

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015222.D
 Acq On : 12 Mar 2020 08:56
 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
 3/16/2020 11:43:27 AM

Quant Time: Mar 13 02:23:32 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	300603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	405849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	221367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	152607	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
35) Dibromofluoromethane	5.48	113	133630	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.71	98	485350	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	190543	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	123158	46.787	ug/l	100
3) Chloromethane	1.32	50	168006	45.057	ug/l	99
4) Vinyl Chloride	1.40	62	171798	45.438	ug/l	99
5) Bromomethane	1.63	94	107701	46.334	ug/l	99
6) Chloroethane	1.72	64	107811	47.535	ug/l	100
7) Trichlorofluoromethane	1.92	101	218829	48.641	ug/l	97
8) Diethyl Ether	2.18	74	97154	47.679	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139213	49.184	ug/l	98
10) Methyl Iodide	2.50	142	133835	41.852	ug/l	98
11) Tert butyl alcohol	3.03	59	142983	231.085	ug/l	100
12) 1,1-Dichloroethene	2.37	96	134758	46.131	ug/l	99
13) Acrolein	2.28	56	123584	212.535	ug/l	98
14) Allyl chloride	2.72	41	258314	50.714	ug/l	94
15) Acrylonitrile	3.13	53	383724	249.022	ug/l	98
16) Acetone	2.43	43	366920	254.052	ug/l	99
17) Carbon Disulfide	2.56	76	363825	44.848	ug/l	99
18) Methyl Acetate	2.76	43	170124	48.173	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	448546	49.137	ug/l	99
20) Methylene Chloride	2.85	84	157939	46.728	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	148318	47.551	ug/l	98
22) Diisopropyl ether	3.84	45	524919	51.727	ug/l	99
23) Vinyl Acetate	3.80	43	2134389	255.868	ug/l	99
24) 1,1-Dichloroethane	3.69	63	269968	47.933	ug/l	99
25) 2-Butanone	4.65	43	555200	262.579	ug/l	98
26) 2,2-Dichloropropane	4.57	77	215893	48.286	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	172326	49.246	ug/l	99
28) Bromochloromethane	5.00	49	129097	50.336	ug/l	96
29) Tetrahydrofuran	5.11	42	333150	244.429	ug/l	96
30) Chloroform	5.19	83	260911	47.529	ug/l	97
31) Cyclohexane	5.57	56	253045	50.370	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	219704	48.281	ug/l	98
36) 1,1-Dichloropropene	5.79	75	205140	54.676	ug/l	99
37) Ethyl Acetate	4.81	43	203563	58.490	ug/l	98
38) Carbon Tetrachloride	5.77	117	192487	54.352	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015222.D
 Acq On : 12 Mar 2020 08:56
 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
 3/16/2020 11:43:27 AM

Quant Time: Mar 13 02:23:32 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)
39) Methylcyclohexane	7.45	83	237056	54.110	ug/l	98
40) Benzene	6.13	78	604524	54.308	ug/l	98
41) Methacrylonitrile	5.02	41	115625	55.311	ug/l	98
42) 1,2-Dichloroethane	6.18	62	199645	52.227	ug/l	98
43) Isopropyl Acetate	6.42	43	312727	51.078	ug/l	99
44) Trichloroethene	7.20	130	160753	51.855	ug/l	98
45) 1,2-Dichloropropane	7.50	63	151554	52.600	ug/l	97
46) Dibromomethane	7.65	93	91940	48.972	ug/l	96
47) Bromodichloromethane	7.89	83	187887	50.609	ug/l	100
48) Methyl methacrylate	7.76	41	155913	50.034	ug/l	97
49) 1,4-Dioxane	7.73	88	66293	983.952	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	946647	261.507	ug/l	100
52) Toluene	8.78	92	363730	53.442	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	215064	54.425	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	241235	54.000	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	143130	51.093	ug/l	100
56) Ethyl methacrylate	9.17	69	225822	56.515	ug/l	95
57) 1,3-Dichloropropane	9.36	76	242595	51.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	584441	268.485	ug/l	100
59) 2-Hexanone	9.48	43	737544	274.888	ug/l	98
60) Dibromochloromethane	9.57	129	156182	53.074	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148230	50.377	ug/l	99
64) Tetrachloroethene	9.33	164	170399	54.402	ug/l	96
65) Chlorobenzene	10.13	112	393001	51.673	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	146748	51.170	ug/l	98
67) Ethyl Benzene	10.25	91	705953	54.661	ug/l	99
68) m/p-Xylenes	10.35	106	536771	109.240	ug/l	99
69) o-Xylene	10.69	106	267729	56.908	ug/l	100
70) Styrene	10.70	104	481609	59.705	ug/l	99
71) Bromoform	10.85	173	126466	56.866	ug/l #	98
73) Isopropylbenzene	11.01	105	736795	52.103	ug/l	100
74) N-amyl acetate	10.89	43	300891	50.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	217992	46.256	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188444m	42.677	ug/l	
77) Bromobenzene	11.25	156	195712	49.661	ug/l	98
78) n-propylbenzene	11.35	91	862106	53.362	ug/l	100
79) 2-Chlorotoluene	11.42	91	495171	51.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	619262	52.605	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78766	50.625	ug/l	96
82) 4-Chlorotoluene	11.51	91	587720	51.561	ug/l	100
83) tert-Butylbenzene	11.76	119	584236	51.327	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	625461	52.888	ug/l	100
85) sec-Butylbenzene	11.94	105	734792	53.475	ug/l	99
86) p-Isopropyltoluene	12.06	119	699700	55.270	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	353556	51.033	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	361365	50.522	ug/l	99
89) n-Butylbenzene	12.38	91	624716	55.484	ug/l	99
90) Hexachloroethane	12.59	117	117270	48.998	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	348009	50.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46788	49.580	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
Data File : VX015222.D
Acq On : 12 Mar 2020 08:56
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

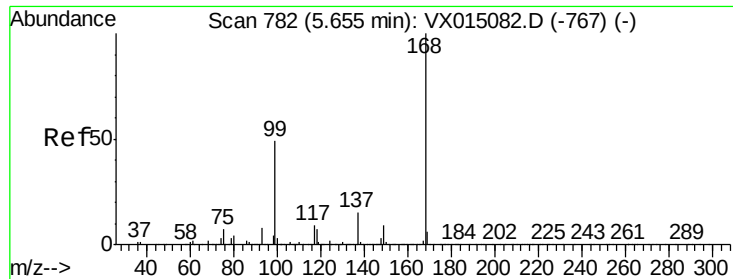
Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM

Quant Time: Mar 13 02:23:32 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)
93) 1,2,4-Trichlorobenzene	13.64	180	269416	56.350	ug/l	99
94) Hexachlorobutadiene	13.77	225	138518	56.459	ug/l	99
95) Naphthalene	13.83	128	708844	48.422	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	265398	55.635	ug/l	99

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



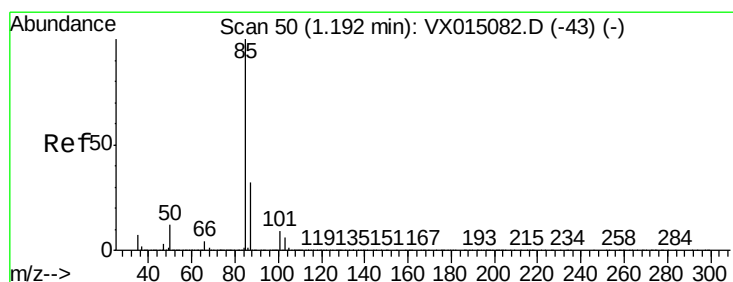
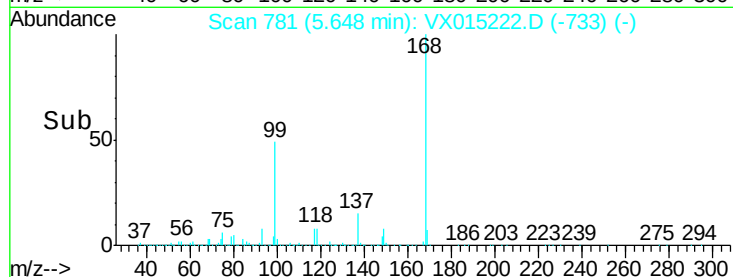
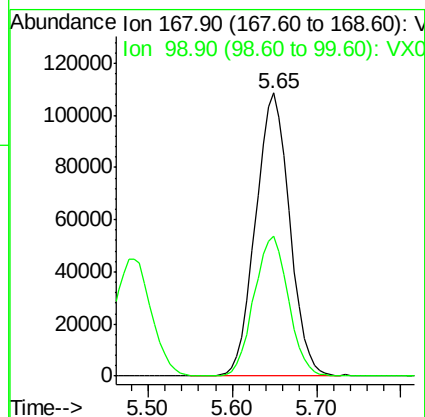
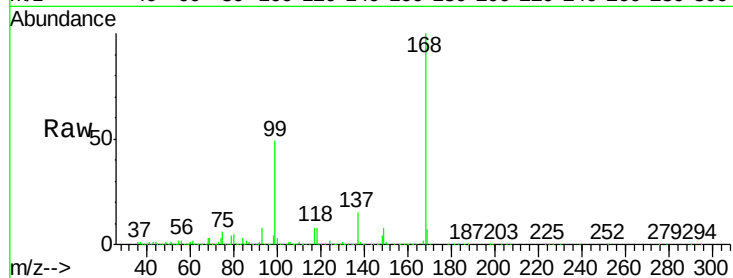
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.4	59.2

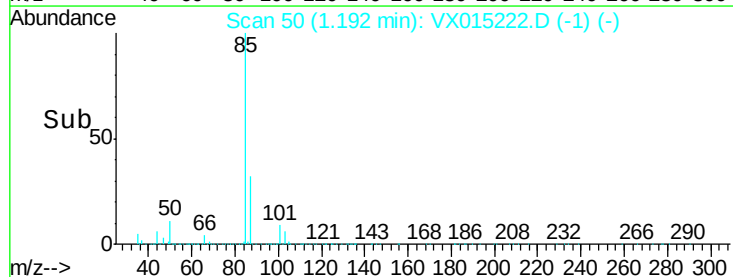
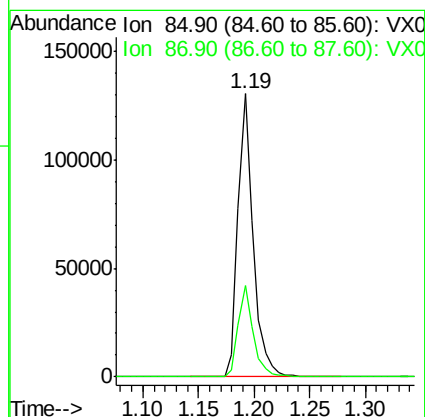
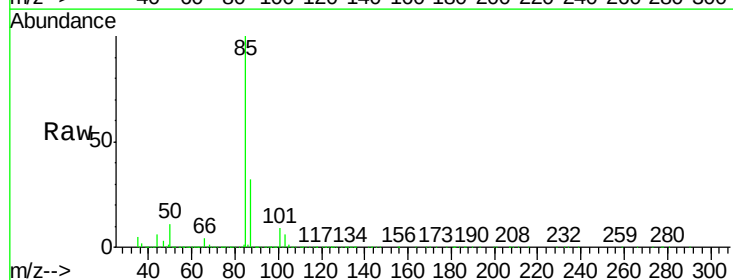
Manual Integrations
APPROVED

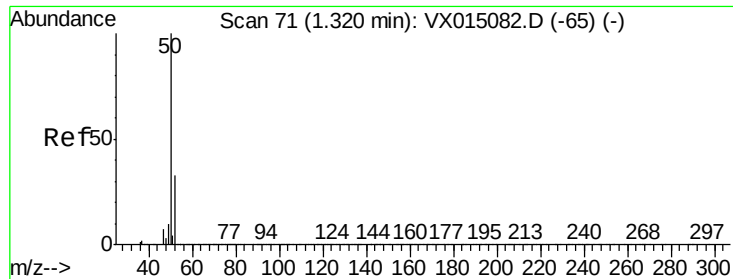
MMDadoda
3/16/2020 11:43:27 AM



#2
Dichlorodifluoromethane
Concen: 46.787 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.5





#3

Chloromethane

Concen: 45.057 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 168006

Ion Ratio Lower Upper

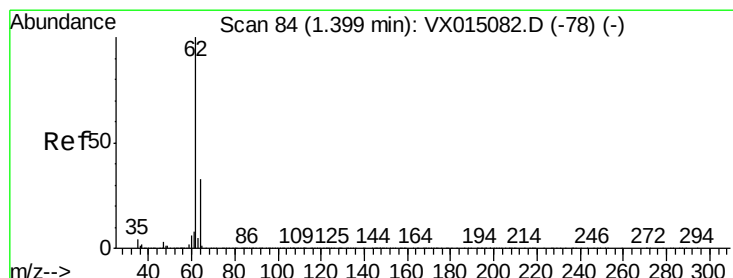
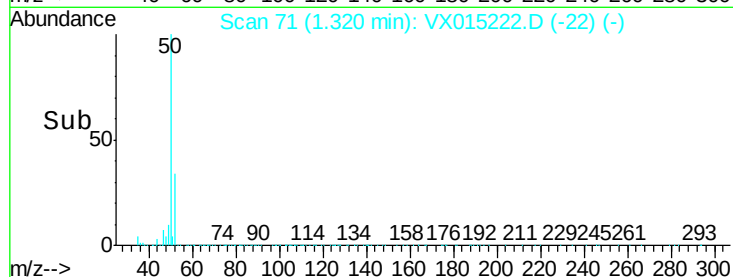
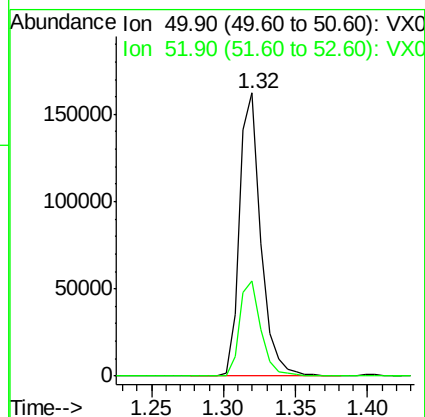
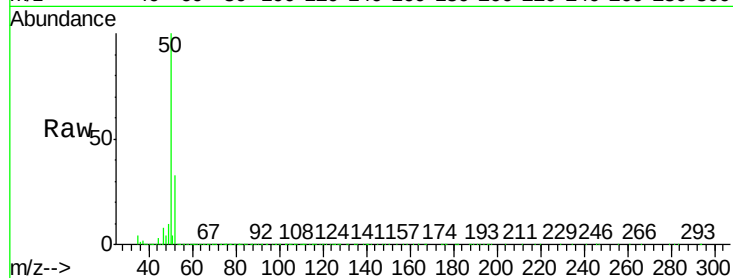
50 100

52 33.5 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

3/16/2020 11:43:27 AM



#4

Vinyl Chloride

Concen: 45.438 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015222.D

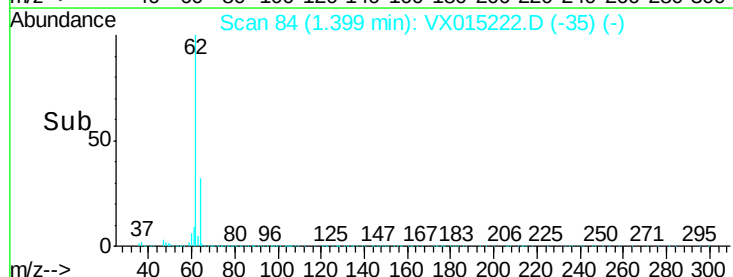
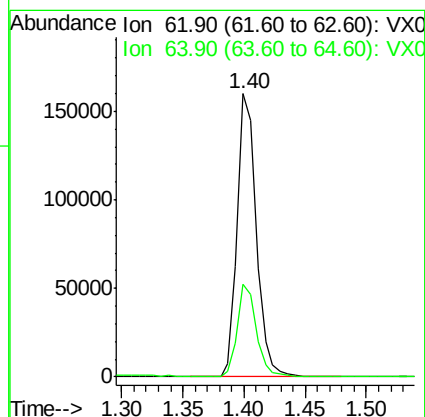
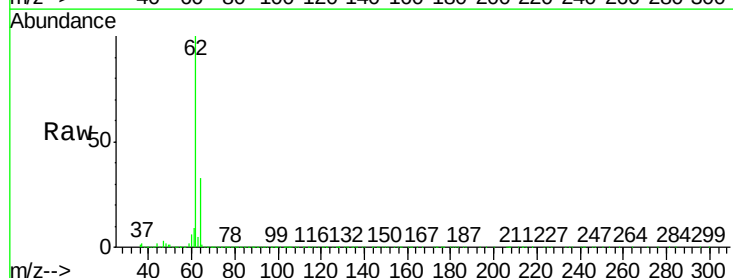
Acq: 12 Mar 2020 08:56

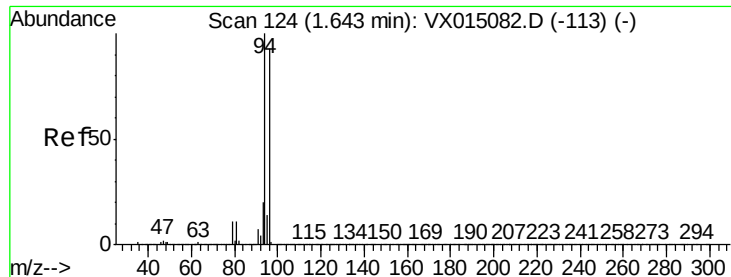
Tgt Ion: 62 Resp: 171798

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1





#5

Bromomethane

Concen: 46.334 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 107701

Ion Ratio Lower Upper

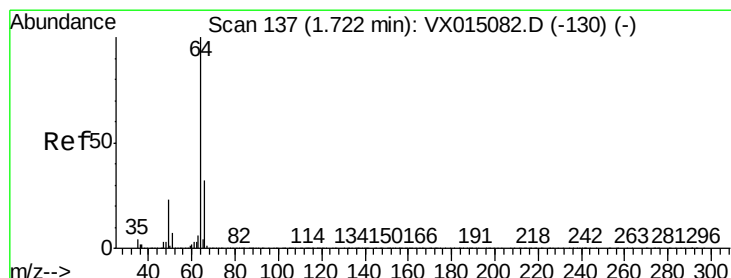
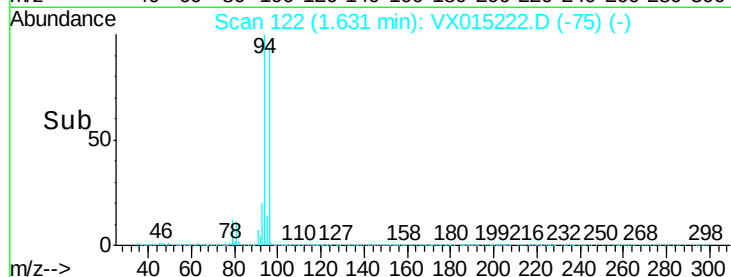
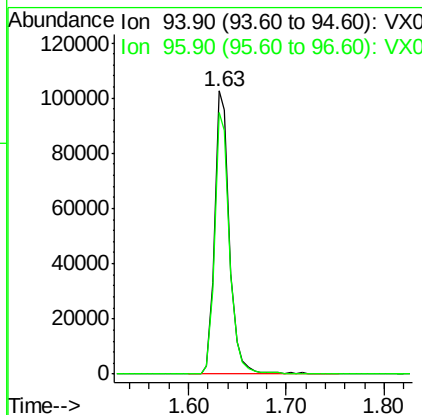
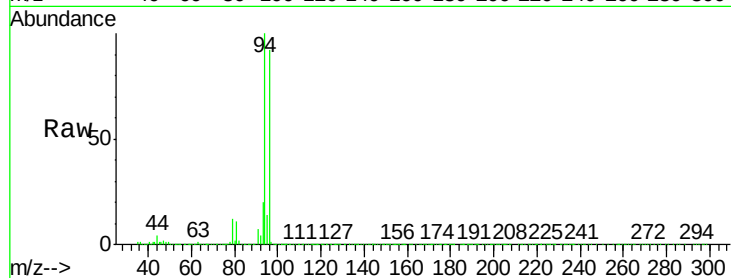
94 100

96 92.4 74.6 111.8

Manual Integrations
APPROVED

MMDadoda

3/16/2020 11:43:27 AM



#6

Chloroethane

Concen: 47.535 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015222.D

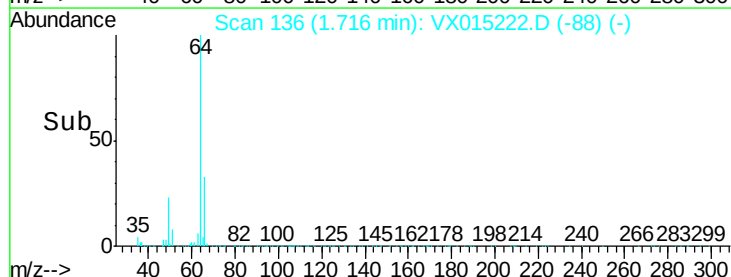
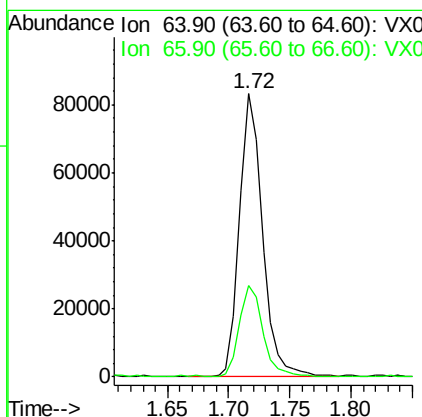
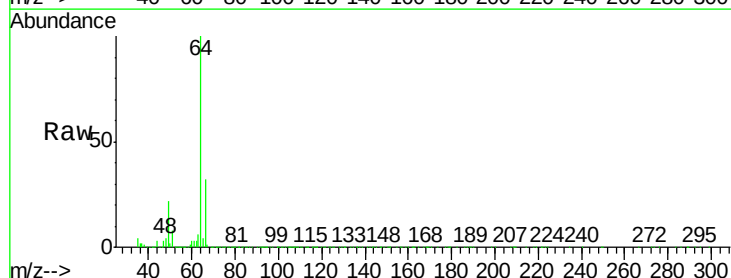
Acq: 12 Mar 2020 08:56

