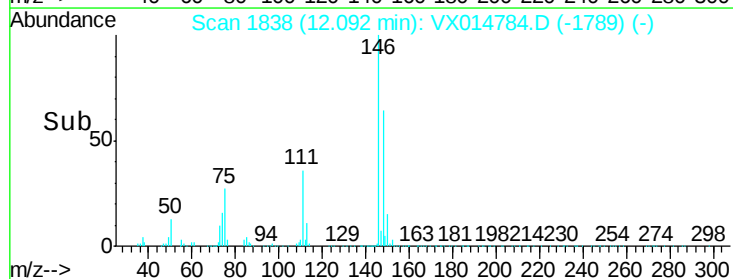
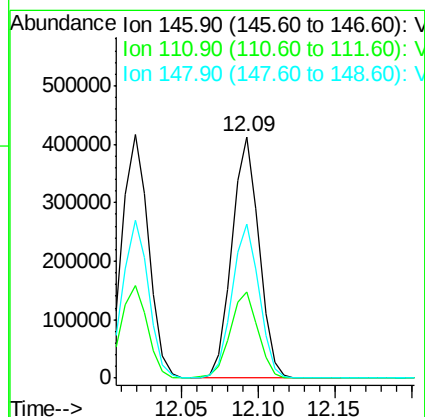
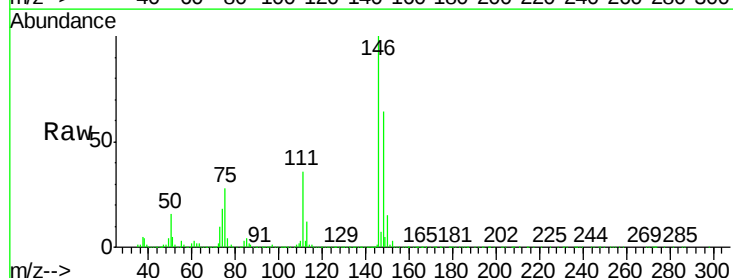
RT: 12.09 min Scan# 1838

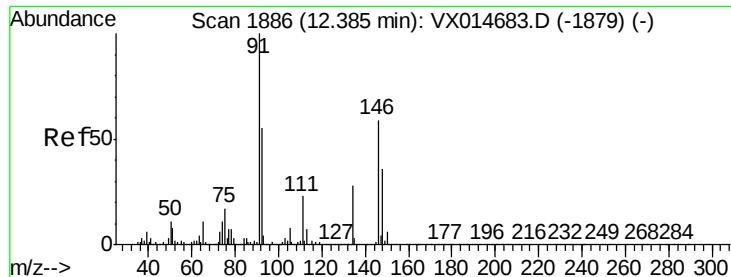
Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.0	32.0	96.2





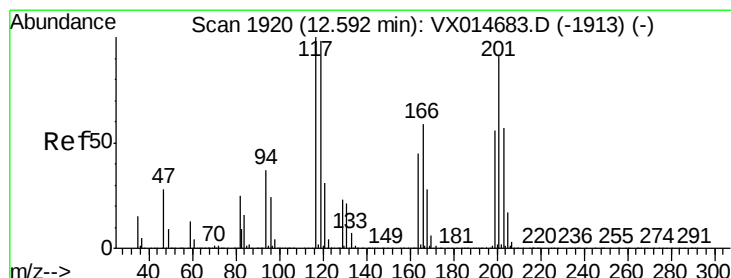
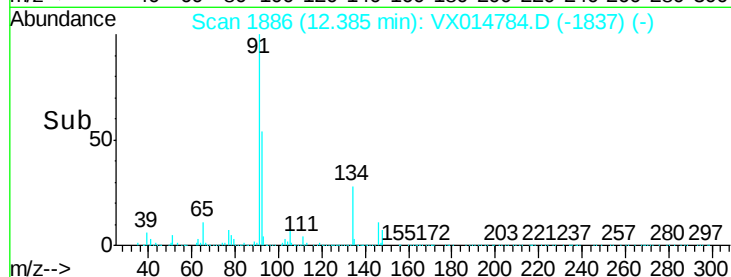
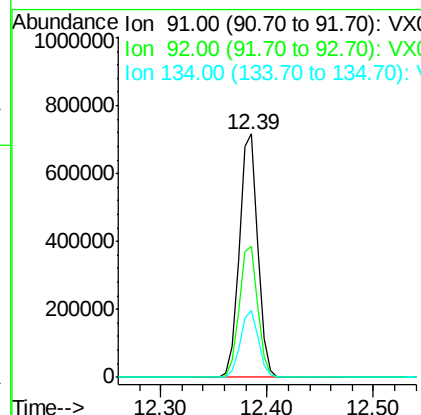
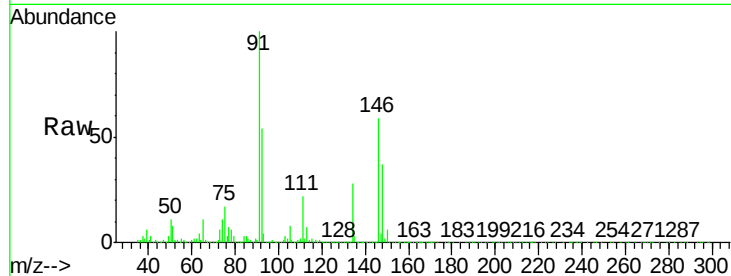
#89
n-Butylbenzene
Concen: 52.517 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	26.9	13.3	39.8

