

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015185.D
 Acq On : 11 Mar 2020 08:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:50:47 PM

Quant Time: Mar 12 06:25:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	520593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	260732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	202175	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.48	113	164972	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	629260	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	227475	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	147785	47.74	ug/l	98
3) Chloromethane	1.32	50	197101	44.95	ug/l	98
4) Vinyl Chloride	1.41	62	201047	45.22	ug/l	96
5) Bromomethane	1.64	94	113898	41.67	ug/l	99
6) Chloroethane	1.72	64	117514	44.06	ug/l	100
7) Trichlorofluoromethane	1.92	101	235110	44.44	ug/l	94
8) Diethyl Ether	2.18	74	105800	44.15	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153587	46.14	ug/l	99
10) Methyl Iodide	2.50	142	159732	42.48	ug/l	99
11) Tert butyl alcohol	3.03	59	152377	209.41	ug/l	98
12) 1,1-Dichloroethene	2.37	96	149628	43.56	ug/l	98
13) Acrolein	2.28	56	151083	220.94	ug/l	100
14) Allyl chloride	2.72	41	278287	46.46	ug/l	99
15) Acrylonitrile	3.13	53	409751	226.12	ug/l	99
16) Acetone	2.43	43	441105	259.71	ug/l	99
17) Carbon Disulfide	2.56	76	419486	43.97	ug/l	100
18) Methyl Acetate	2.76	43	184278	44.37	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	502500	46.81	ug/l	99
20) Methylene Chloride	2.85	84	177930	44.76	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	169227	46.14	ug/l	98
22) Diisopropyl ether	3.84	45	576883	48.34	ug/l	94
23) Vinyl Acetate	3.80	43	2383118	242.93	ug/l	100
24) 1,1-Dichloroethane	3.69	63	307879	46.48	ug/l	99
25) 2-Butanone	4.65	43	617583	248.37	ug/l	98
26) 2,2-Dichloropropane	4.58	77	247474	47.07	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	191241	46.47	ug/l	99
28) Bromochloromethane	5.00	49	153716	50.97	ug/l	95
29) Tetrahydrofuran	5.11	42	359359	224.20	ug/l	98
30) Chloroform	5.20	83	305571	47.33	ug/l	100
31) Cyclohexane	5.57	56	272051	46.05	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	258838	48.37	ug/l	98
36) 1,1-Dichloropropene	5.79	75	230899	47.98	ug/l	99
37) Ethyl Acetate	4.81	43	222057	49.74	ug/l	100
38) Carbon Tetrachloride	5.77	117	225762	49.70	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	278569	49.57	ug/l	99
40) Benzene	6.13	78	689726	48.31	ug/l	98
41) Methacrylonitrile	5.03	41	126745	47.27	ug/l	98
42) 1,2-Dichloroethane	6.18	62	244975	49.96	ug/l	98
43) Isopropyl Acetate	6.43	43	373302	47.53	ug/l	100
44) Trichloroethene	7.20	130	190460	47.90	ug/l	96
45) 1,2-Dichloropropane	7.50	63	181986	49.24	ug/l	99
46) Dibromomethane	7.65	93	117014	48.59	ug/l	98
47) Bromodichloromethane	7.89	83	244582	51.36	ug/l	99
48) Methyl methacrylate	7.76	41	188531	47.17	ug/l	99
49) 1,4-Dioxane	7.73	88	77572	897.59	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1153434	248.40	ug/l	100
52) Toluene	8.78	92	441795	50.60	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	260695	51.43	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	289964	50.60	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	179239	49.88	ug/l	99
56) Ethyl methacrylate	9.17	69	261649	51.05	ug/l	99
57) 1,3-Dichloropropane	9.36	76	301709	49.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	755006	270.39	ug/l	100
59) 2-Hexanone	9.48	43	902837	262.33	ug/l	100
60) Dibromochloromethane	9.57	129	192283	50.94	ug/l	99
61) 1,2-Dibromoethane	9.67	107	183157	48.53	ug/l	100
64) Tetrachloroethene	9.33	164	200035	49.74	ug/l	98
65) Chlorobenzene	10.13	112	476786	48.83	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	177429	48.19	ug/l	99
67) Ethyl Benzene	10.25	91	846743	51.07	ug/l	98
68) m/p-Xylenes	10.35	106	655094	103.84	ug/l	99
69) o-Xylene	10.69	106	307656	50.94	ug/l	99
70) Styrene	10.71	104	539419	52.09	ug/l	99
71) Bromoform	10.85	173	142496	49.91	ug/l	98
73) Isopropylbenzene	11.01	105	833370	50.03	ug/l	99
74) N-amyl acetate	10.89	43	327299	46.63	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	253802	45.72	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	210072m	40.39	ug/l	
77) Bromobenzene	11.25	156	215436	46.41	ug/l	100
78) n-propylbenzene	11.35	91	985064	51.77	ug/l	99
79) 2-Chlorotoluene	11.42	91	561226	49.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	709914	51.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84806	46.28	ug/l	98
82) 4-Chlorotoluene	11.51	91	669114	49.84	ug/l	100
83) tert-Butylbenzene	11.76	119	652294	48.65	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	708180	50.84	ug/l	99
85) sec-Butylbenzene	11.94	105	818322	50.56	ug/l	99
86) p-Isopropyltoluene	12.06	119	768188	51.52	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	394701	48.37	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	402026	47.72	ug/l	99
89) n-Butylbenzene	12.38	91	706849	53.30	ug/l	99
90) Hexachloroethane	12.59	117	136577	48.45	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	396465	48.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52183	46.95	ug/l	99

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VSTDCCC050

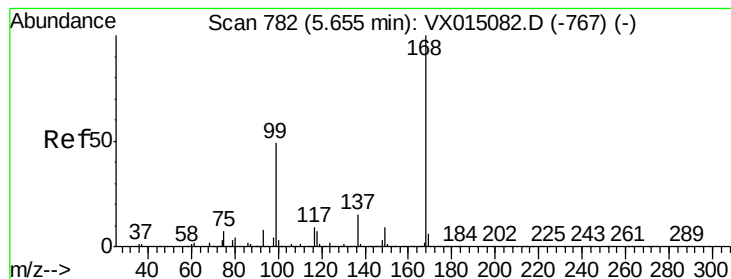
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	286524	50.88	ug/l	99
94) Hexachlorobutadiene	13.77	225	138260	47.85	ug/l	98
95) Naphthalene	13.83	128	781833	45.44	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	285116	50.74	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

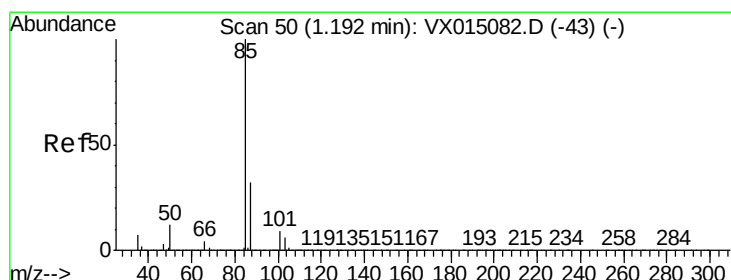
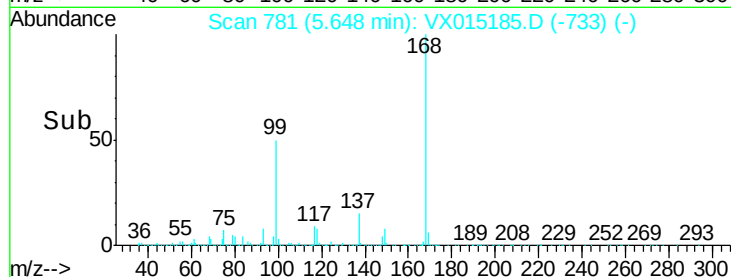
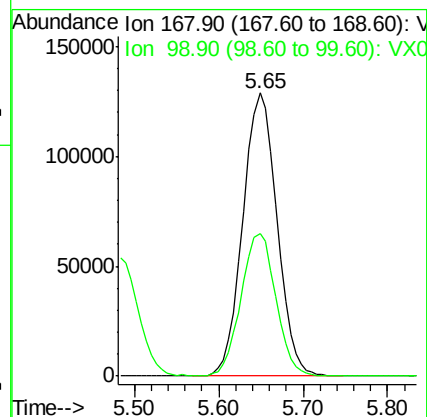
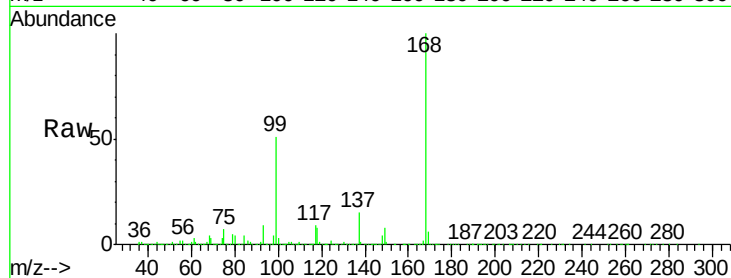
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.4	59.2

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 47.74 ug/l

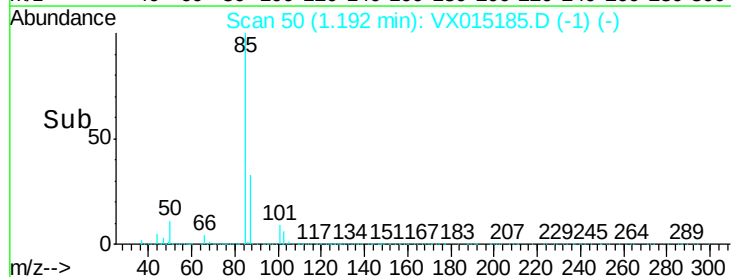
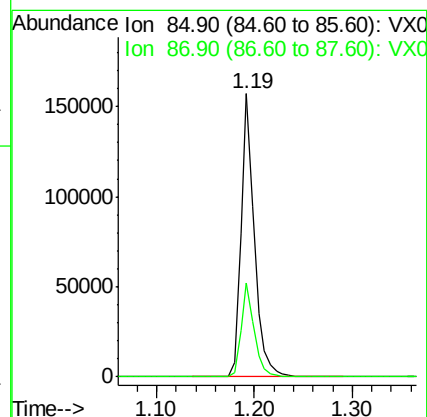
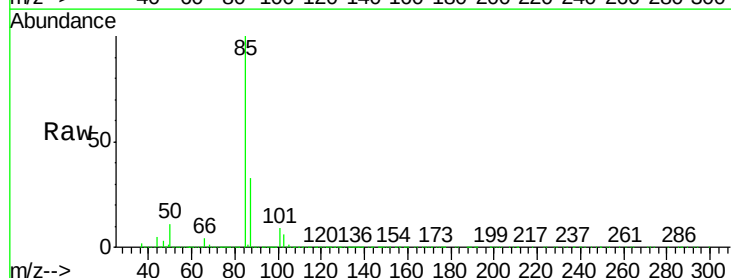
RT: 1.19 min Scan# 50

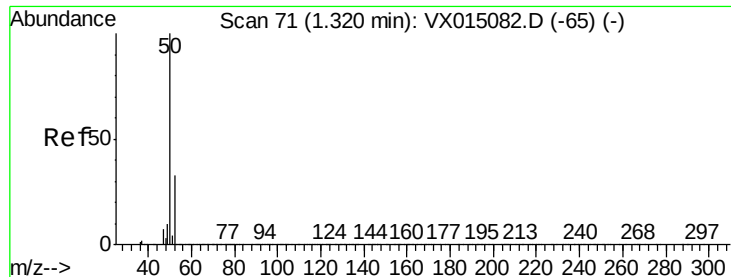
Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.2	48.5





#3

Chloromethane

Concen: 44.95 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 197101

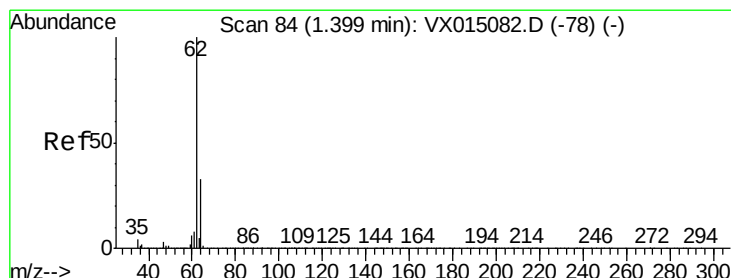
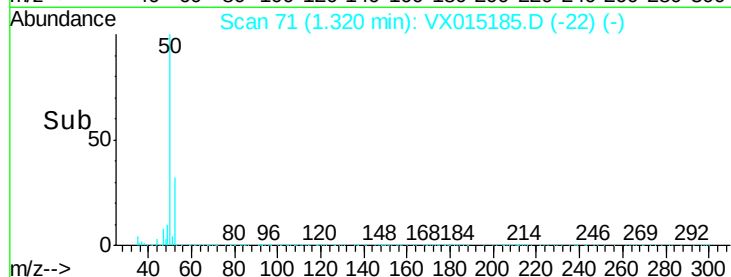
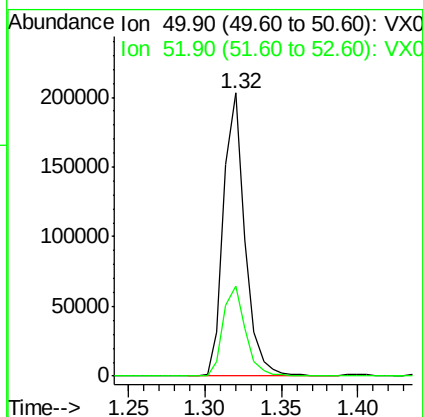
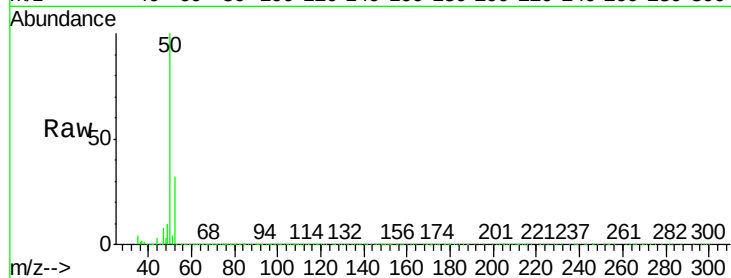
Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 45.22 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015185.D

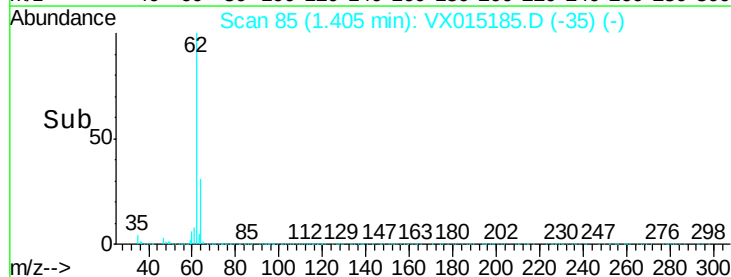
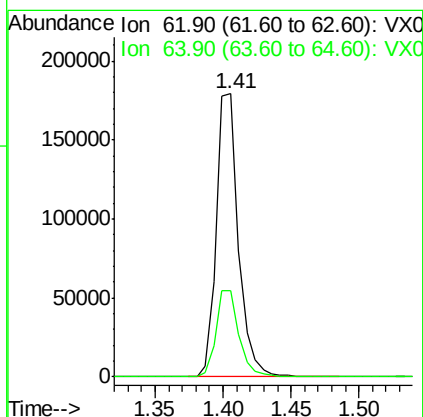
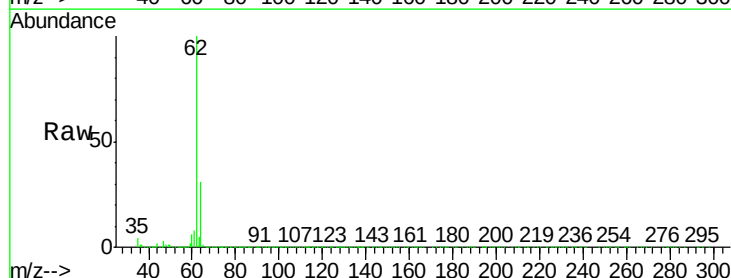
Acq: 11 Mar 2020 08:53

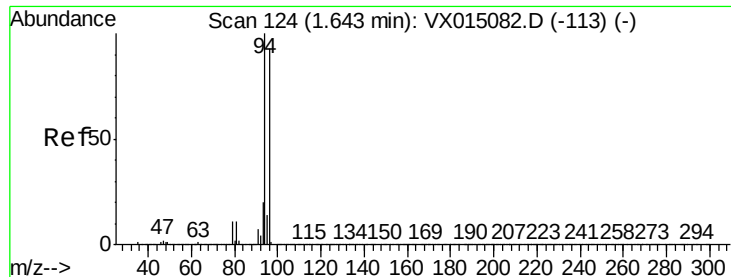
Tgt Ion: 62 Resp: 201047

Ion Ratio Lower Upper

62 100

64 30.5 26.1 39.1





#5

Bromomethane

Concen: 41.67 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 113898

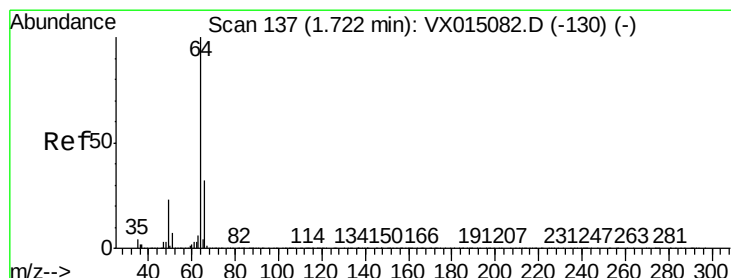
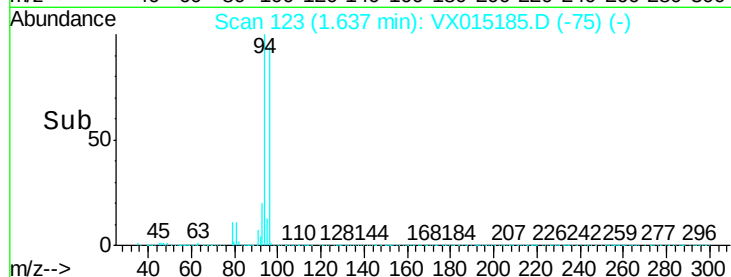
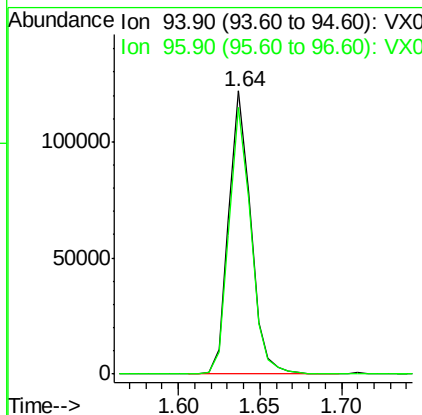
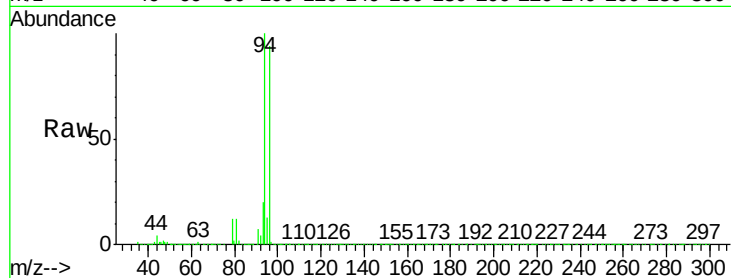
Ion Ratio Lower Upper

94 100

96 94.0 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 44.06 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015185.D

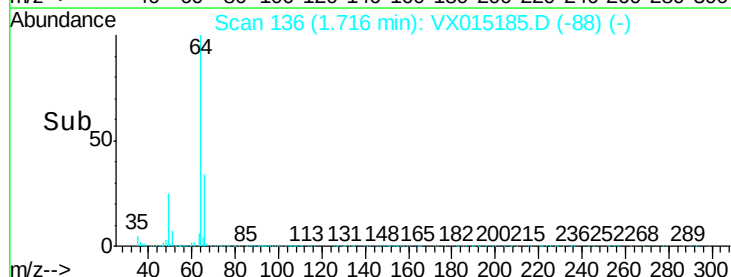
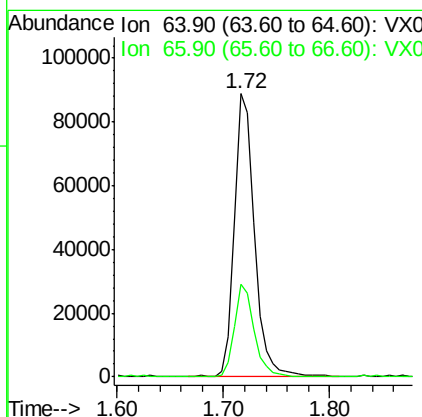
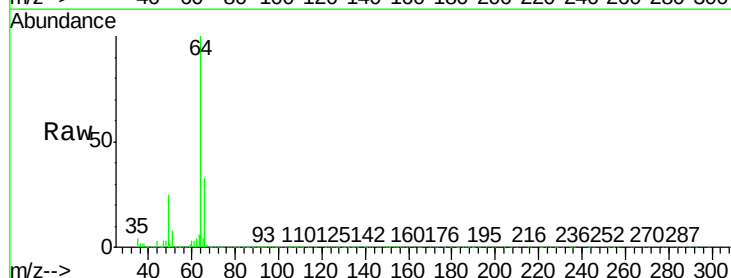
Acq: 11 Mar 2020 08:53

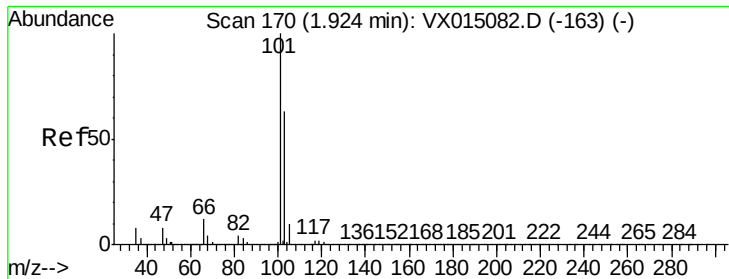
Tgt Ion: 64 Resp: 117514

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.8





#7

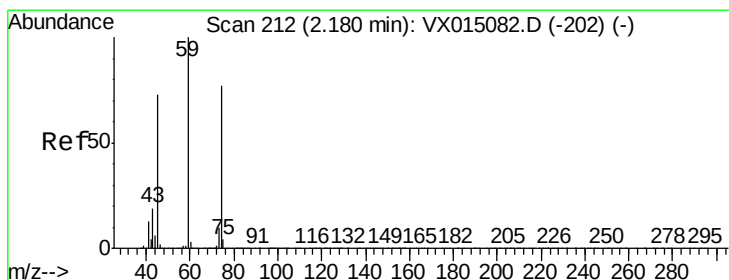
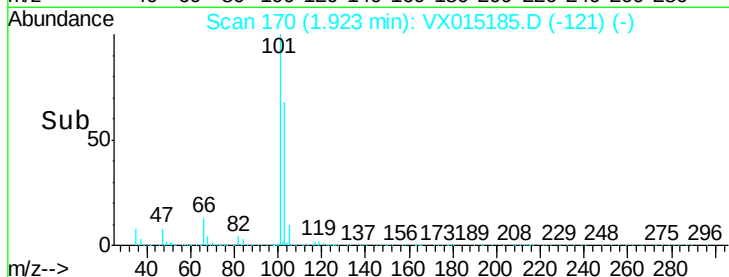
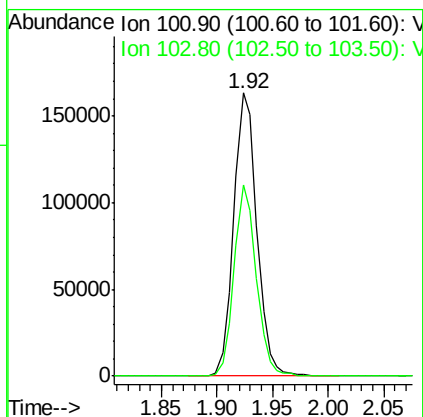
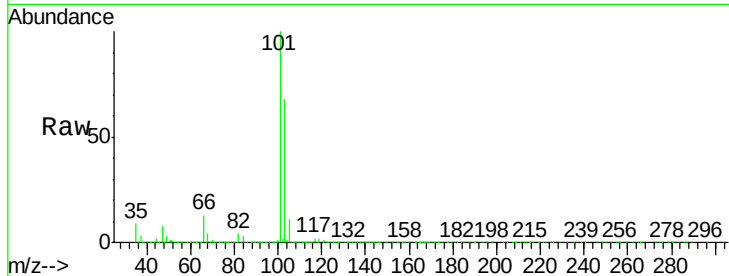
Trichlorofluoromethane
Concen: 44.44 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

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ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.6	50.4	75.6

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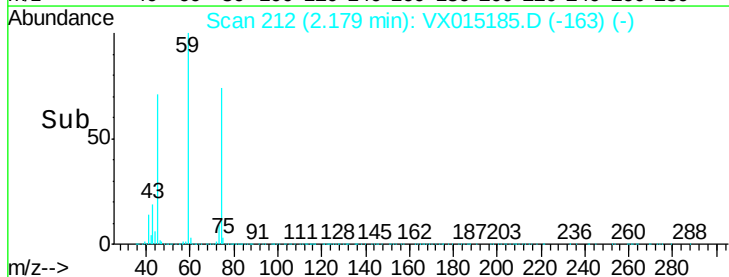
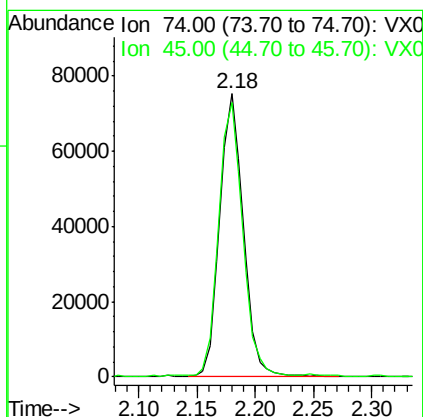
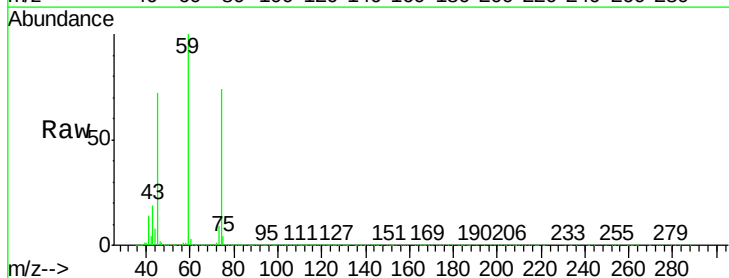
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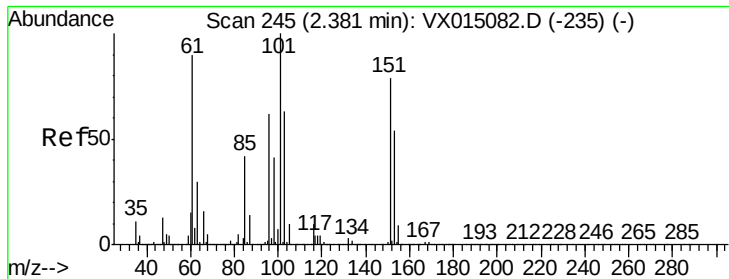


#8

Diethyl Ether
Concen: 44.15 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.14 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

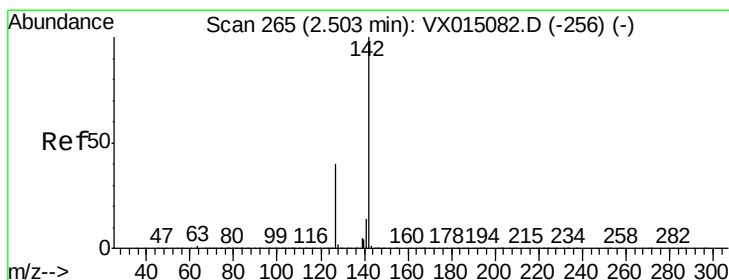
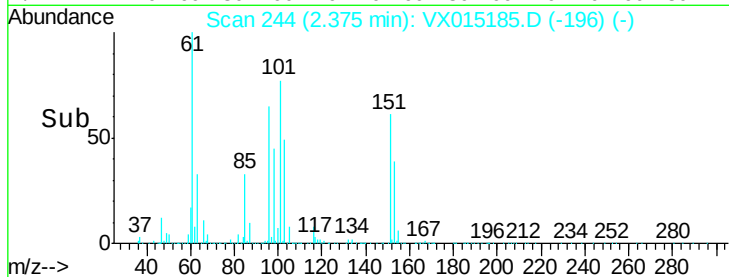
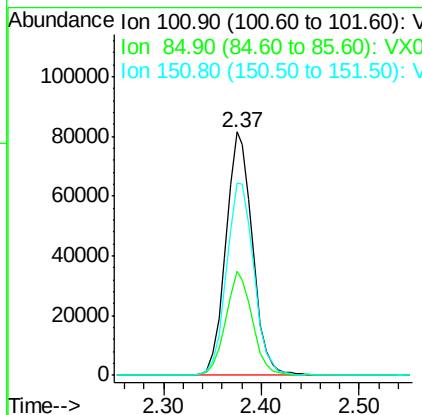
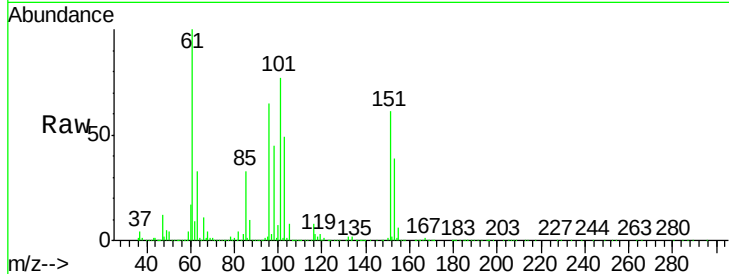
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	153587
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.7	50.5
151	81.1	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 42.48 ug/l

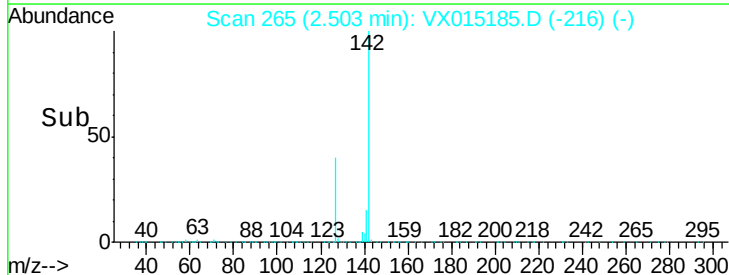
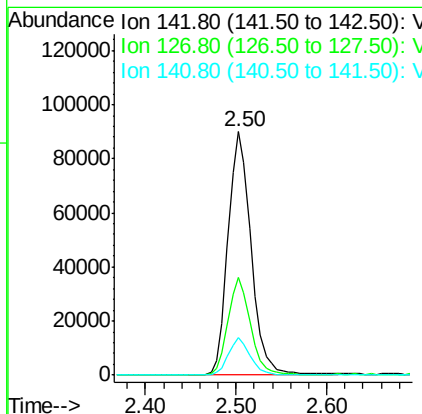
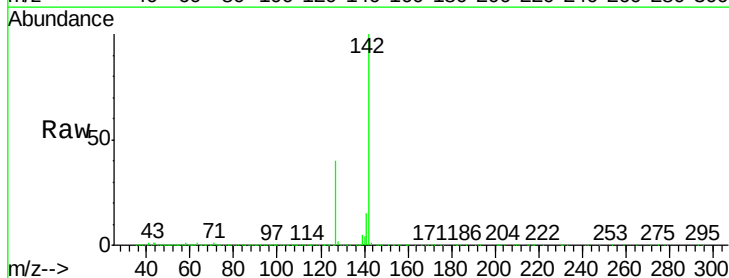
RT: 2.50 min Scan# 265

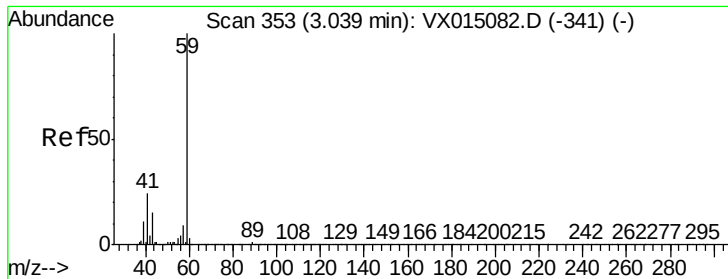
Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	142	Resp:	159732
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.7	47.5
141	14.4	11.3	16.9