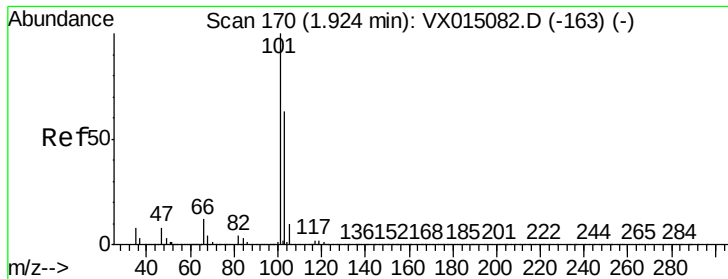
Tgt Ion: 64 Resp: 107811

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8





#7

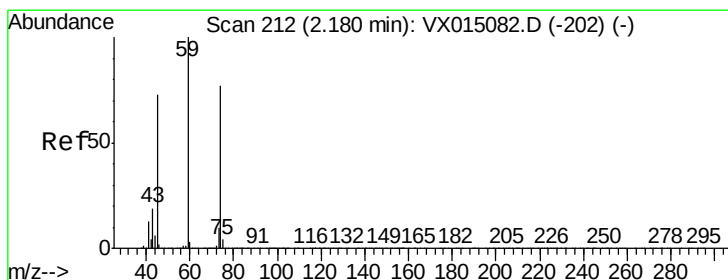
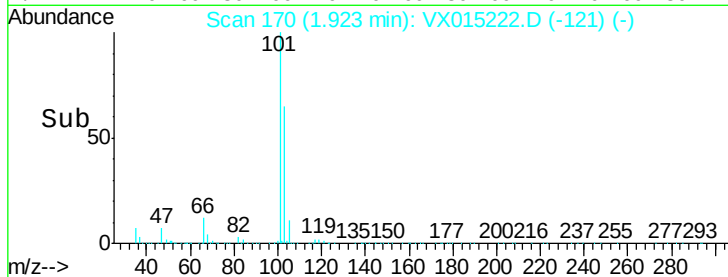
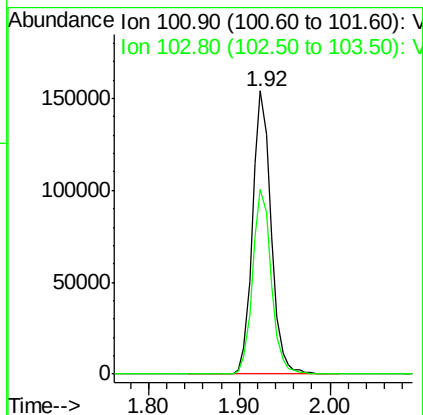
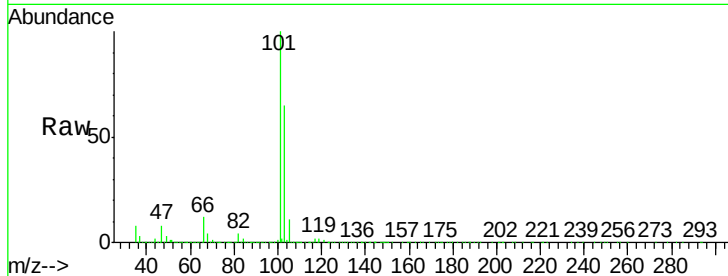
Trichlorofluoromethane
Concen: 48.641 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	50.4	75.6

Manual Integrations
APPROVED

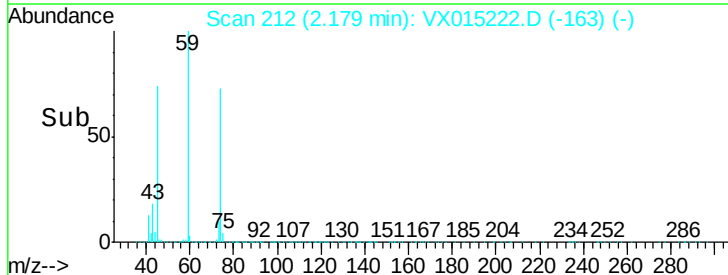
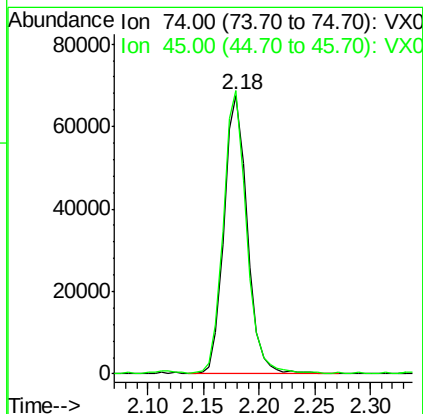
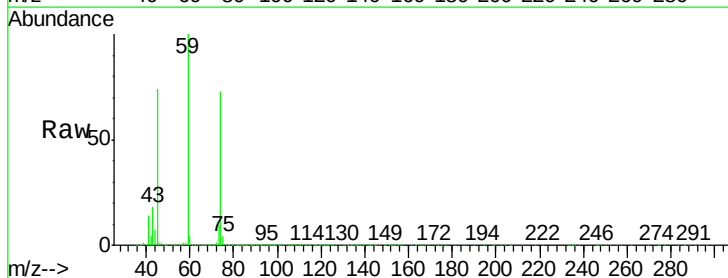
MMDadoda
3/16/2020 11:43:27 AM

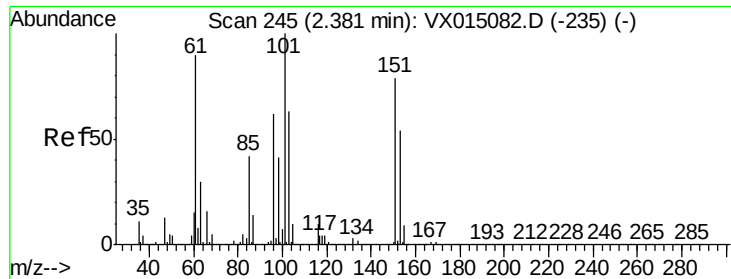


#8

Diethyl Ether
Concen: 47.679 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.8	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.184 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

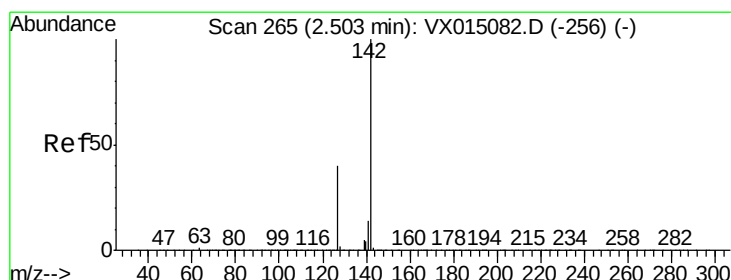
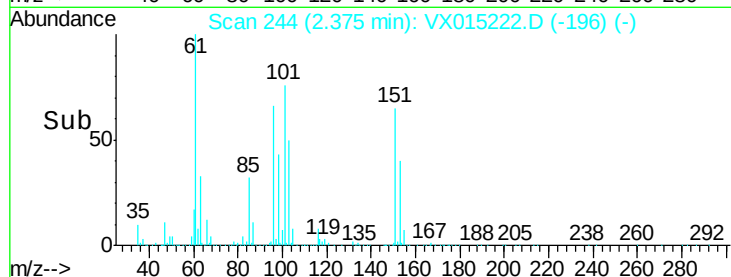
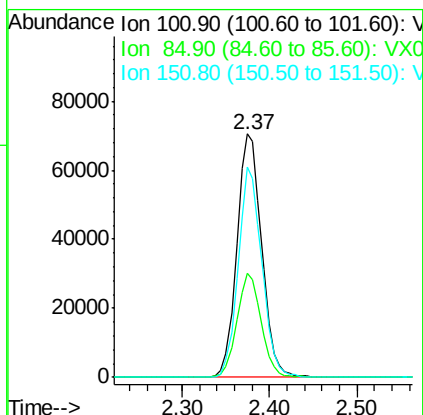
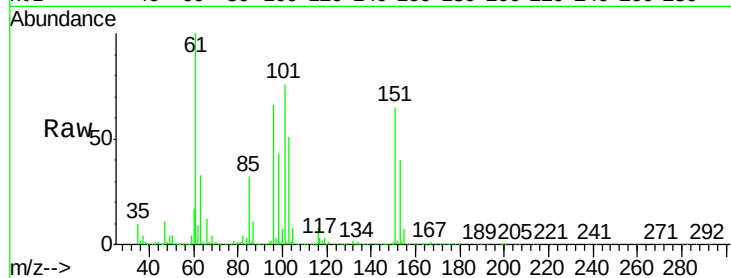
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	139213
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	82.5	64.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#10

Methyl Iodide

Concen: 41.852 ug/l

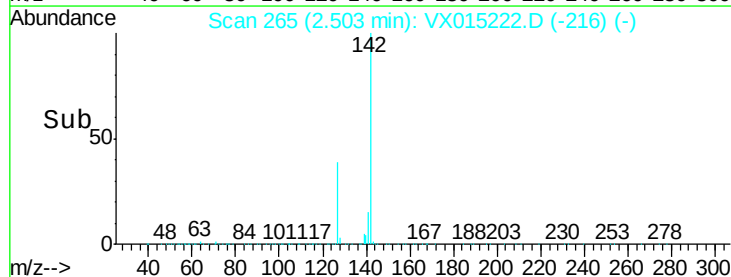
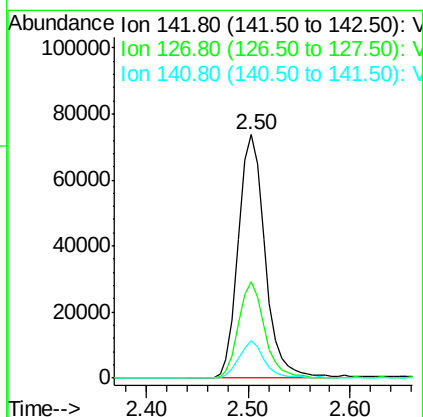
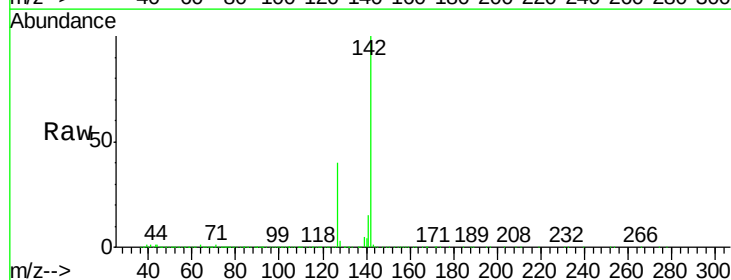
RT: 2.50 min Scan# 265

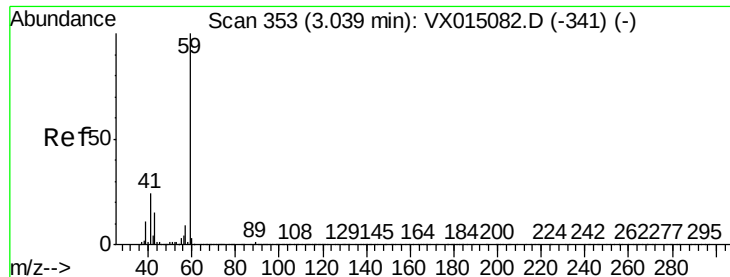
Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	142	Resp:	133835
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.7	47.5
141	14.7	11.3	16.9





#11

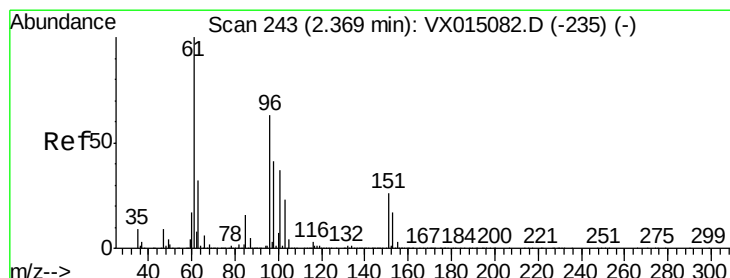
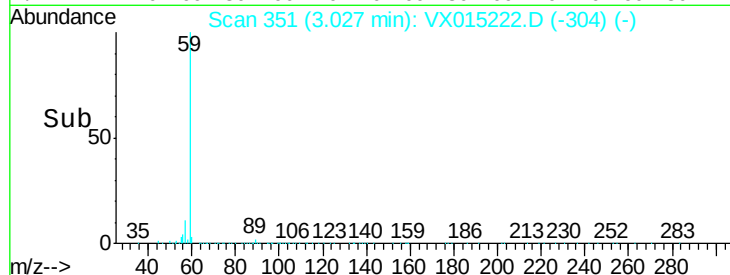
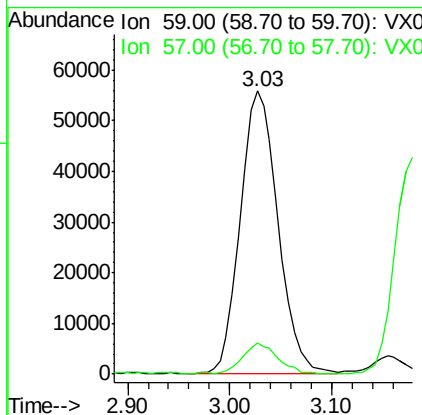
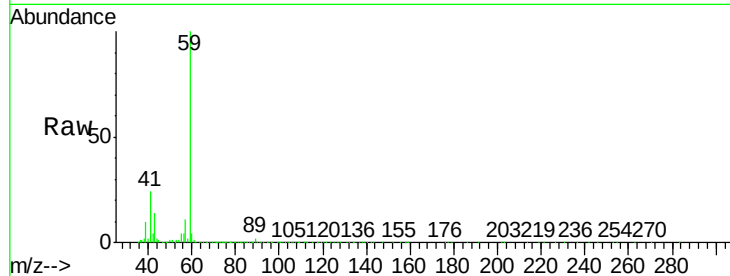
Tert butyl alcohol
Concen: 231.085 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
APPROVED

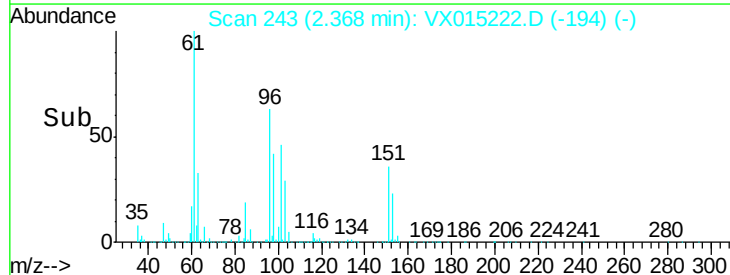
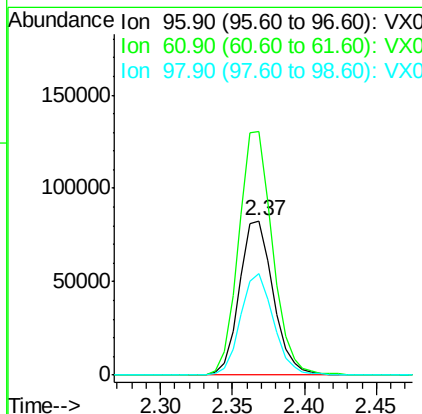
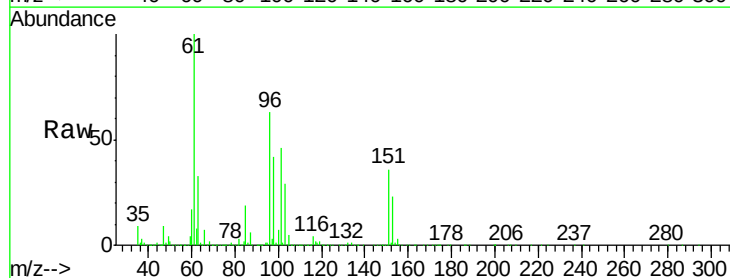
MMDadoda
3/16/2020 11:43:27 AM

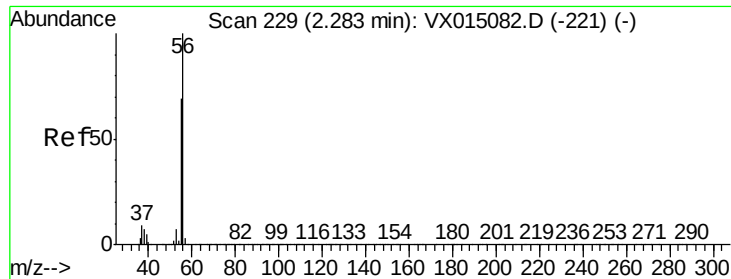


#12

1,1-Dichloroethene
Concen: 46.131 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	126.2	189.4
98	65.4	51.4	77.0





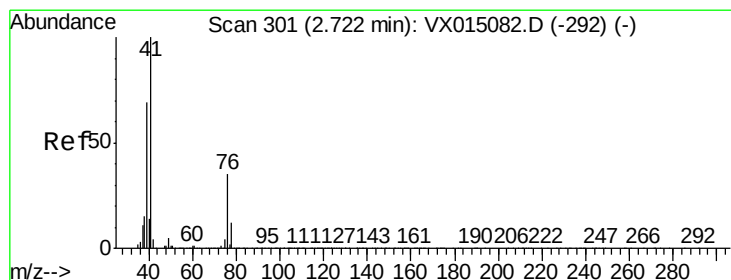
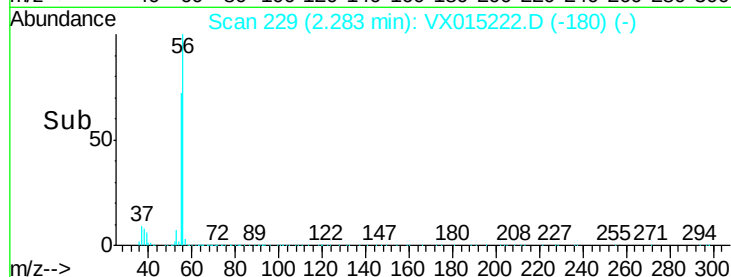
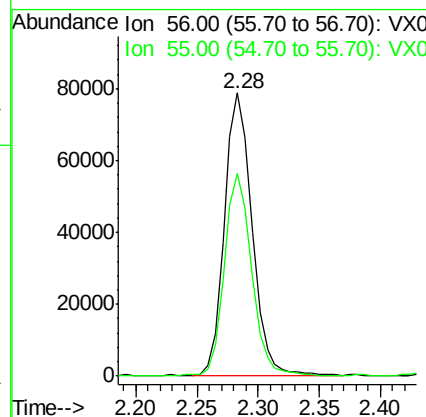
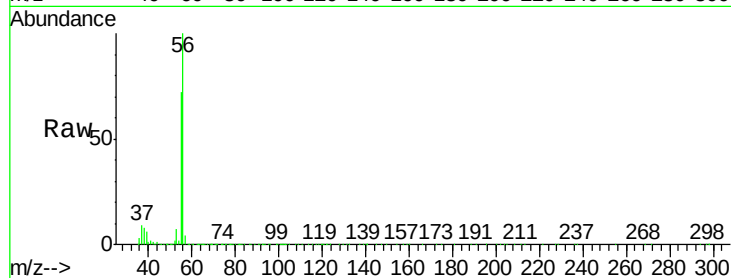
#13
Acrolein
Concen: 212.535 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	55.4	83.0

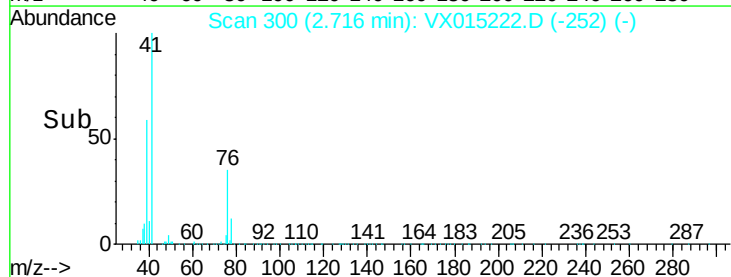
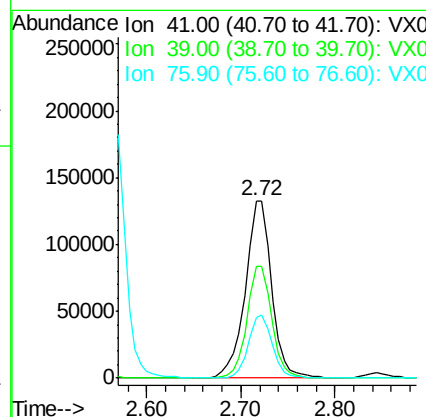
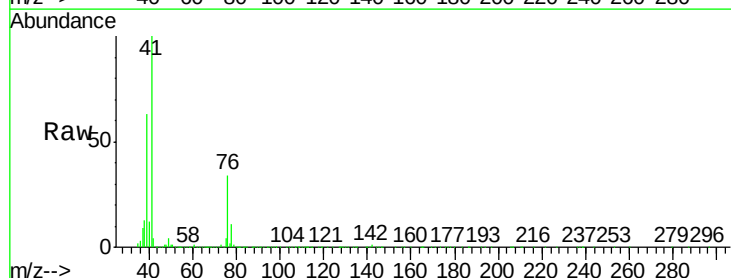
Manual Integrations
APPROVED