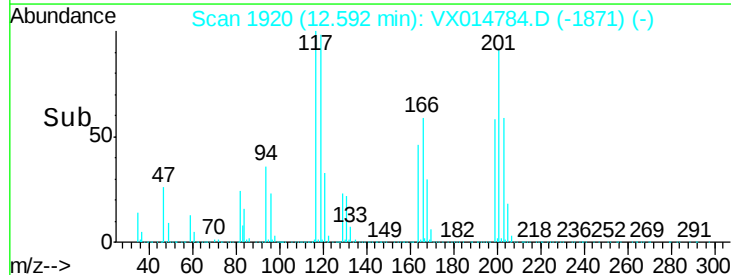
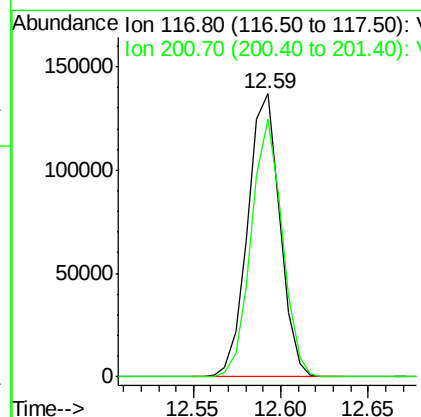
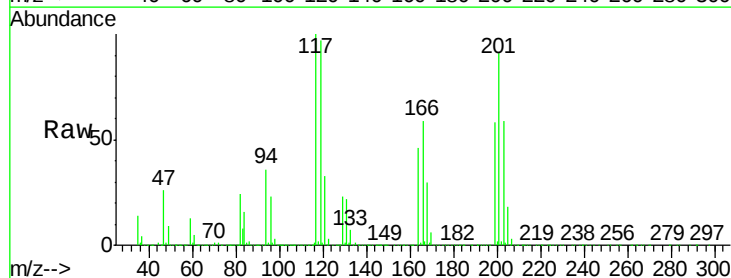
Manual Integrations
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#90
Hexachloroethane
Concen: 49.670 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	44.4	133.1