#11

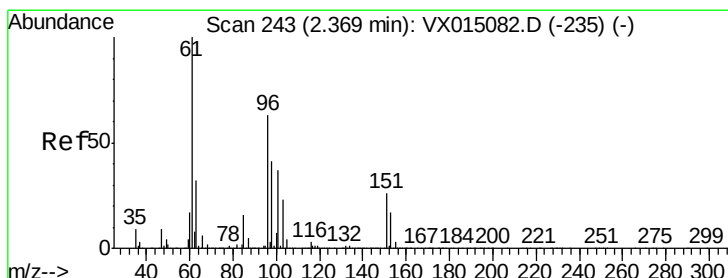
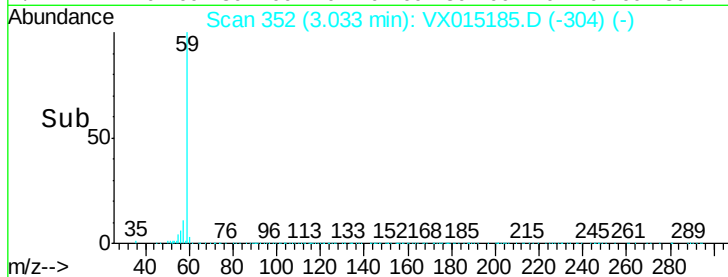
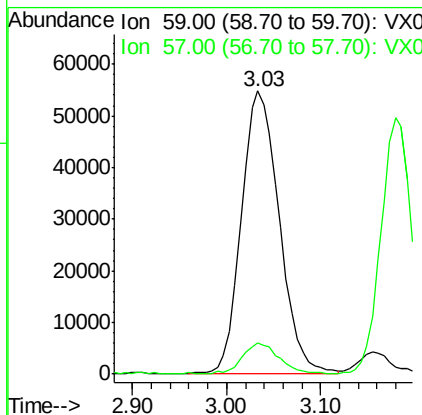
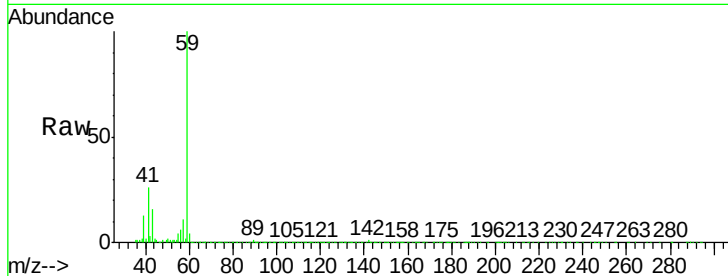
Tert butyl alcohol
Concen: 209.41 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.2	12.4

Manual Integrations
APPROVED

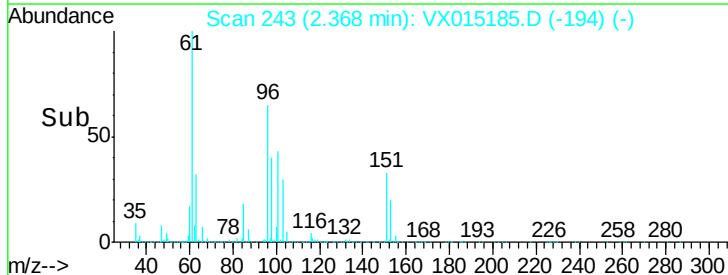
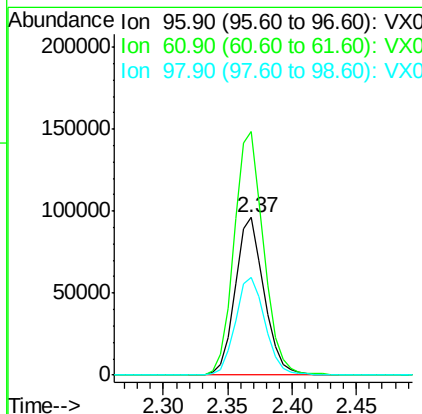
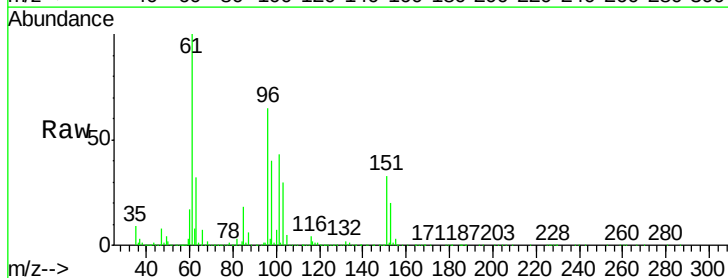
MMDadoda
3/12/2020 2:50:47 PM

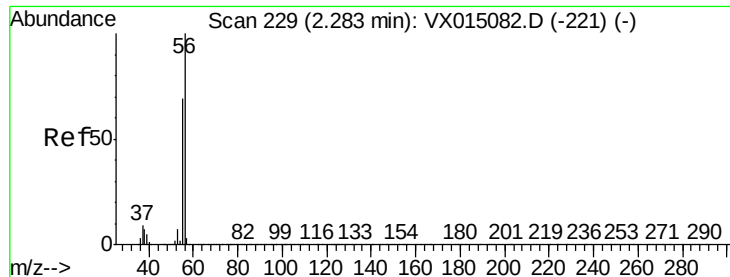


#12

1,1-Dichloroethene
Concen: 43.56 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	126.2	189.4
98	62.2	51.4	77.0





#13

Acrolein

Concen: 220.94 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 151083

Ion Ratio Lower Upper

56 100

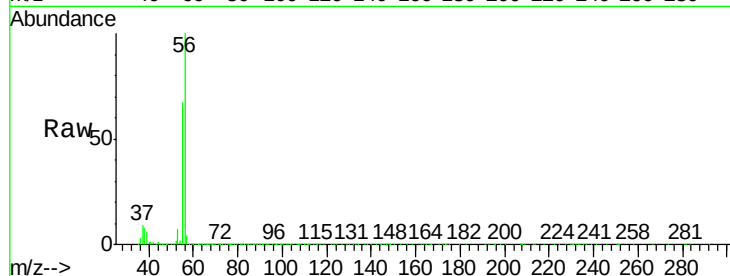
55 69.3 55.4 83.0

Manual Integrations

APPROVED

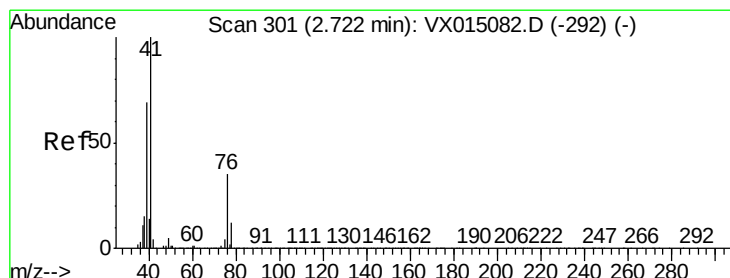
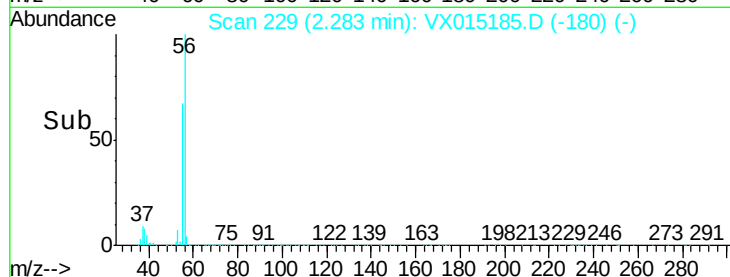
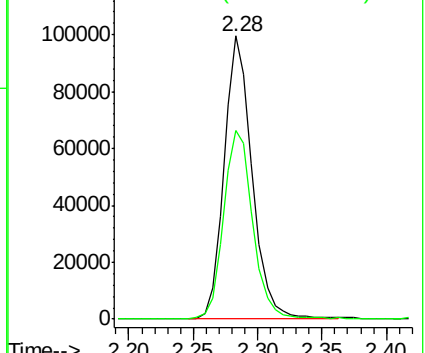
MMDadoda

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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: 46.46 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

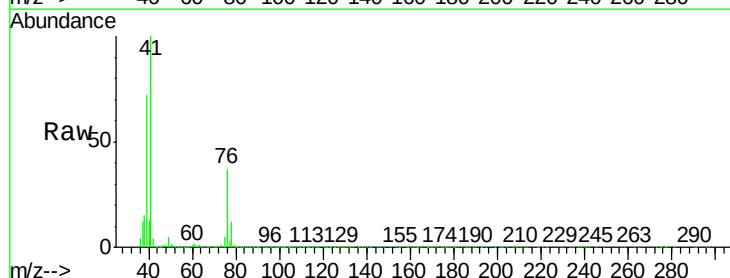
Tgt Ion: 41 Resp: 278287

Ion Ratio Lower Upper

41 100

39 67.0 52.9 79.3

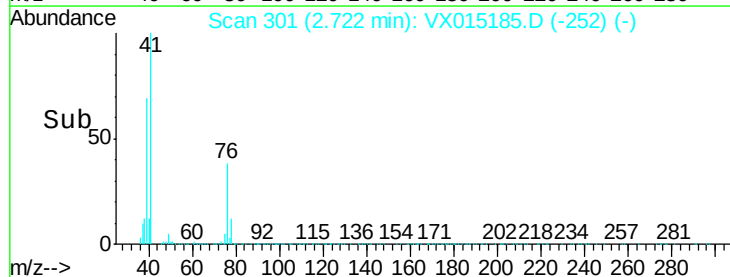
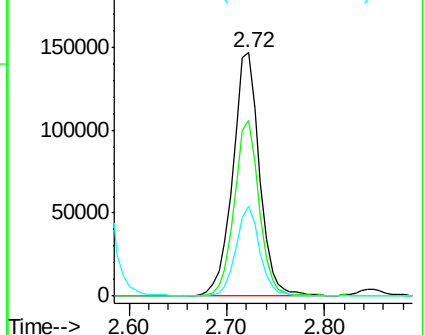
76 32.6 26.8 40.2

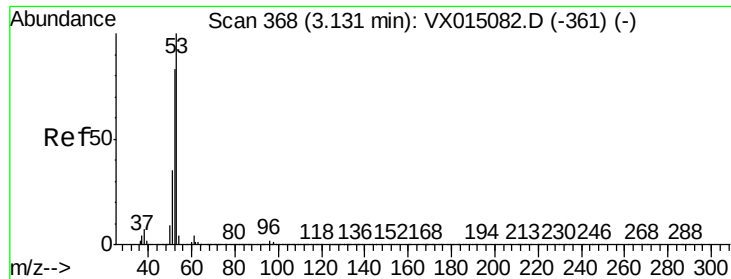


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





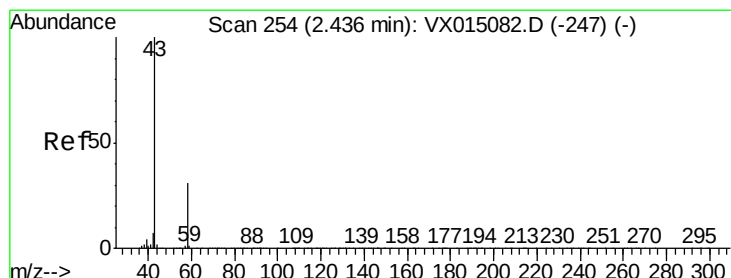
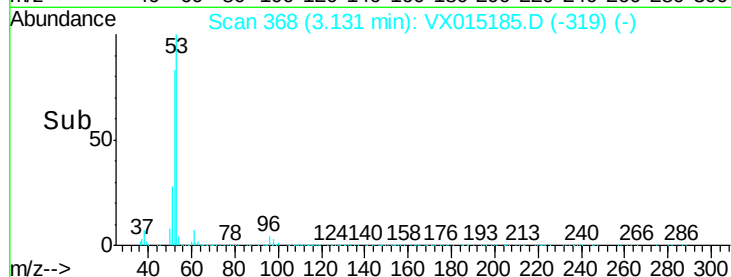
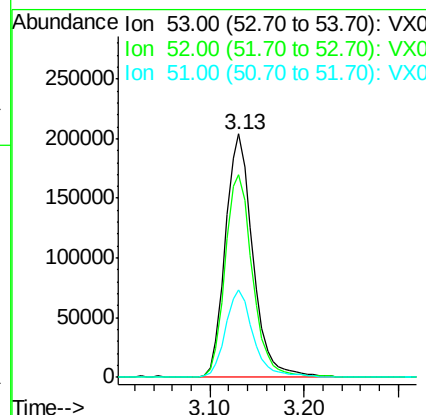
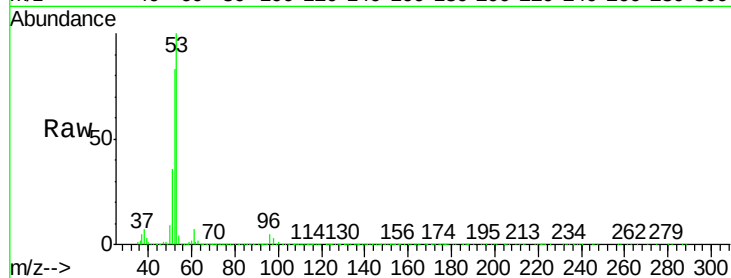
#15
Acrylonitrile
Concen: 226.12 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	100.0
51	36.8	29.0	43.6

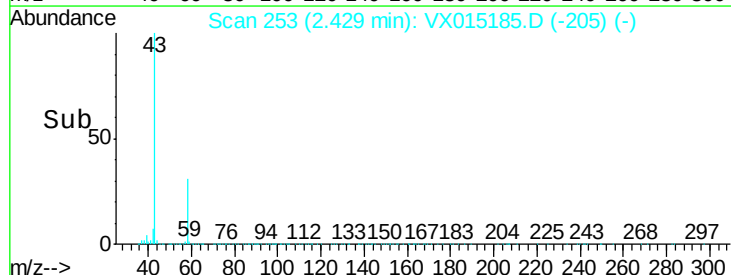
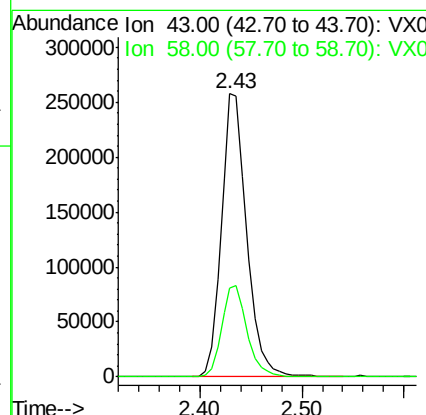
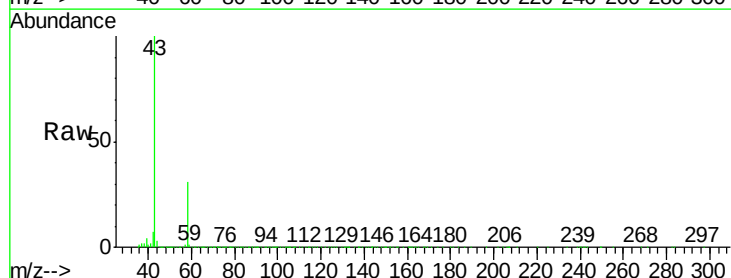
Manual Integrations
APPROVED

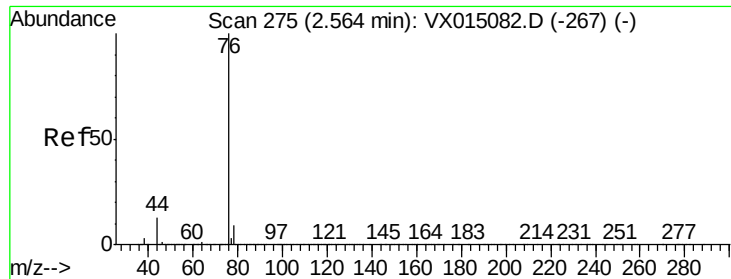
MMDadoda
3/12/2020 2:50:47 PM



#16
Acetone
Concen: 259.71 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.8	37.2





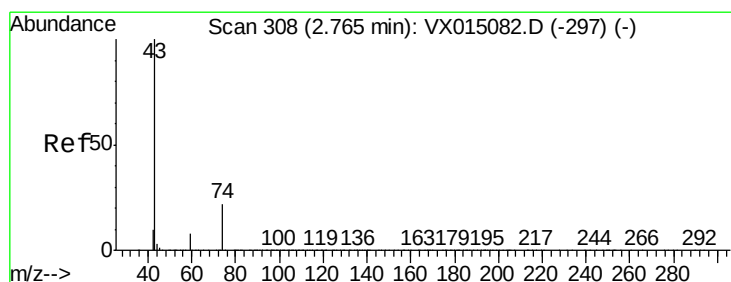
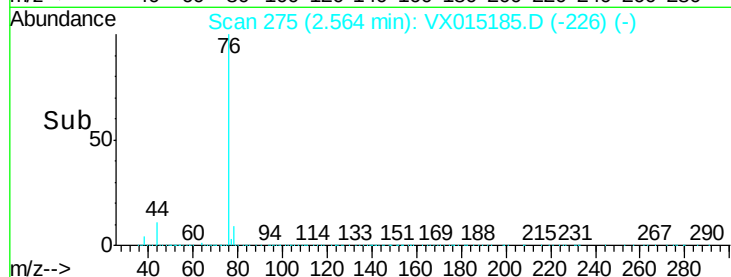
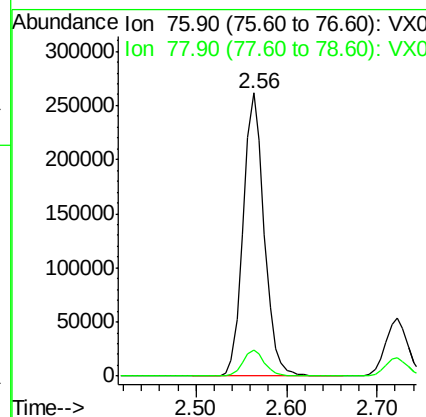
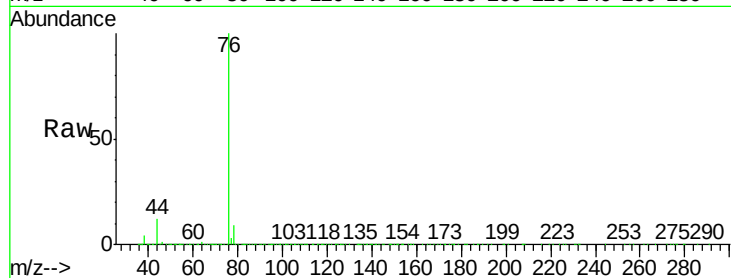
#17
Carbon Disulfide
Concen: 43.97 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

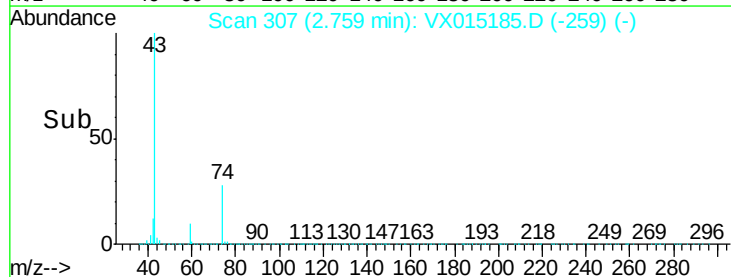
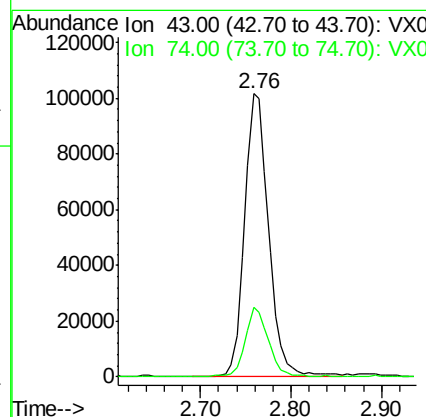
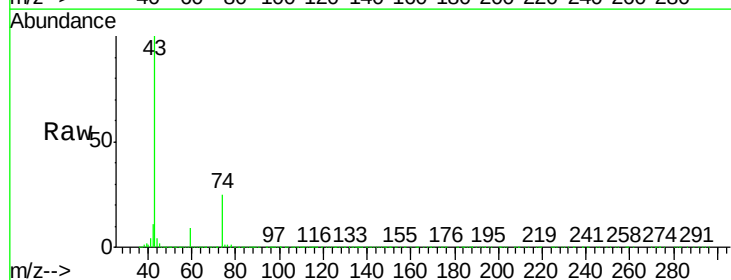
Manual Integrations
APPROVED

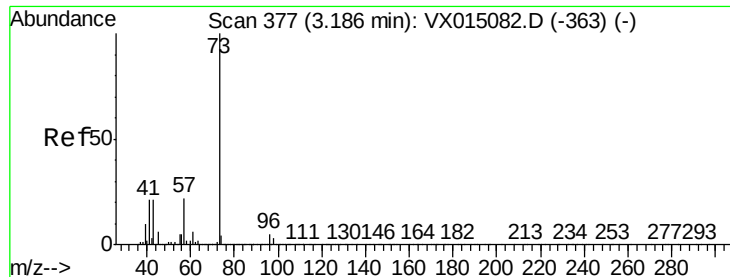
MMDadoda
3/12/2020 2:50:47 PM



#18
Methyl Acetate
Concen: 44.37 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.8	28.2





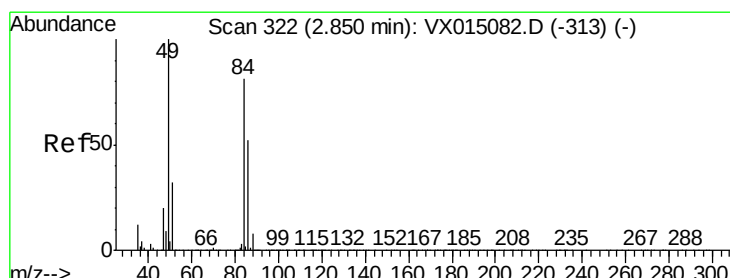
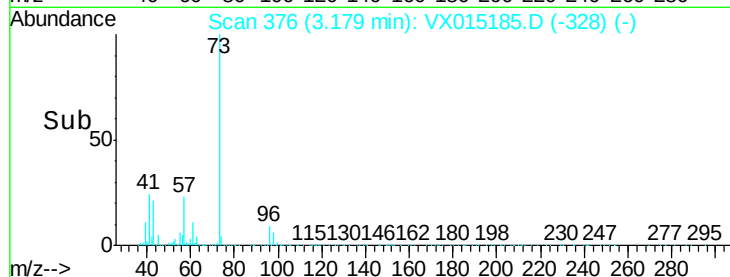
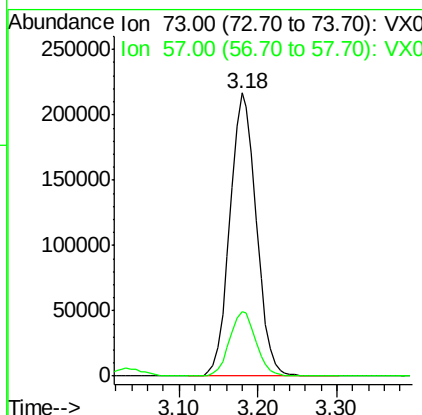
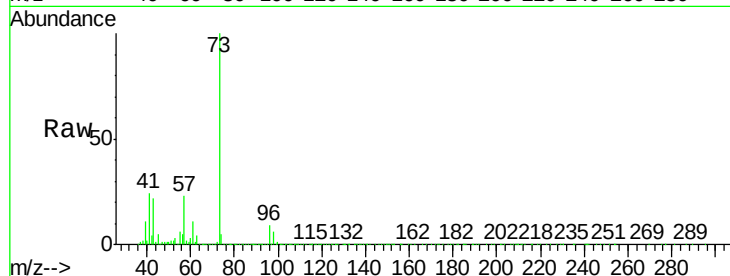
#19
Methyl tert-butyl Ether
Concen: 46.81 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.8	26.6

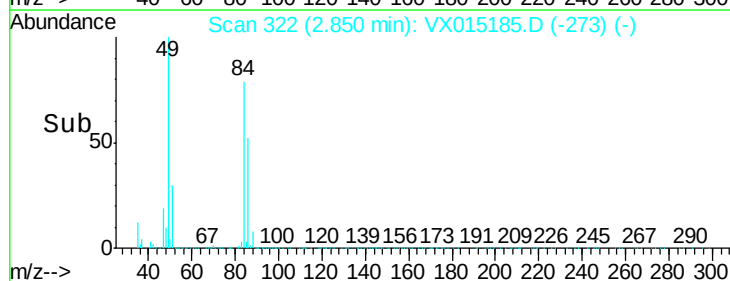
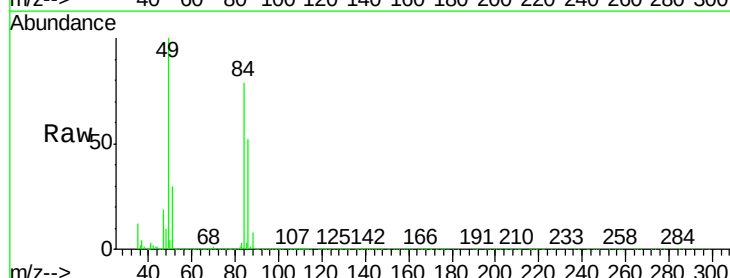
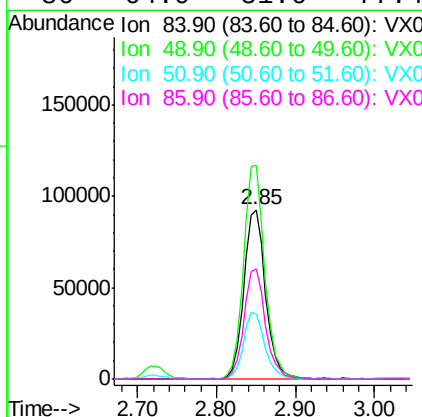
Manual Integrations
APPROVED

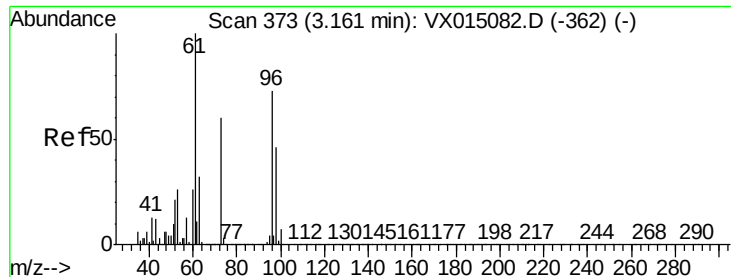
MMDadoda
3/12/2020 2:50:47 PM



#20
Methylene Chloride
Concen: 44.76 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.8	99.4	149.2
51	38.1	31.5	47.3
86	64.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 46.14 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

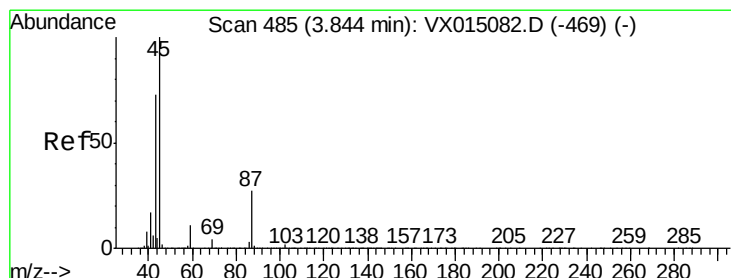
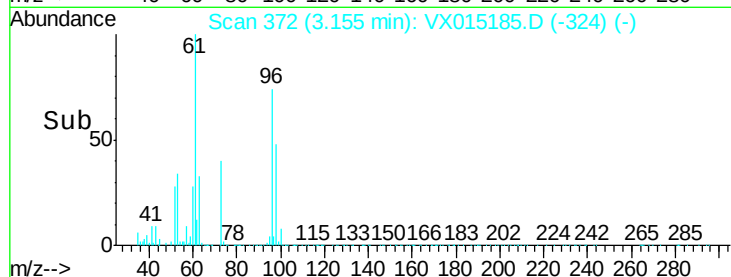
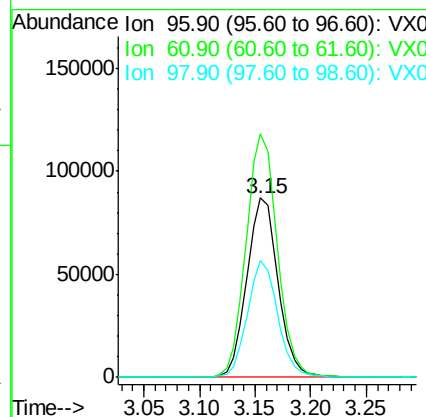
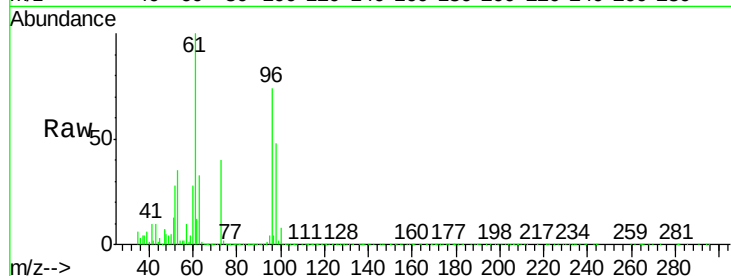
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	169227
Ion	Ratio	Lower	Upper
96	100		
61	135.7	109.9	164.9
98	65.2	50.2	75.2

Manual Integrations
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MMDadoda
3/12/2020 2:50:47 PM



#22

Diisopropyl ether

Concen: 48.34 ug/l

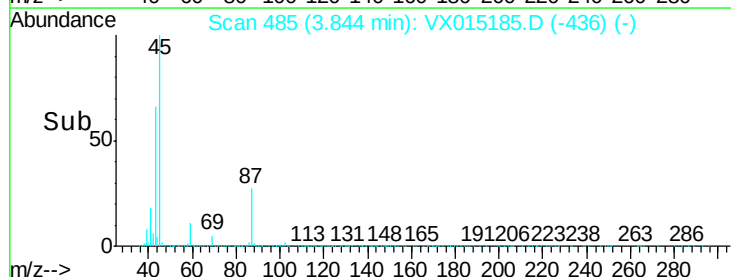
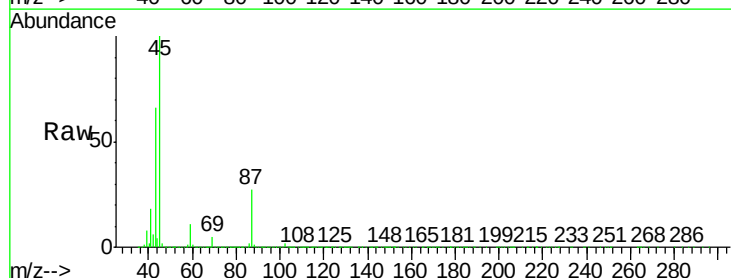
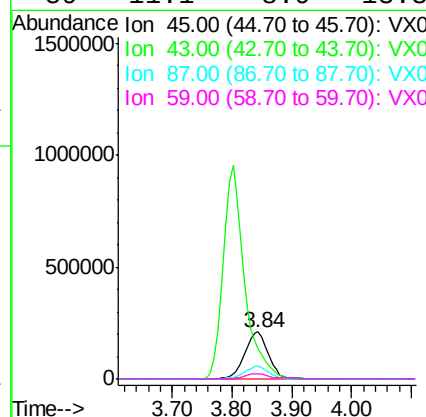
RT: 3.84 min Scan# 485

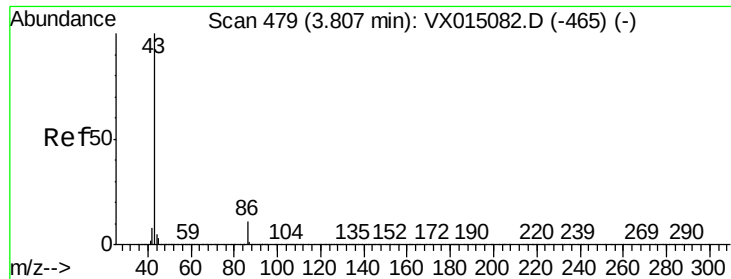
Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	45	Resp:	576883
Ion	Ratio	Lower	Upper
45	100		
43	65.7	58.2	87.2
87	27.0	21.2	31.8
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 242.93 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2383118