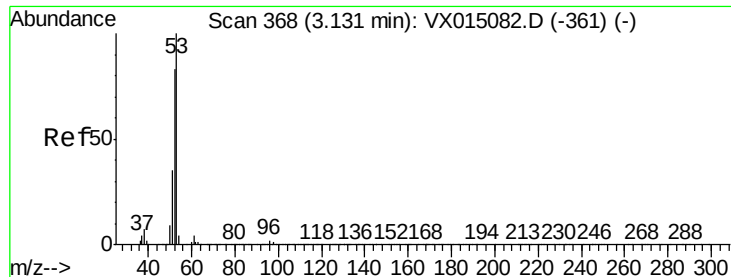
MMDadoda
3/16/2020 11:43:27 AM



#14
Allyl chloride
Concen: 50.714 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	52.9	79.3
76	32.1	26.8	40.2





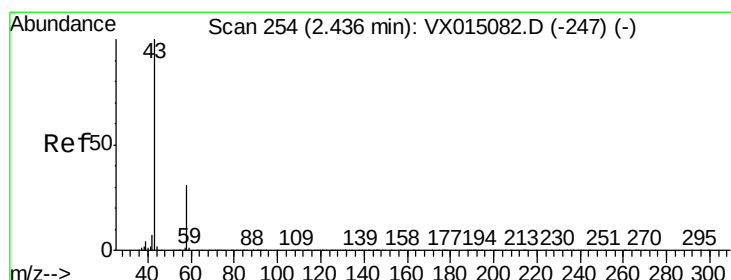
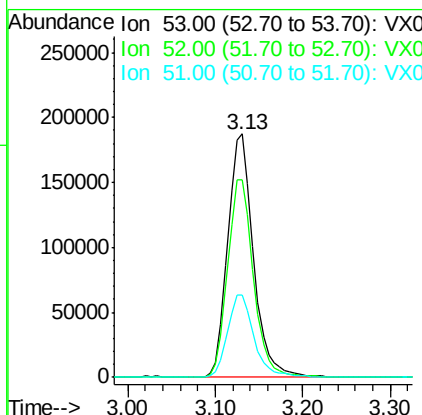
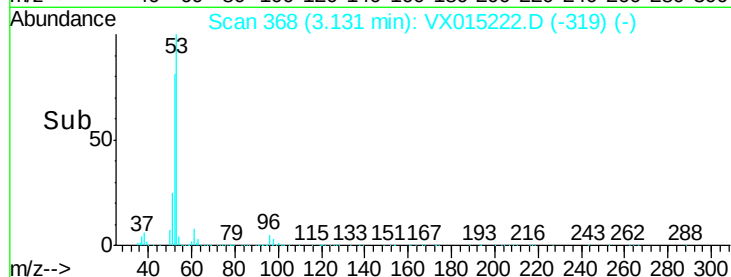
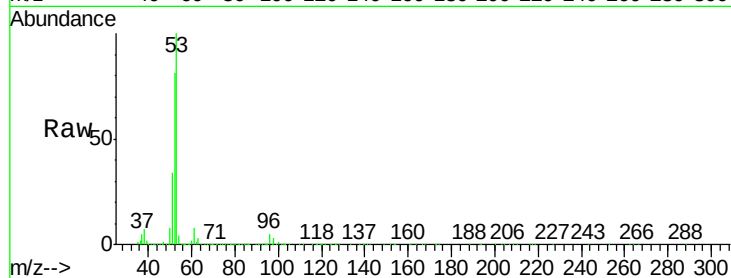
#15
Acrylonitrile
Concen: 249.022 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	53	Resp:	383724
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.6	100.0
51	34.9	29.0	43.6

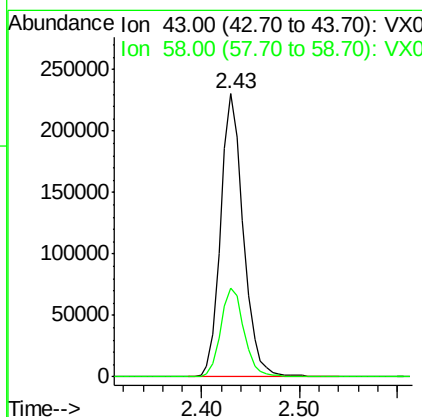
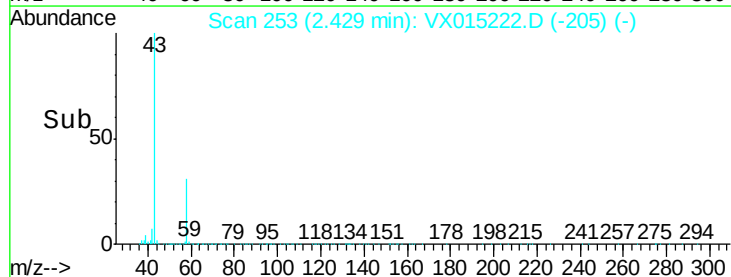
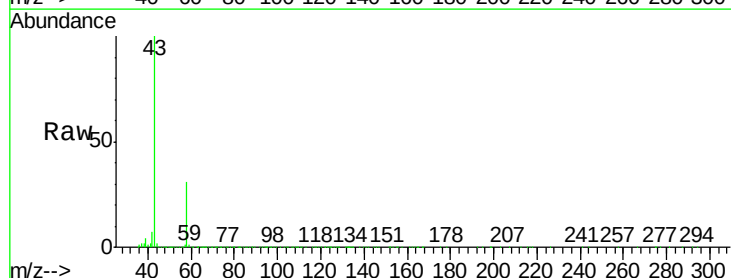
Manual Integrations
APPROVED

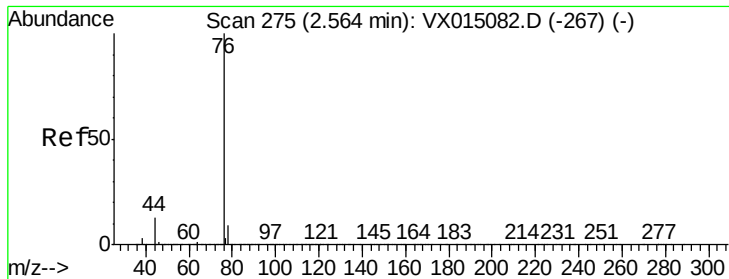
MMDadoda
3/16/2020 11:43:27 AM



#16
Acetone
Concen: 254.052 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion:	43	Resp:	366920
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.8	37.2





#17

Carbon Disulfide

Concen: 44.848 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 363825

Ion Ratio Lower Upper

76 100

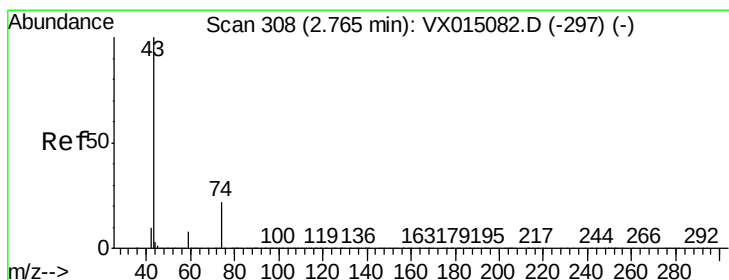
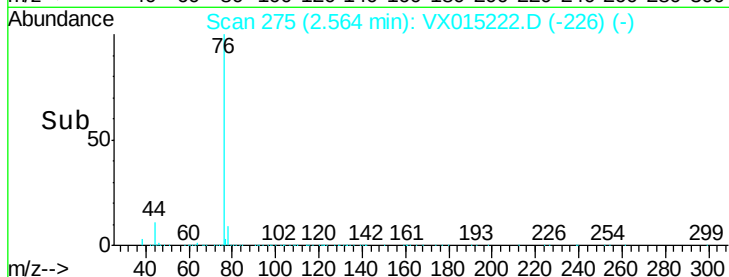
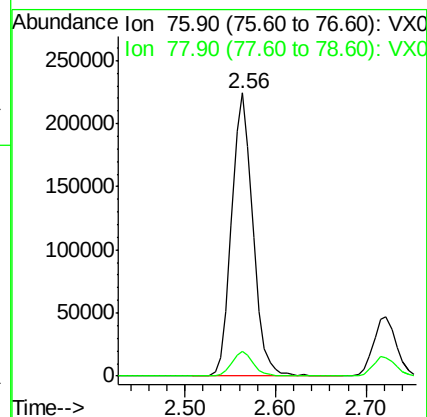
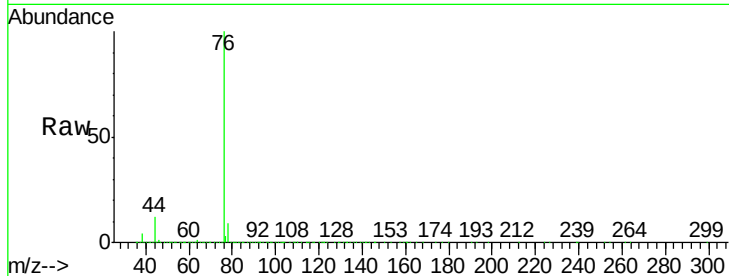
78 8.9 7.3 10.9

Manual Integrations

APPROVED

MMDadoda

3/16/2020 11:43:27 AM



#18

Methyl Acetate

Concen: 48.173 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015222.D

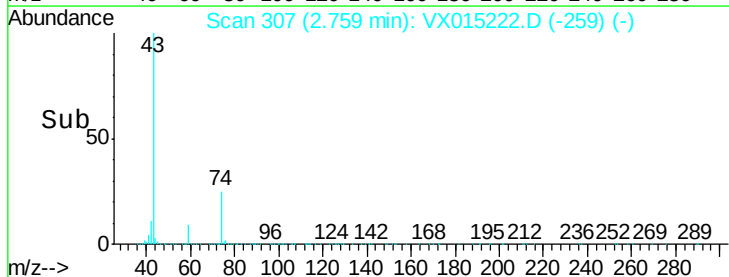
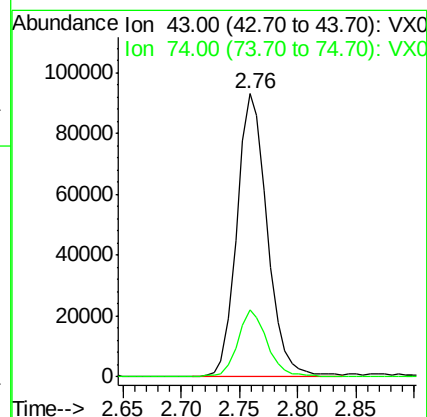
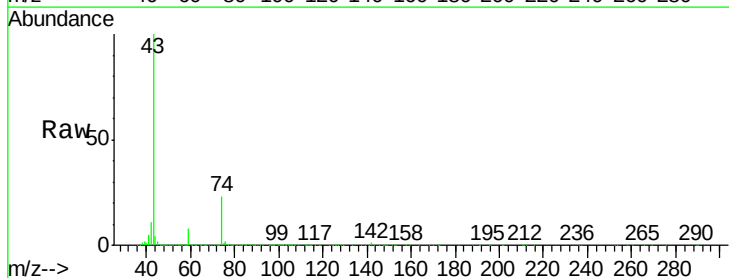
Acq: 12 Mar 2020 08:56

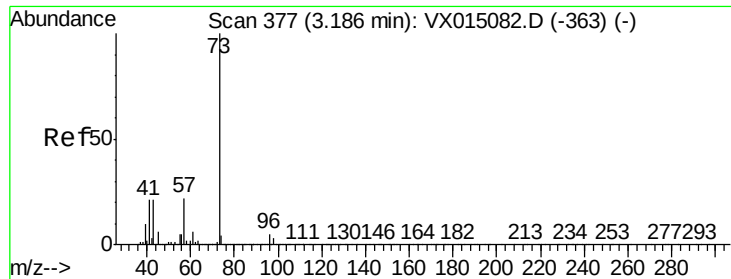
Tgt Ion: 43 Resp: 170124

Ion Ratio Lower Upper

43 100

74 23.4 18.8 28.2





#19

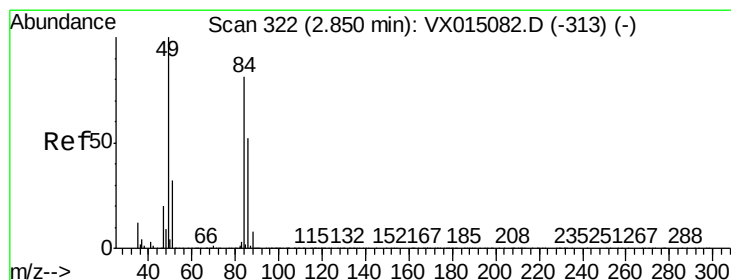
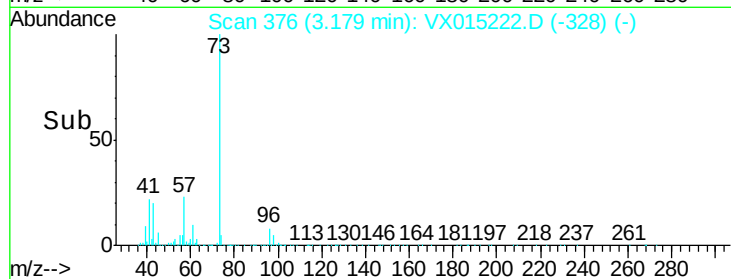
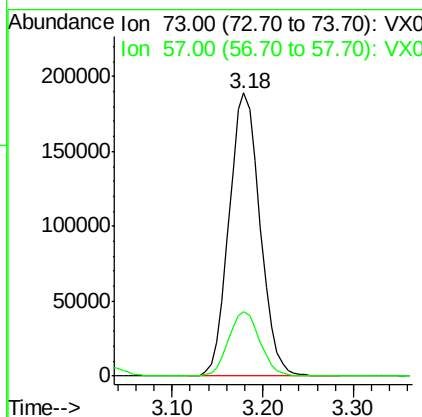
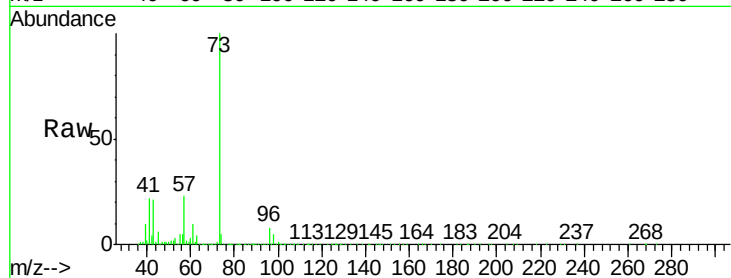
Methyl tert-butyl Ether
 Concen: 49.137 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.6

Manual Integrations
 APPROVED

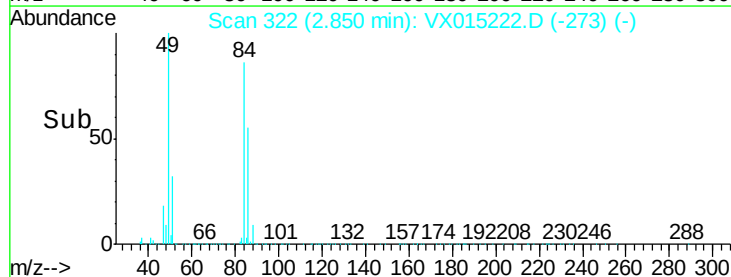
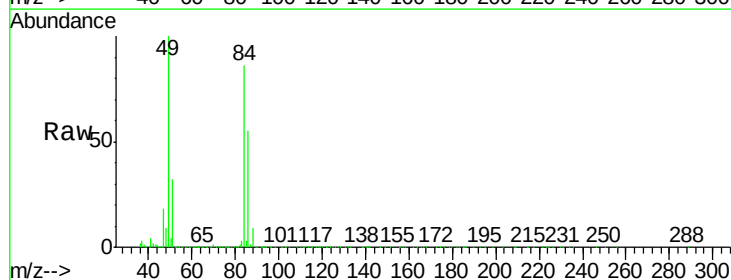
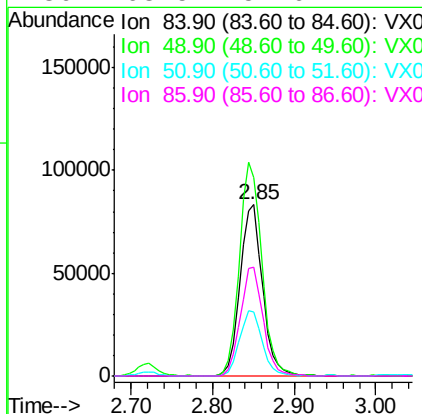
MMDadoda
 3/16/2020 11:43:27 AM

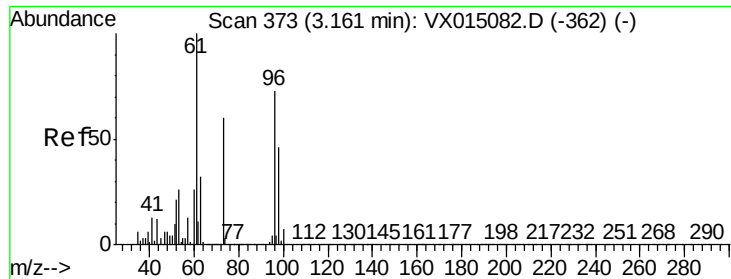


#20

Methylene Chloride
 Concen: 46.728 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	99.4	149.2
51	37.4	31.5	47.3
86	63.5	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 47.551 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

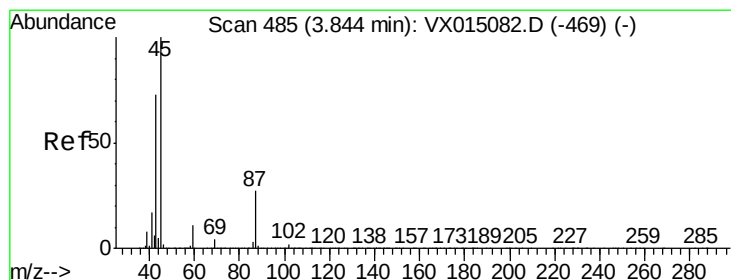
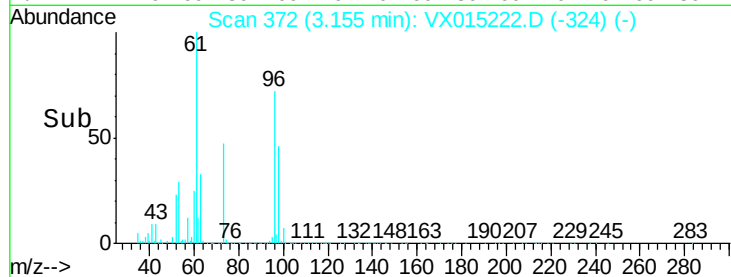
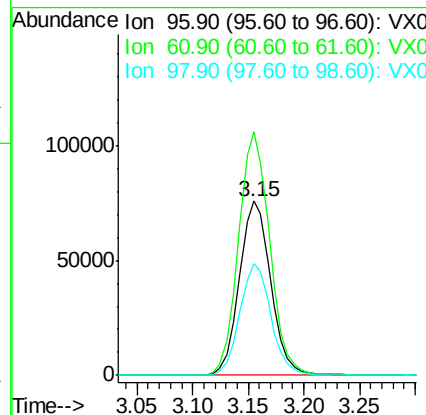
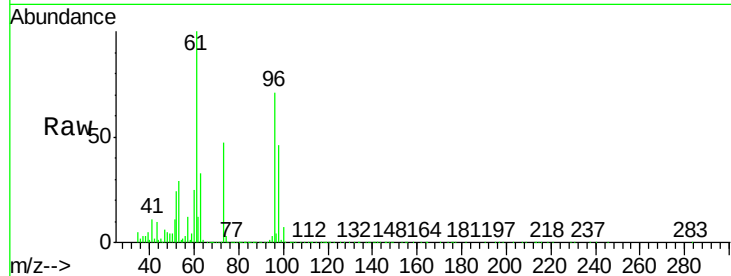
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	148318
Ion Ratio	Lower	Upper	
96	100		
61	139.8	109.9	164.9
98	64.2	50.2	75.2

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#22

Diisopropyl ether

Concen: 51.727 ug/l

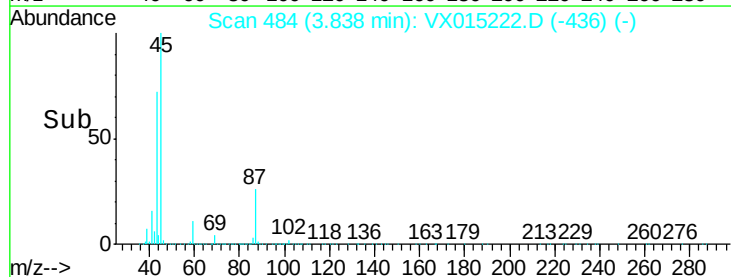
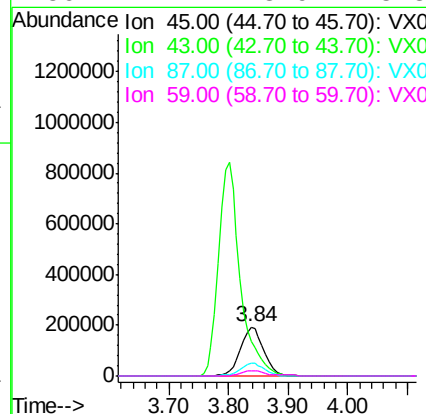
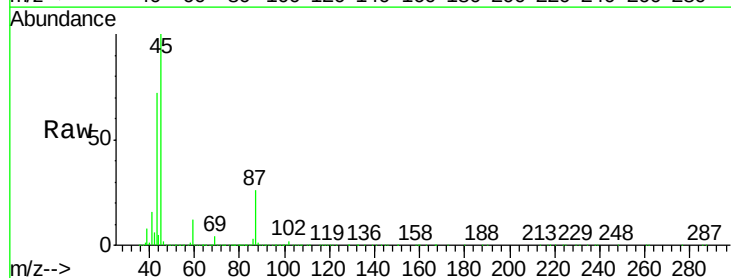
RT: 3.84 min Scan# 484