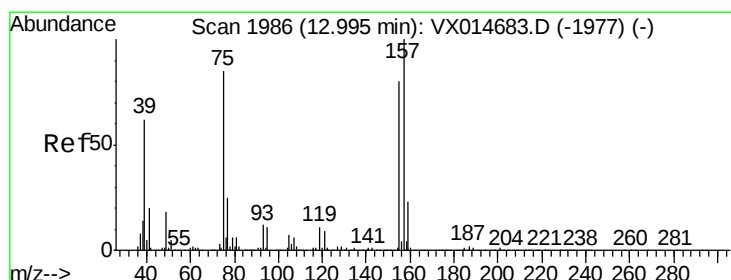
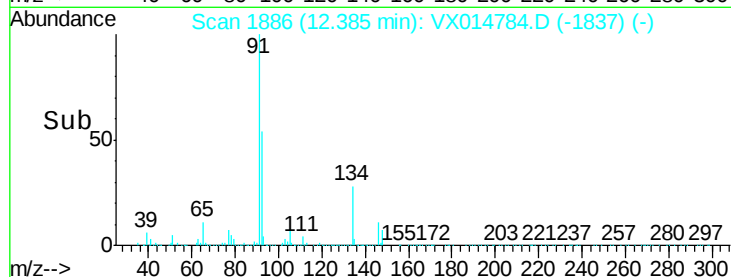
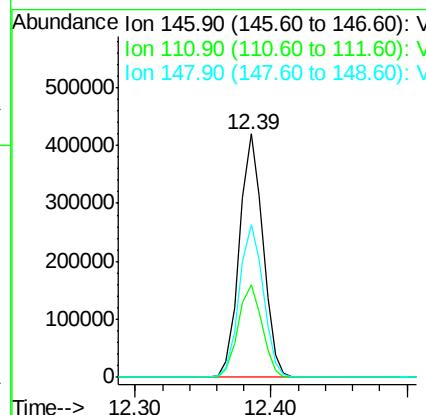
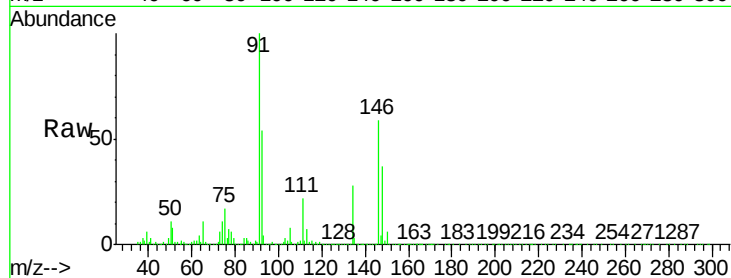
#91
 1,2-Dichlorobenzene
 Concen: 48.988 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	63.9	31.9	95.9

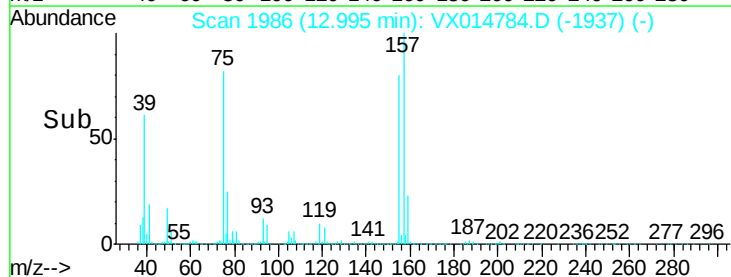
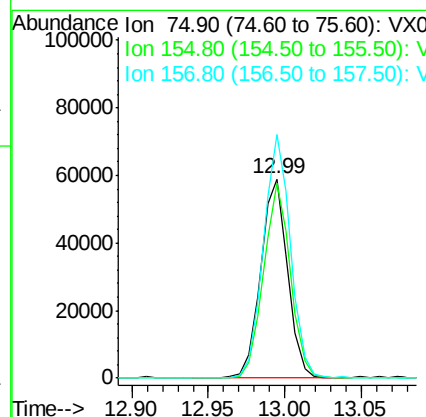
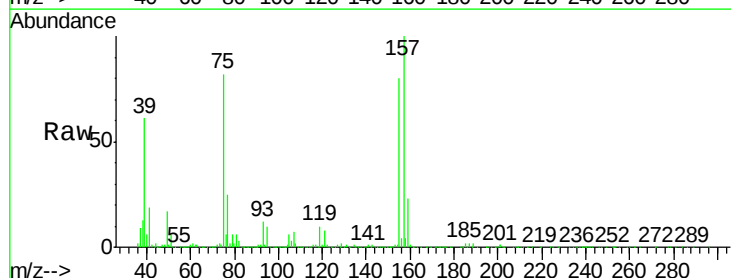
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.496 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	45.6	136.9
157	123.4	60.3	180.9