Ion Ratio Lower Upper

43 100

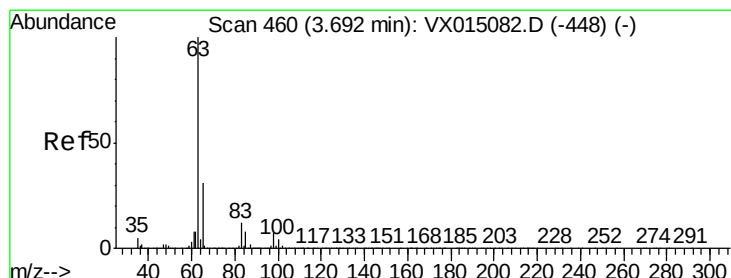
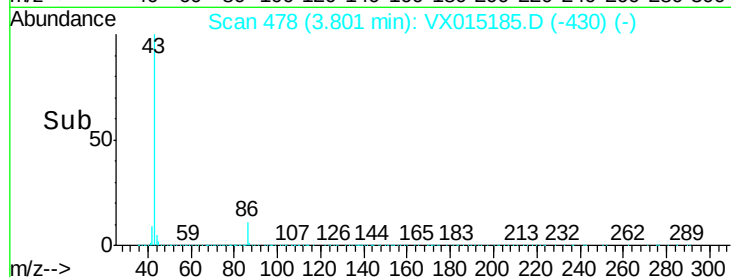
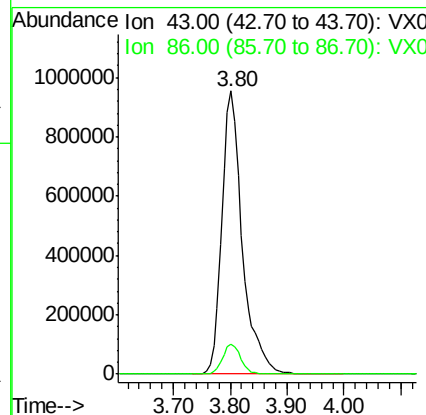
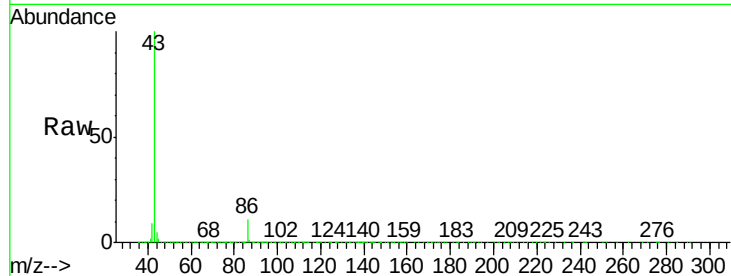
86 10.6 8.6 12.8

Manual Integrations

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3/12/2020 2:50:47 PM



#24

1,1-Dichloroethane

Concen: 46.48 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

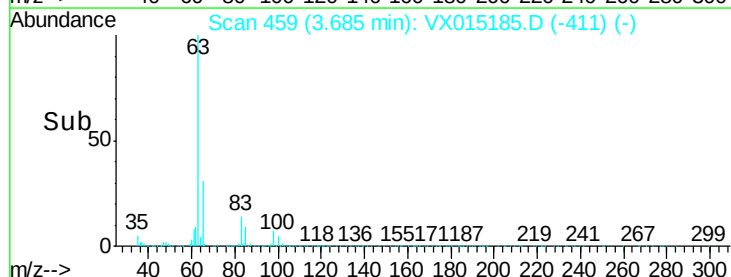
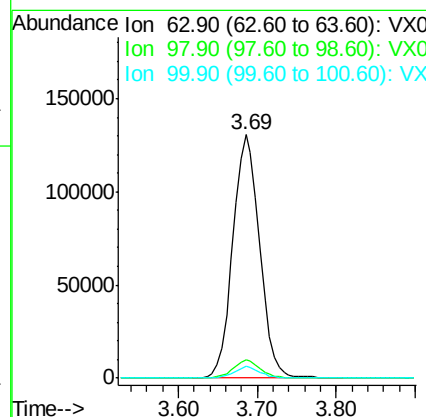
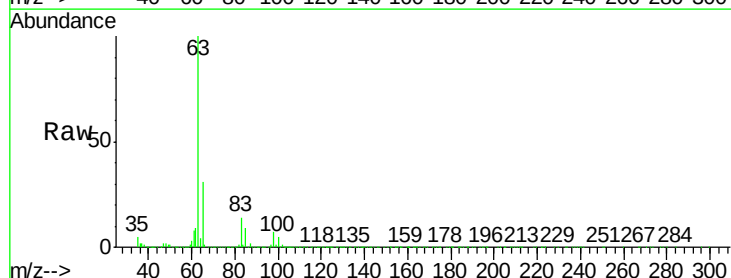
Tgt Ion: 63 Resp: 307879

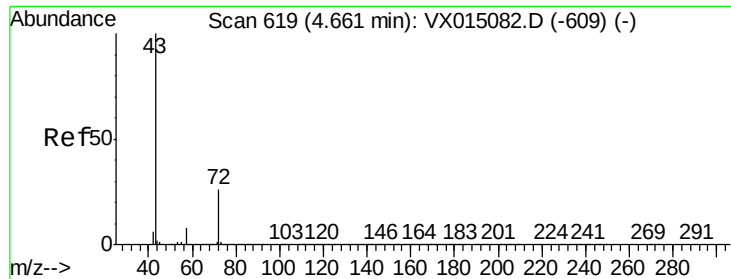
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 248.37 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 617583

Ion Ratio Lower Upper

43 100

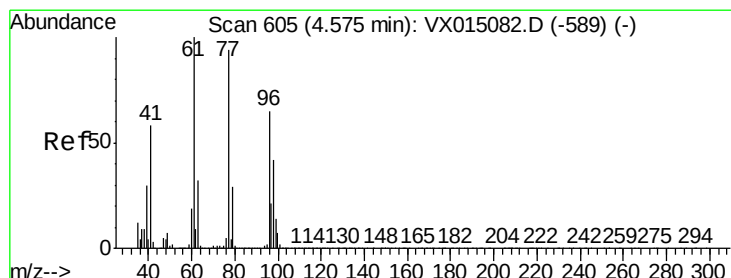
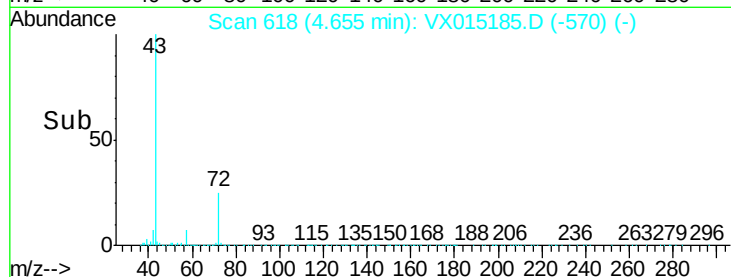
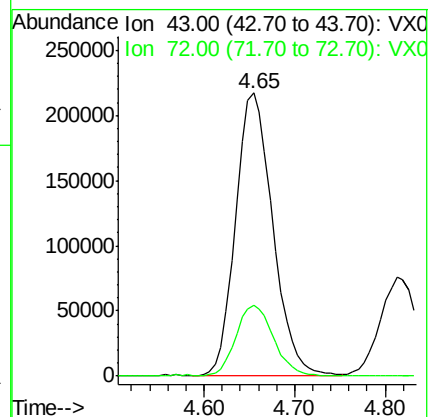
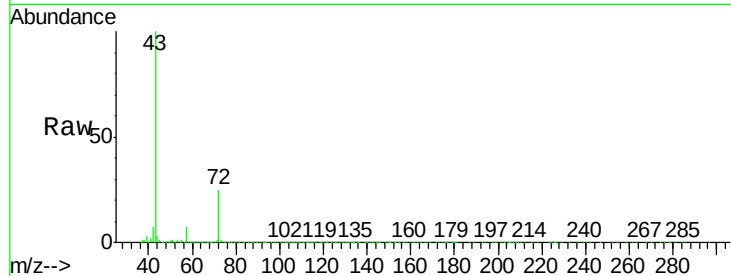
72 24.7 20.6 30.8

Manual Integrations

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MMDadoda

3/12/2020 2:50:47 PM



#26

2,2-Dichloropropane

Concen: 47.07 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015185.D

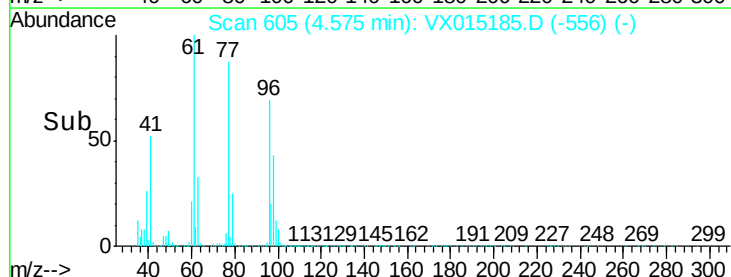
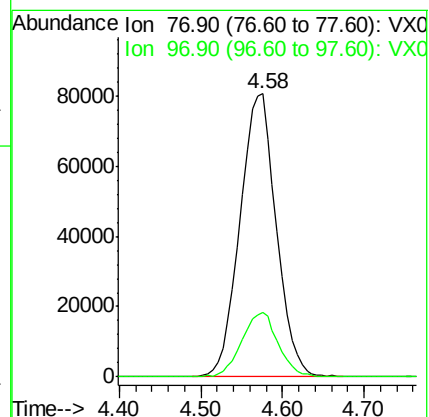
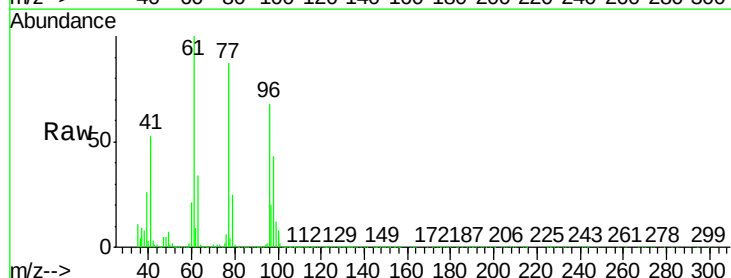
Acq: 11 Mar 2020 08:53

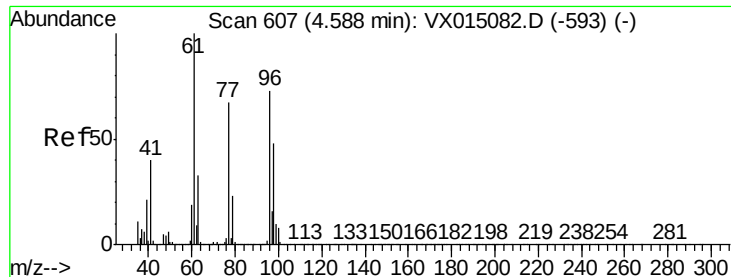
Tgt Ion: 77 Resp: 247474

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 46.47 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

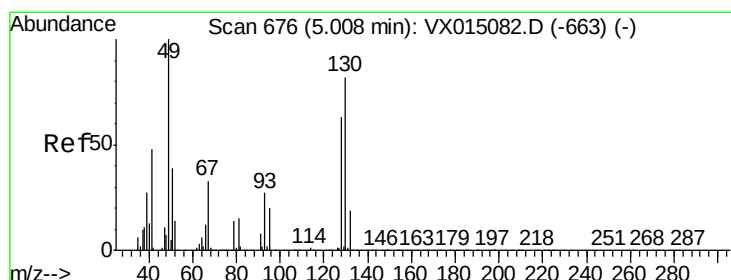
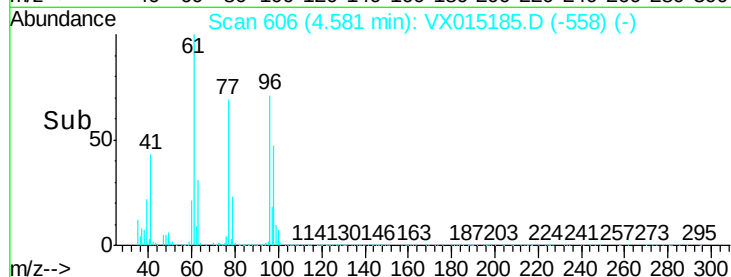
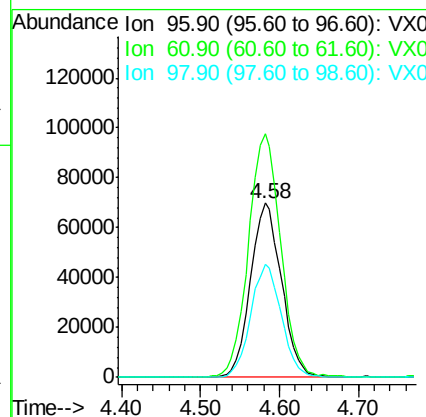
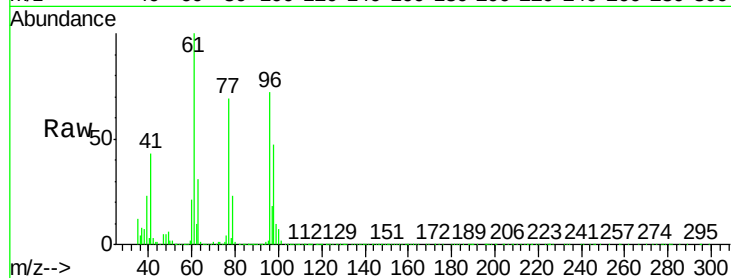
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	191241
Ion Ratio	Lower	Upper	
96	100		
61	144.6	0.0	286.8
98	63.6	0.0	128.4

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#28

Bromochloromethane

Concen: 50.97 ug/l

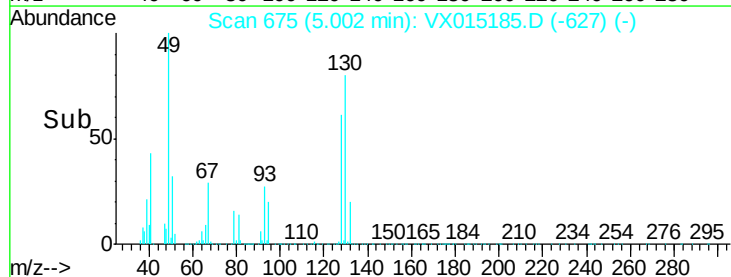
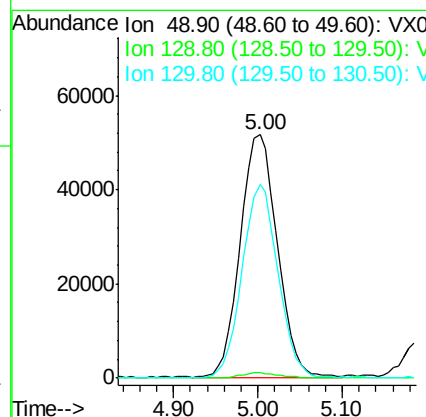
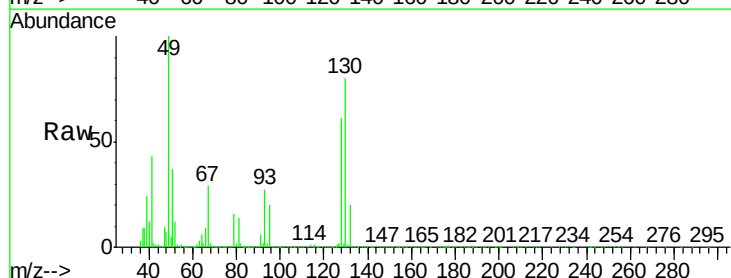
RT: 5.00 min Scan# 675

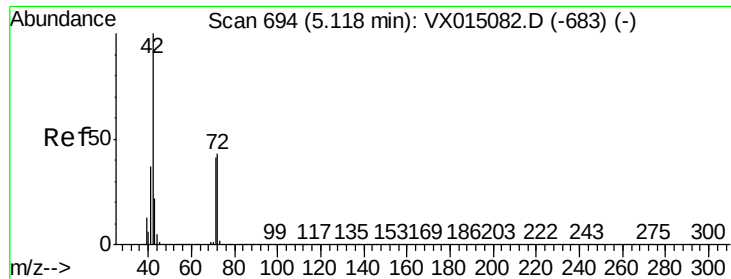
Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	49	Resp:	153716
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.4
130	77.2	65.0	97.6





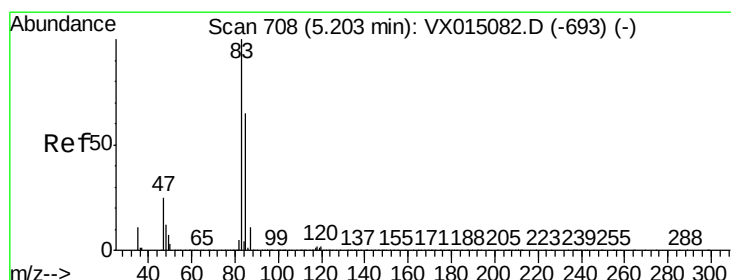
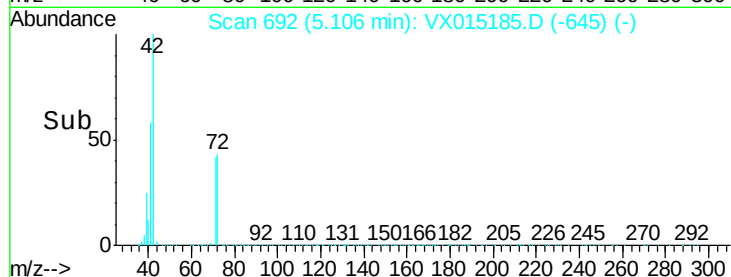
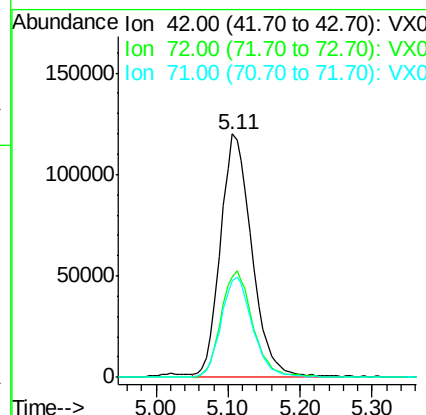
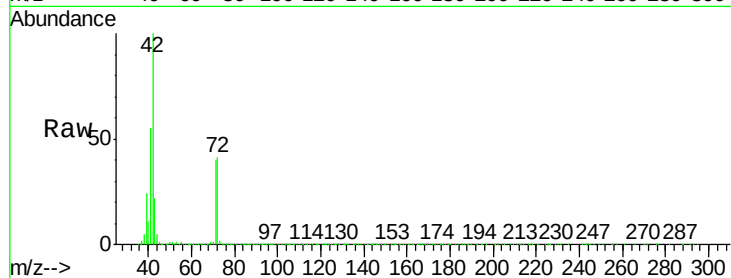
#29
Tetrahydrofuran
Concen: 224.20 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.4	54.6
71	41.2	33.3	49.9

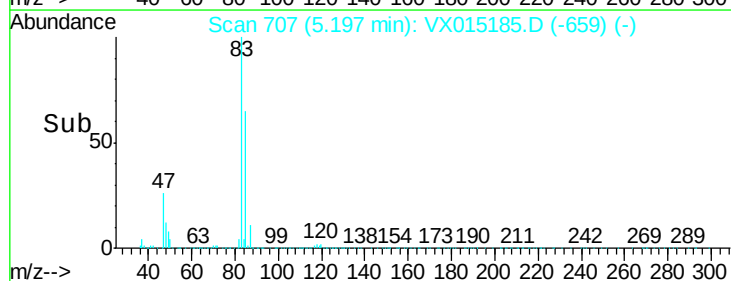
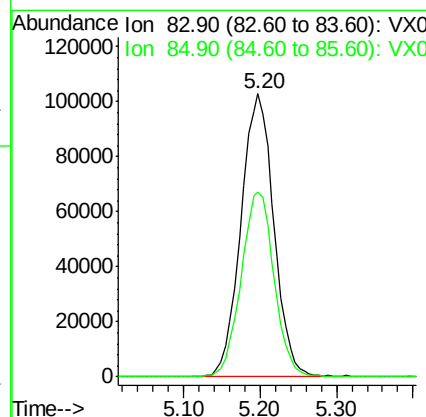
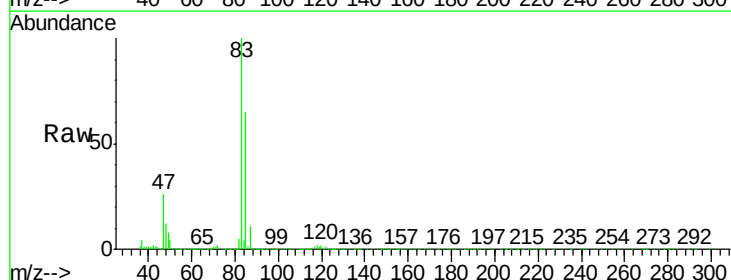
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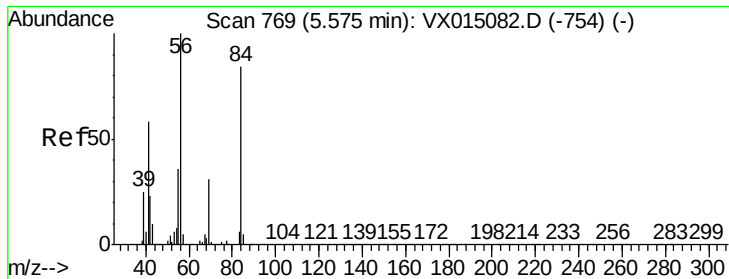
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#30
Chloroform
Concen: 47.33 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.0	78.0





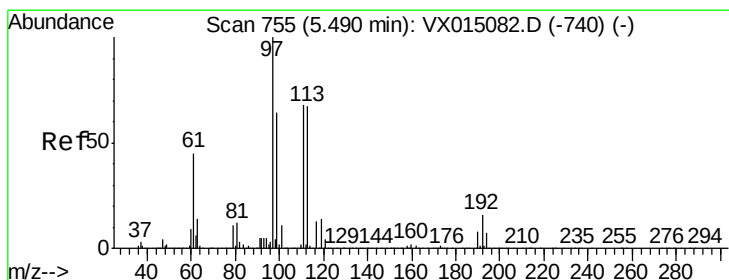
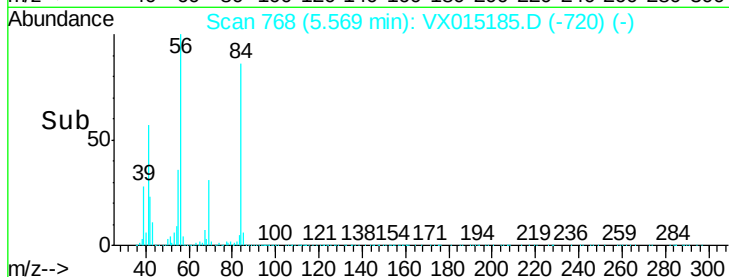
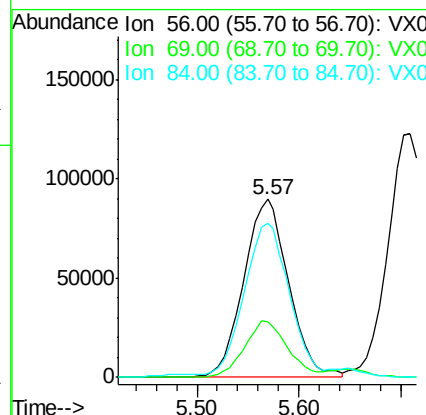
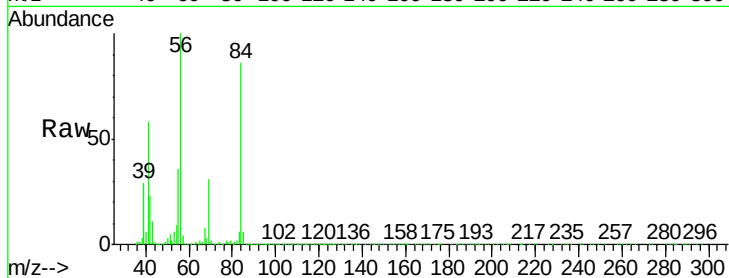
#31
Cyclohexane
Concen: 46.05 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.6
84	85.1	67.6	101.4

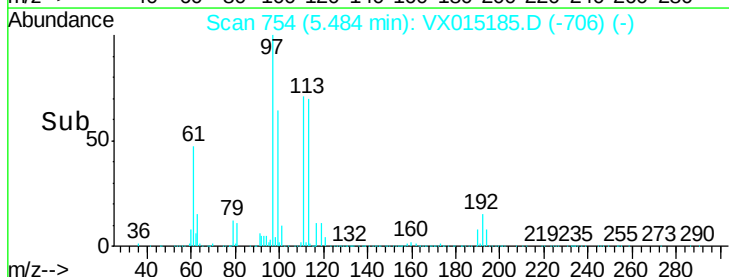
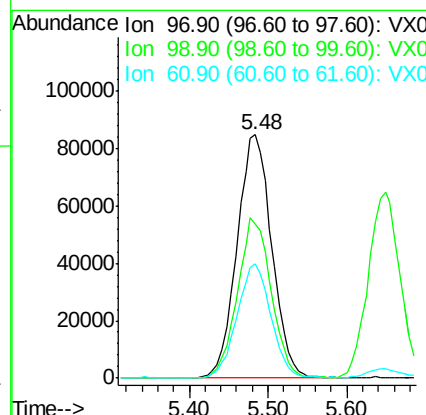
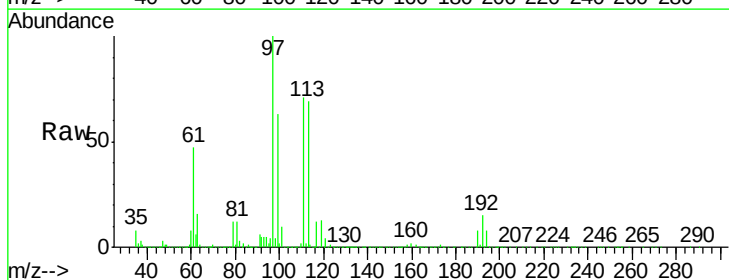
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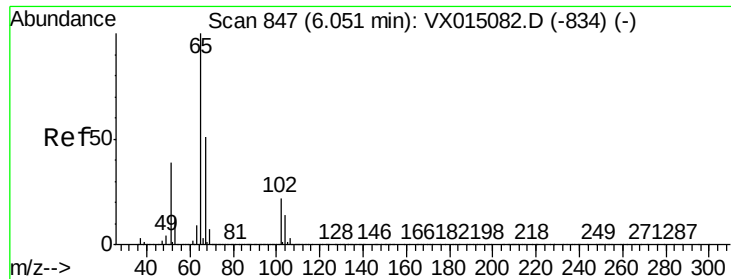
MMDadoda
3/12/2020 2:50:47 PM



#32
1,1,1-Trichloroethane
Concen: 48.37 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.8	79.2
61	46.4	36.6	54.8





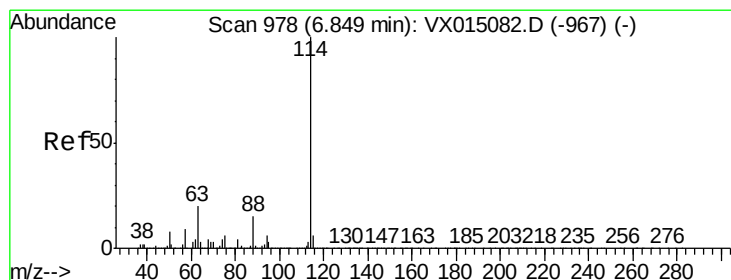
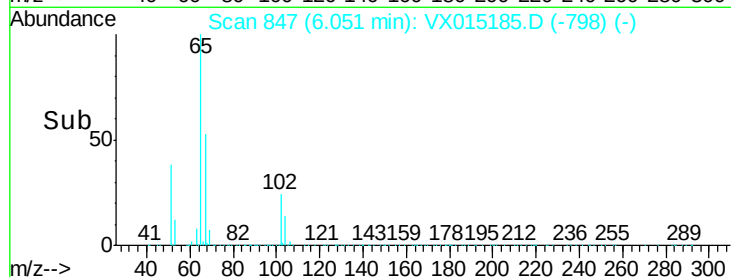
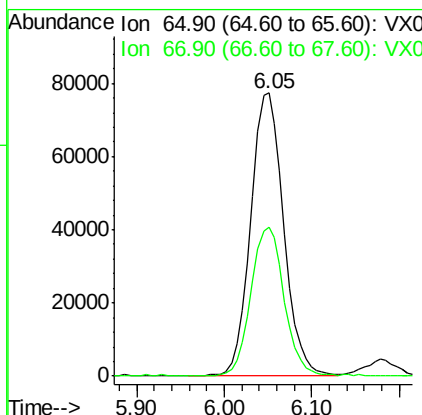
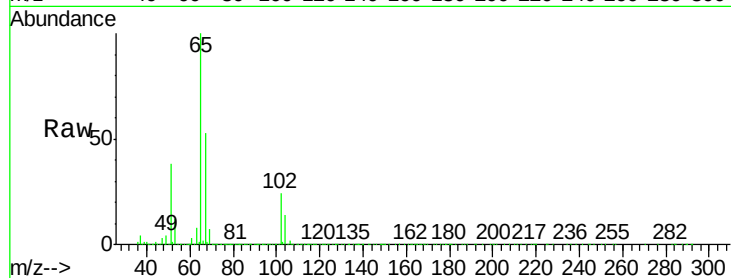
#33
 1,2-Dichloroethane-d4
 Concen: 48.21 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	202175		
67	52.6	0.0	105.6	

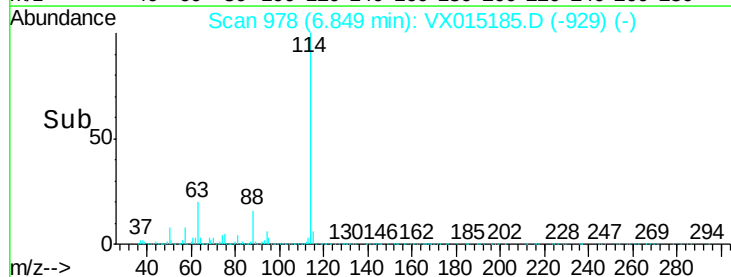
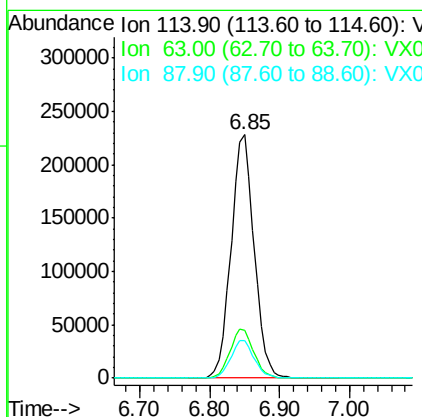
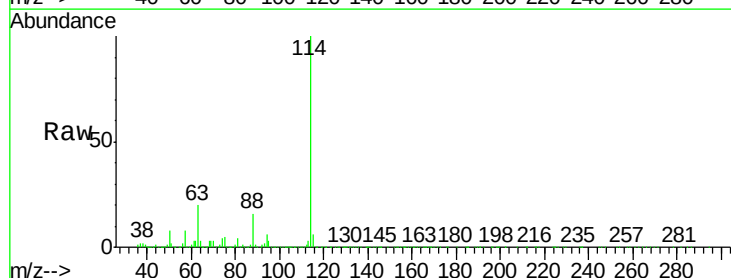
Manual Integrations
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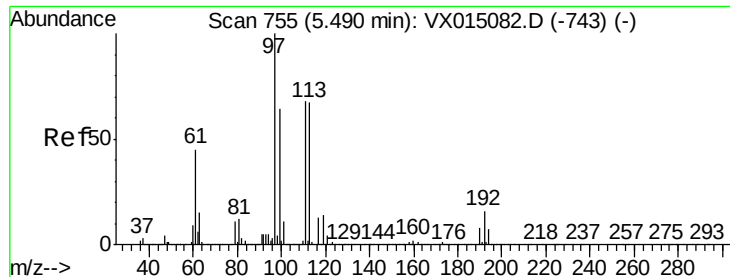
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	520593		
63	19.8	0.0	40.0	
88	15.6	0.0	30.6	