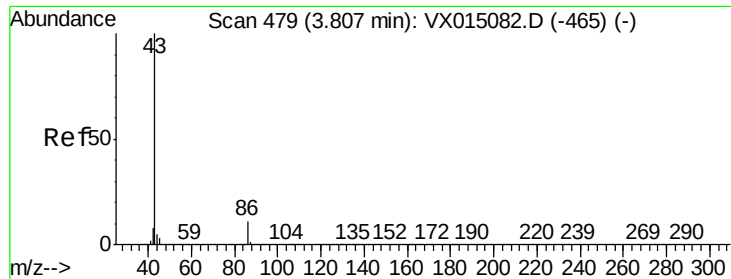
Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	45	Resp:	524919
Ion Ratio	Lower	Upper	
45	100		
43	71.6	58.2	87.2
87	26.4	21.2	31.8
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 255.868 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2134389

Ion Ratio Lower Upper

43 100

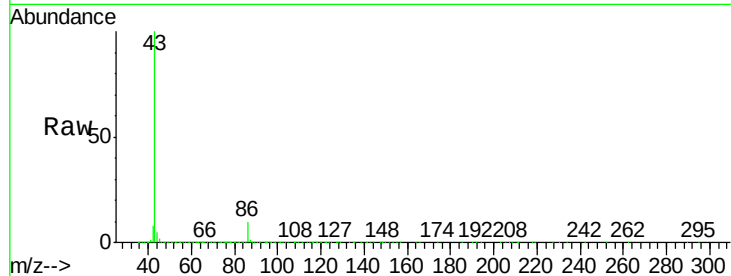
86 10.4 8.6 12.8

Manual Integrations

APPROVED

MMDadoda

3/16/2020 11:43:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

400000

200000

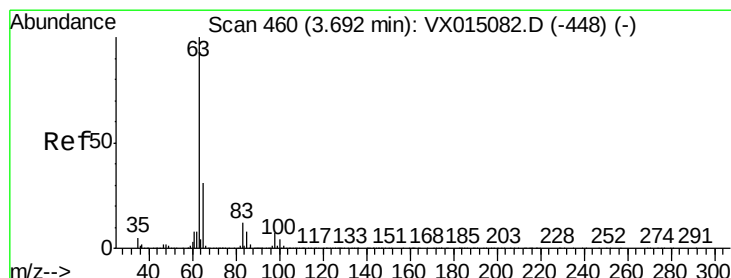
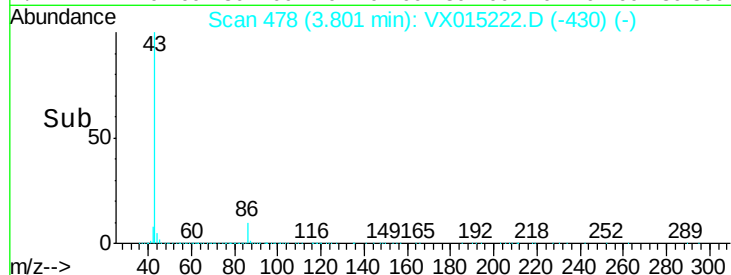
0

Time-->

3.60

3.80

4.00



#24

1,1-Dichloroethane

Concen: 47.933 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

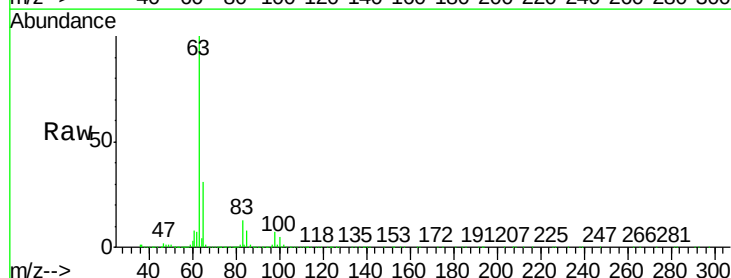
Tgt Ion: 63 Resp: 269968

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

100000

50000

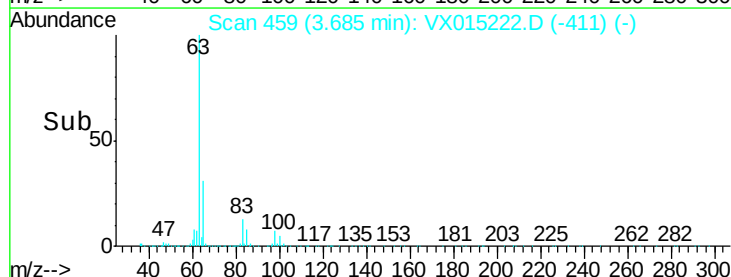
0

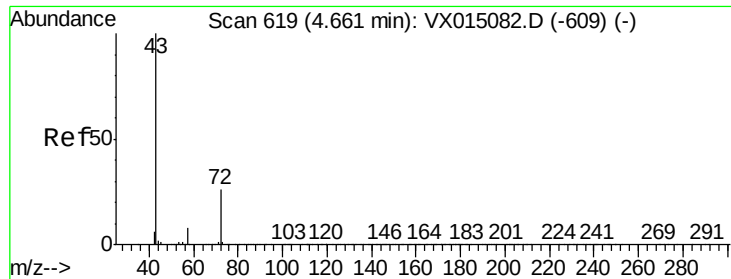
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 262.579 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 555200

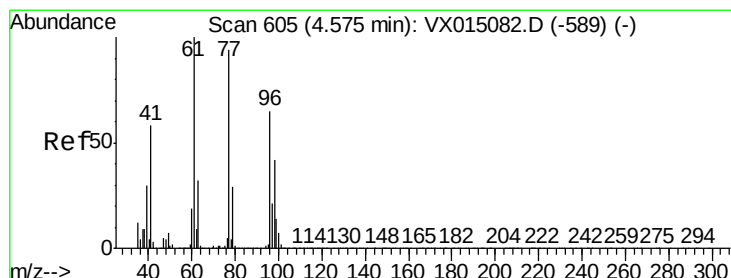
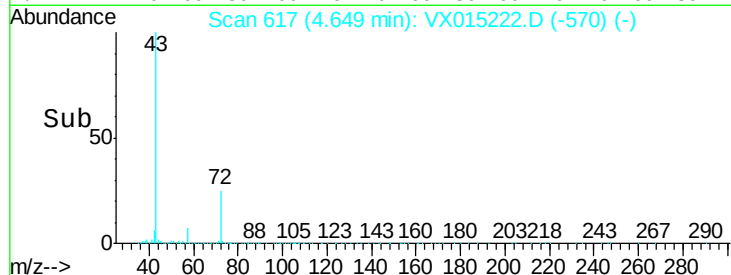
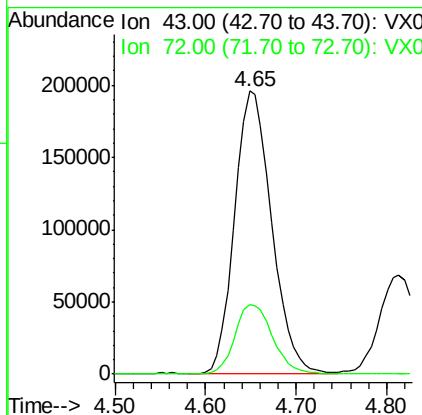
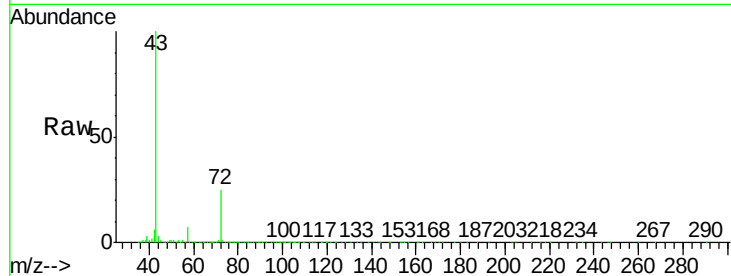
Ion Ratio Lower Upper

43 100

72 24.5 20.6 30.8

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#26

2,2-Dichloropropane

Concen: 48.286 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015222.D

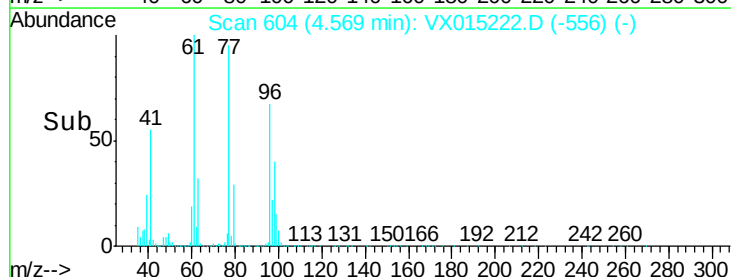
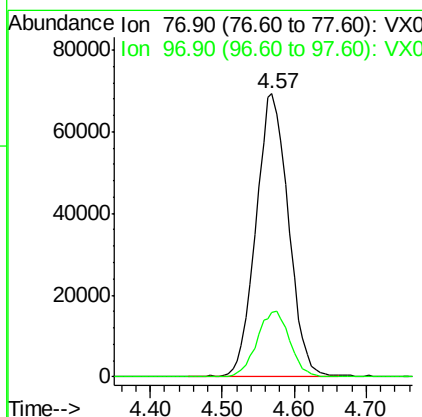
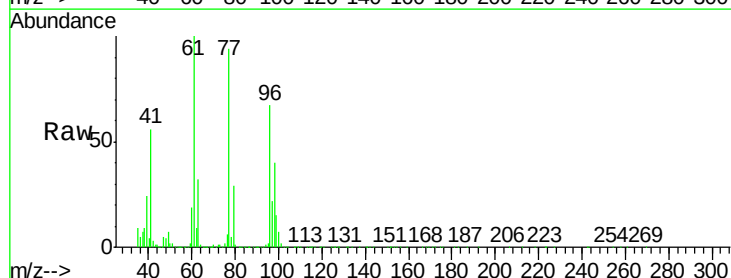
Acq: 12 Mar 2020 08:56

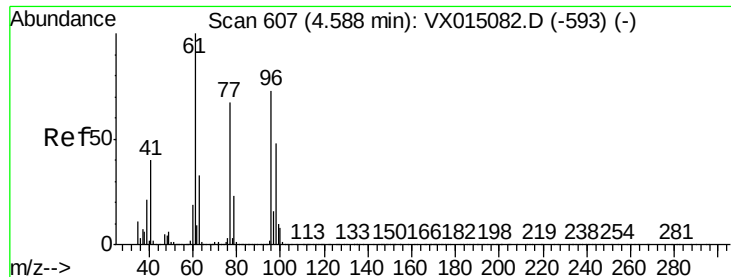
Tgt Ion: 77 Resp: 215893

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

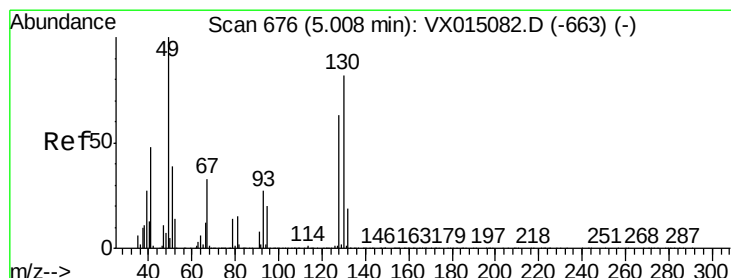
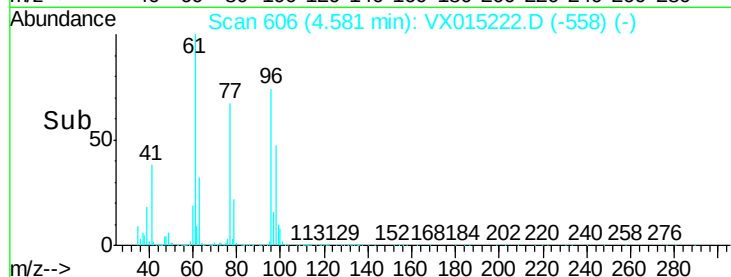
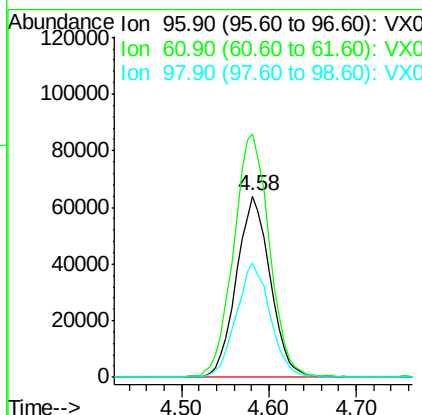
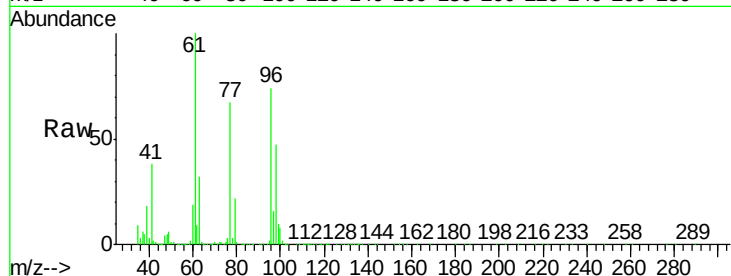
cis-1,2-Dichloroethene
Concen: 49.246 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	172326		
61	142.2	0.0	286.8	
98	62.9	0.0	128.4	

Manual Integrations
APPROVED

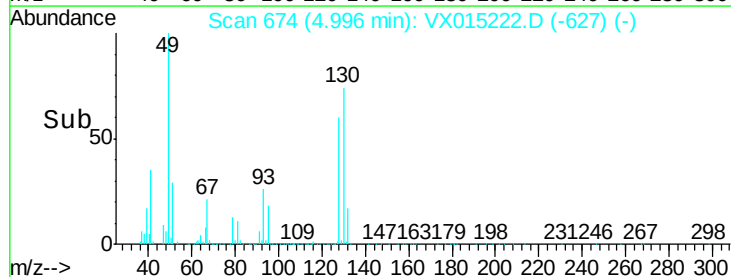
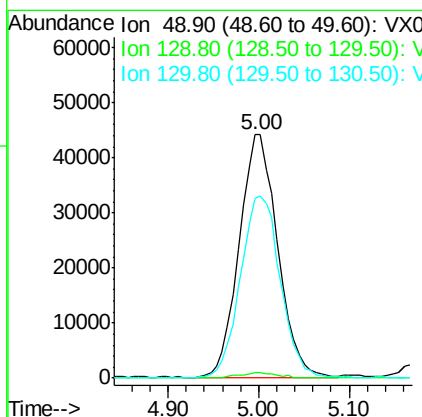
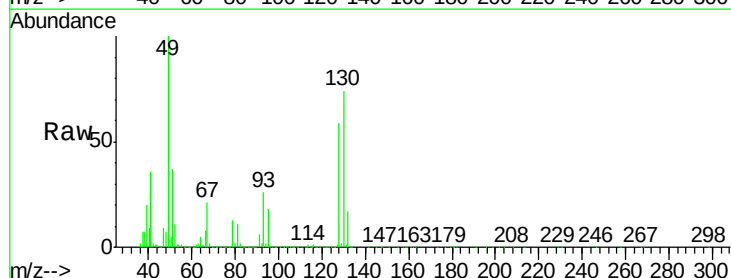
MMDadoda
3/16/2020 11:43:27 AM

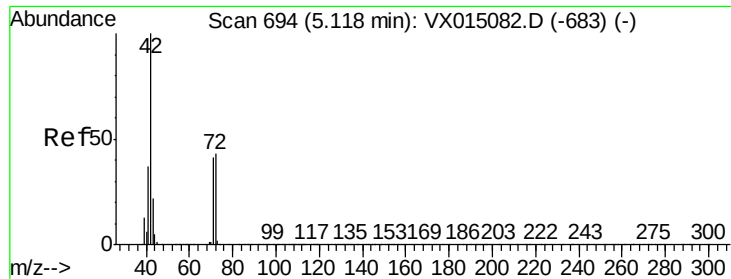


#28

Bromochloromethane
Concen: 50.336 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129097		
129	2.3	0.0	4.4	
130	77.9	65.0	97.6	





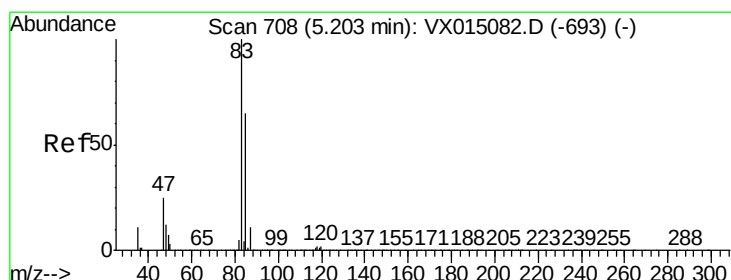
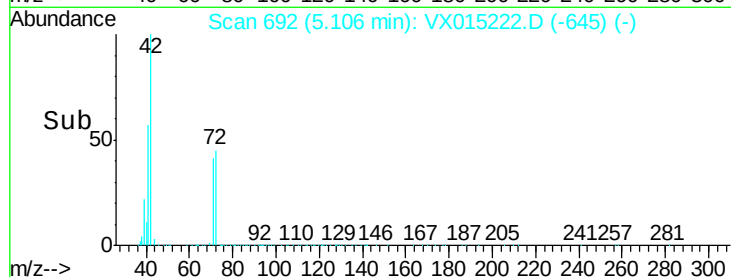
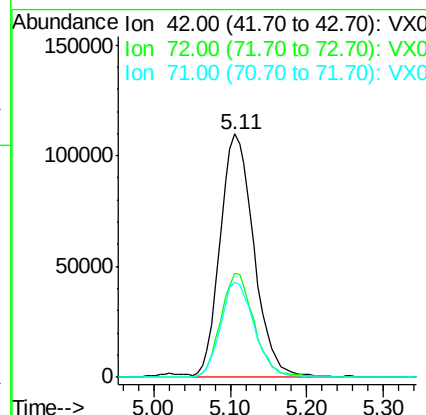
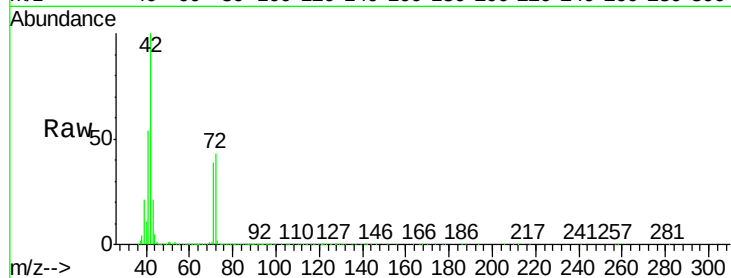
#29
Tetrahydrofuran
Concen: 244.429 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	36.4	54.6
71	39.3	33.3	49.9

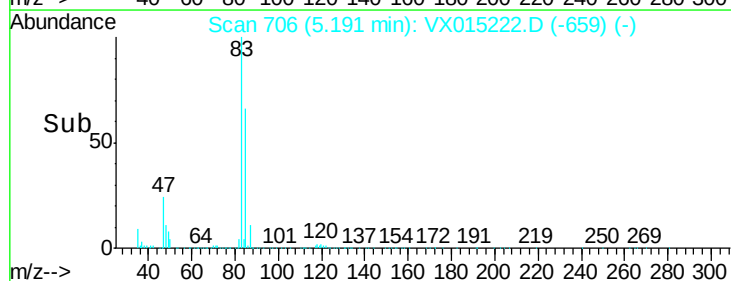
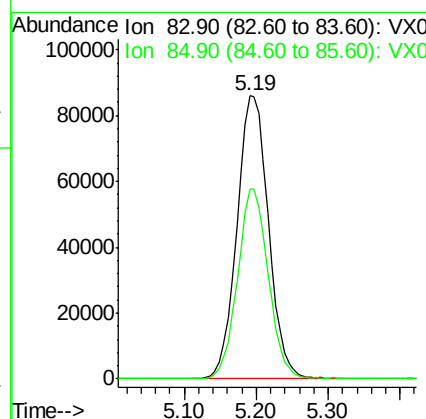
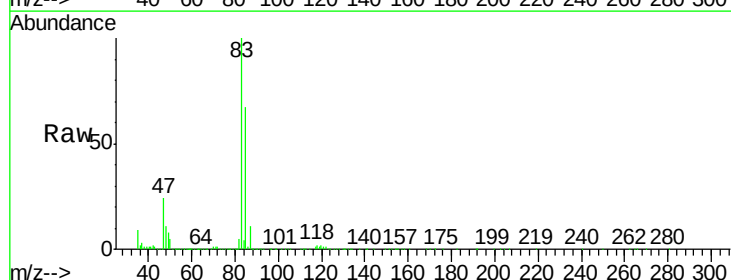
Manual Integrations
APPROVED