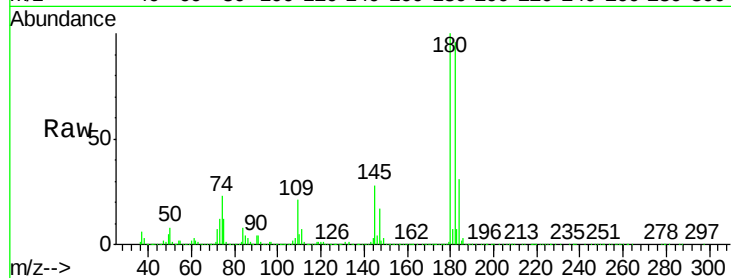
#93
1,2,4-Trichlorobenzene
Concen: 51.630 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

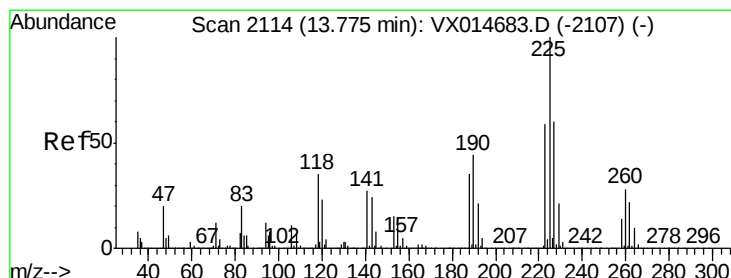
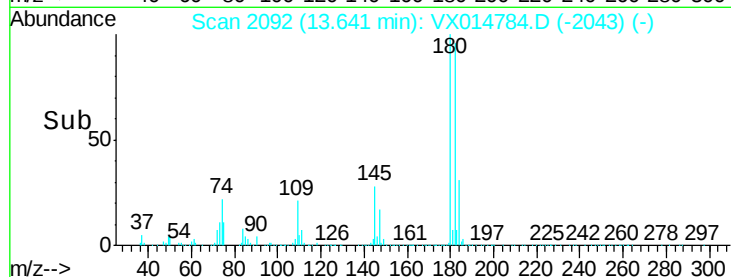
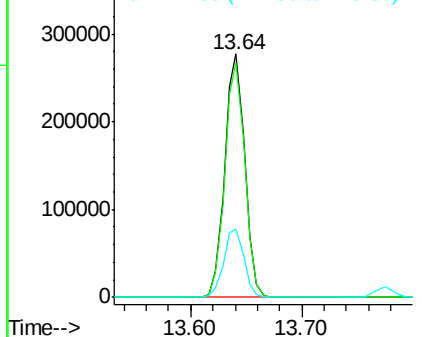
Tot Ion	Ratio	Resp	Lower	Upper
180	100	342948		
182	96.4	48.5	145.6	
145	28.6	14.0	41.9	

Manual Integrations
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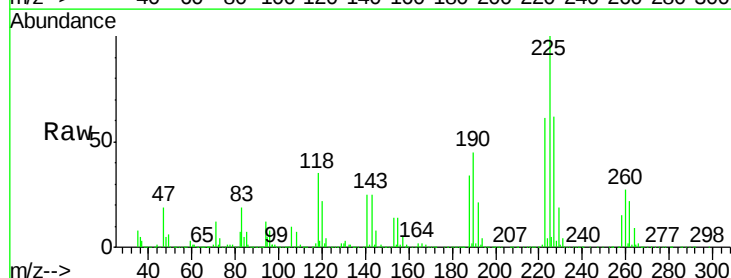


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

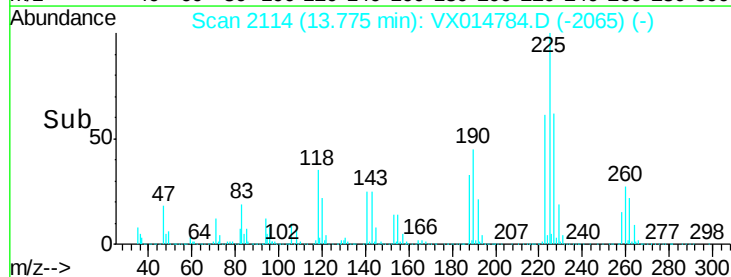
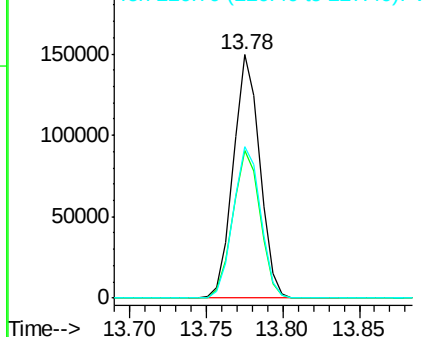