#35

Dibromofluoromethane

Concen: 50.23 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

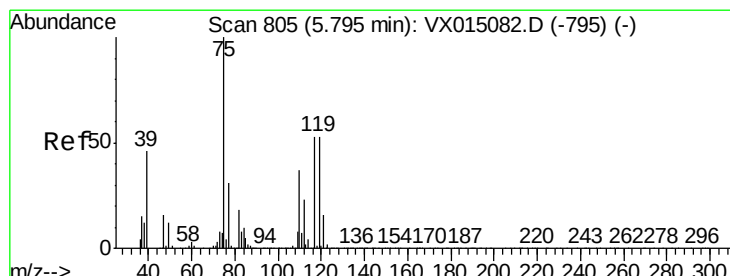
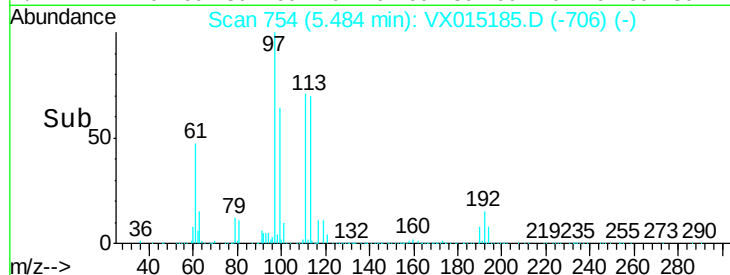
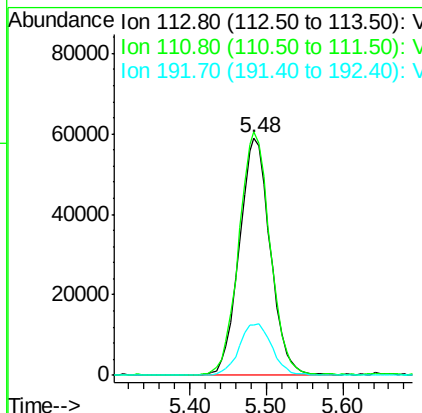
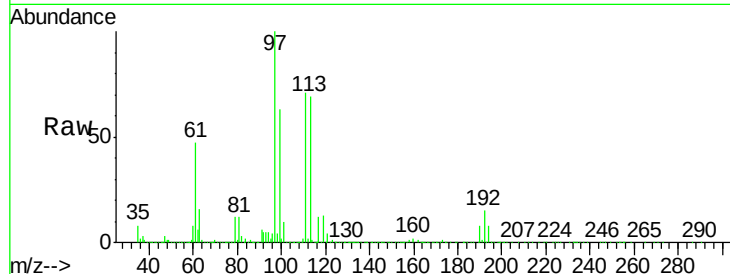
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	164972
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.6	123.8
192	23.2	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.98 ug/l

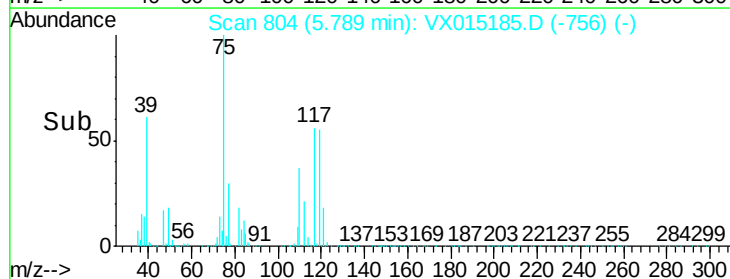
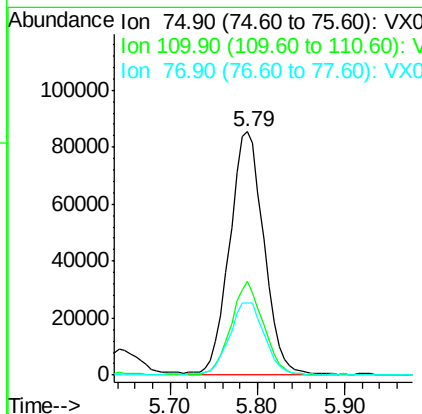
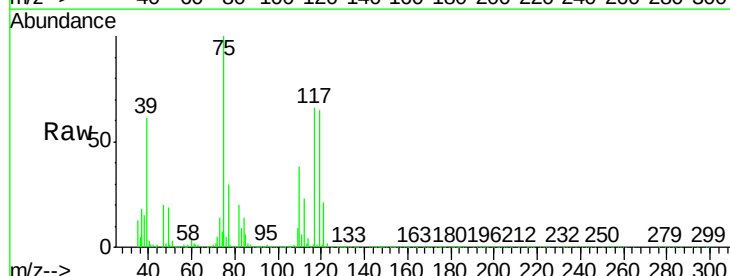
RT: 5.79 min Scan# 804

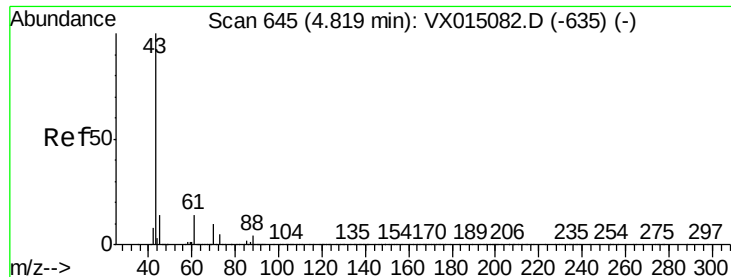
Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	75	Resp:	230899
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.9	53.8
77	30.5	24.8	37.2





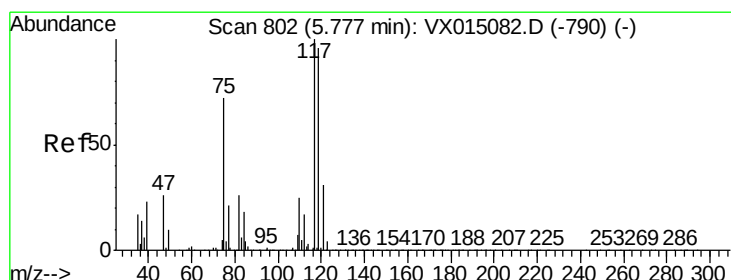
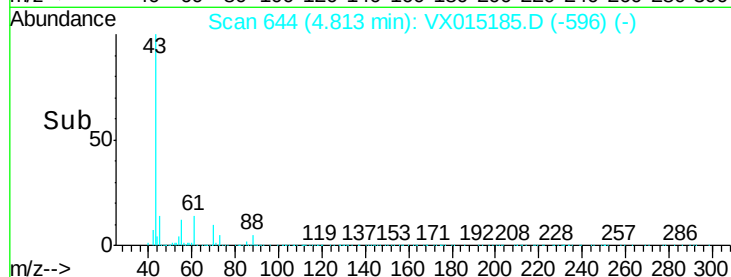
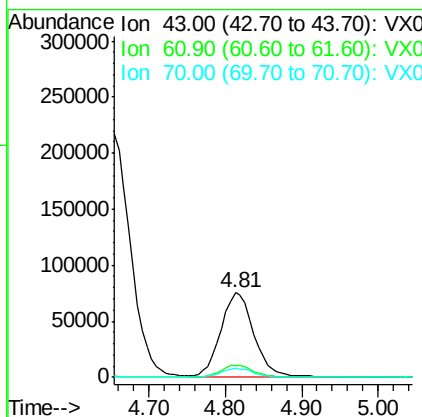
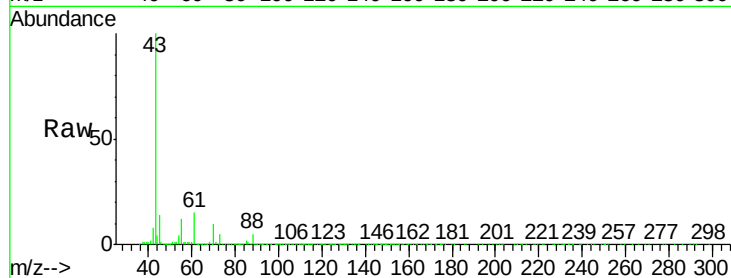
#37
Ethyl Acetate
Concen: 49.74 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.1	8.1	12.1

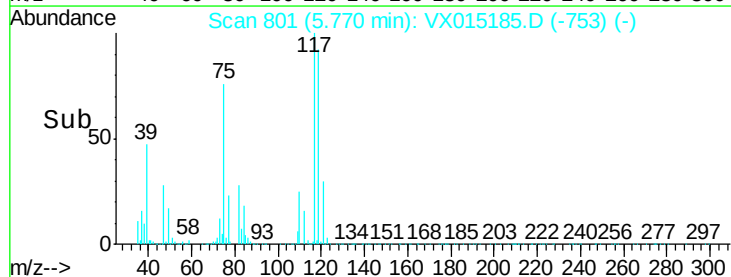
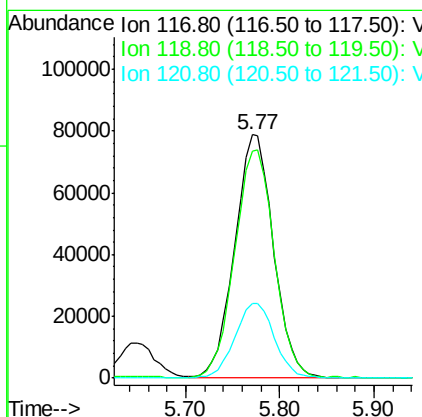
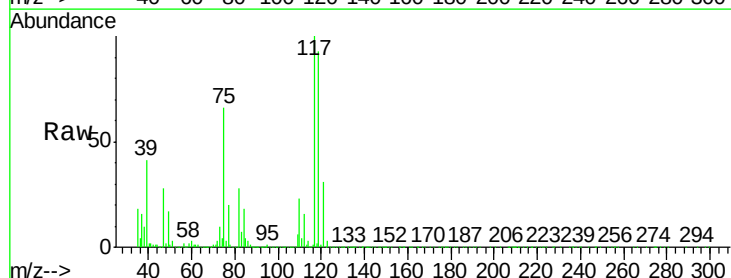
Manual Integrations
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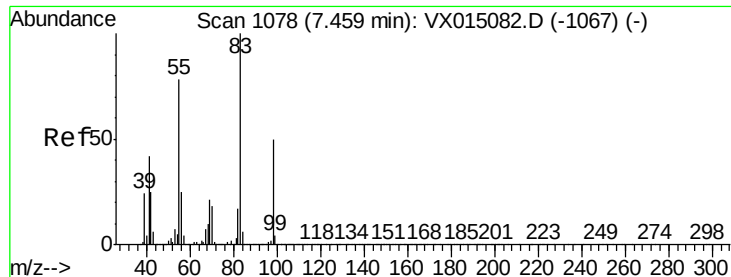
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#38
Carbon Tetrachloride
Concen: 49.70 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.9	115.3
121	30.5	24.6	37.0





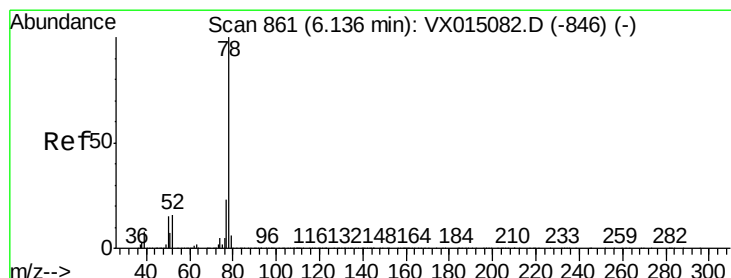
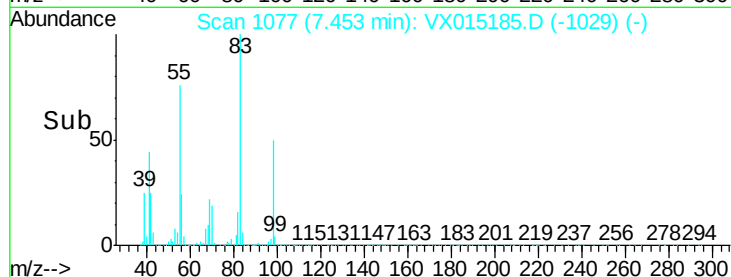
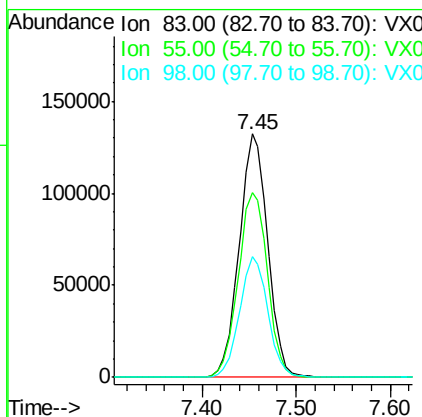
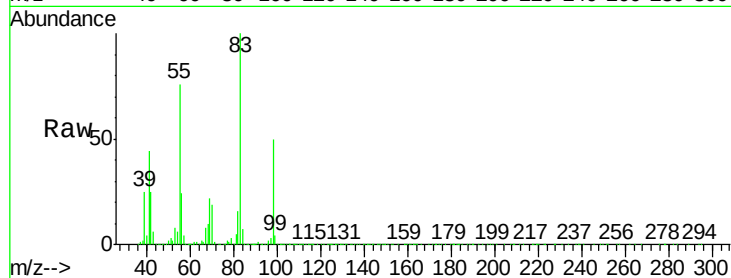
#39
Methylcyclohexane
Concen: 49.57 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	278569		
55	76.0	62.4	93.6	
98	49.5	39.7	59.5	

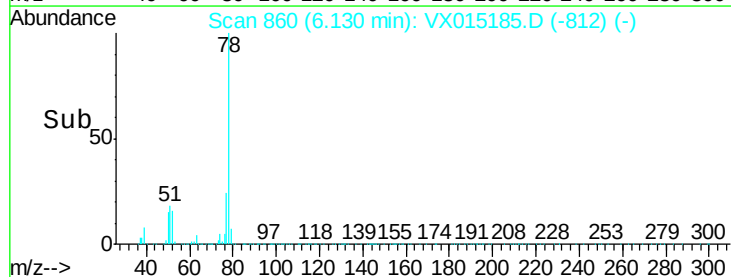
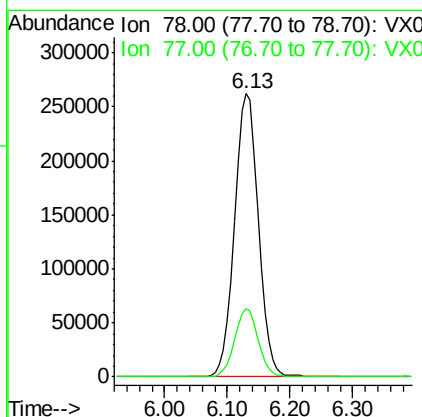
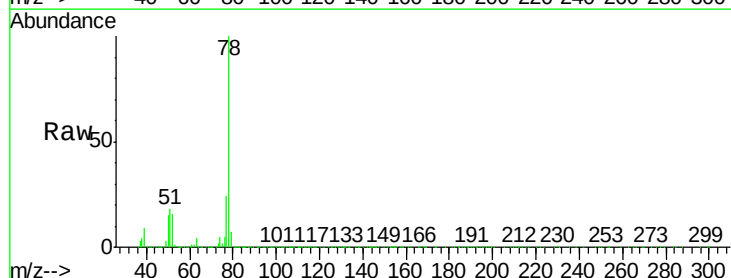
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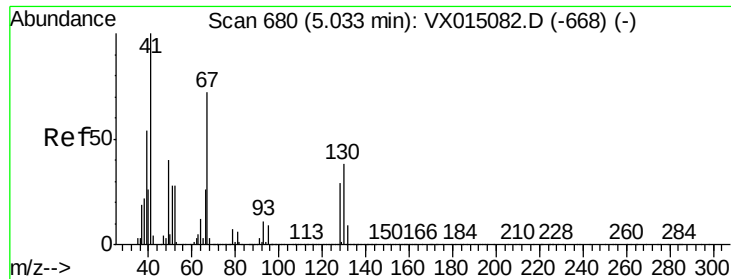
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3/12/2020 2:50:47 PM



#40
Benzene
Concen: 48.31 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	689726		
77	24.3	18.6	28.0	





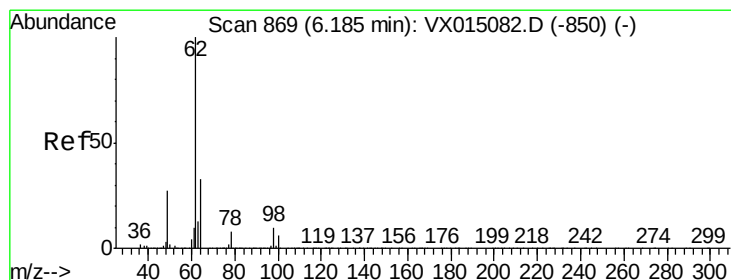
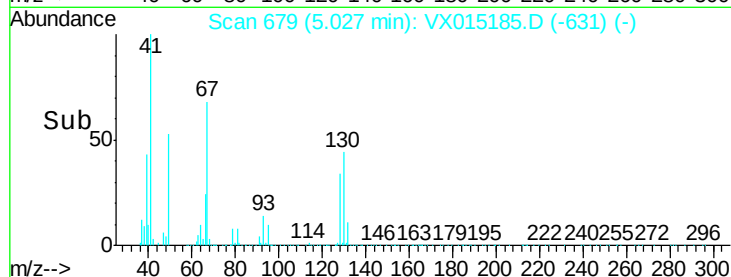
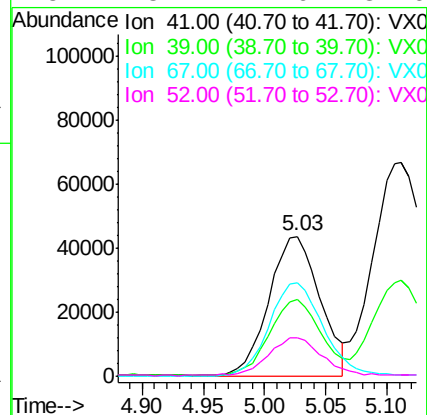
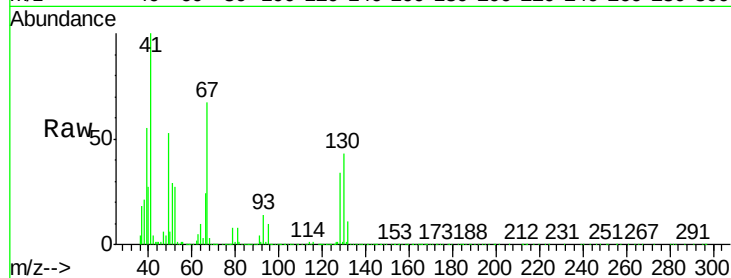
#41
Methacrylonitrile
Concen: 47.27 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	43.9	65.9	
67	70.3	57.8	86.8	
52	28.4	22.6	34.0	

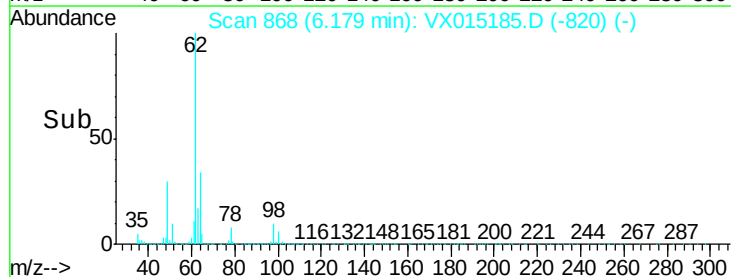
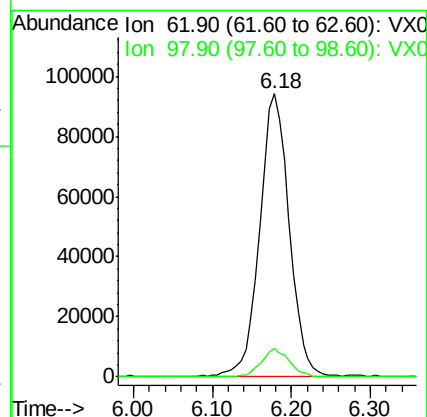
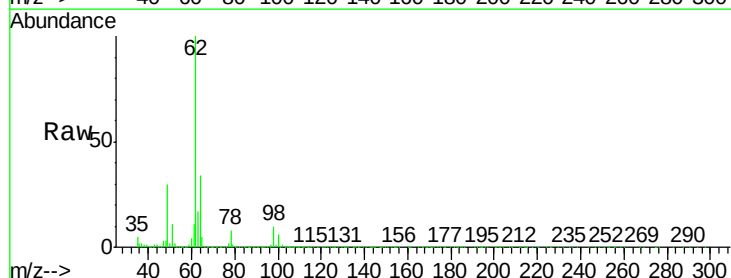
Manual Integrations
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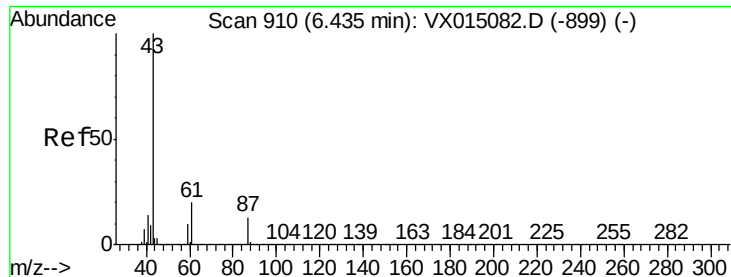
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#42
1,2-Dichloroethane
Concen: 49.96 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.6	





#43

Isopropyl Acetate

Concen: 47.53 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

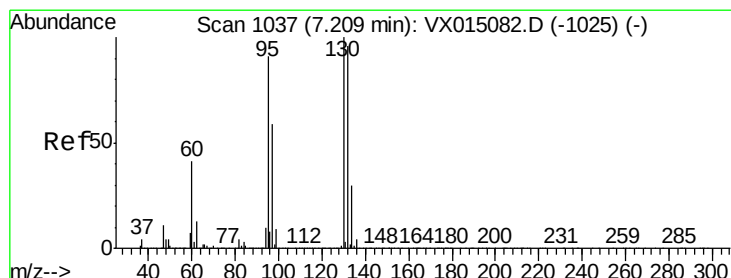
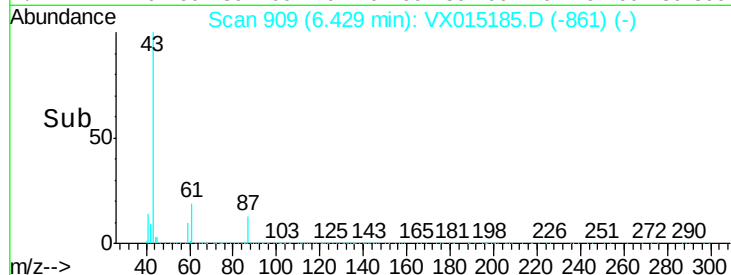
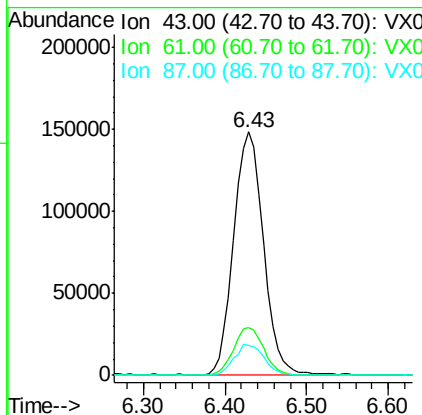
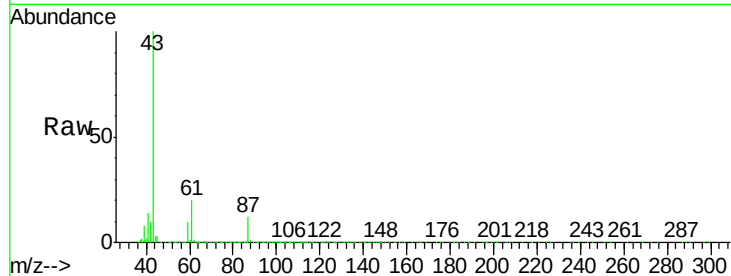
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	373302
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.0	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 47.90 ug/l

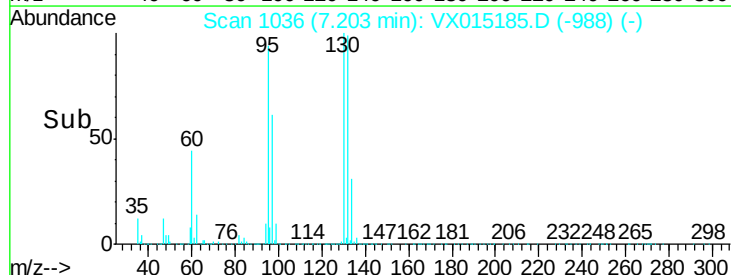
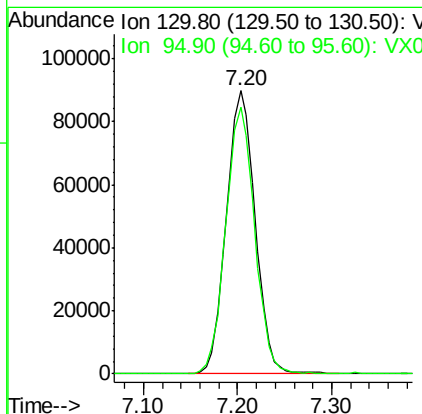
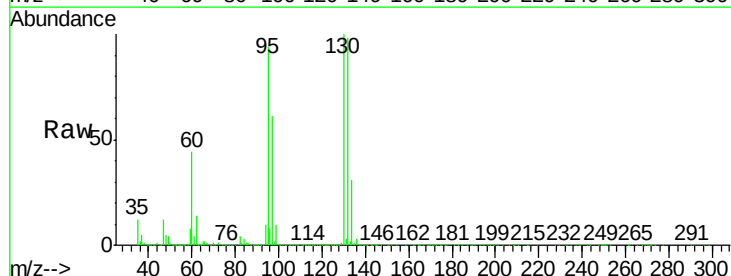
RT: 7.20 min Scan# 1036

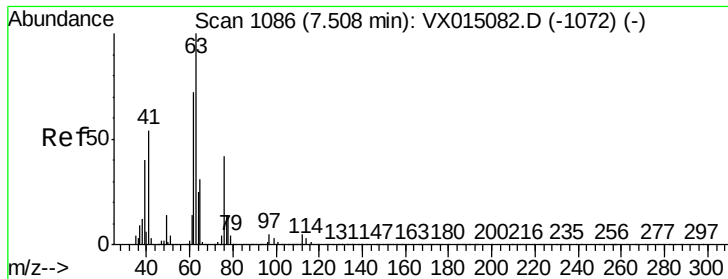
Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	130	Resp:	190460
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	181.2





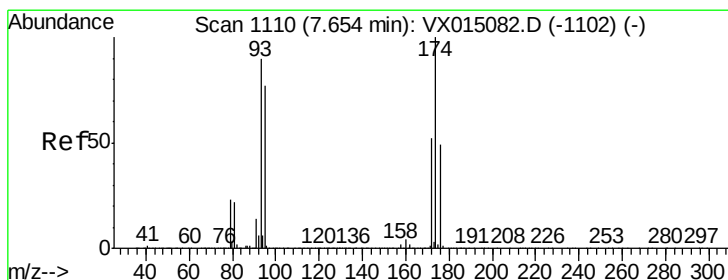
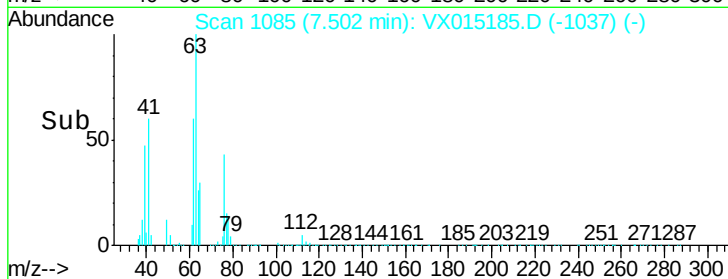
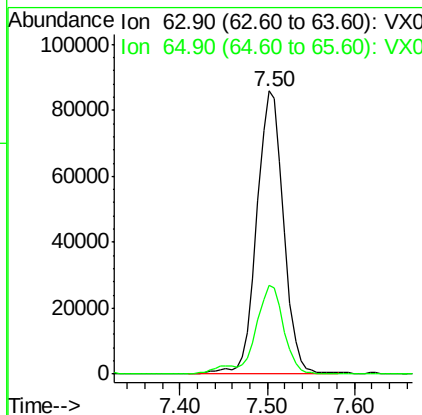
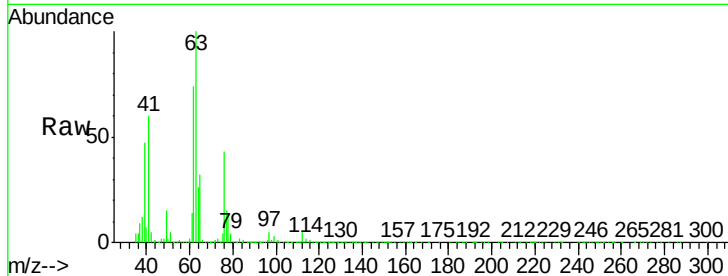
#45
 1,2-Dichloropropane
 Concen: 49.24 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.6	36.8

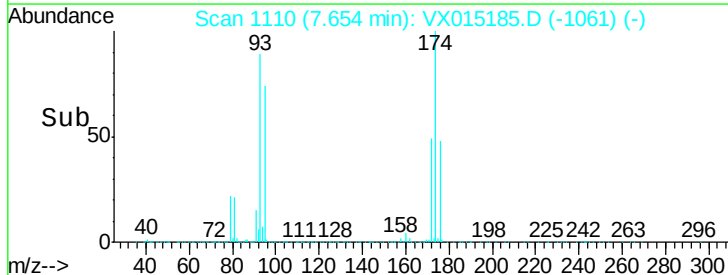
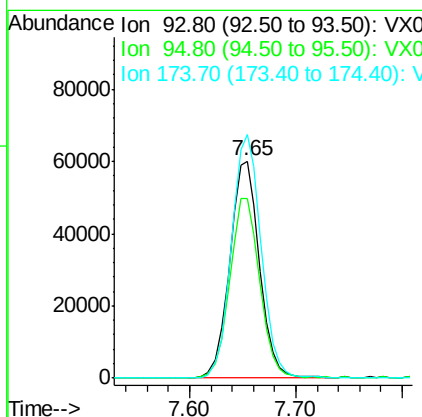
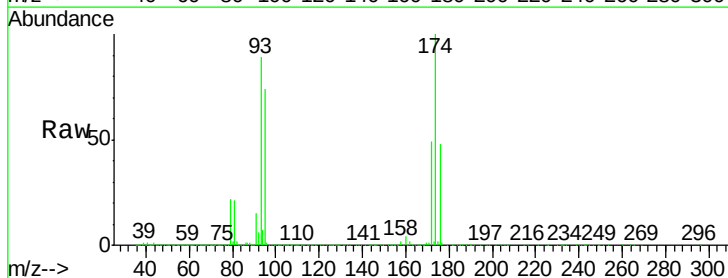
Manual Integrations
 APPROVED

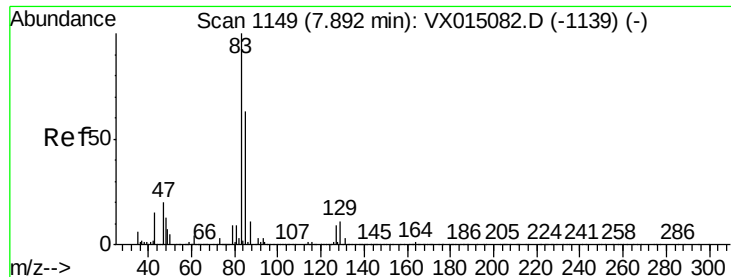
MMDadoda
 3/12/2020 2:50:47 PM



#46
 Dibromomethane
 Concen: 48.59 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.8	101.8
174	111.6	91.0	136.4