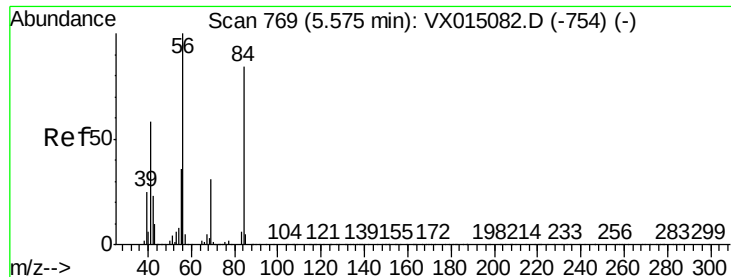
MMDadoda
3/16/2020 11:43:27 AM



#30
Chloroform
Concen: 47.529 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.0	78.0





#31

Cyclohexane

Concen: 50.370 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

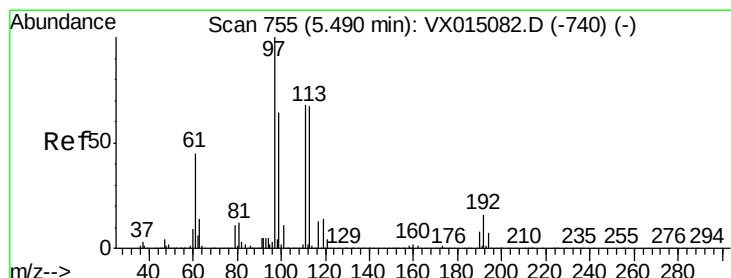
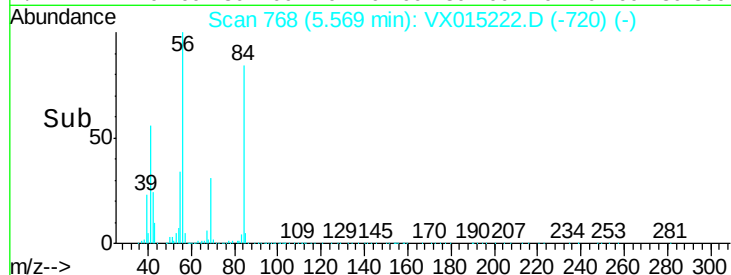
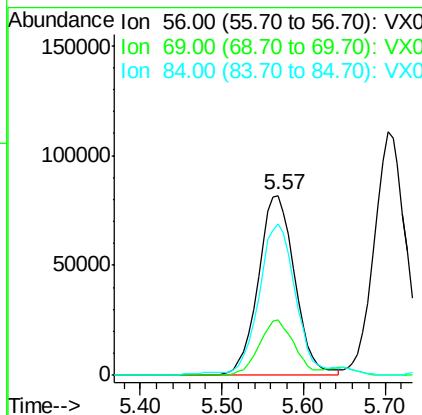
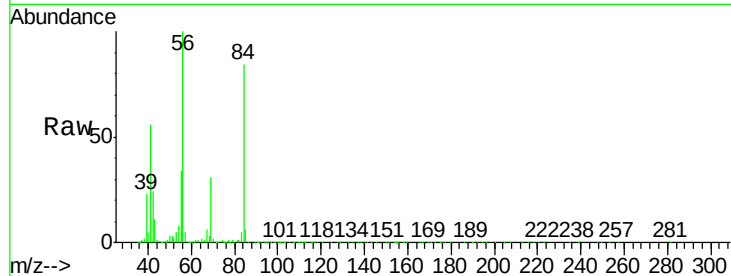
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	253045
Ion Ratio		Lower	Upper
56	100		
69	30.9	25.0	37.6
84	83.6	67.6	101.4

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#32

1,1,1-Trichloroethane

Concen: 48.281 ug/l

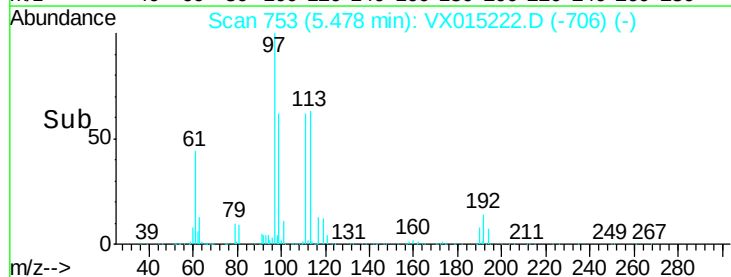
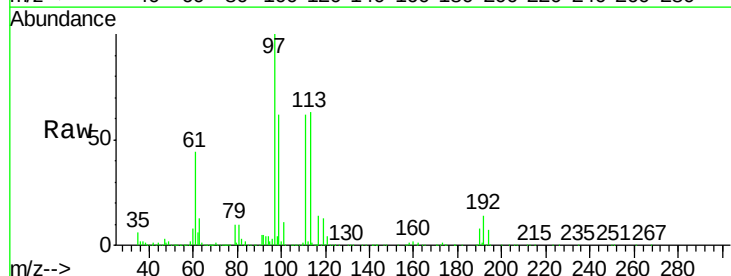
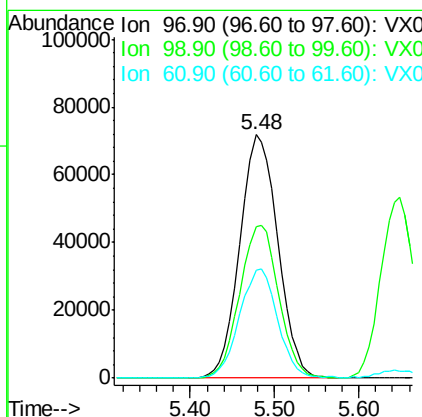
RT: 5.48 min Scan# 753

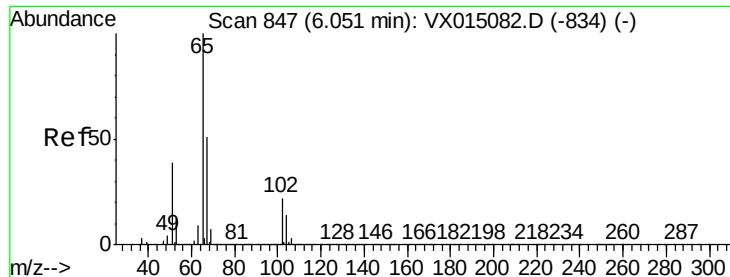
Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	97	Resp:	219704
Ion Ratio		Lower	Upper
97	100		
99	64.3	52.8	79.2
61	44.7	36.6	54.8





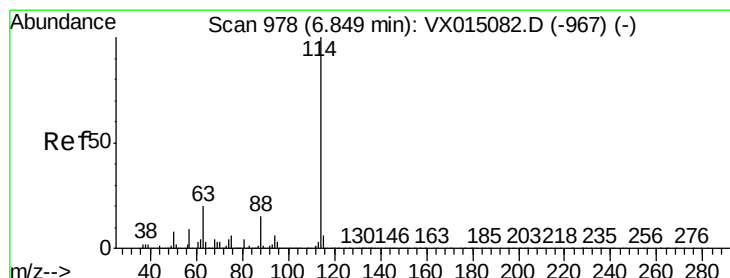
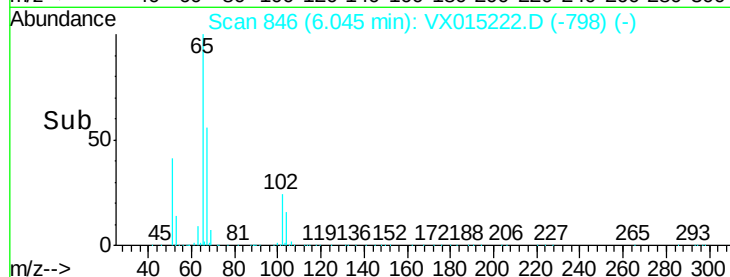
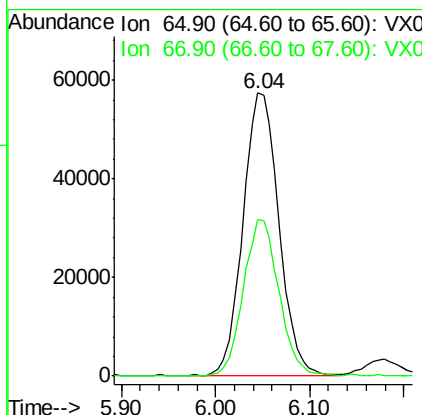
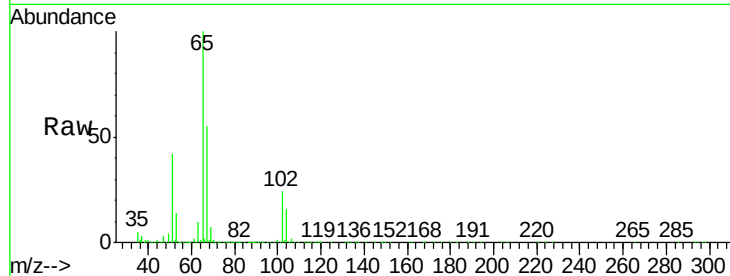
#33
 1,2-Dichloroethane-d4
 Concen: 42.792 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.6

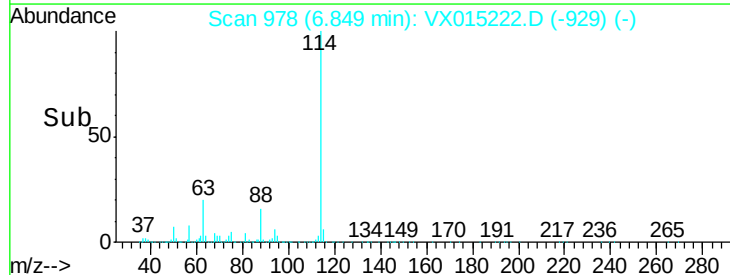
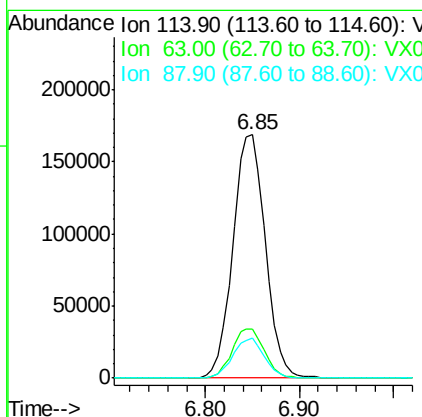
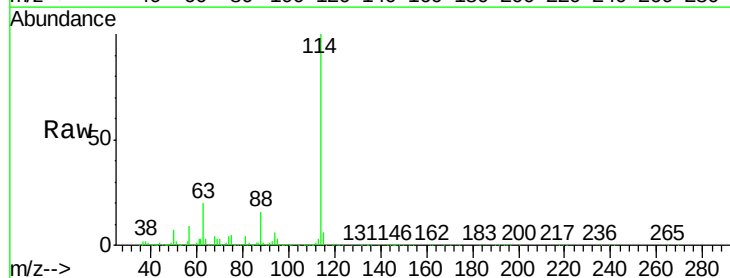
Manual Integrations
 APPROVED

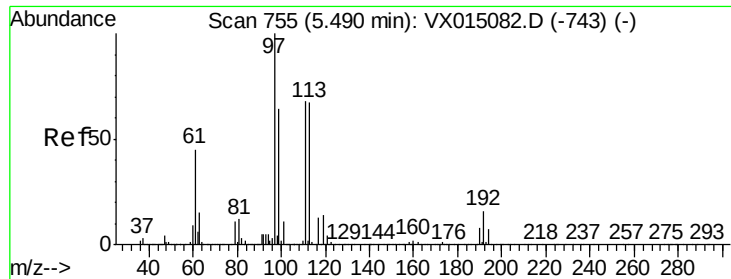
MMDadoda
 3/16/2020 11:43:27 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	16.4	0.0	30.6





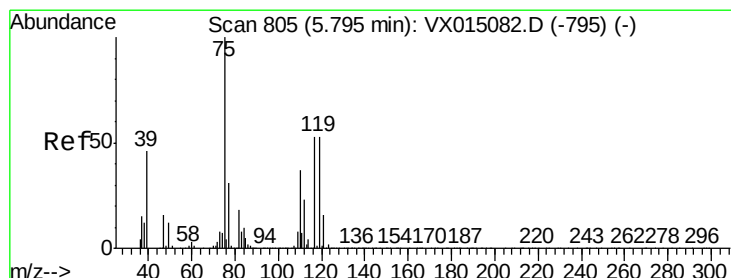
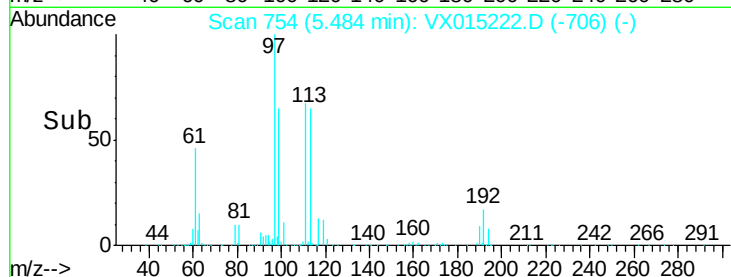
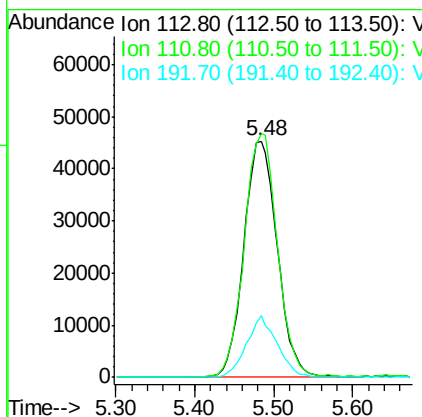
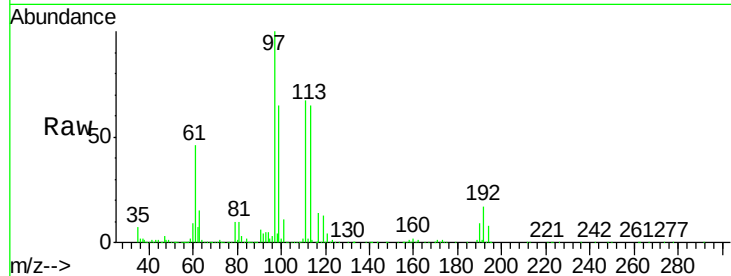
#35
Dibromofluoromethane
Concen: 52.192 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	24.0	18.6	28.0

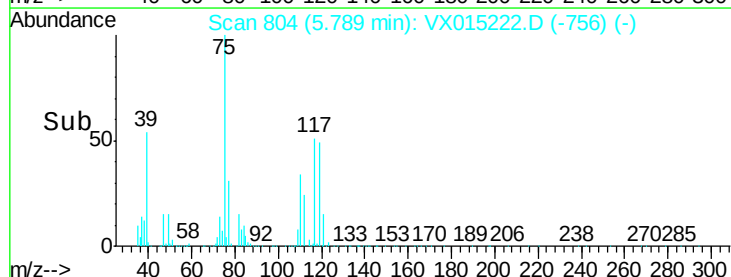
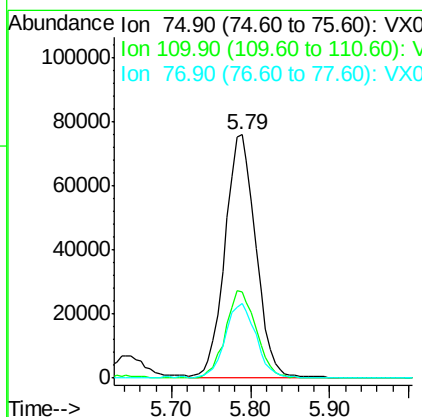
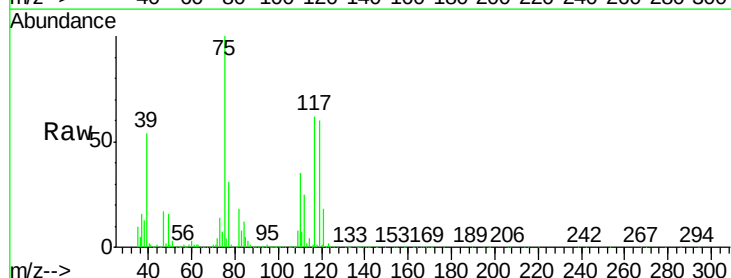
Manual Integrations
APPROVED

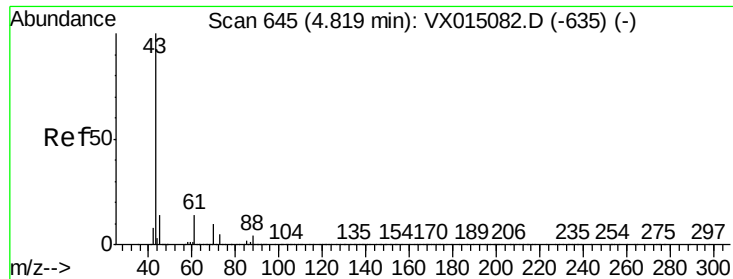
MMDadoda
3/16/2020 11:43:27 AM



#36
1,1-Dichloropropene
Concen: 54.676 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.8
77	30.4	24.8	37.2





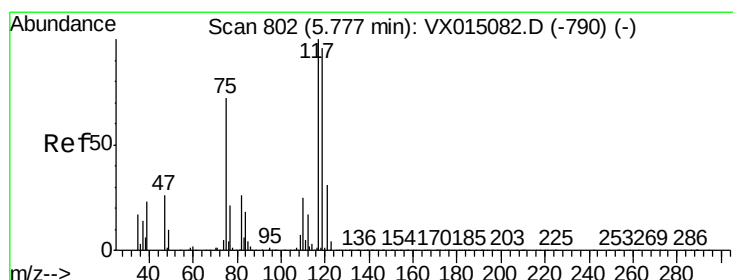
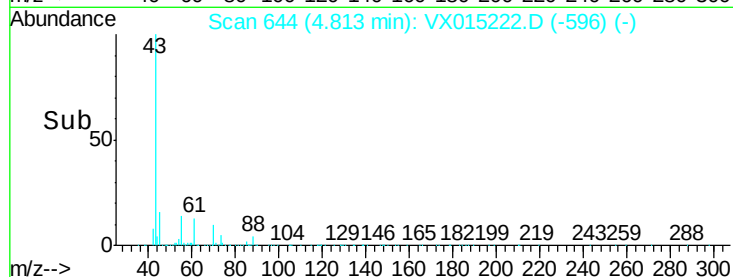
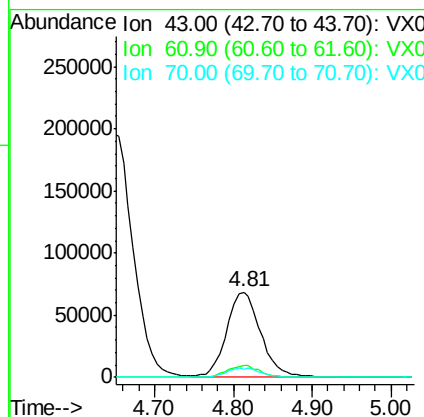
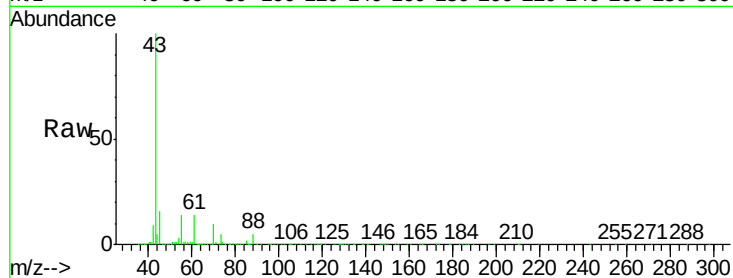
#37
Ethyl Acetate
Concen: 58.490 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	203563
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	11.2	8.1	12.1

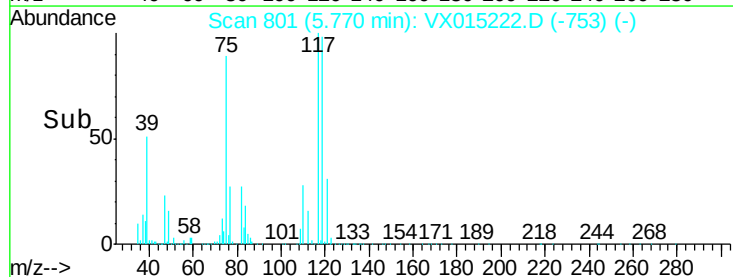
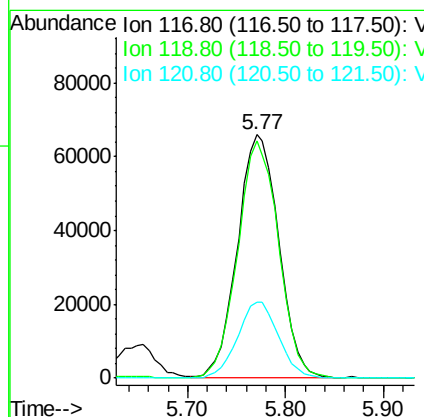
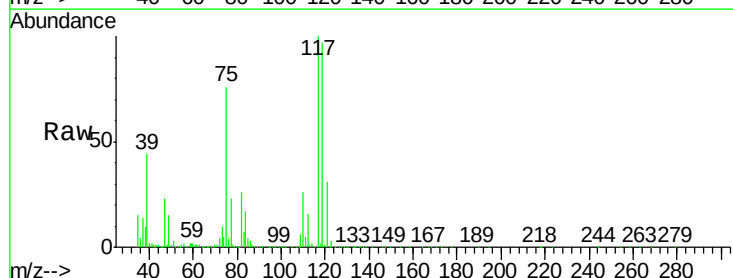
Manual Integrations
APPROVED