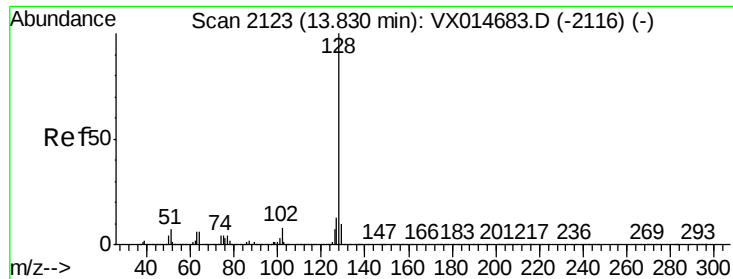
#94
Hexachlorobutadiene
Concen: 52.477 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	179405		
223	62.4	30.6	91.8	
227	64.0	31.4	94.0	



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





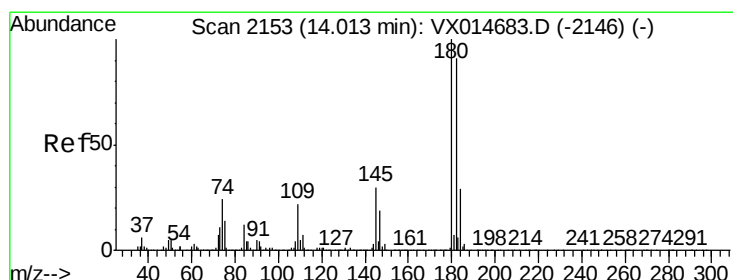
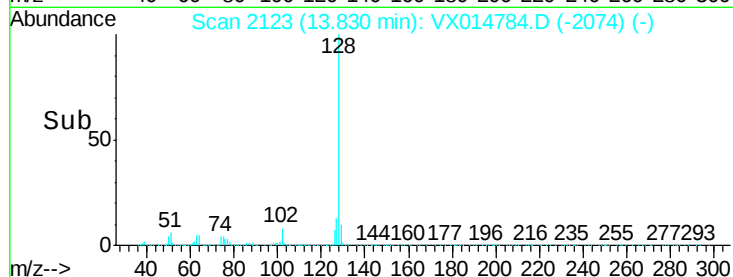
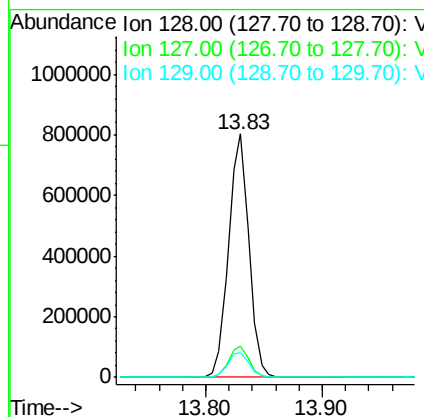
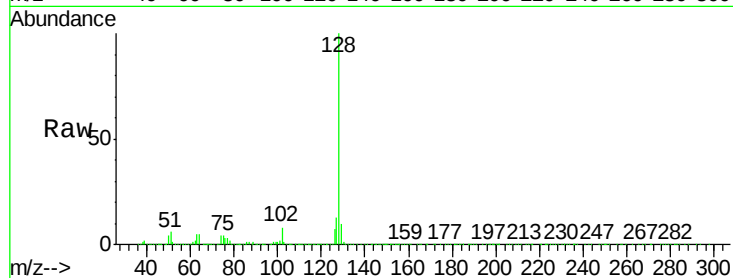
#95
Naphthalene
Concen: 45.265 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.107 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.6	139.7
145	29.4	14.7	44.1