#47

Bromodichloromethane

Concen: 51.36 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

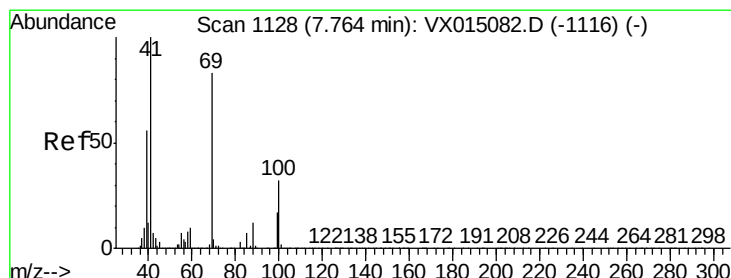
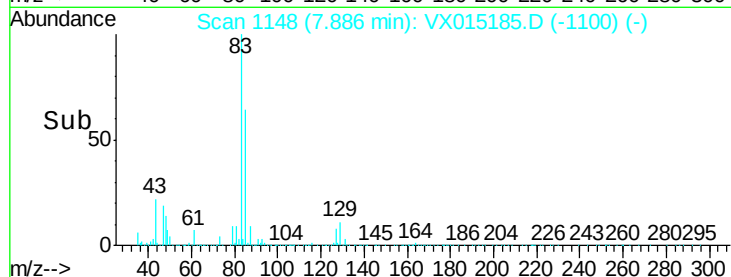
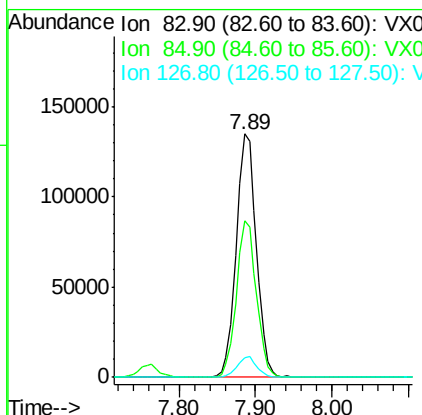
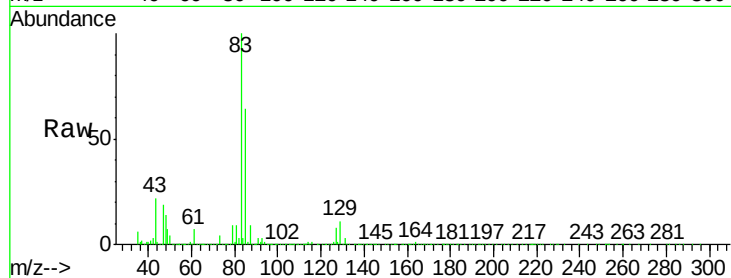
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	244582
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.6	75.8
127	7.8	7.1	10.7

Manual Integrations
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3/12/2020 2:50:47 PM



#48

Methyl methacrylate

Concen: 47.17 ug/l

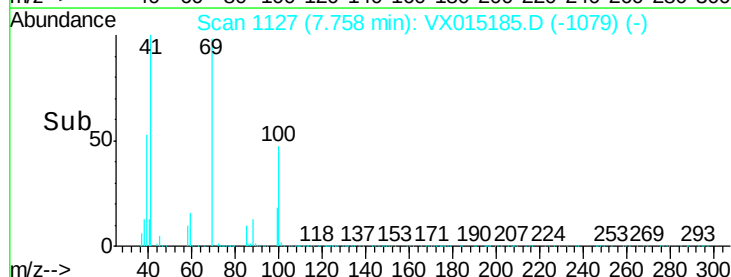
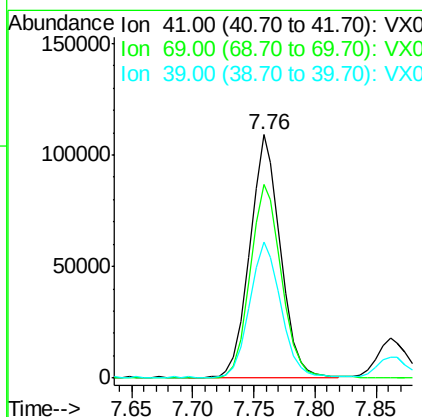
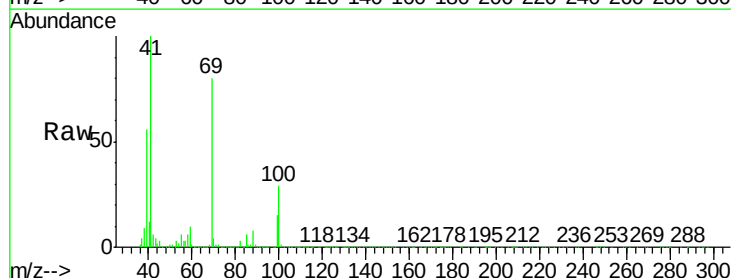
RT: 7.76 min Scan# 1127

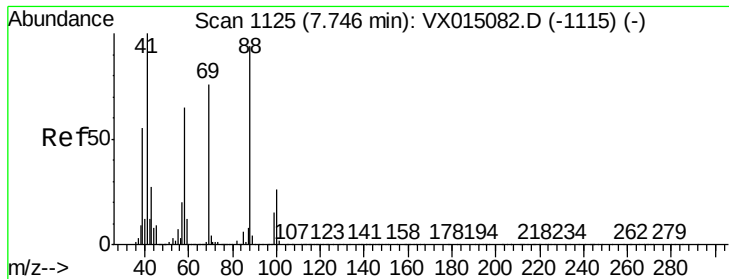
Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	41	Resp:	188531
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.4	98.2
39	57.0	44.6	67.0





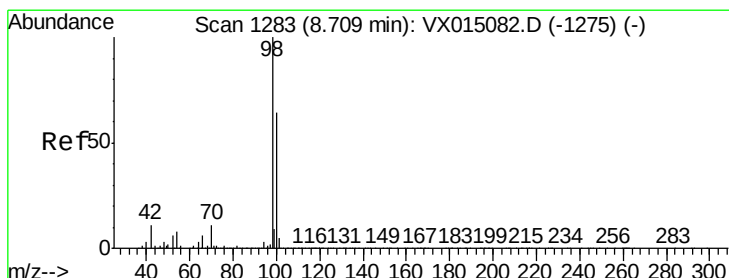
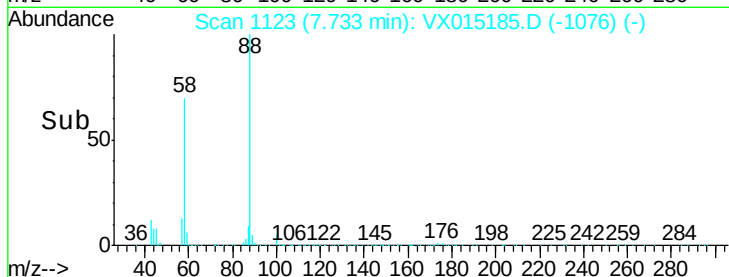
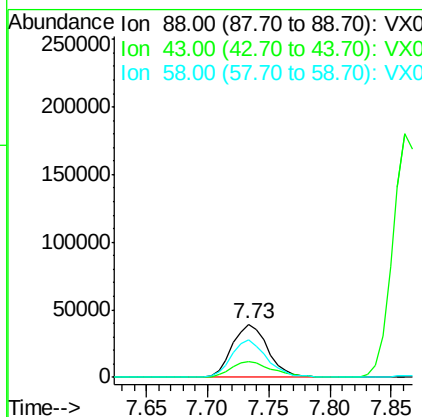
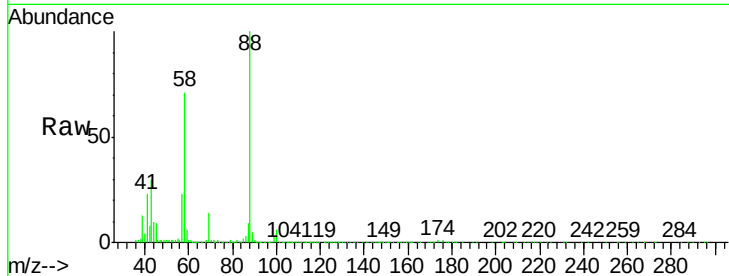
#49
1,4-Dioxane
Concen: 897.59 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.0	40.4
58	69.5	55.6	83.4

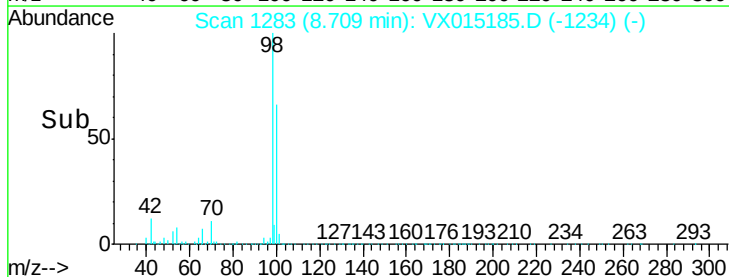
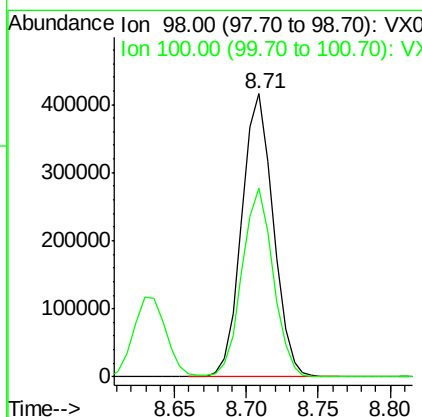
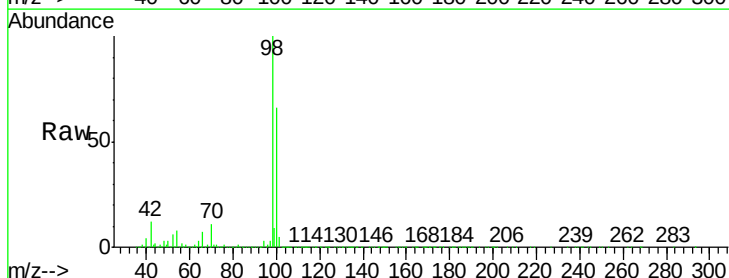
Manual Integrations
APPROVED

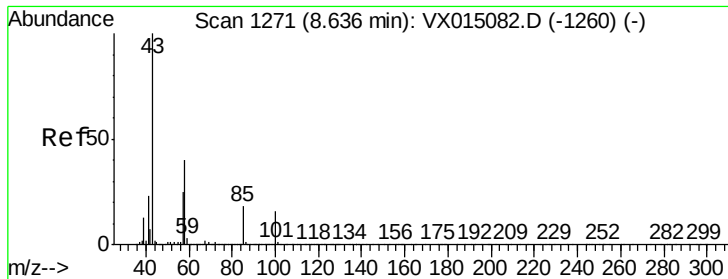
MMDadoda
3/12/2020 2:50:47 PM



#50
Toluene-d8
Concen: 50.37 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 248.40 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1153434

Ion Ratio Lower Upper

43 100

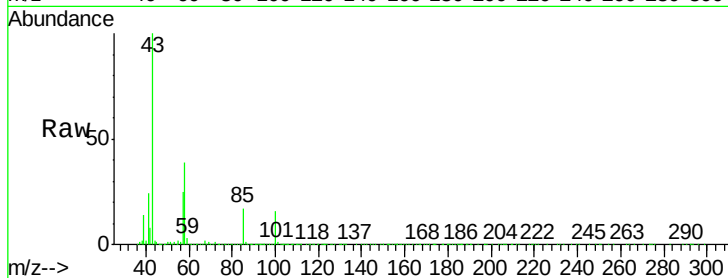
58 39.3 31.6 47.4

Manual Integrations

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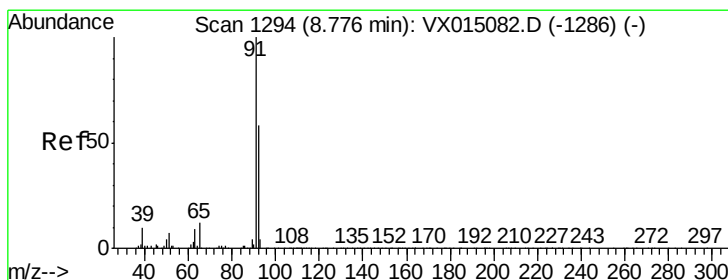
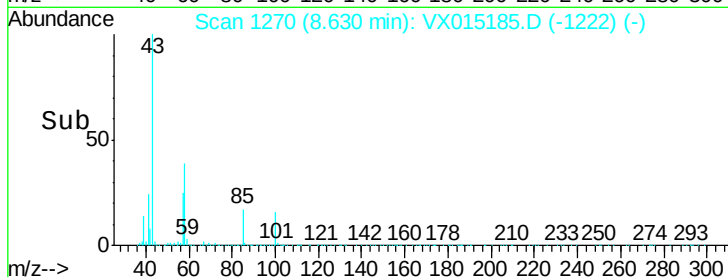
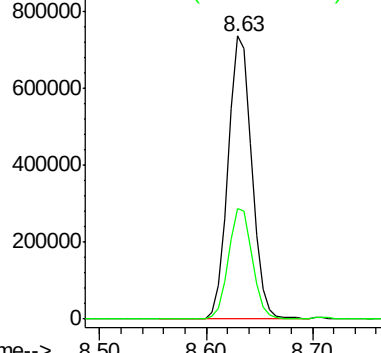
MMDadoda

3/12/2020 2:50:47 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.60 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015185.D

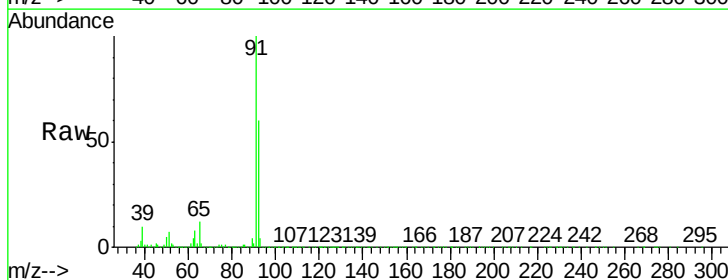
Acq: 11 Mar 2020 08:53

Tgt Ion: 92 Resp: 441795

Ion Ratio Lower Upper

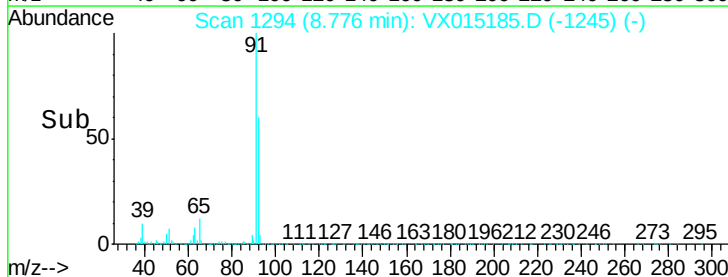
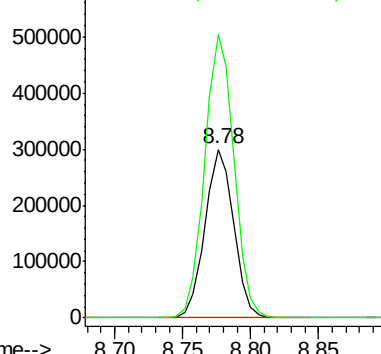
92 100

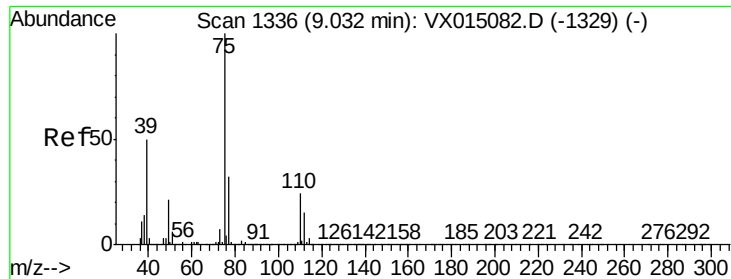
91 171.1 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





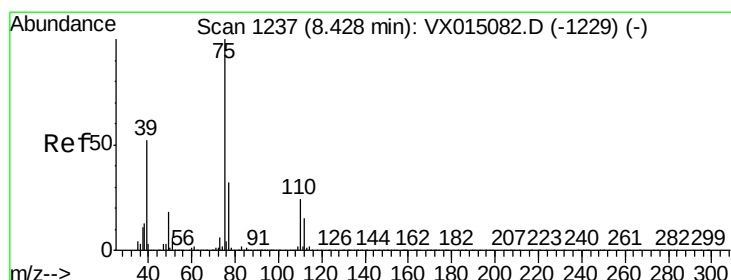
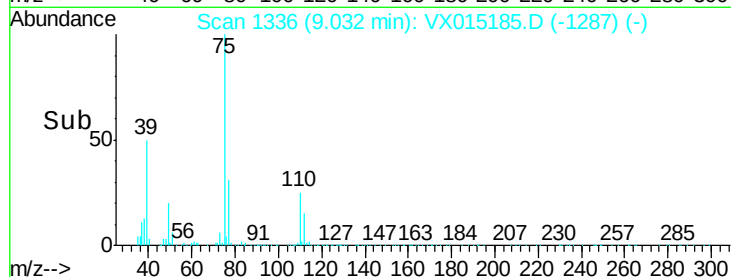
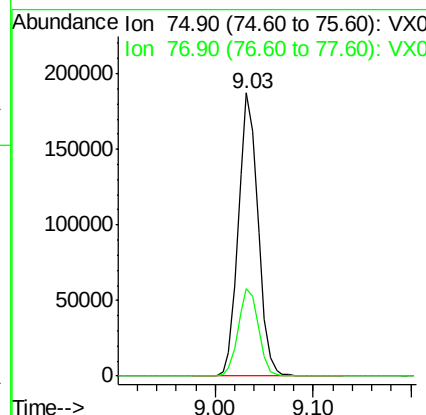
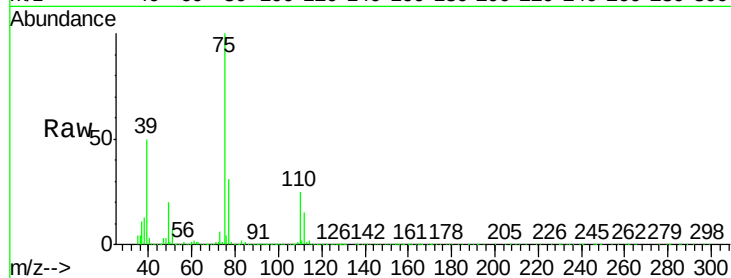
#53
t-1,3-Dichloropropene
Concen: 51.43 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 260695
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

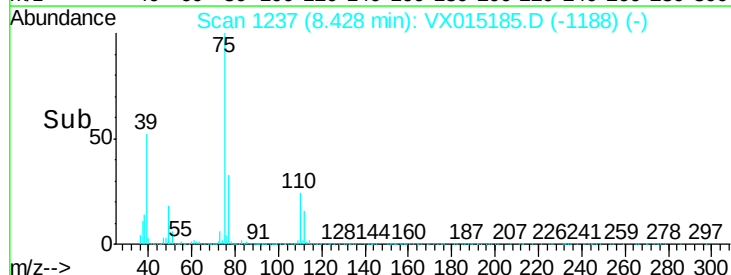
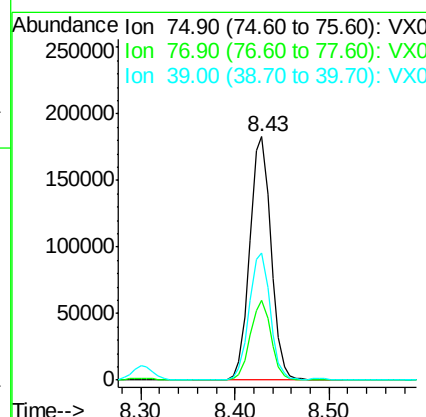
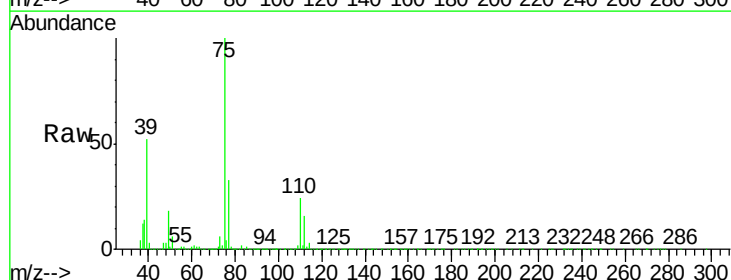
Manual Integrations
APPROVED

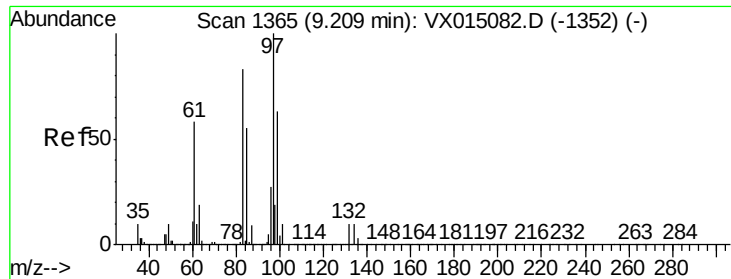
MMDadoda
3/12/2020 2:50:47 PM



#54
cis-1,3-Dichloropropene
Concen: 50.60 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 75 Resp: 289964
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
39 51.9 41.3 61.9





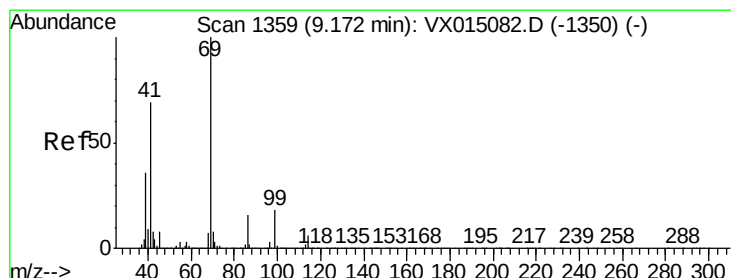
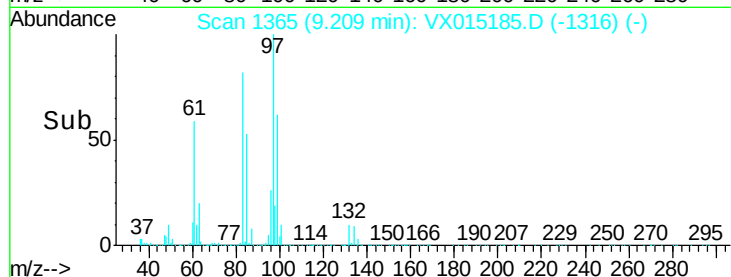
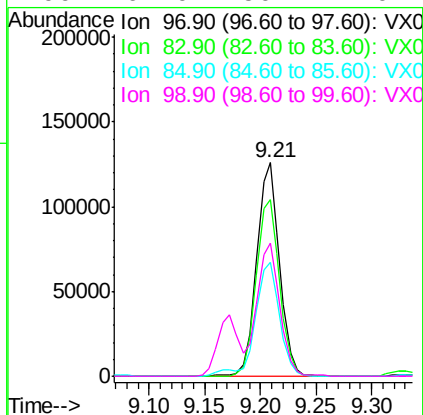
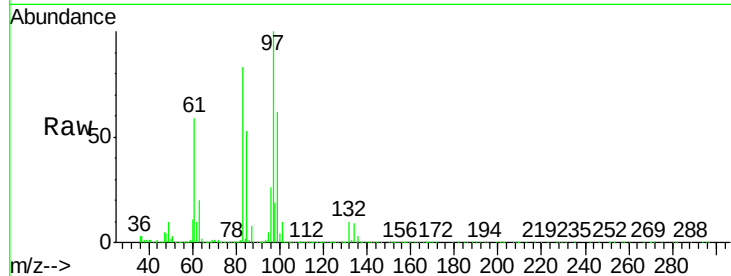
#55
 1,1,2-Trichloroethane
 Concen: 49.88 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	179239		
83	82.4	66.4	99.6	
85	53.1	43.5	65.3	
99	62.0	50.7	76.1	

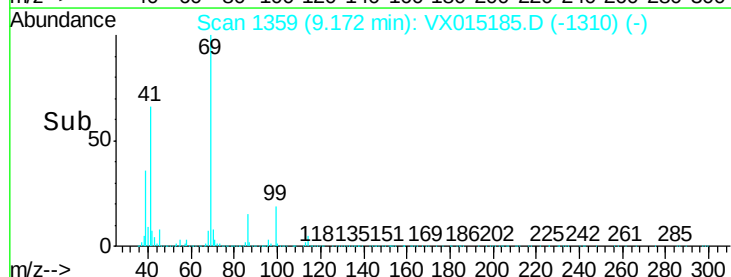
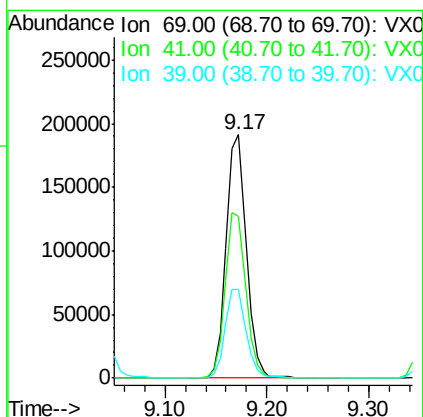
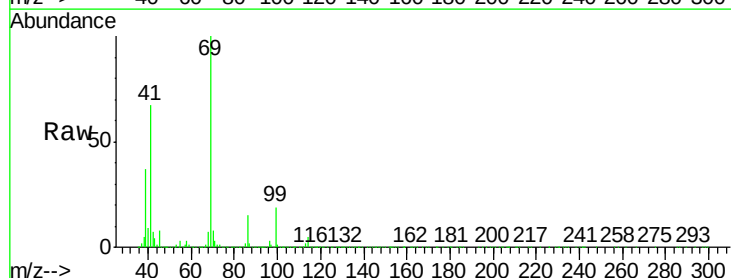
Manual Integrations
 APPROVED

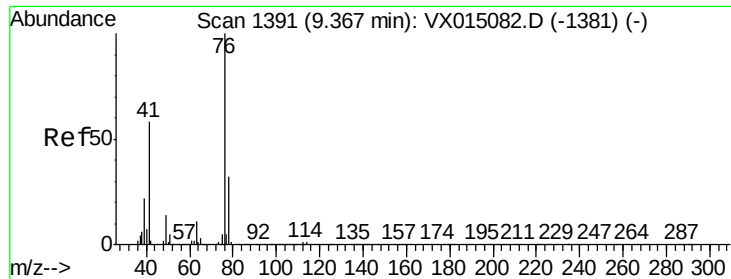
MMDadoda
 3/12/2020 2:50:47 PM



#56
 Ethyl methacrylate
 Concen: 51.05 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	261649		
41	69.2	55.8	83.8	
39	37.8	29.4	44.2	





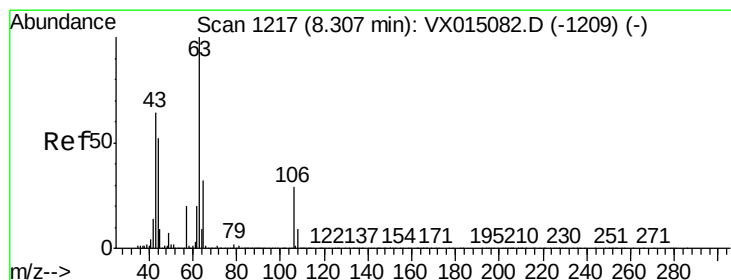
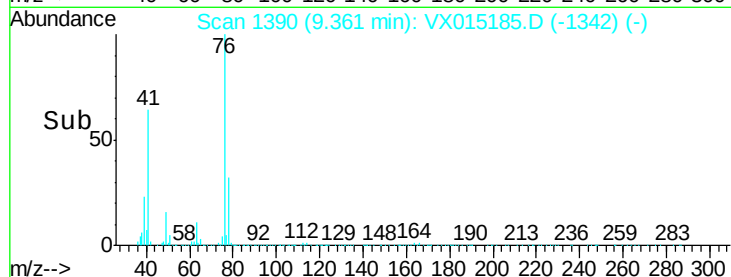
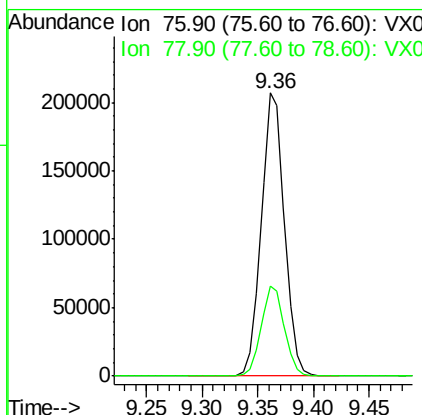
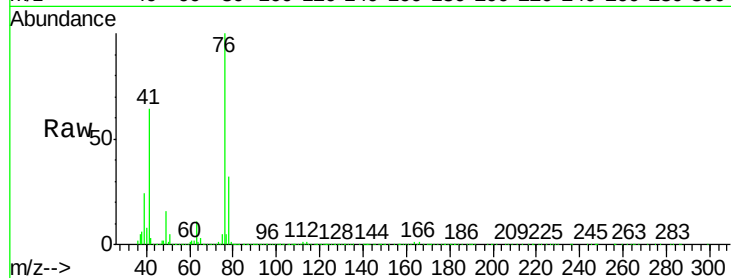
#57
 1,3-Dichloropropane
 Concen: 49.91 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.6	38.4

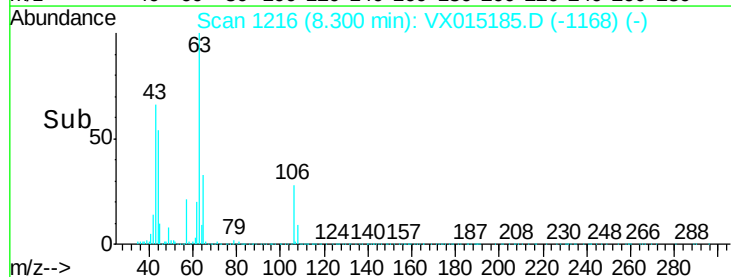
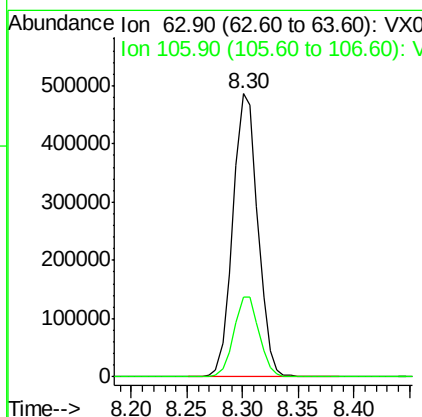
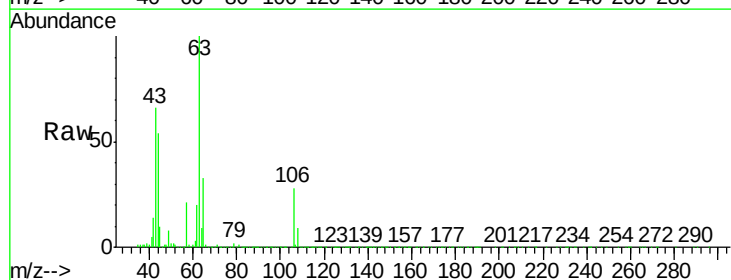
Manual Integrations
 APPROVED

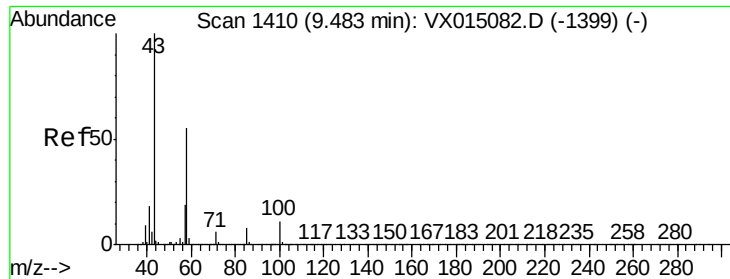
MMDadoda
 3/12/2020 2:50:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.39 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.8	34.2