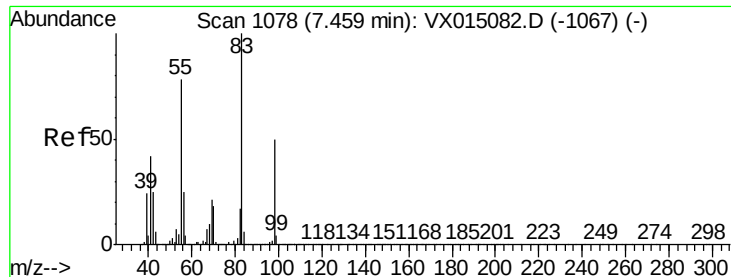
MMDadoda
3/16/2020 11:43:27 AM



#38
Carbon Tetrachloride
Concen: 54.352 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion:	117	Resp:	192487
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.9	115.3
121	31.1	24.6	37.0





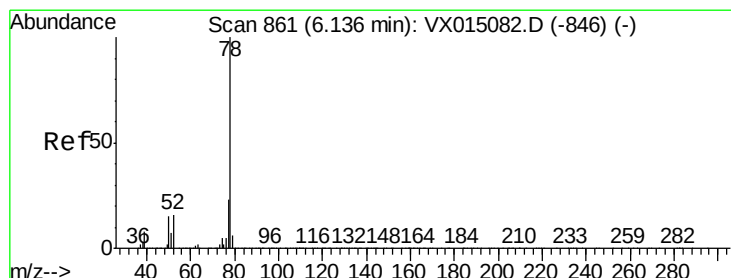
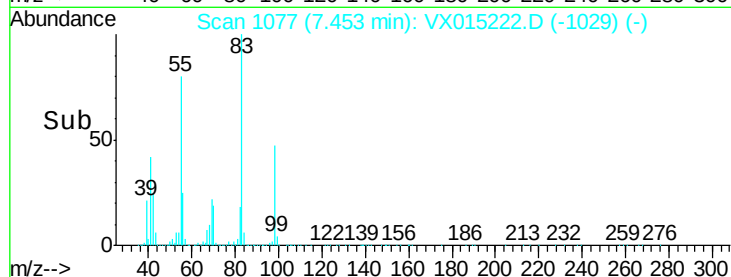
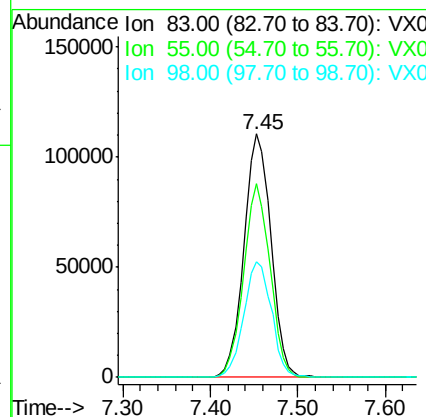
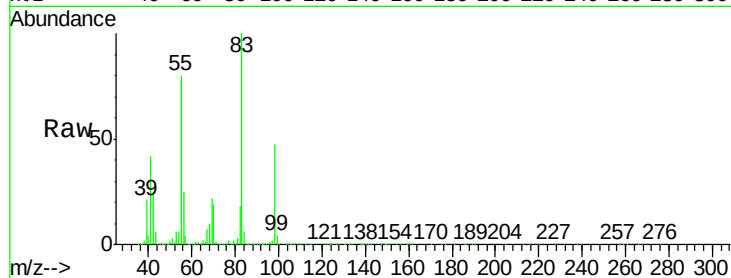
#39
Methylvlcyclohexane
Concen: 54.110 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	62.4	93.6
98	47.4	39.7	59.5

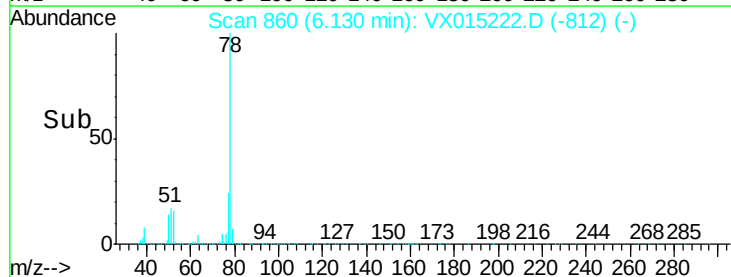
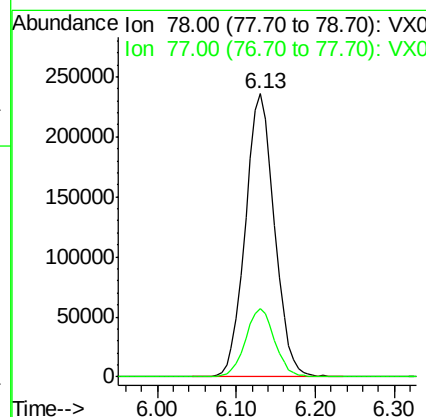
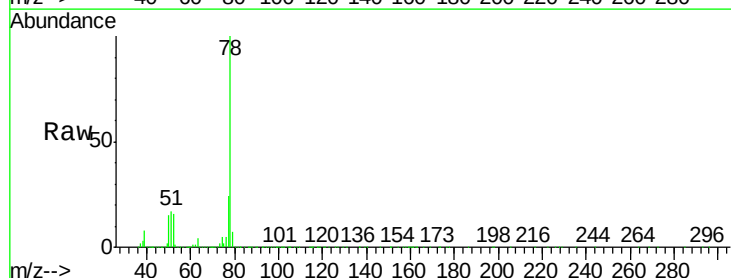
Manual Integrations
APPROVED

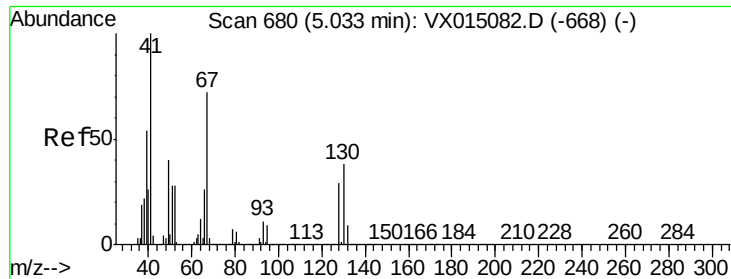
MMDadoda
3/16/2020 11:43:27 AM



#40
Benzene
Concen: 54.308 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





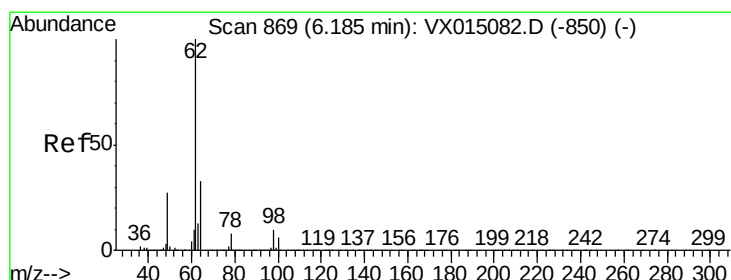
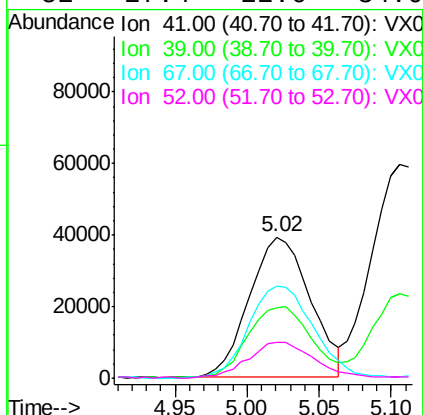
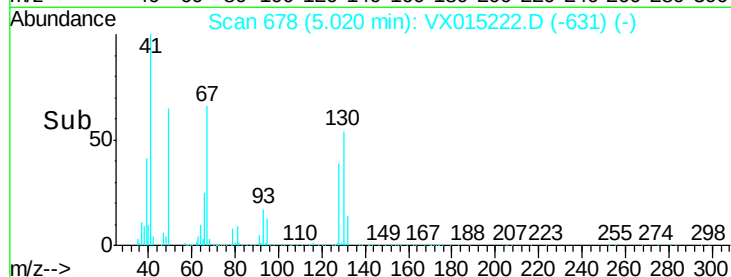
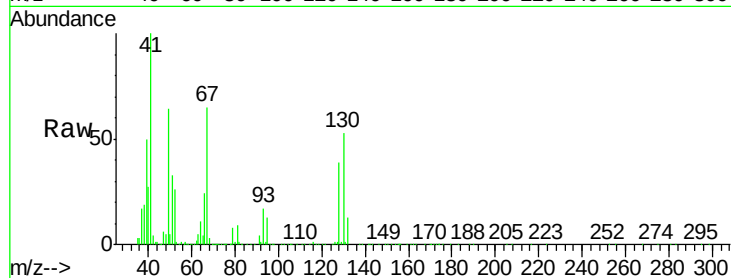
#41
Methacrylonitrile
Concen: 55.311 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.3	43.9	65.9		
67	70.9	57.8	86.8		
52	27.4	22.6	34.0		

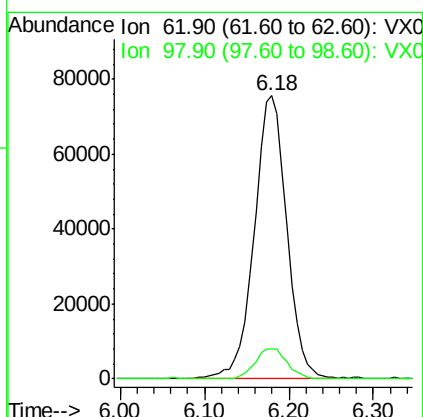
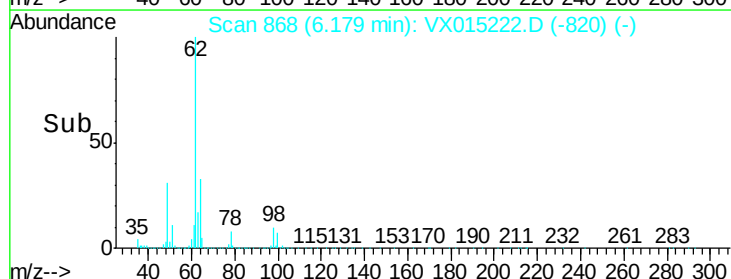
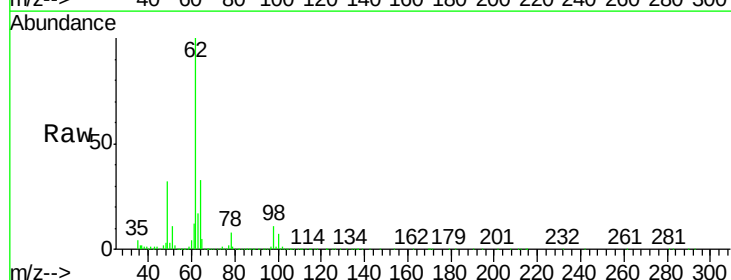
Manual Integrations
APPROVED

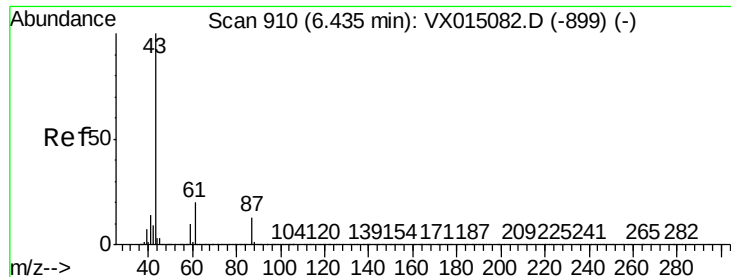
MMDadoda
3/16/2020 11:43:27 AM



#42
1,2-Dichloroethane
Concen: 52.227 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.9	0.0	20.6		





#43

Isopropyl Acetate

Concen: 51.078 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

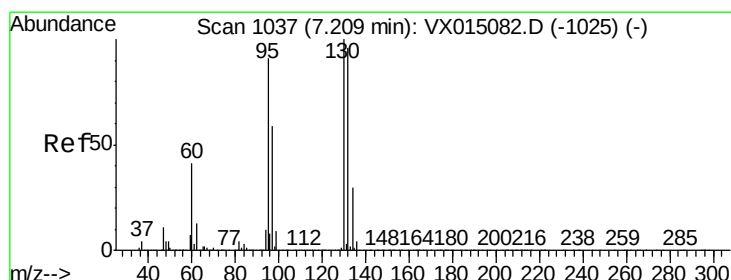
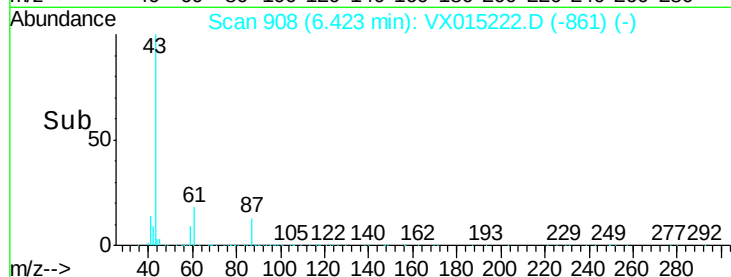
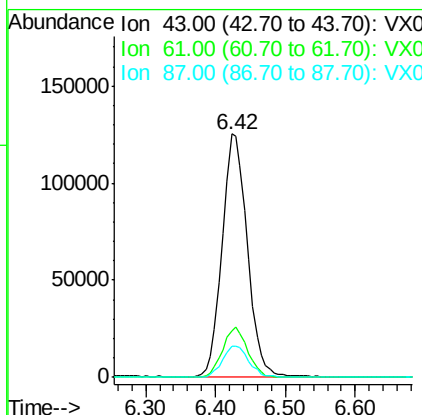
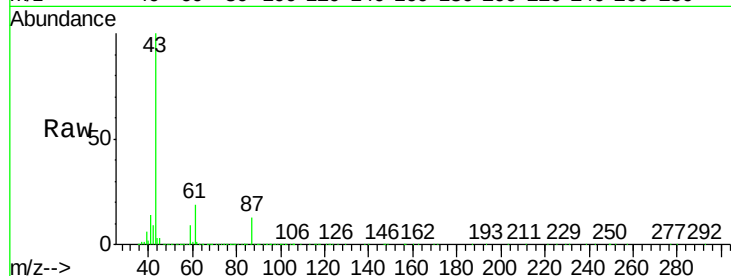
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	312727
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.5	10.6	16.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#44

Trichloroethene

Concen: 51.855 ug/l

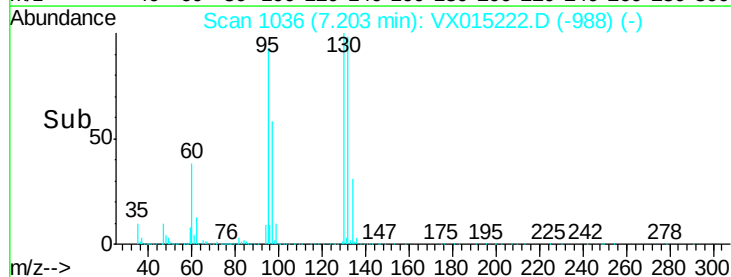
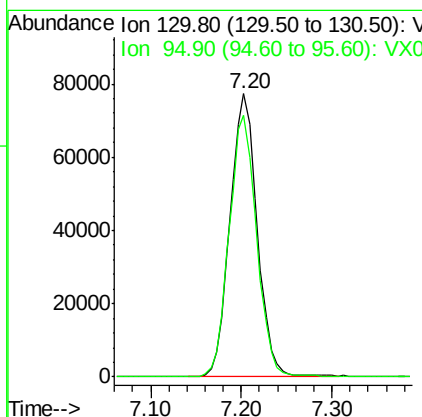
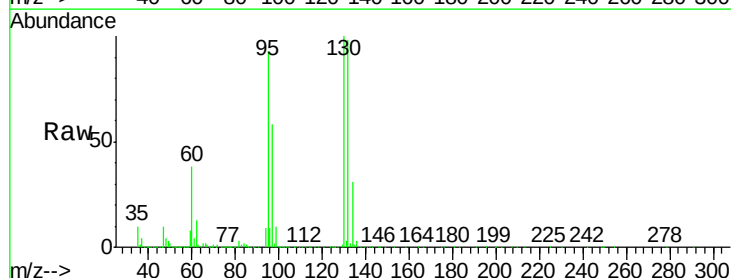
RT: 7.20 min Scan# 1036

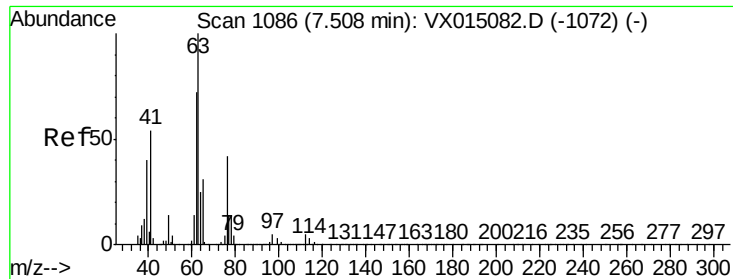
Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	130	Resp:	160753
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	181.2





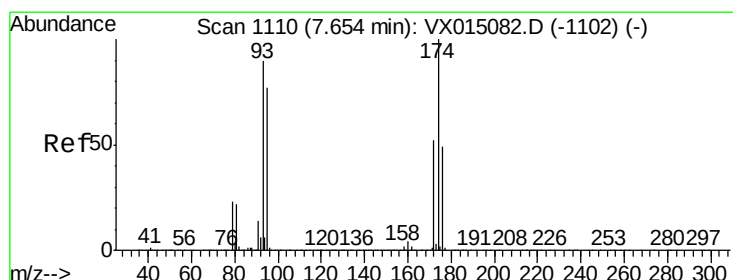
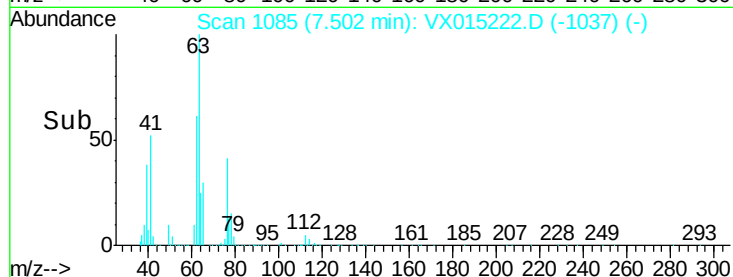
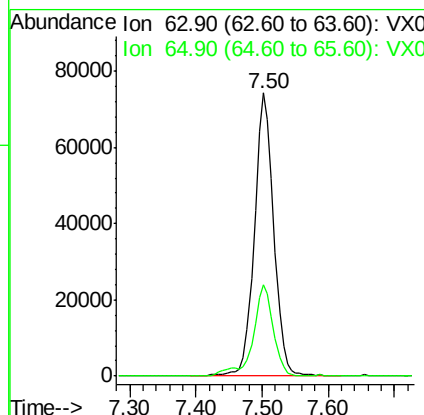
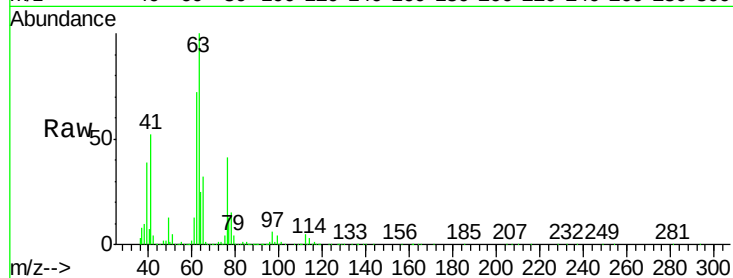
#45
 1,2-Dichloropropane
 Concen: 52.600 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.6	36.8

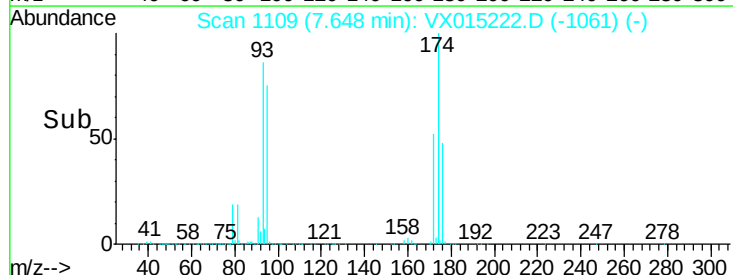
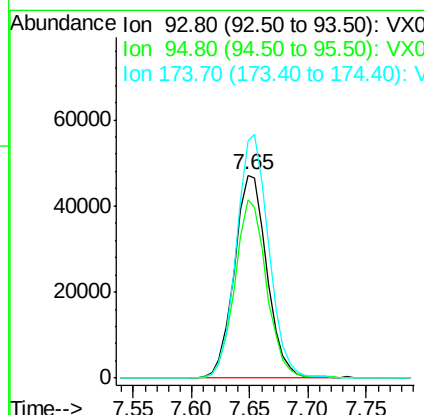
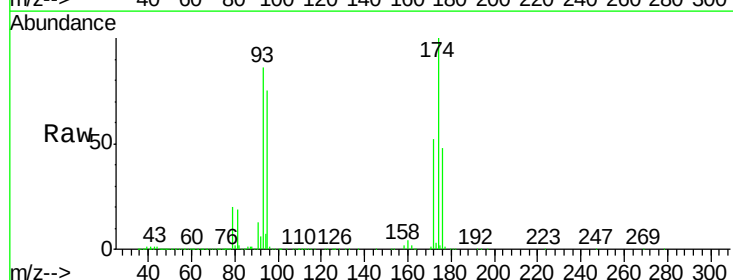
Manual Integrations
 APPROVED

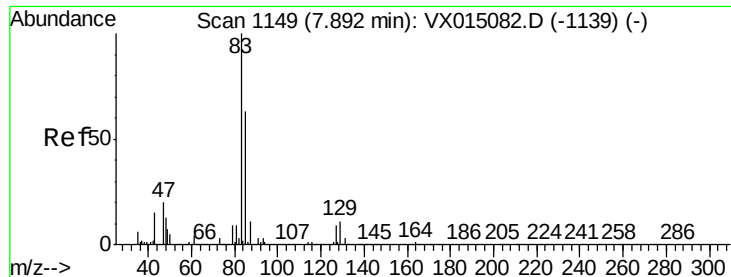
MMDadoda
 3/16/2020 11:43:27 AM



#46
 Dibromomethane
 Concen: 48.972 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.8	101.8
174	119.6	91.0	136.4





#47

Bromodichloromethane

Concen: 50.609 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

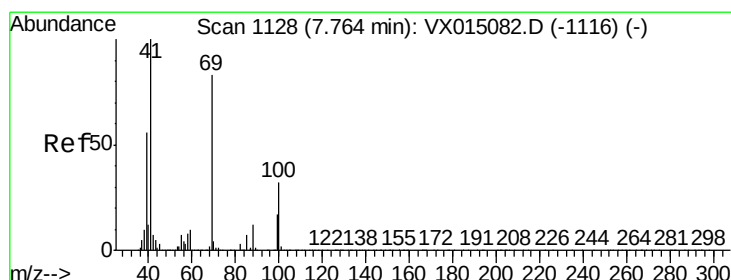
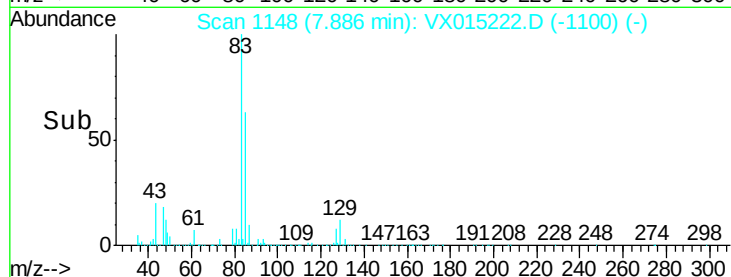
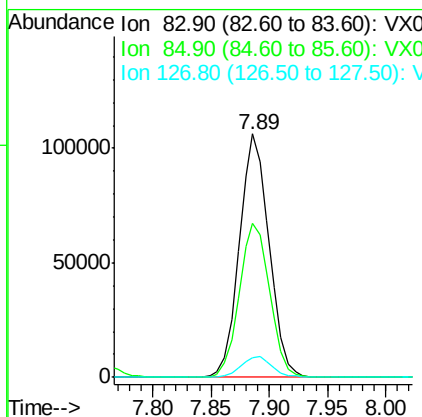
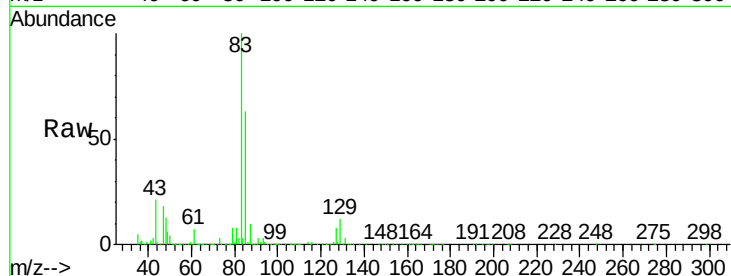
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	187887
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.6	75.8
127	8.3	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#48

Methyl methacrylate

Concen: 50.034 ug/l

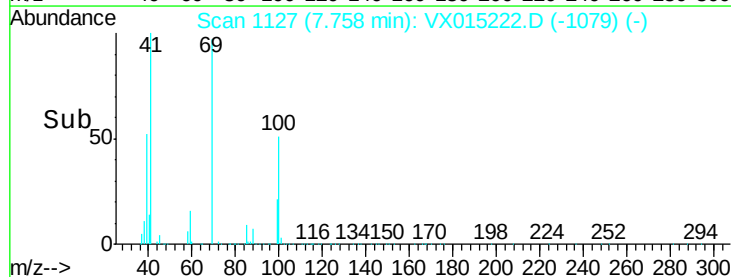
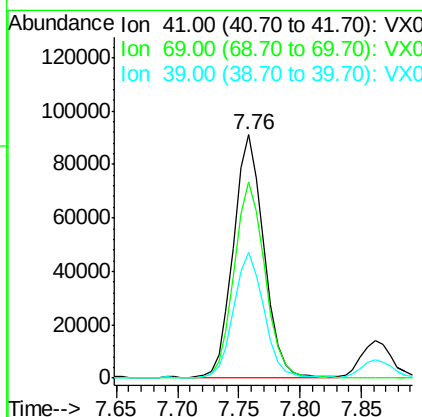
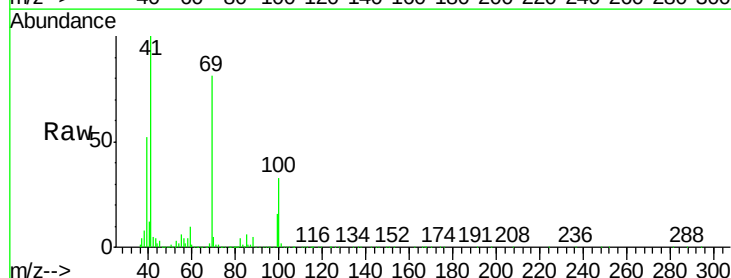
RT: 7.76 min Scan# 1127

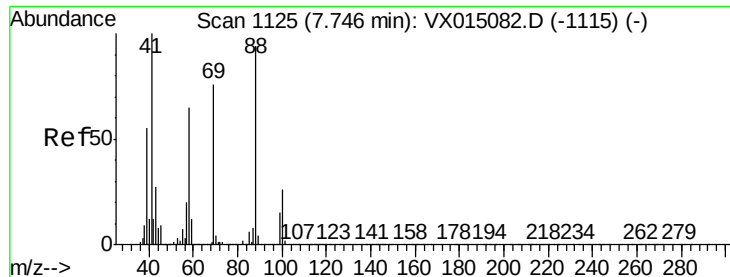
Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	41	Resp:	155913
Ion Ratio	Lower	Upper	
41	100		
69	82.7	65.4	98.2
39	50.9	44.6	67.0





#49

1,4-Dioxane

Concen: 983.952 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.02 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

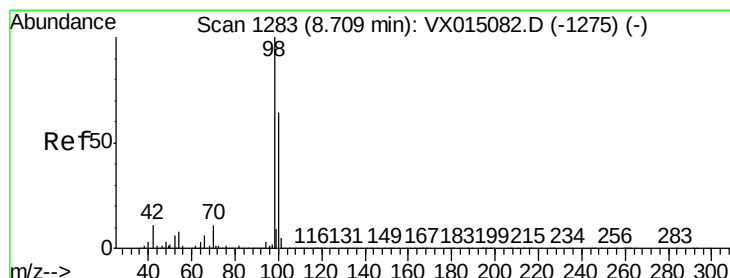
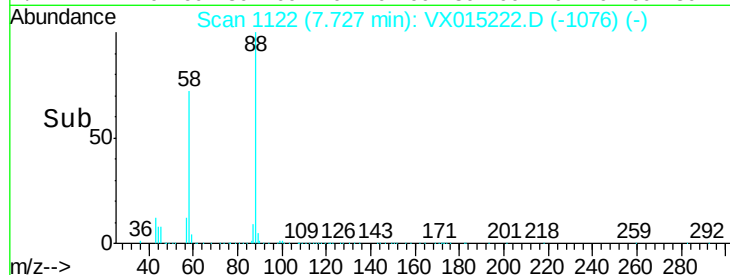
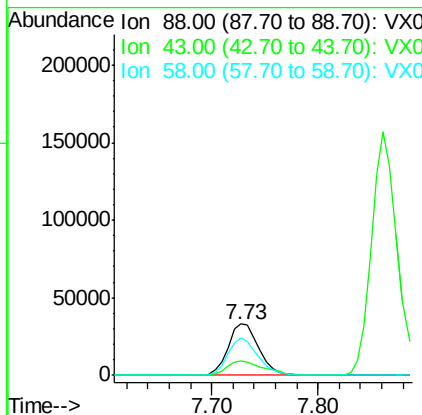
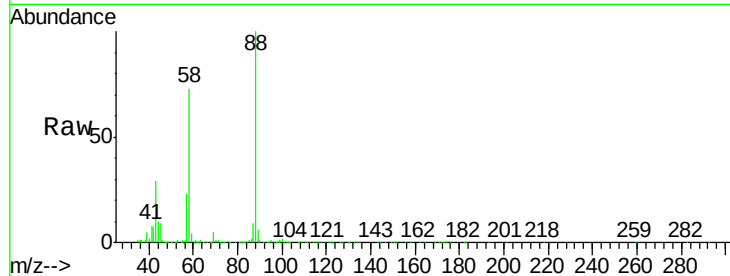
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	66293
Ion Ratio	Lower	Upper	
88	100		
43	35.2	27.0	40.4
58	71.1	55.6	83.4

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#50

Toluene-d8

Concen: 49.834 ug/l

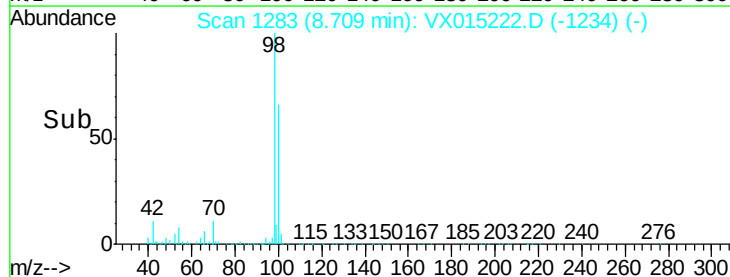
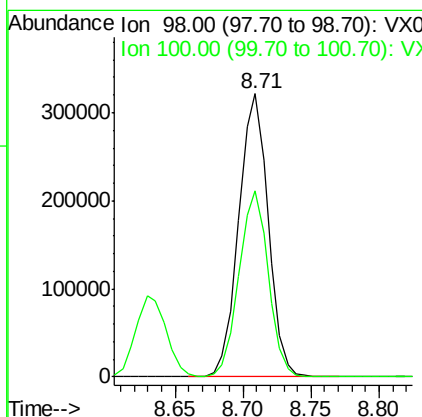
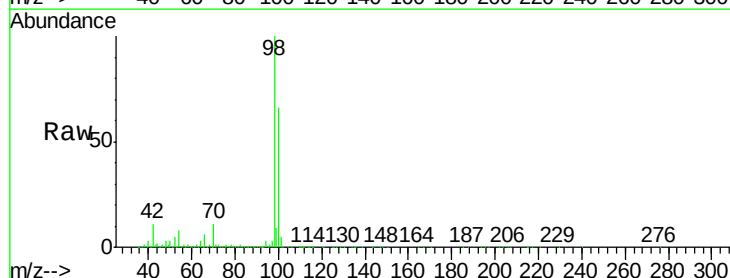
RT: 8.71 min Scan# 1283

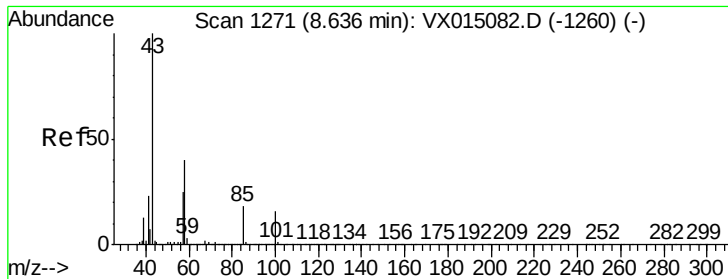
Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	98	Resp:	485350
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 261.507 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 946647

Ion Ratio Lower Upper

43 100

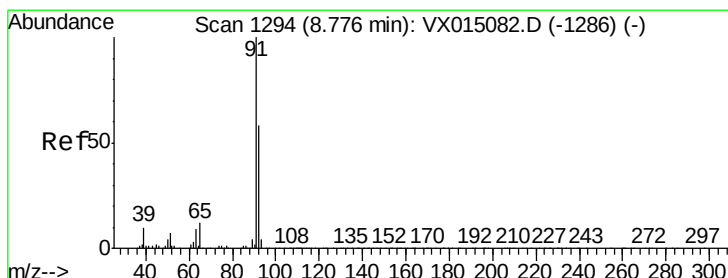
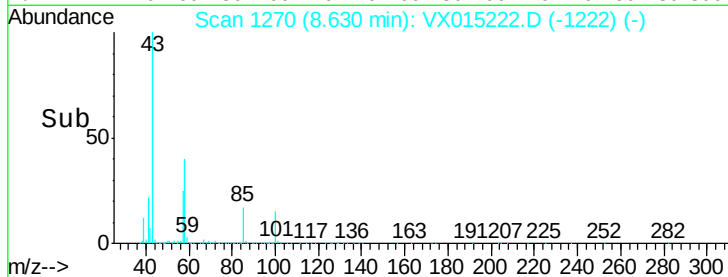
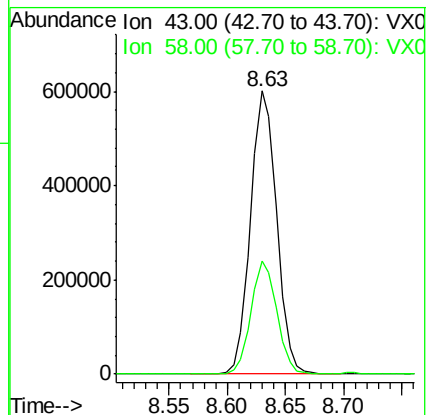
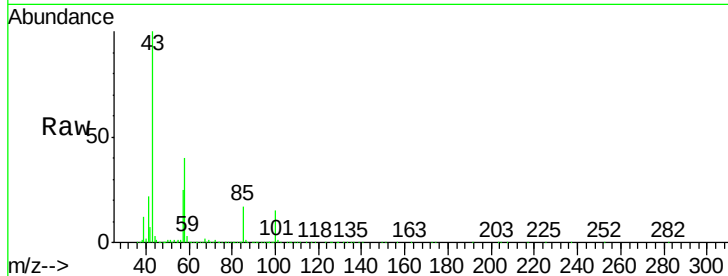
58 39.6 31.6 47.4

Manual Integrations

APPROVED

MMDadoda

3/16/2020 11:43:27 AM



#52

Toluene

Concen: 53.442 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015222.D

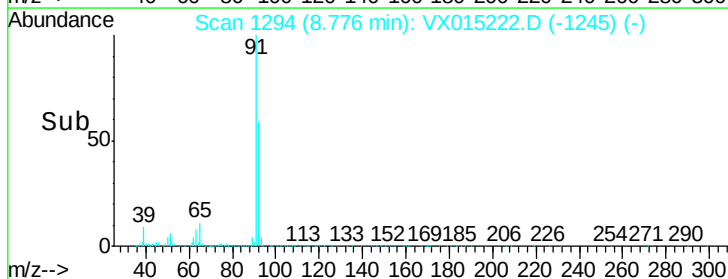
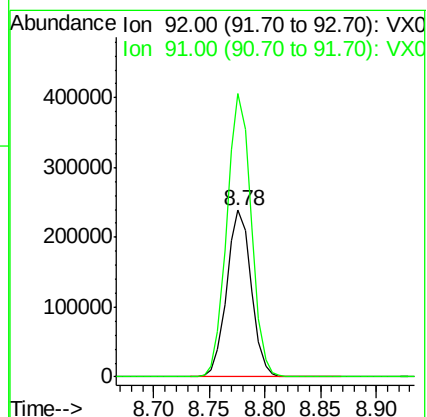
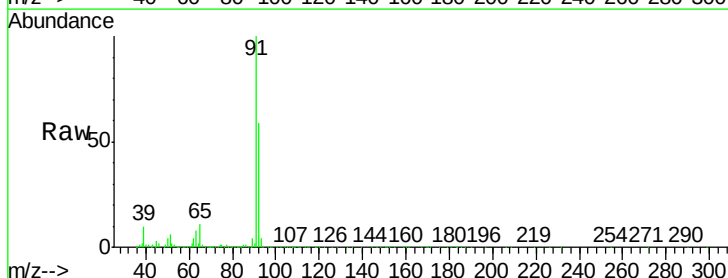
Acq: 12 Mar 2020 08:56

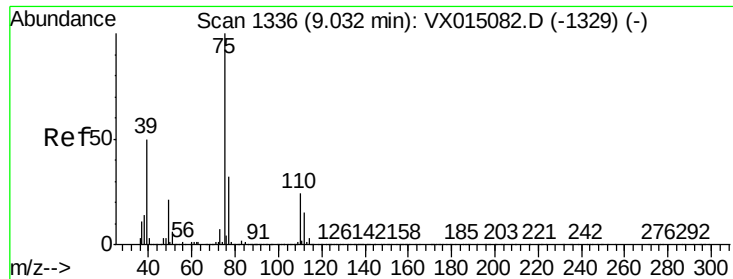
Tgt Ion: 92 Resp: 363730

Ion Ratio Lower Upper

92 100

91 169.4 136.9 205.3





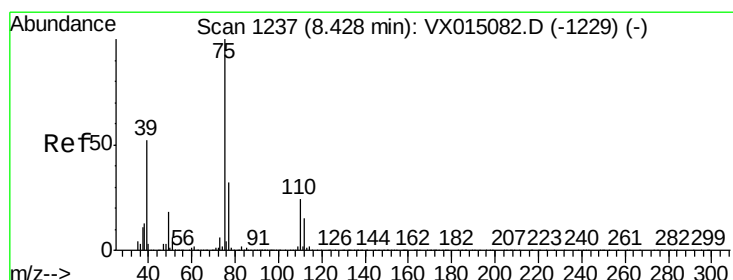
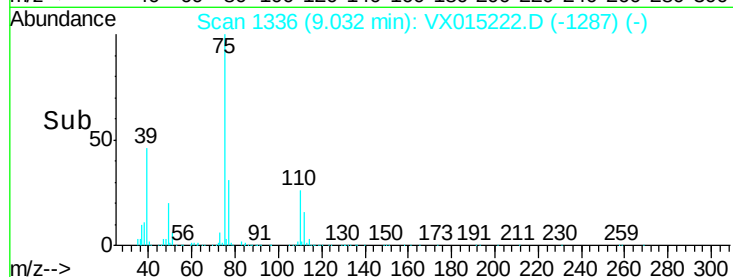
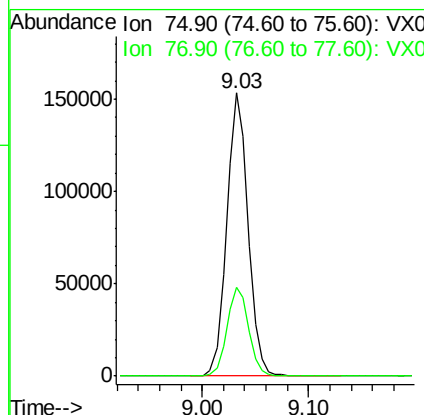
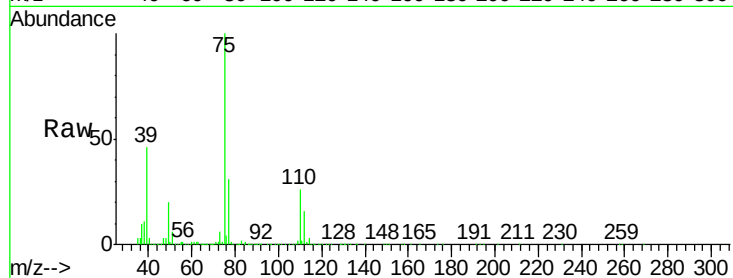
#53
t-1,3-Dichloropropene
Concen: 54.425 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0

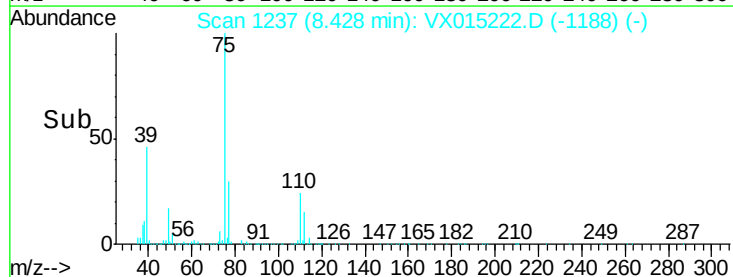
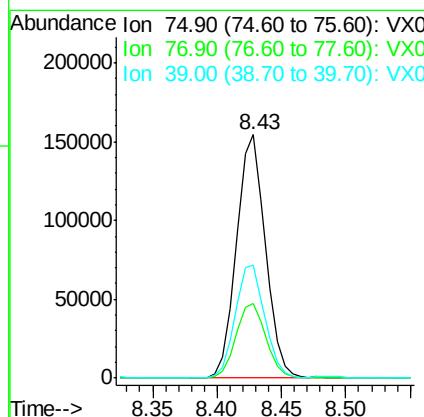
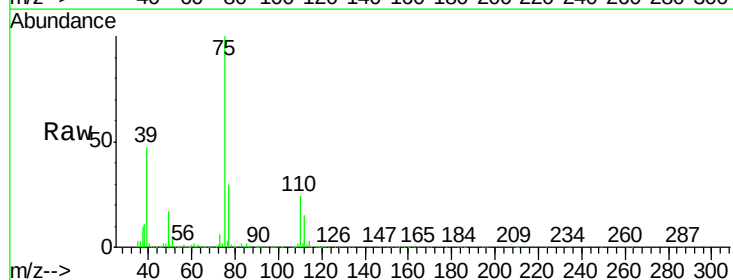
Manual Integrations
APPROVED