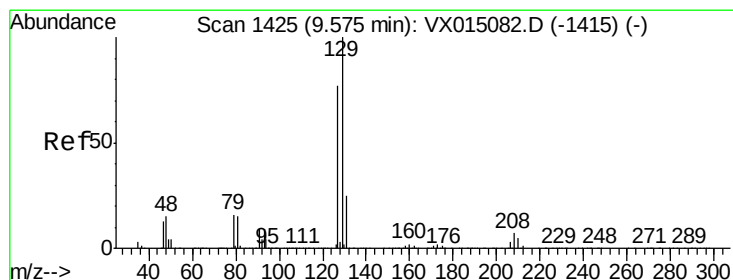
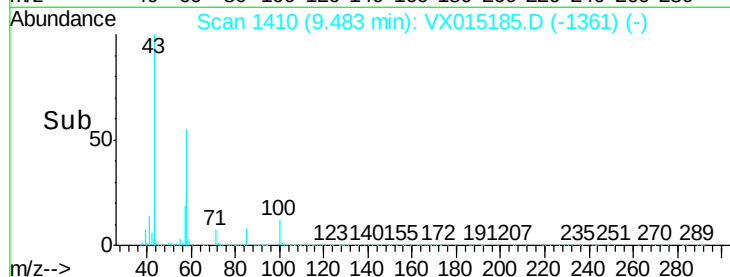
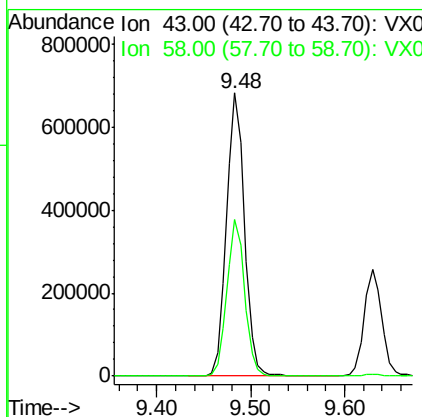
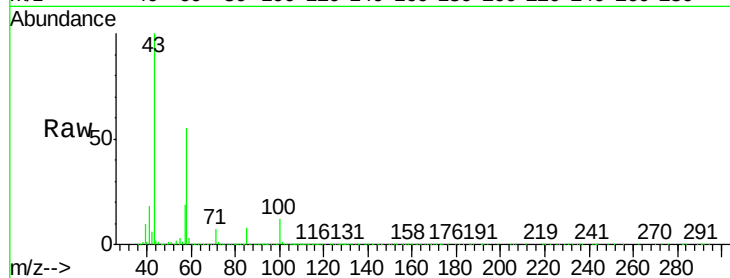
#59
2-Hexanone
Concen: 262.33 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 902837
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8

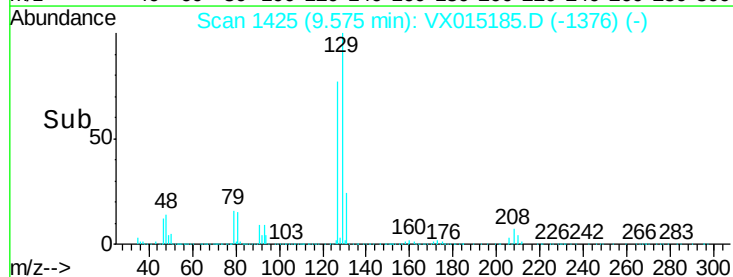
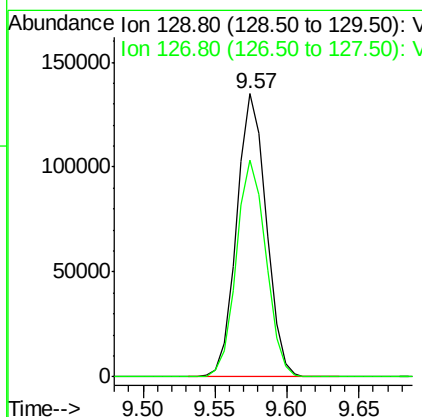
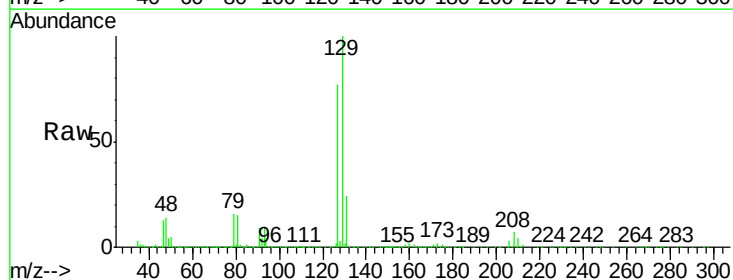
Manual Integrations
APPROVED

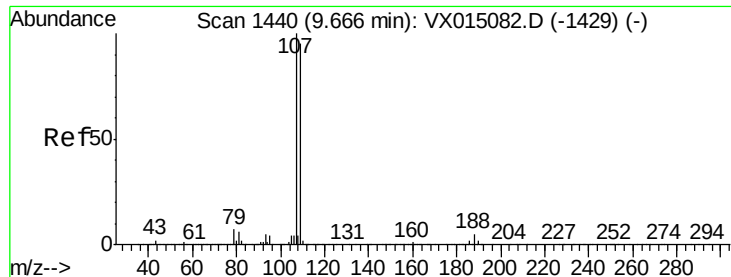
MMDadoda
3/12/2020 2:50:47 PM



#60
Dibromochloromethane
Concen: 50.94 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 129 Resp: 192283
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.53 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 183157

Ion Ratio Lower Upper

107 100

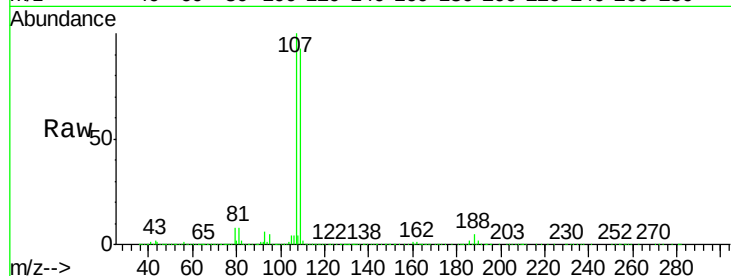
109 94.1 75.6 113.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

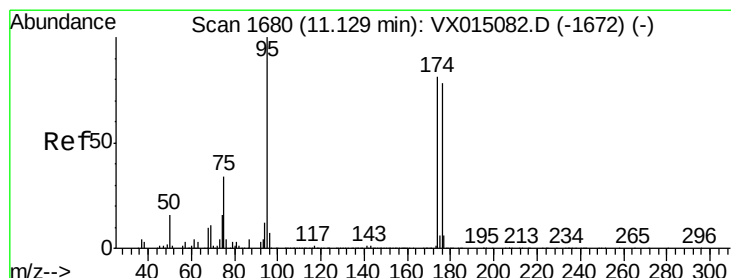
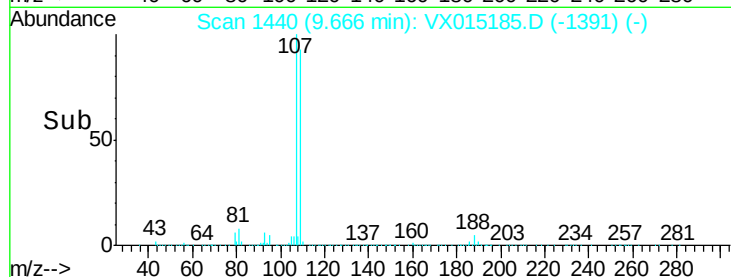
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.05 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

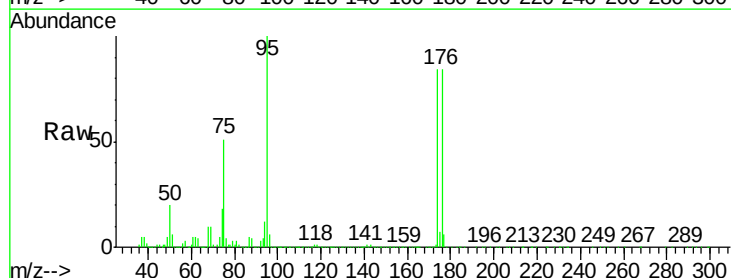
Tgt Ion: 95 Resp: 227475

Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.6

176 87.0 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

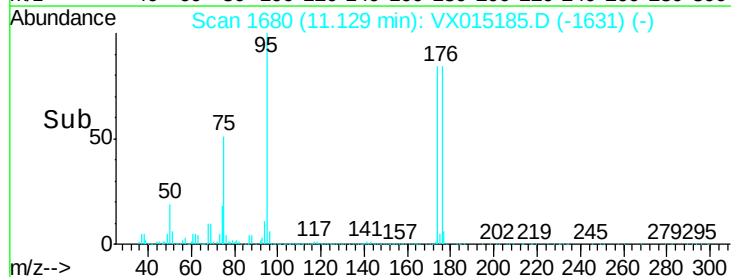
150000

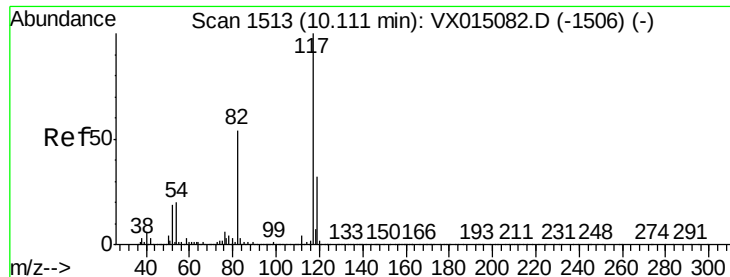
100000

50000

0

Time-->





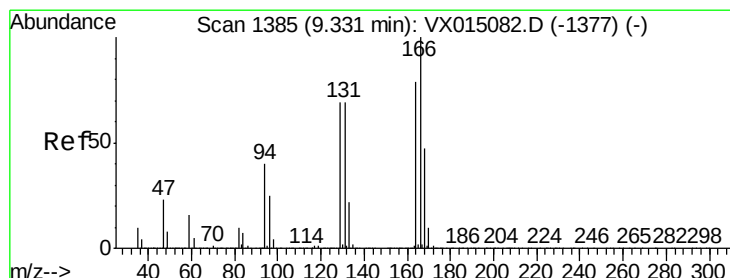
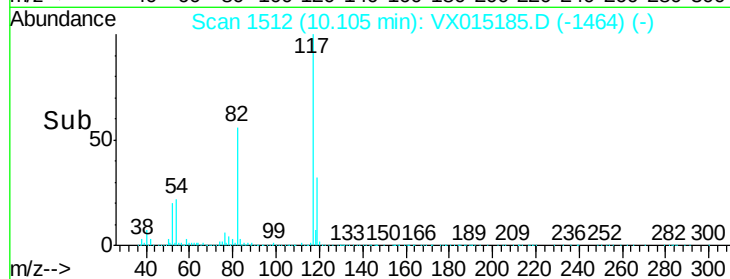
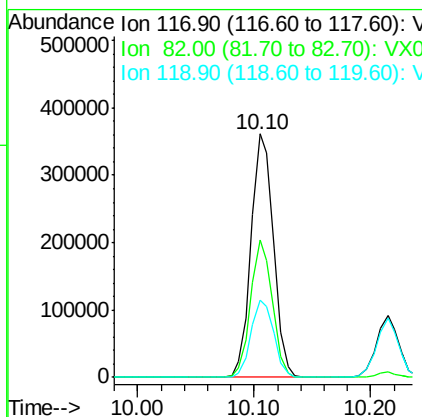
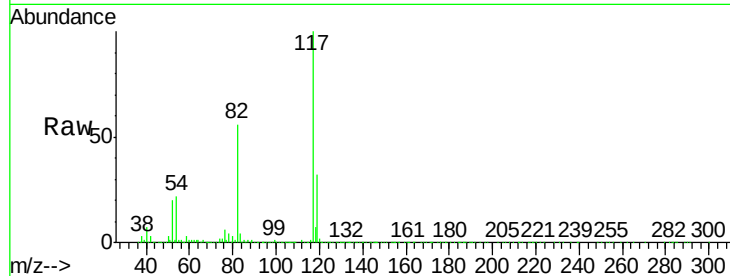
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.3	43.3	64.9
119	31.9	25.8	38.8

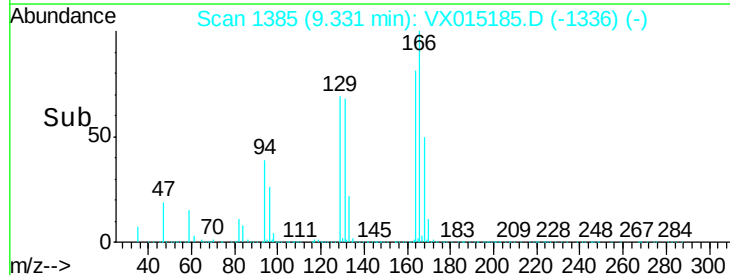
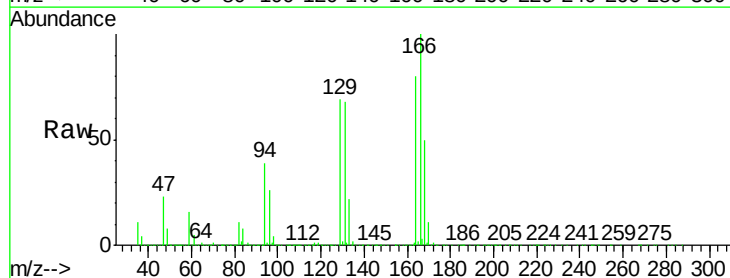
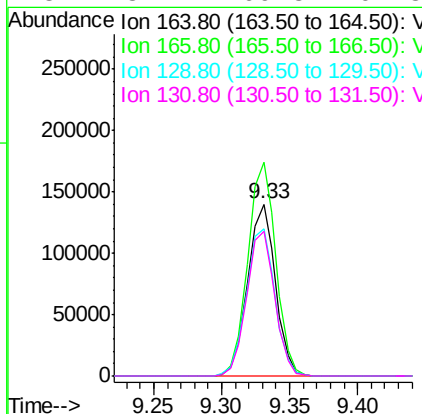
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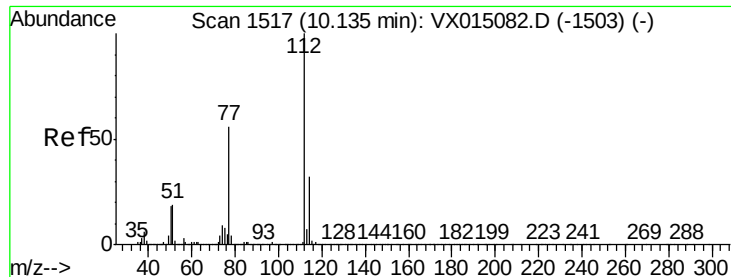
MMDadoda
3/12/2020 2:50:47 PM



#64
Tetrachloroethene
Concen: 49.74 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	124.3	101.1	151.7
129	86.0	69.4	104.0
131	84.4	69.8	104.8





#65

Chlorobenzene

Concen: 48.83 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 476786

Ion Ratio Lower Upper

112 100

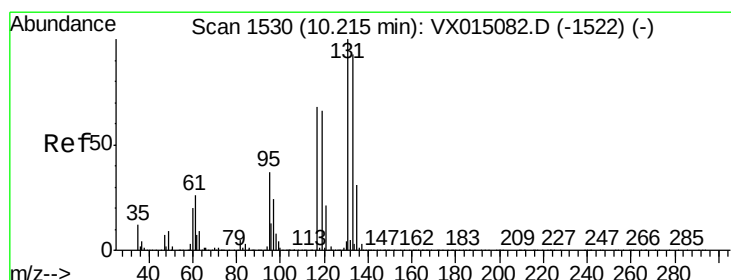
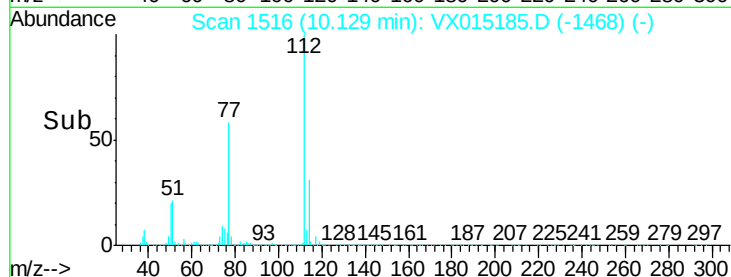
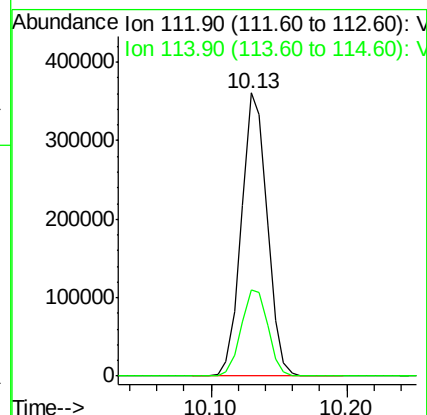
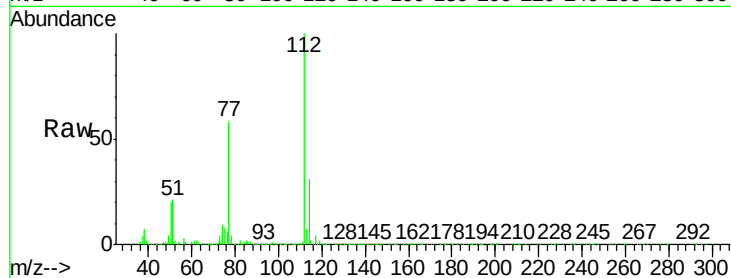
114 30.6 25.5 38.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 48.19 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

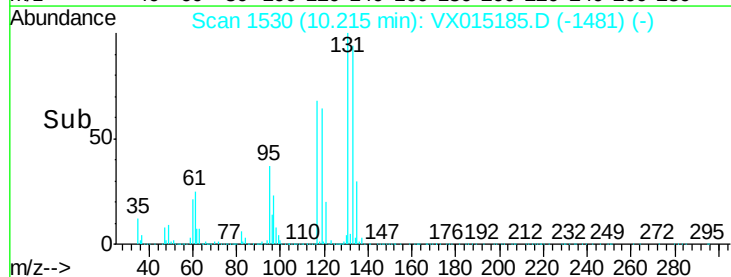
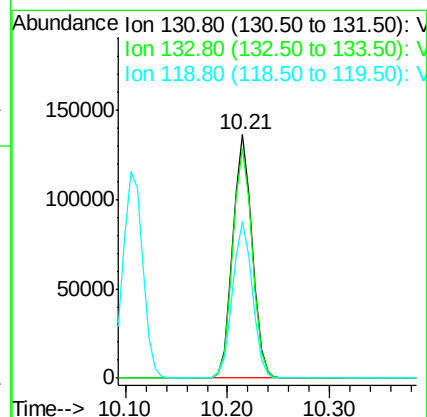
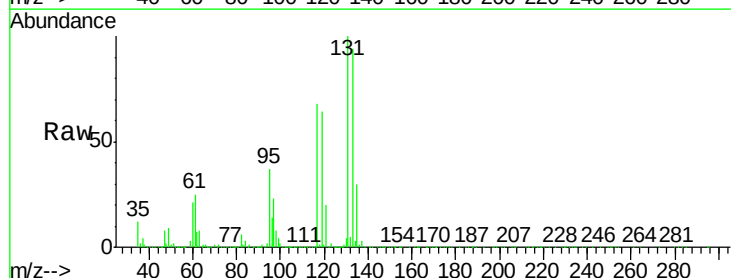
Tgt Ion:131 Resp: 177429

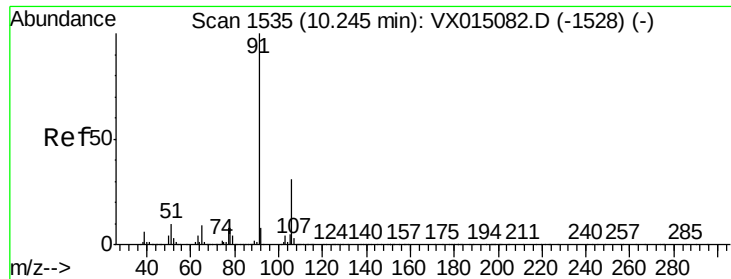
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

119 65.6 33.4 100.1





#67

Ethyl Benzene

Concen: 51.07 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 91 Resp: 846743

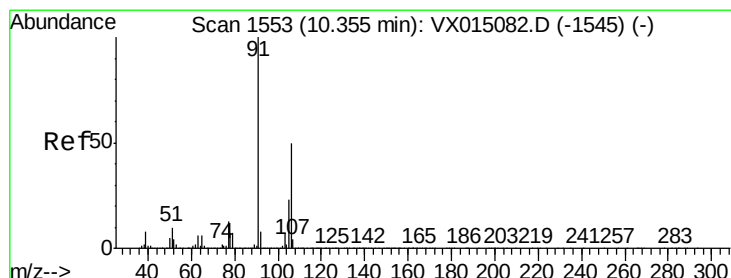
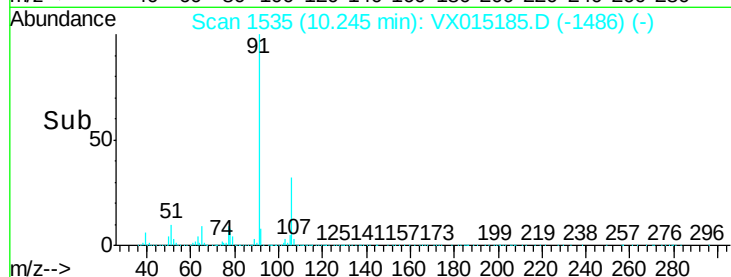
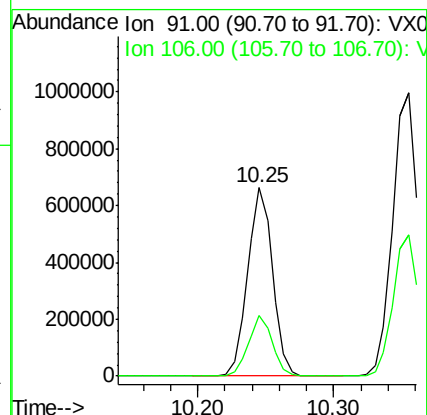
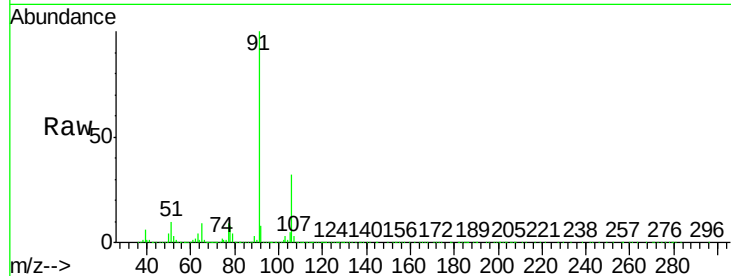
Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3

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#68

m/p-Xylenes

Concen: 103.84 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015185.D

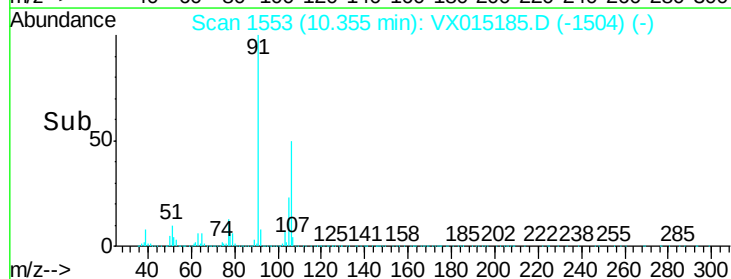
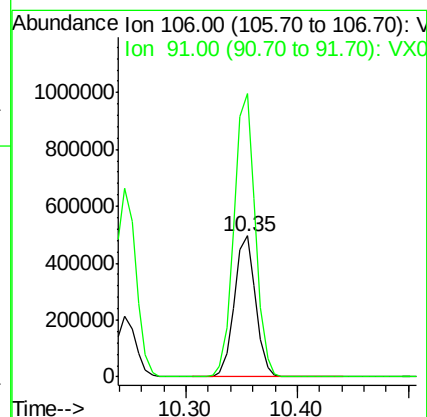
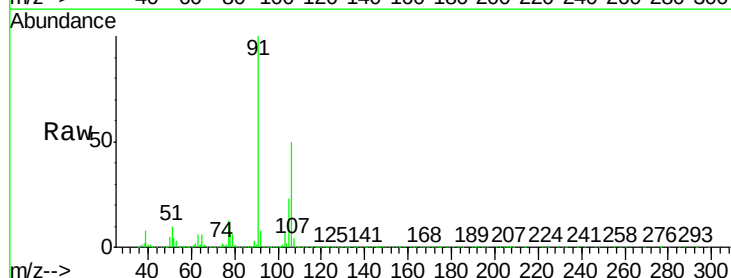
Acq: 11 Mar 2020 08:53

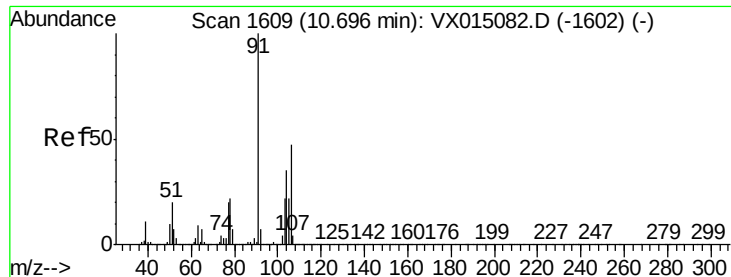
Tgt Ion: 106 Resp: 655094

Ion Ratio Lower Upper

106 100

91 201.0 159.4 239.2





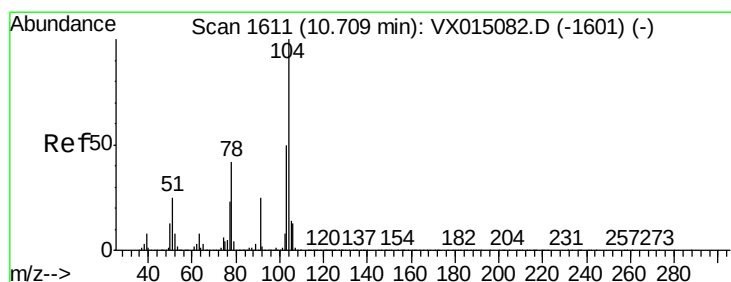
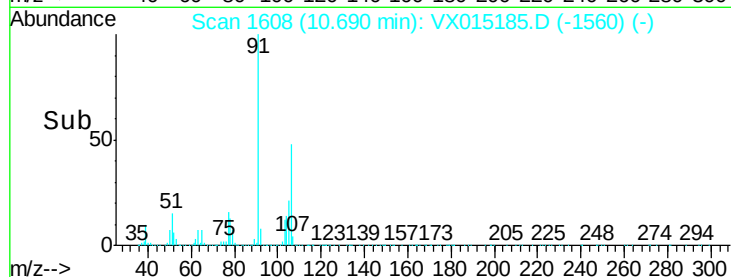
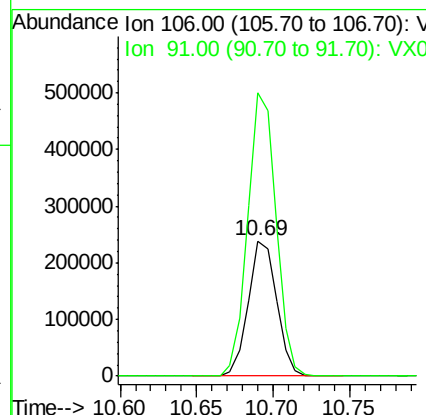
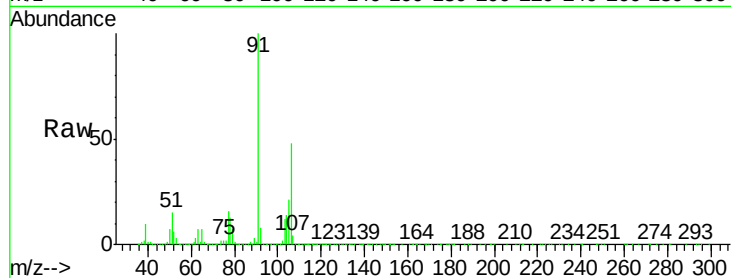
#69
o-Xylene
Concen: 50.94 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 307656
Ion Ratio Lower Upper
106 100
91 209.6 105.4 316.1

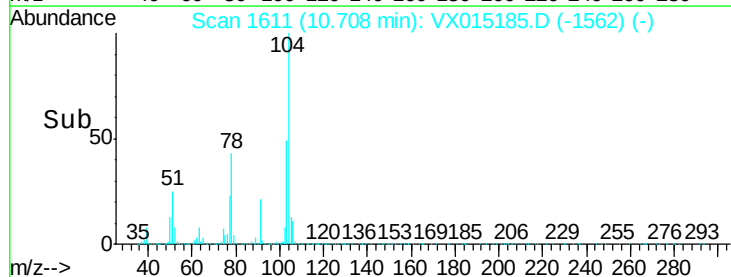
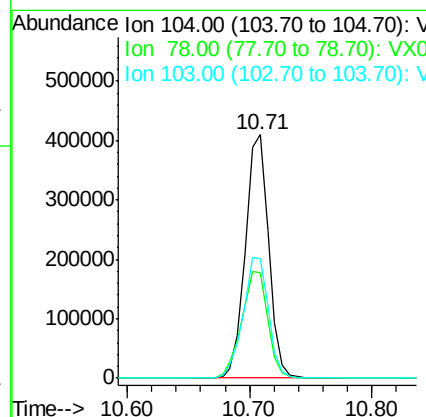
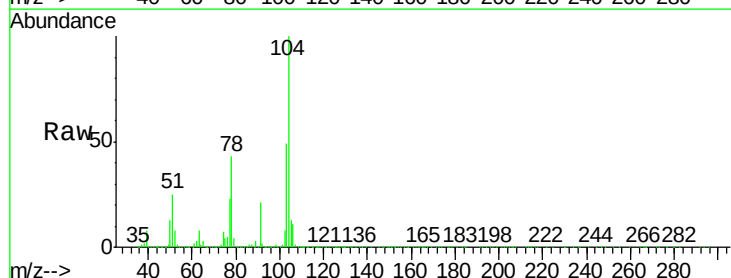
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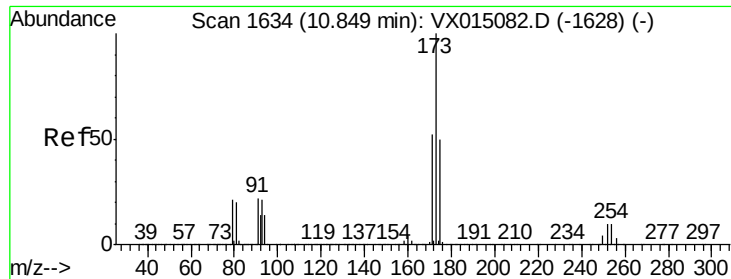
MMDadoda
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#70
Styrene
Concen: 52.09 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion:104 Resp: 539419
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.2 43.7 65.5





#71

Bromoform

Concen: 49.91 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

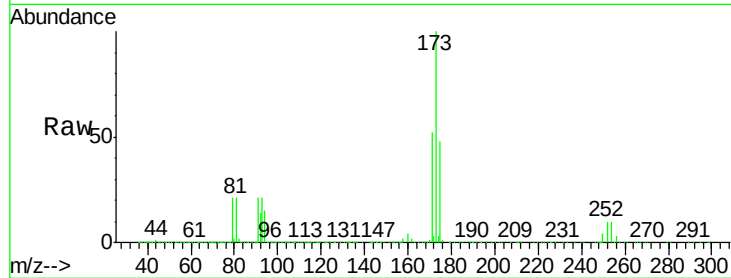
ClientSampleId :

VSTDCCC050

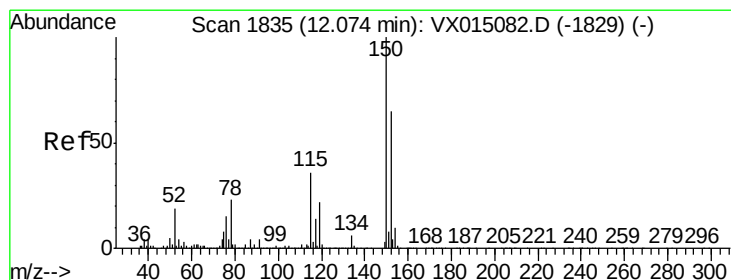
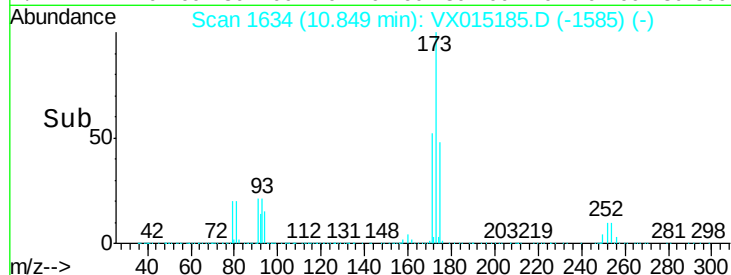
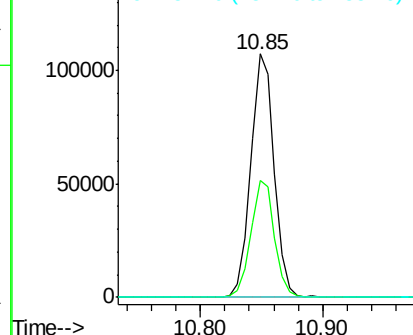
Tgt Ion:	173	Resp:	142496
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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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: 50.00 ug/l

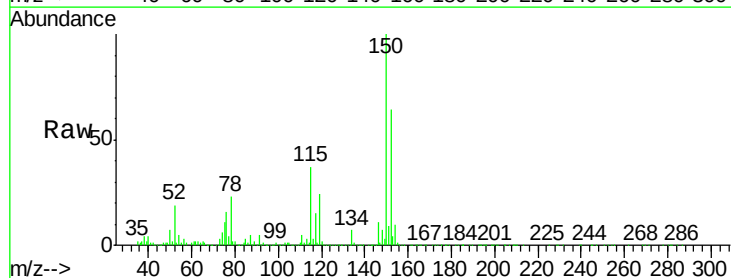
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

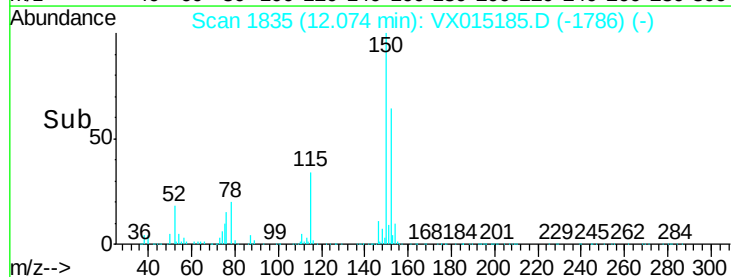
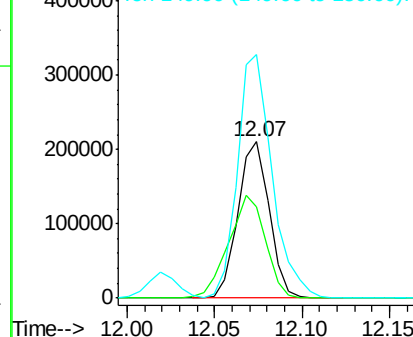
Lab File: VX015185.D

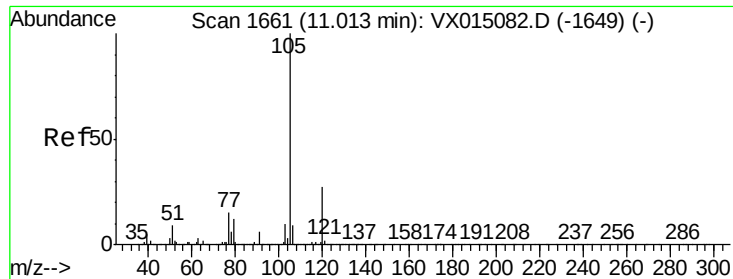
Acq: 11 Mar 2020 08:53

Tgt Ion:	152	Resp:	260732
Ion Ratio	Lower	Upper	
152	100		
115	76.9	38.2	114.6
150	172.7	0.0	343.8



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





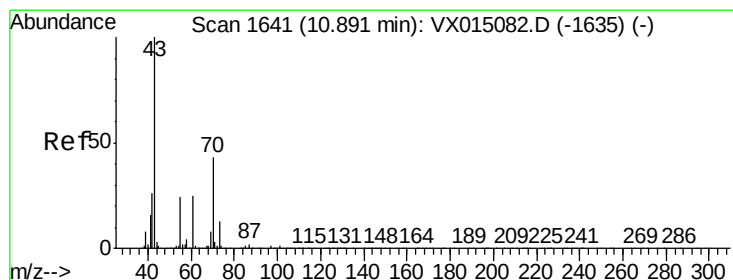
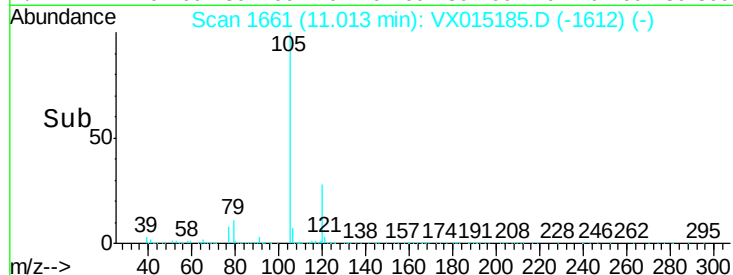
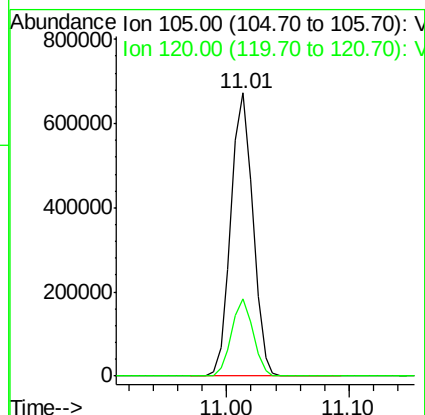
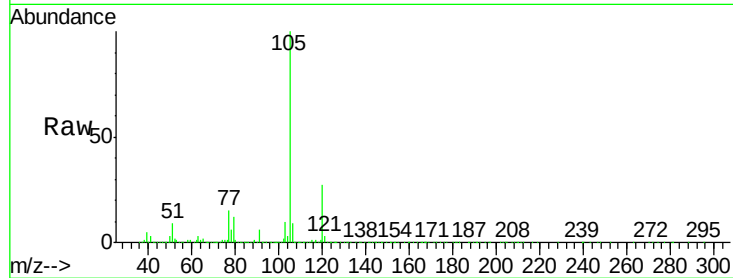
#73
Isopropylbenzene
Concen: 50.03 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.5

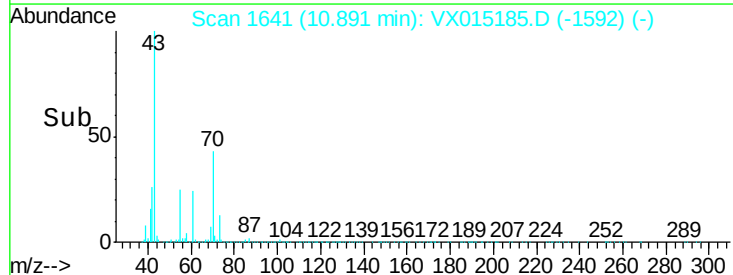
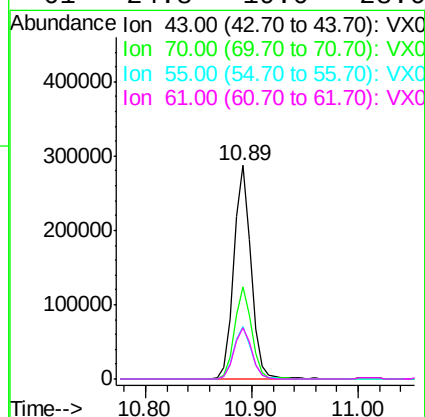
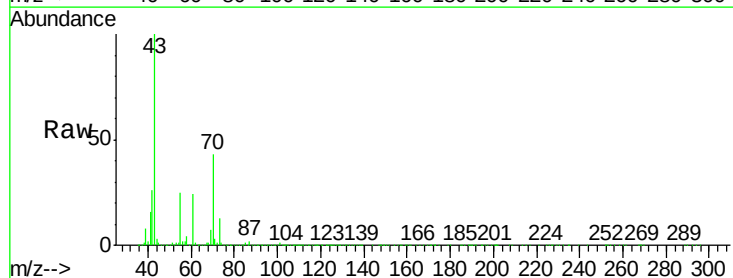
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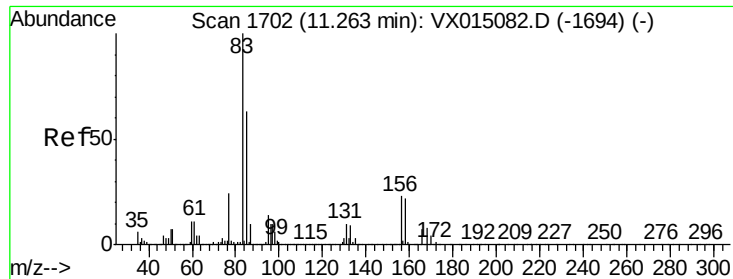
MMDadoda
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#74
N-ethyl acetate
Concen: 46.63 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	34.7	52.1
55	25.1	19.4	29.0
61	24.8	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.72 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 83 Resp: 253802
Ion Ratio Lower Upper

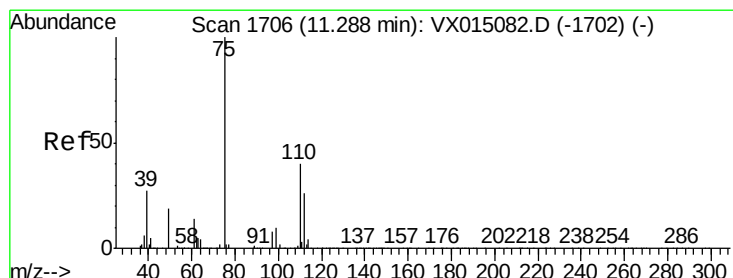
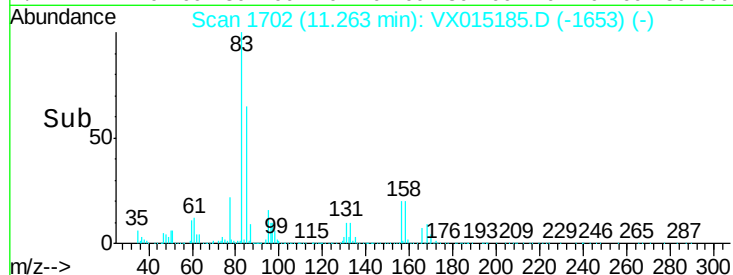
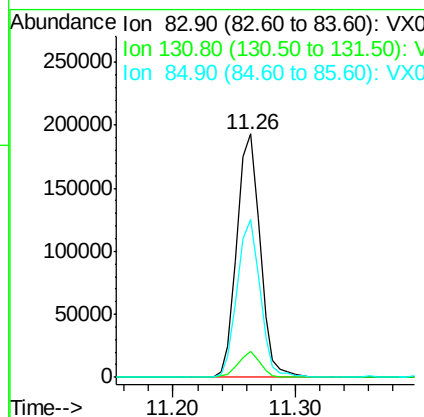
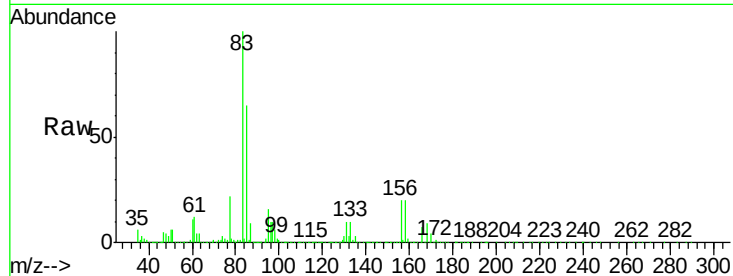
83 100

131 10.1 5.0 14.9

85 64.3 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 40.39 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

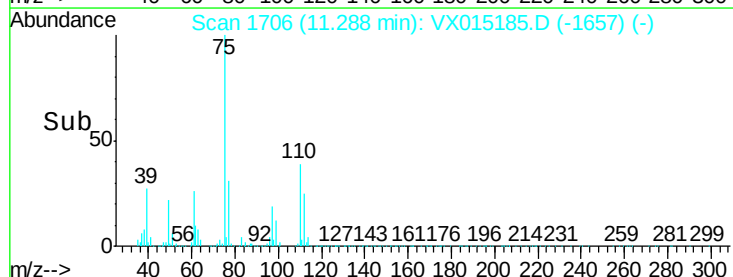
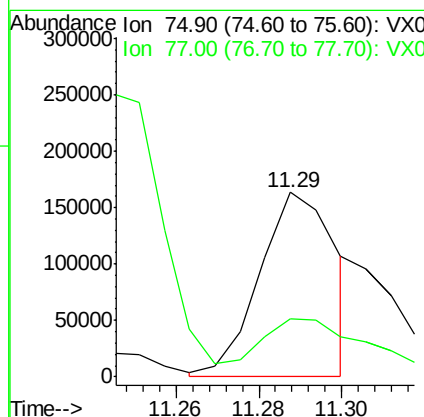
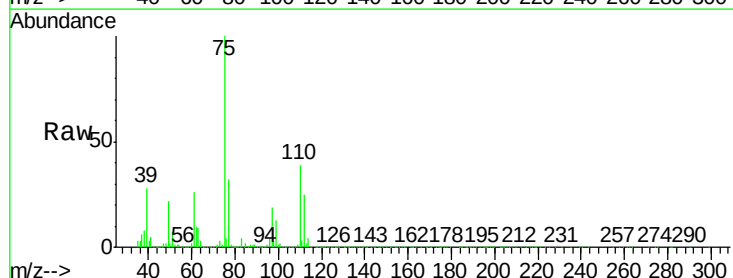
Lab File: VX015185.D

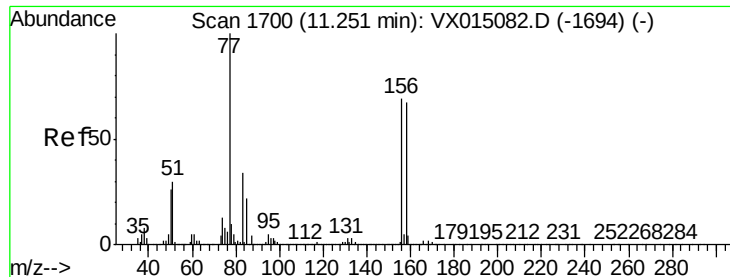
Acq: 11 Mar 2020 08:53

Tgt Ion: 75 Resp: 210072
Ion Ratio Lower Upper

75 100

77 44.7 22.6 67.8





#77

Bromobenzene

Concen: 46.41 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

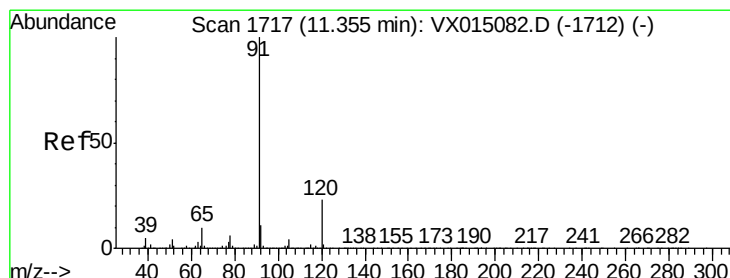
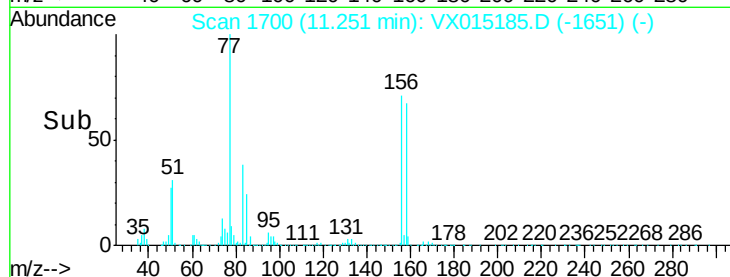
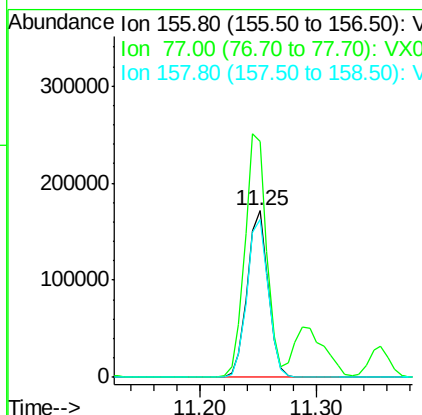
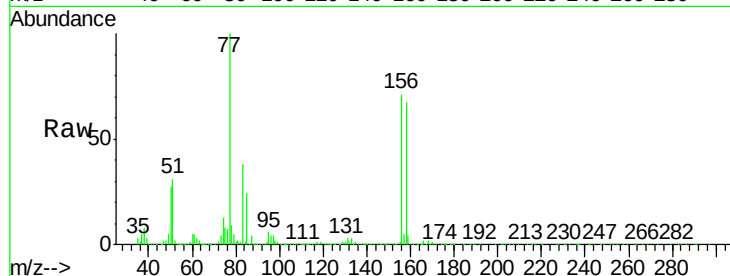
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	215436
Ion Ratio	Lower	Upper	
156	100		
77	151.3	75.3	225.9
158	97.4	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.77 ug/l

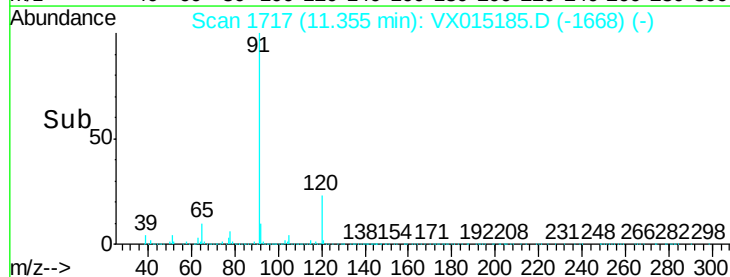
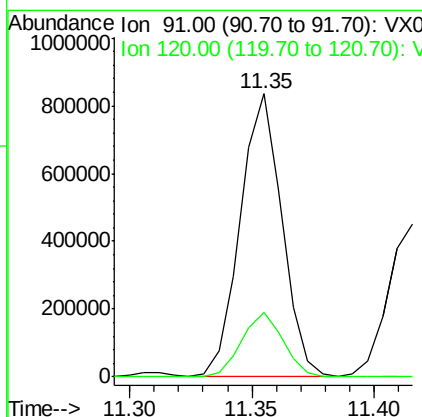
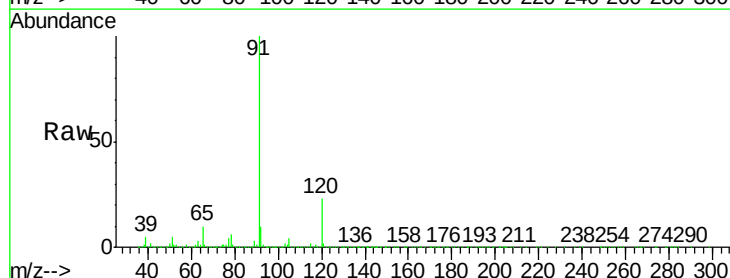
RT: 11.35 min Scan# 1717

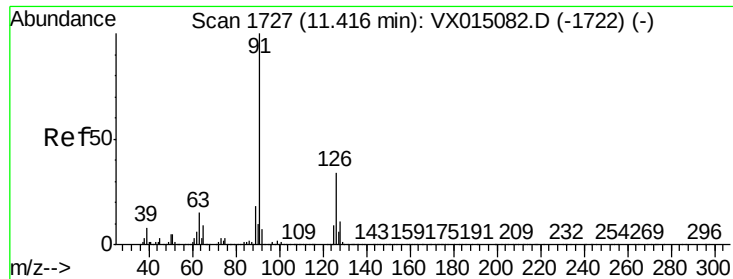
Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	91	Resp:	985064
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.1





#79

2-Chlorotoluene

Concen: 49.39 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 561226

Ion Ratio Lower Upper

91 100

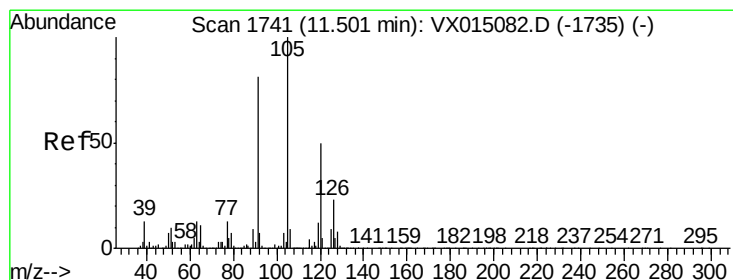
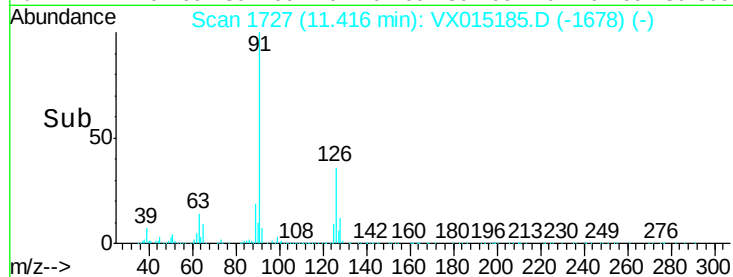
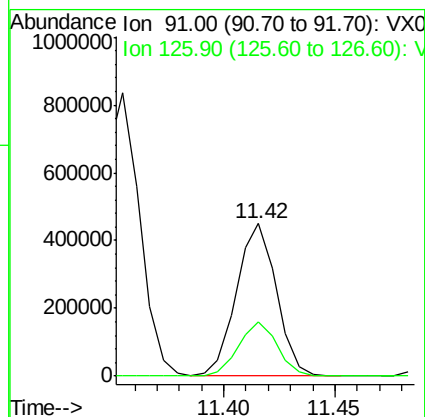
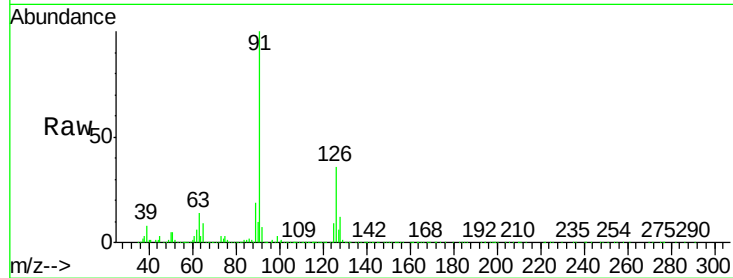
126 34.8 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.20 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015185.D

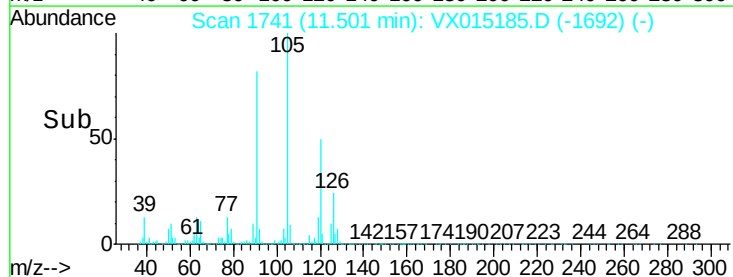
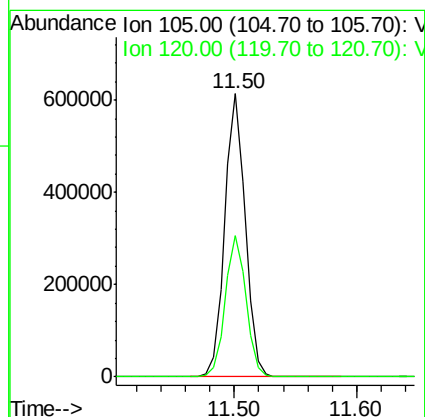
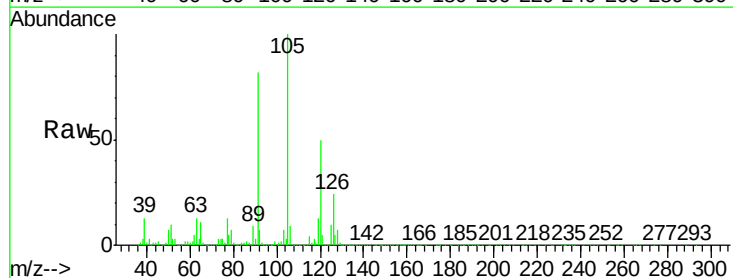
Acq: 11 Mar 2020 08:53

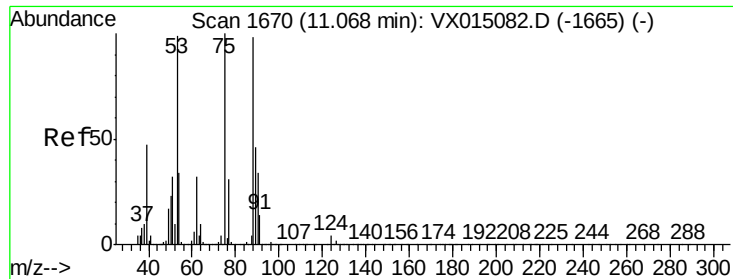
Tgt Ion: 105 Resp: 709914

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.28 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

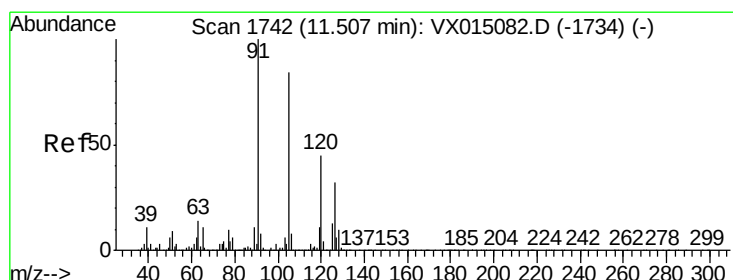
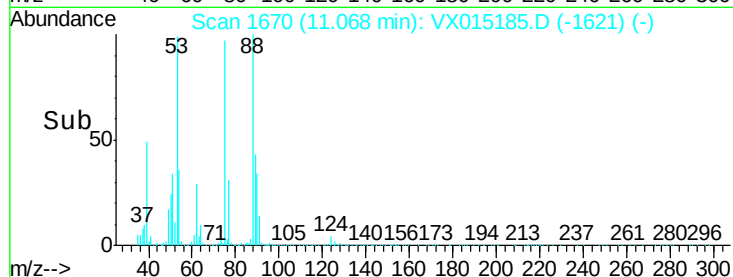
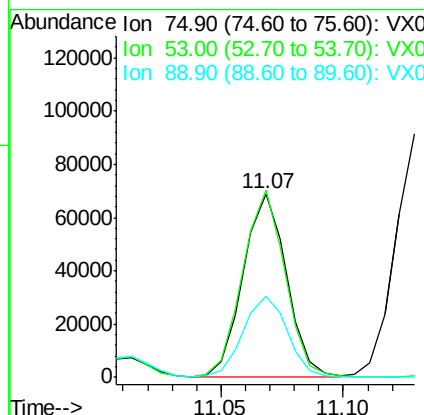
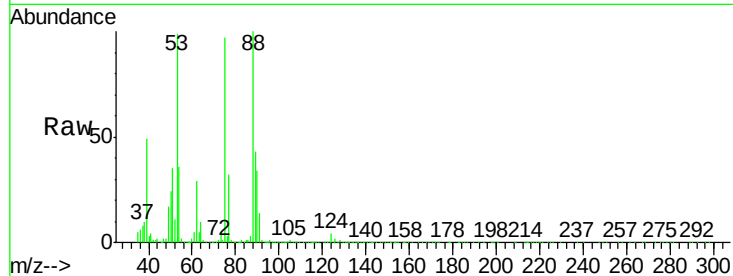
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	84806
Ion Ratio	Lower	Upper	
75	100		
53	100.3	77.9	116.9
89	45.7	36.2	54.2

Manual Integrations
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3/12/2020 2:50:47 PM



#82

4-Chlorotoluene

Concen: 49.84 ug/l

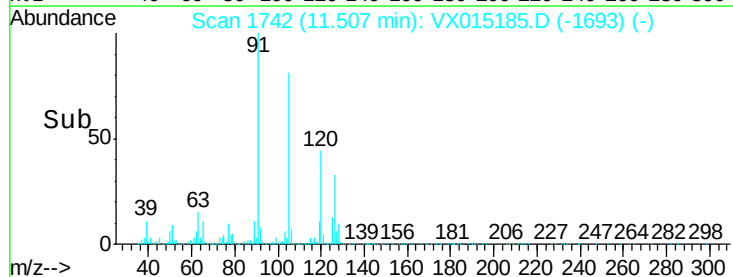
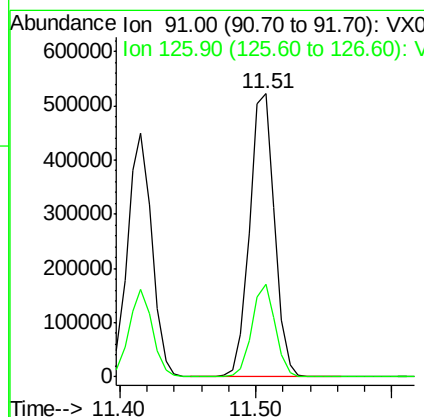
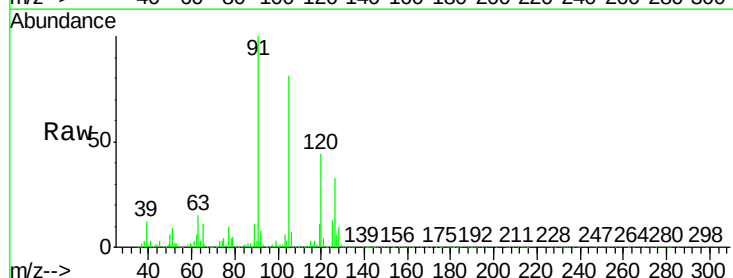
RT: 11.51 min Scan# 1742

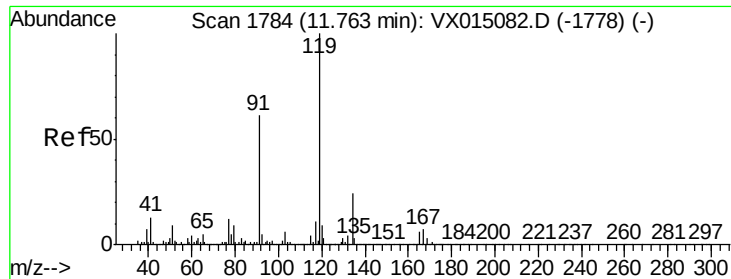
Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	91	Resp:	669114
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.4	46.2





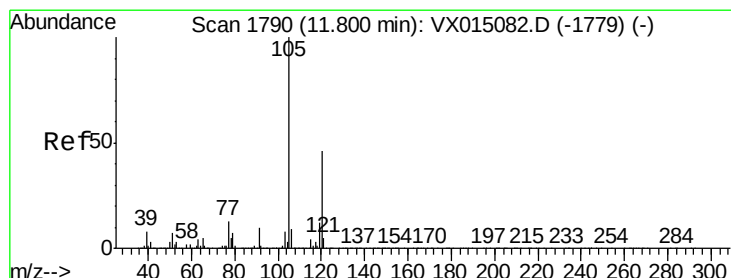
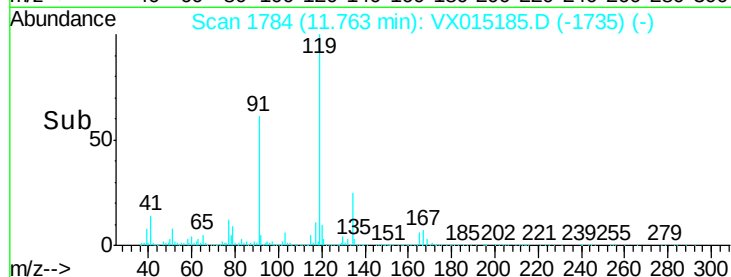
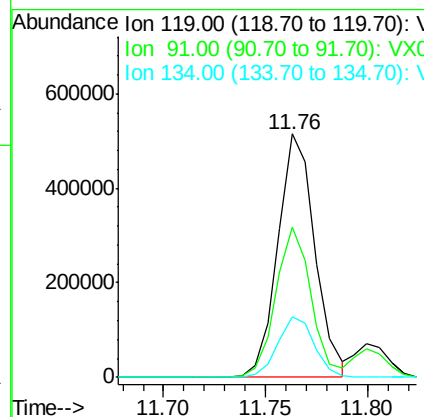
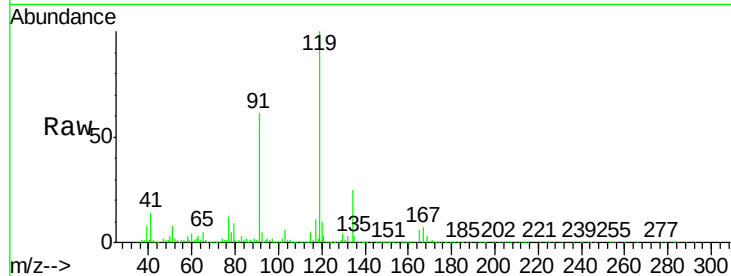
#83
 tert-Butylbenzene
 Concen: 48.65 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	652294		
91	58.7	28.5	85.6	
134	24.6	11.9	35.7	

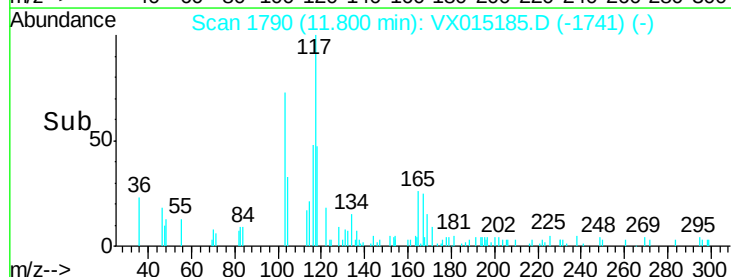
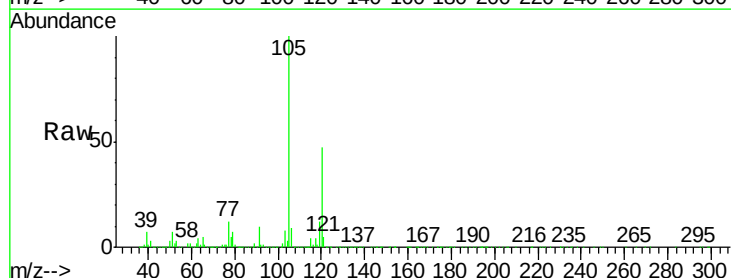
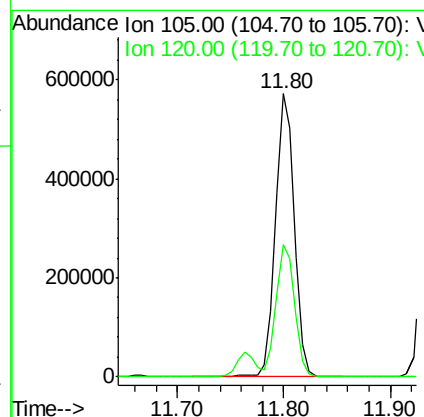
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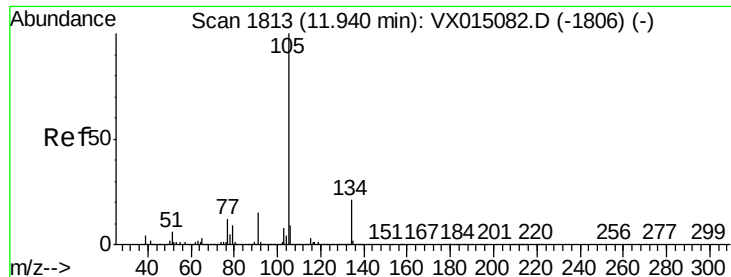
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.84 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	708180		
120	46.0	22.9	68.5	





#85

sec-Butylbenzene

Concen: 50.56 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 818322

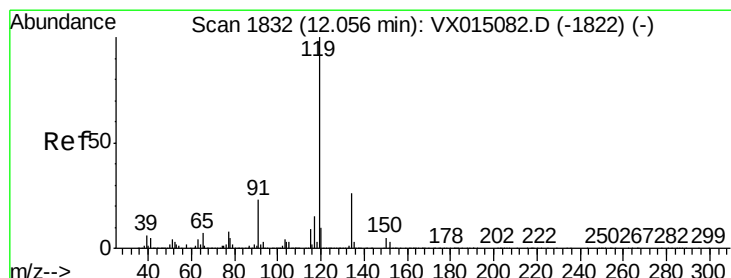
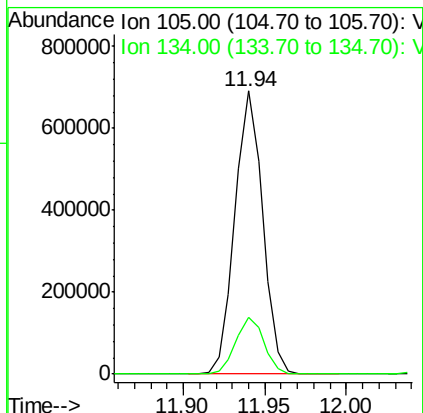
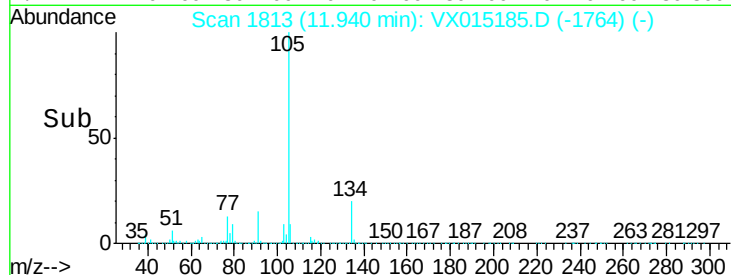
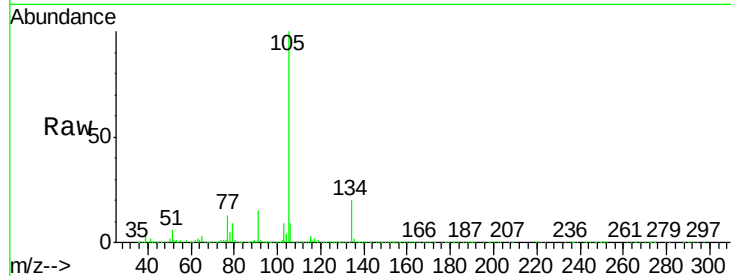
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.52 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

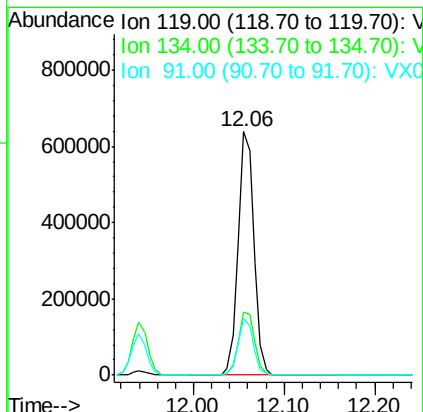
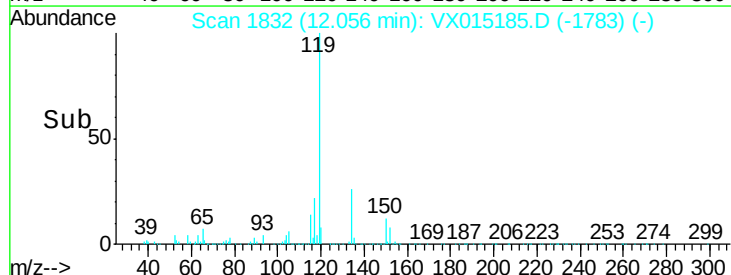
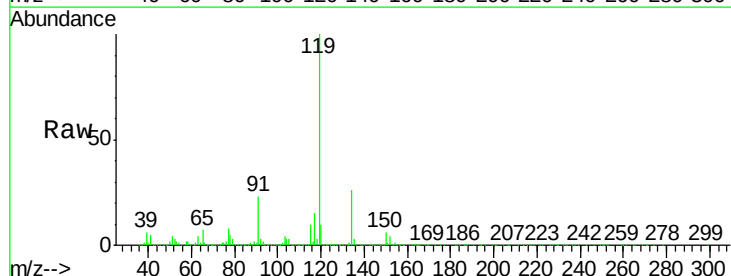
Tgt Ion:119 Resp: 768188

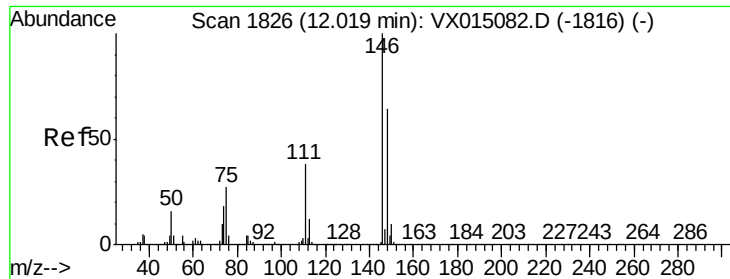
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.7 11.3 33.8





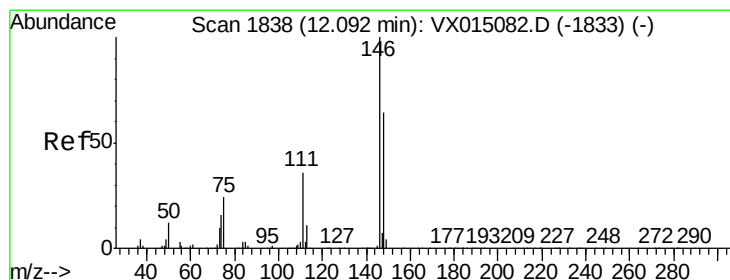
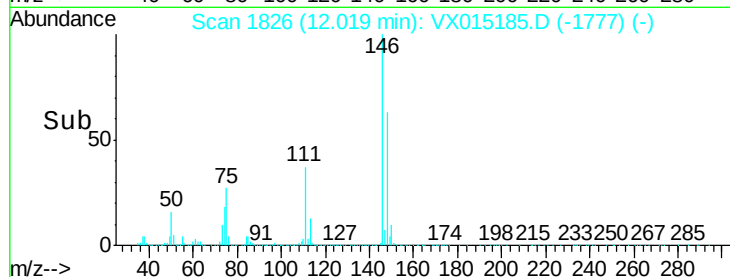
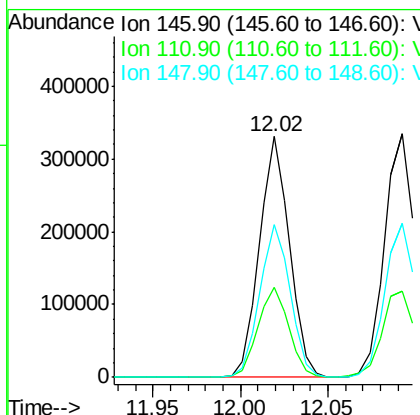
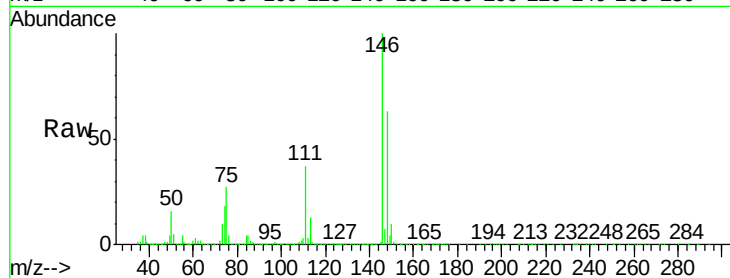
#87
 1,3-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.3	31.9	95.5

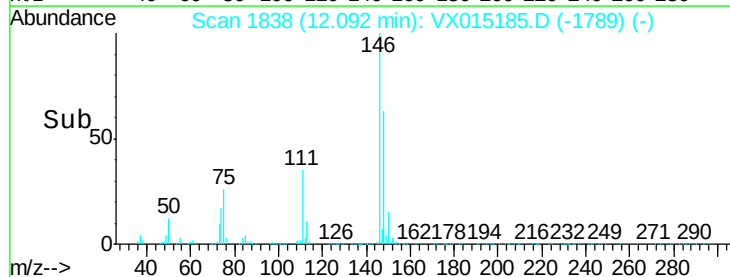
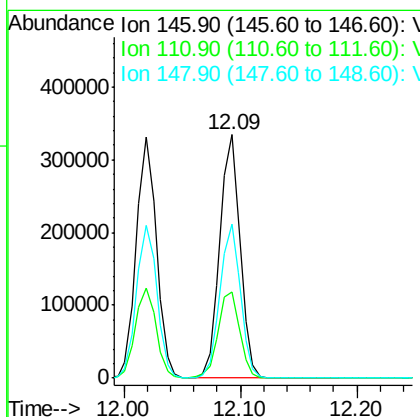
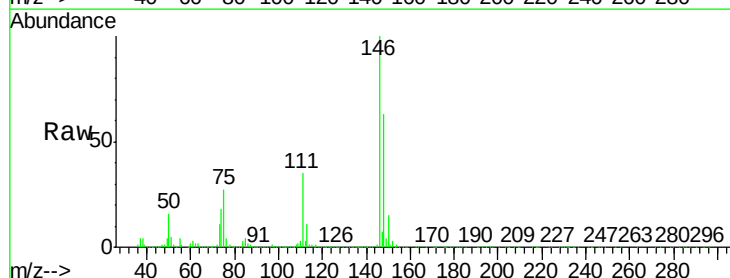
Manual Integrations
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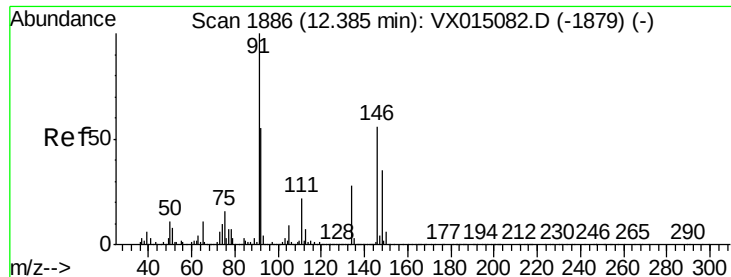
MMDadoda
 3/12/2020 2:50:47 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.72 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	63.7	32.5	97.4





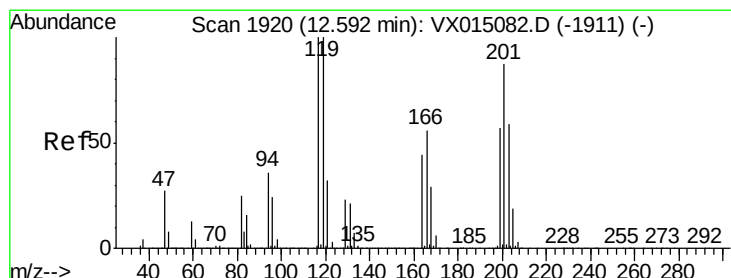
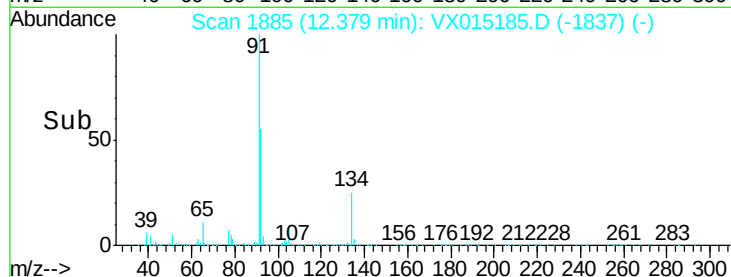
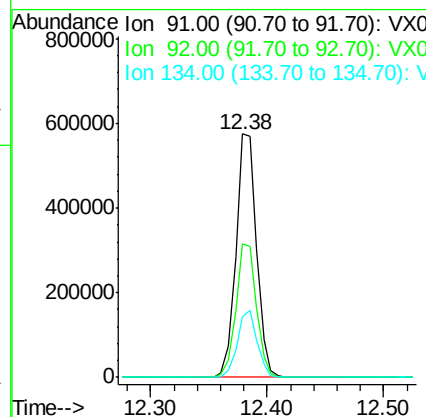
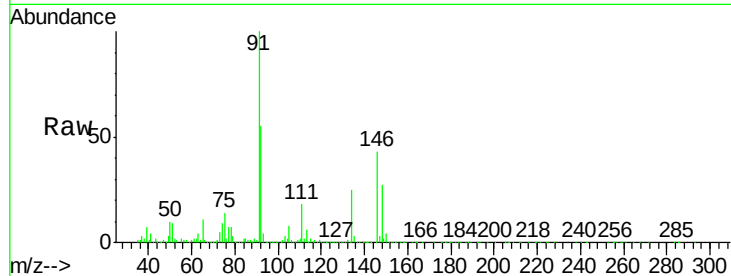
#89
n-Butylbenzene
Concen: 53.30 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	706849		
92	54.5	27.2	81.6	
134	26.3	13.5	40.5	

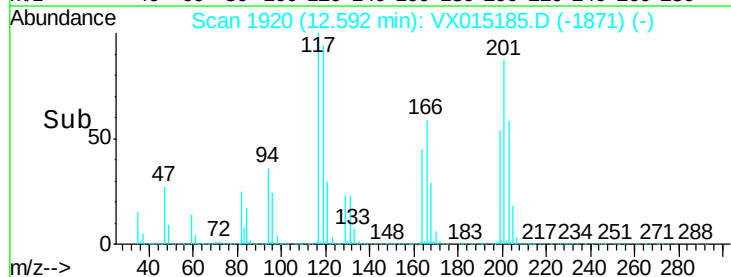
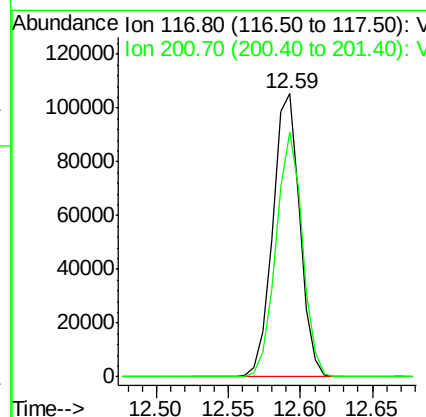
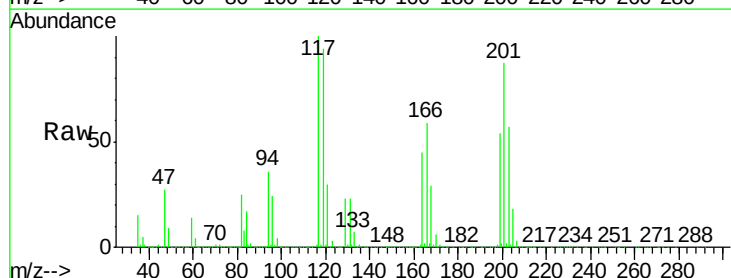
Manual Integrations
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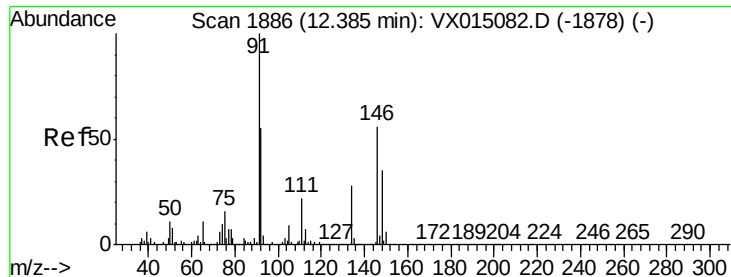
MMDadoda
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#90
Hexachloroethane
Concen: 48.45 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136577		
201	84.8	43.5	130.7	





#91

1,2-Dichlorobenzene

Concen: 48.87 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

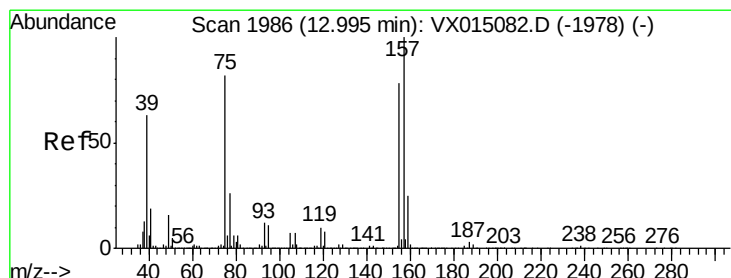
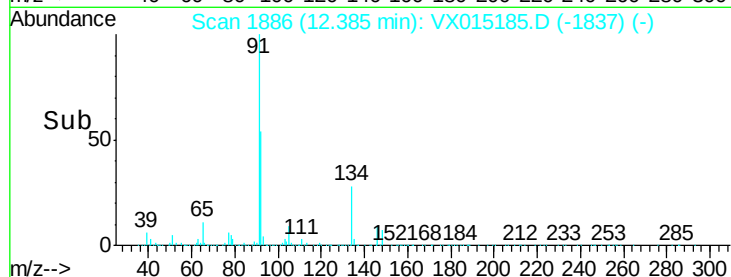
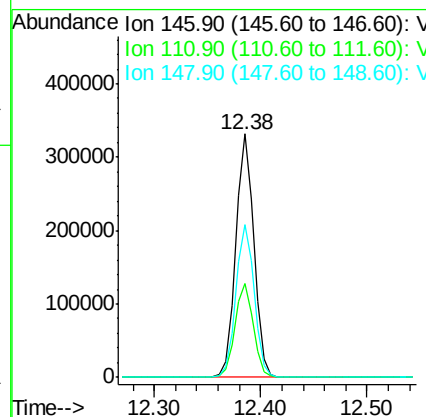
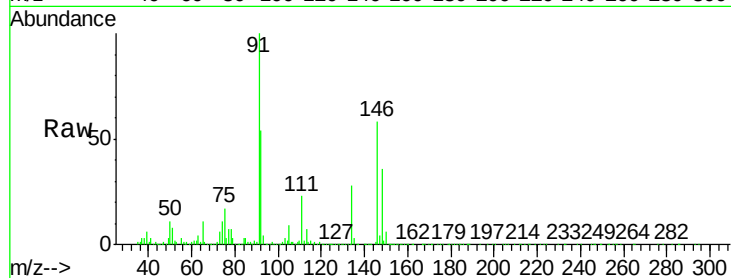
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	396465
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.9	59.7
148	63.6	32.3	96.8

Manual Integrations
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3/12/2020 2:50:47 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.95 ug/l

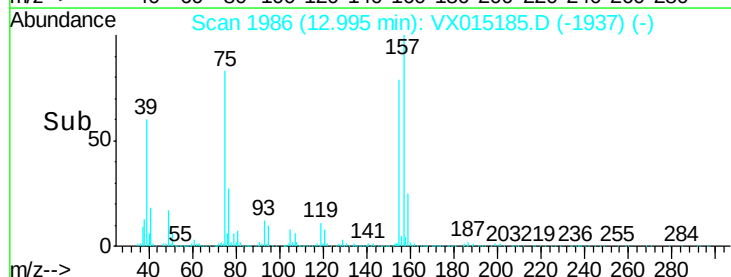
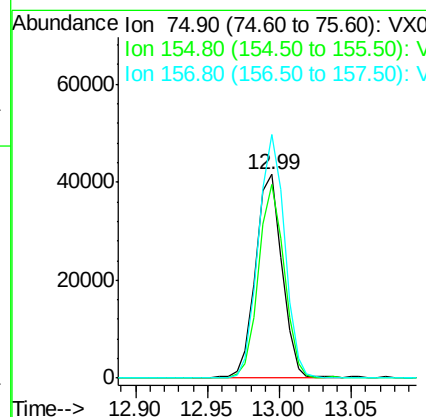
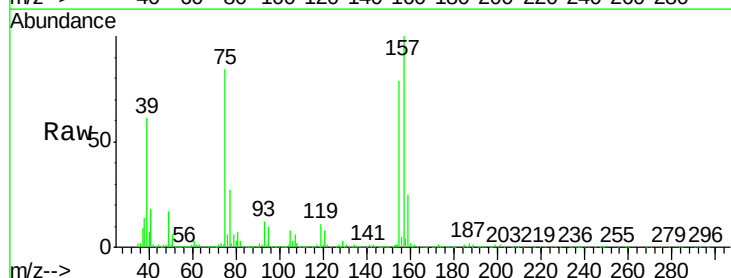
RT: 12.99 min Scan# 1986

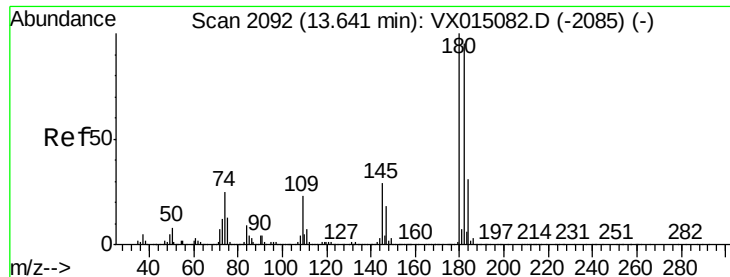
Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	75	Resp:	52183
Ion Ratio	Lower	Upper	
75	100		
155	92.9	46.6	139.7
157	119.9	59.2	177.5





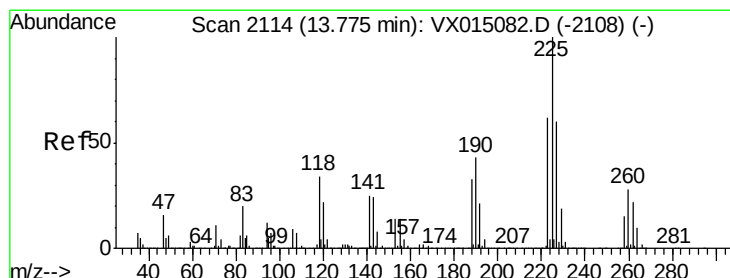
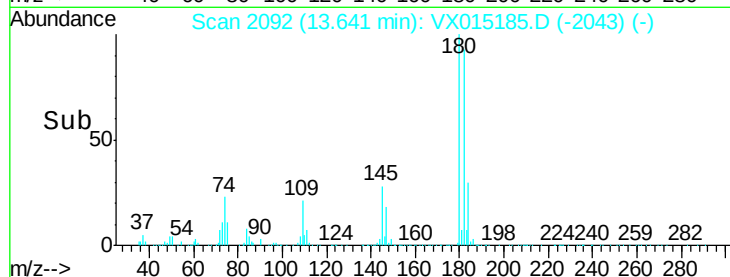
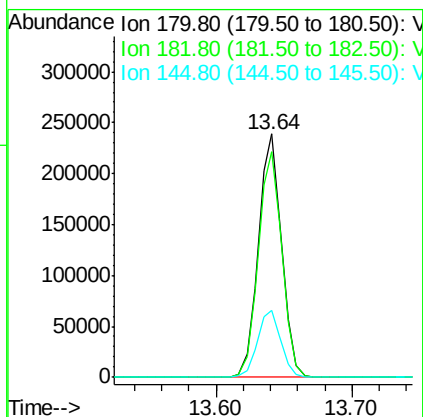
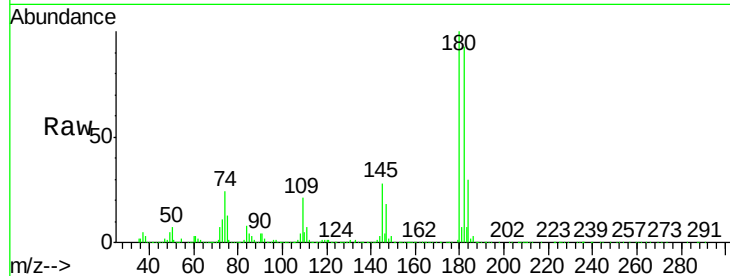
#93
1,2,4-Trichlorobenzene
Concen: 50.88 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286524		
182	94.6	47.6	142.8	
145	27.9	14.1	42.2	

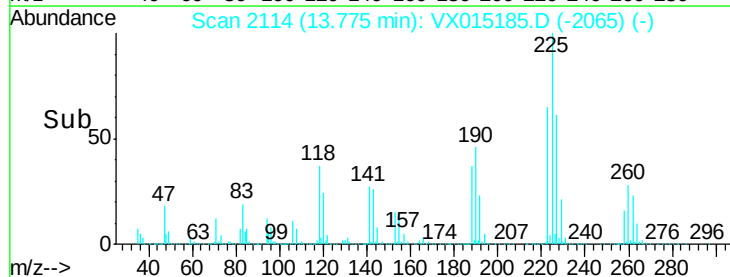
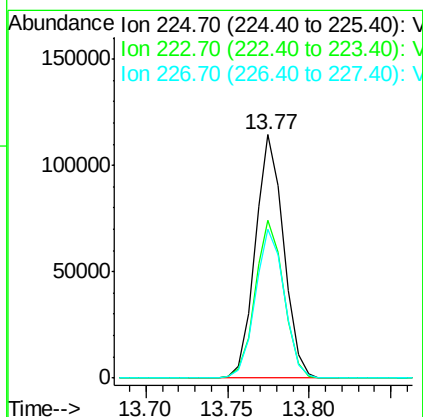
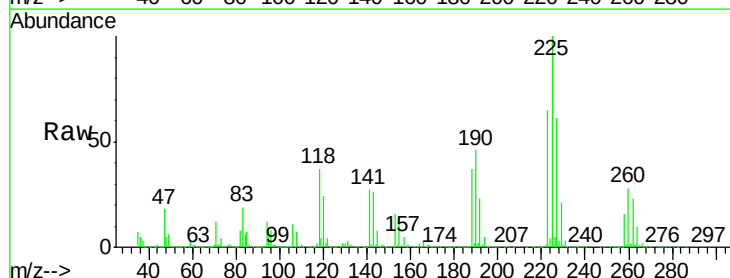
Manual Integrations
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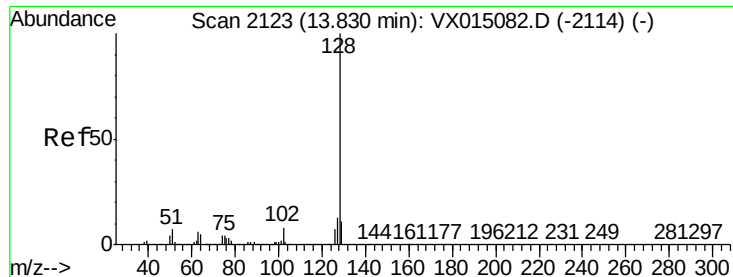
MMDadoda
3/12/2020 2:50:47 PM



#94
Hexachlorobutadiene
Concen: 47.85 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138260		
223	65.1	31.3	93.9	
227	62.4	31.1	93.2	





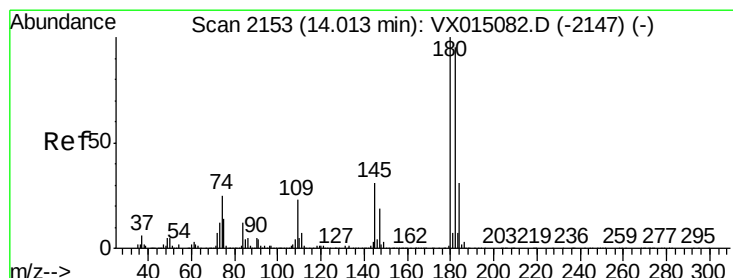
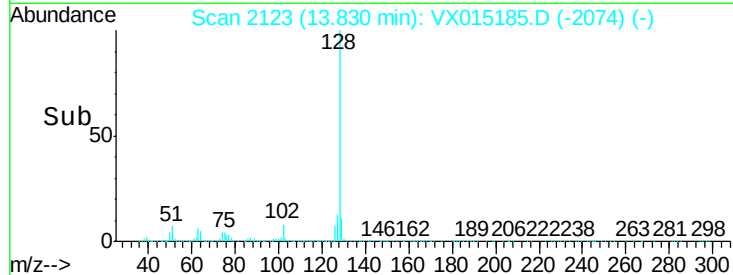
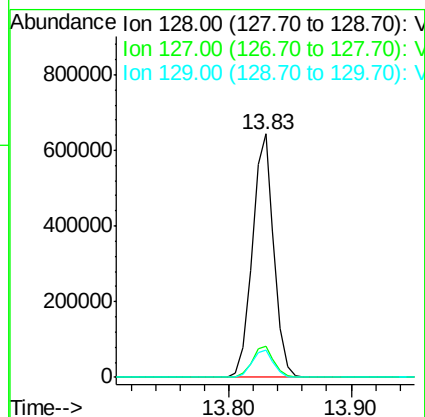
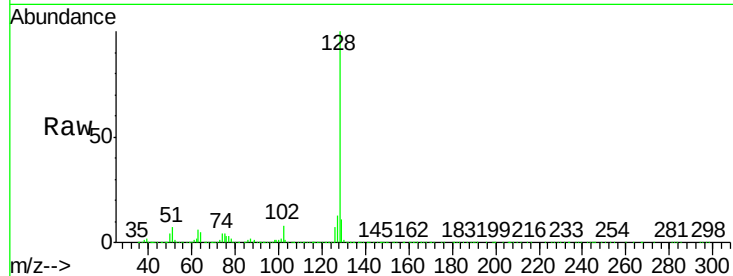
#95
Naphthalene
Concen: 45.44 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	781833		
127	12.8	10.3	15.5	
129	11.1	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
3/12/2020 2:50:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.74 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285116		
182	96.6	47.8	143.4	
145	30.4	15.1	45.3	