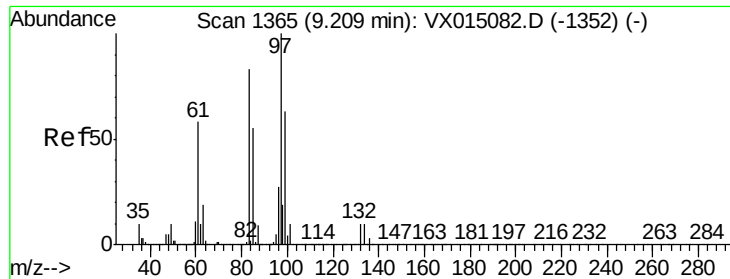
MMDadoda
3/16/2020 11:43:27 AM



#54
cis-1,3-Dichloropropene
Concen: 54.000 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.8	38.6
39	46.3	41.3	61.9





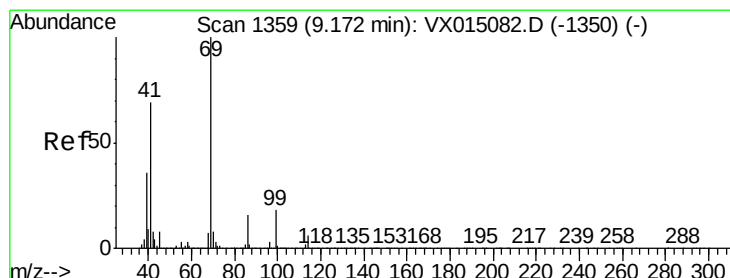
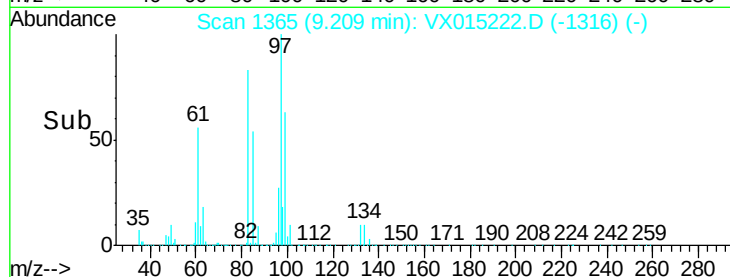
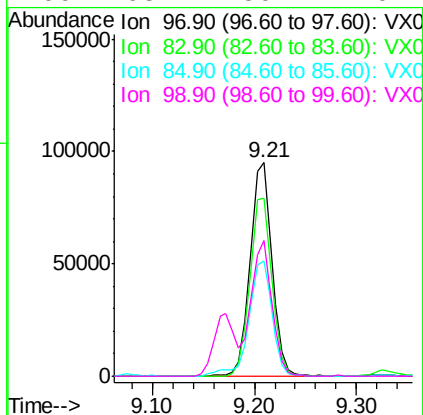
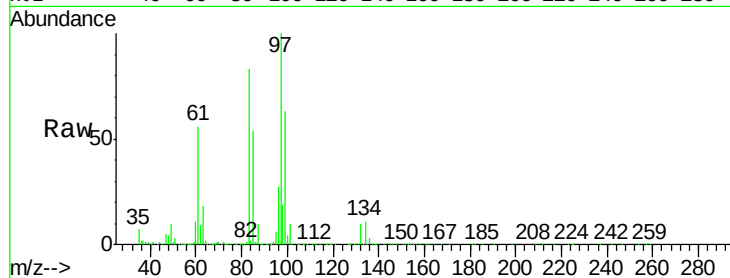
#55
 1,1,2-Trichloroethane
 Concen: 51.093 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		143130		
83	83.5	66.4	99.6		
85	53.8	43.5	65.3		
99	63.4	50.7	76.1		

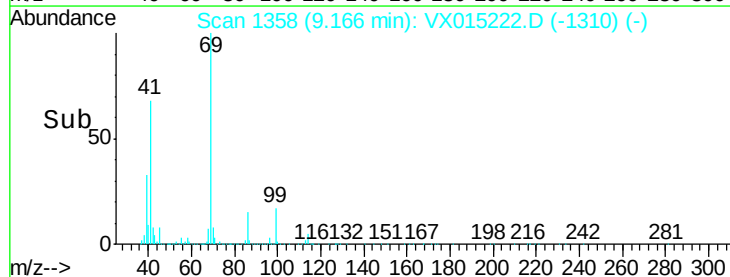
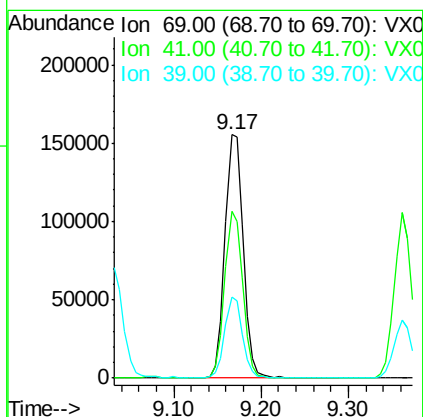
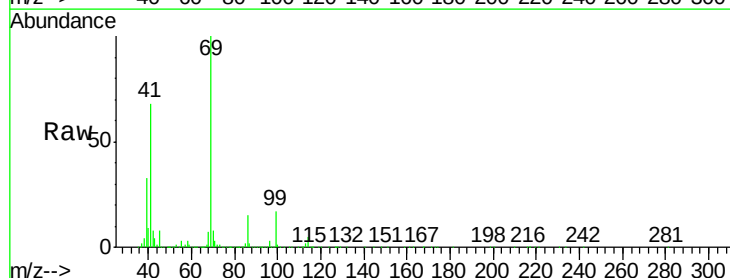
Manual Integrations
 APPROVED

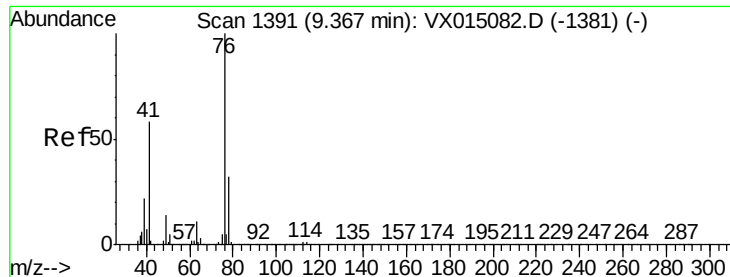
MMDadoda
 3/16/2020 11:43:27 AM



#56
 Ethyl methacrylate
 Concen: 56.515 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		225822		
41	67.2	55.8	83.8		
39	32.1	29.4	44.2		





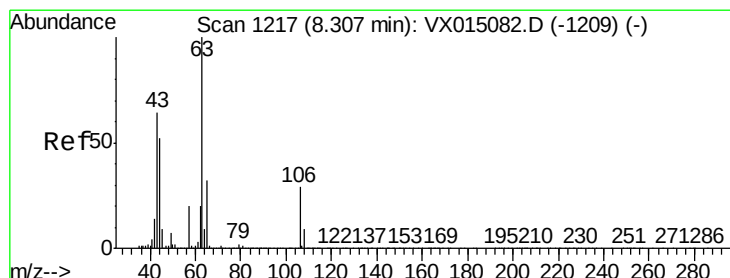
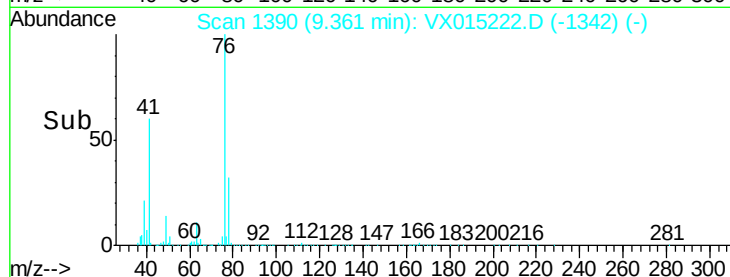
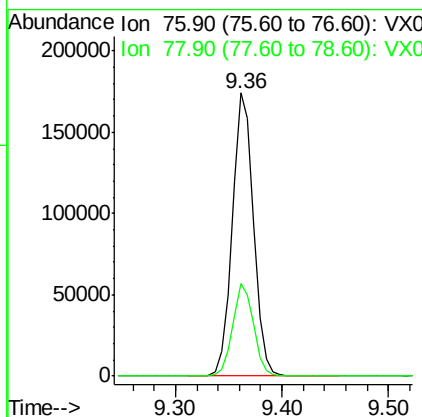
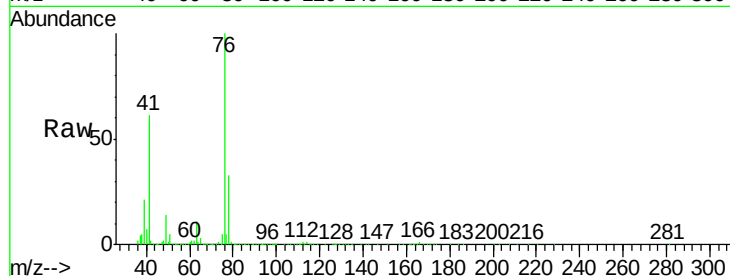
#57
 1,3-Dichloropropane
 Concen: 51.474 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

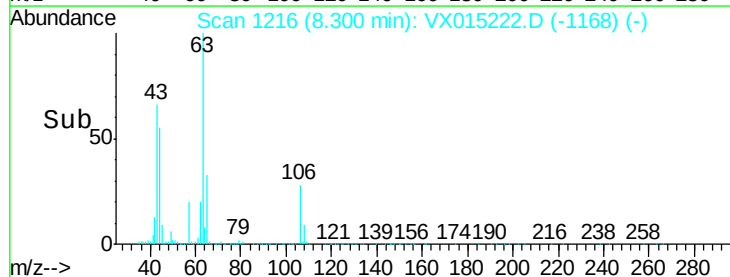
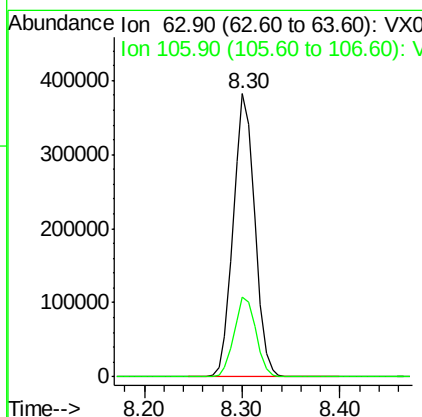
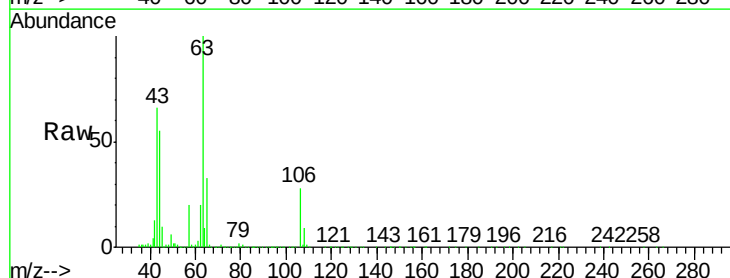
Manual Integrations
 APPROVED

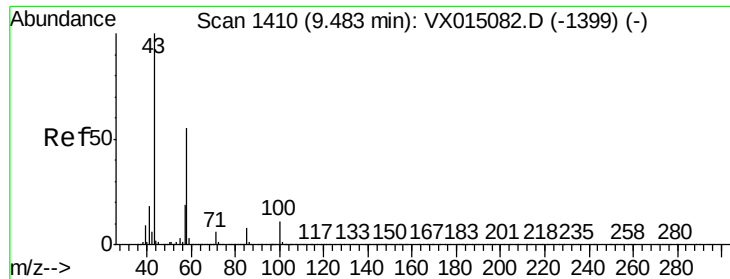
MMDadoda
 3/16/2020 11:43:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.485 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2





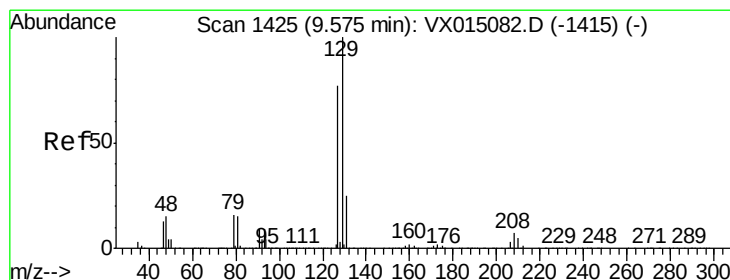
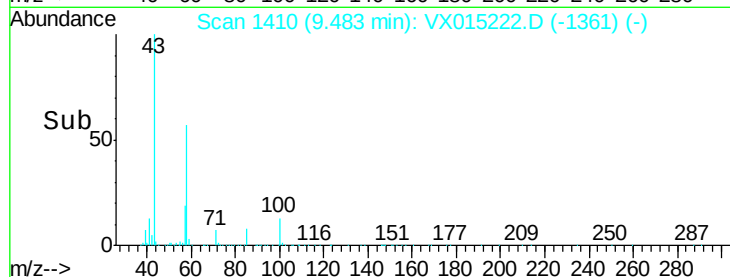
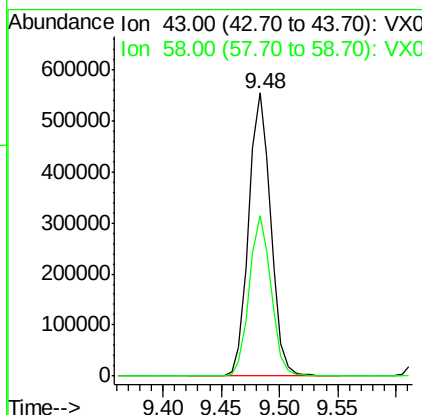
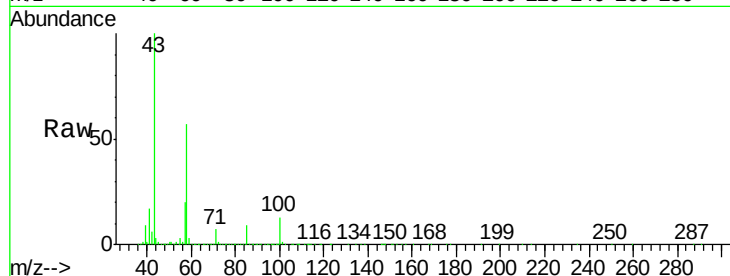
#59
2-Hexanone
Concen: 274.888 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 737544
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8

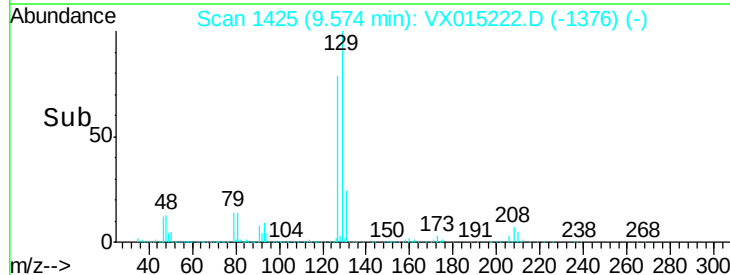
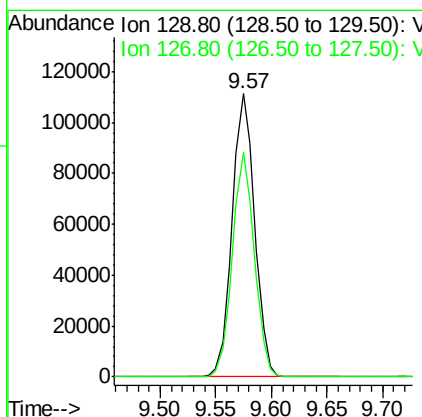
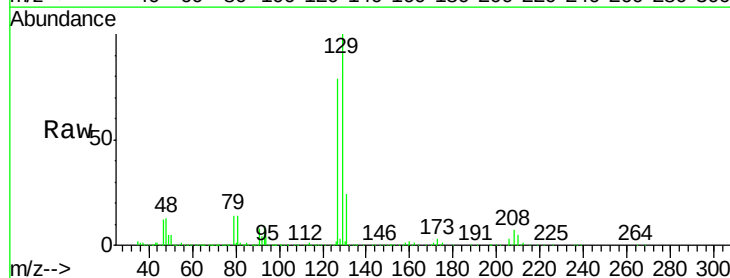
Manual Integrations
APPROVED

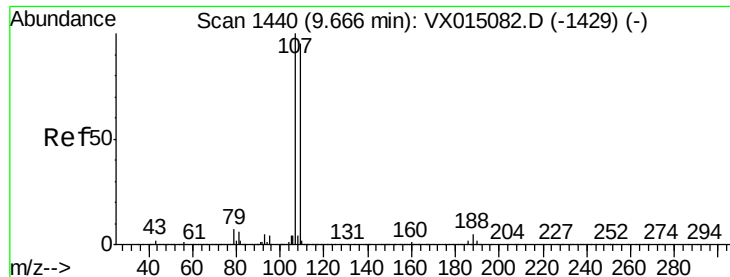
MMDadoda
3/16/2020 11:43:27 AM



#60
Dibromochloromethane
Concen: 53.074 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion: 129 Resp: 156182
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.377 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 148230

Ion Ratio Lower Upper

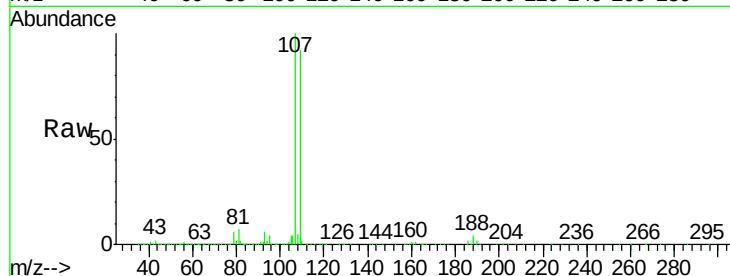
107 100

109 94.0 75.6 113.4

Manual Integrations
APPROVED

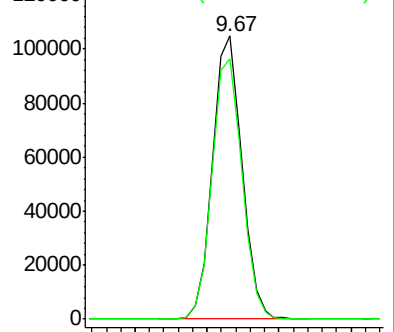
MMDadoda

3/16/2020 11:43:27 AM

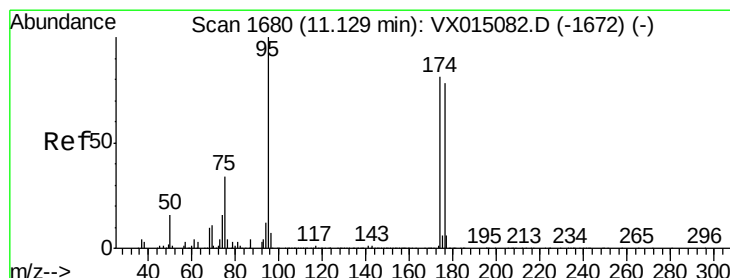
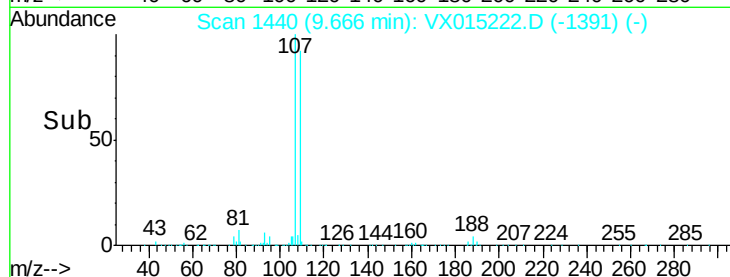


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 54.850 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

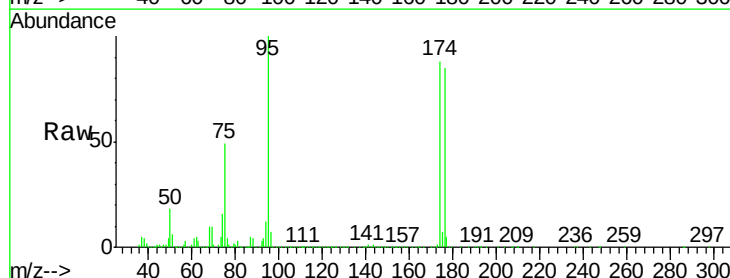
Tgt Ion: 95 Resp: 190543

Ion Ratio Lower Upper

95 100

174 90.7 0.0 177.6

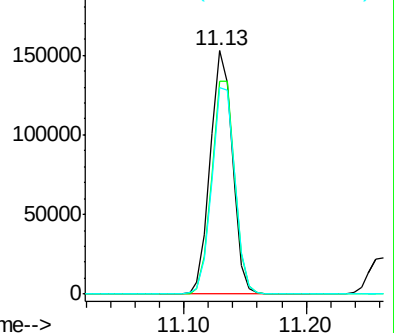
176 88.4 0.0 170.2



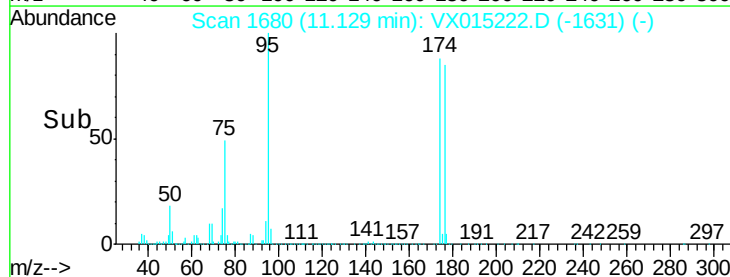
Abundance Ion 94.90 (94.60 to 95.60): VX0

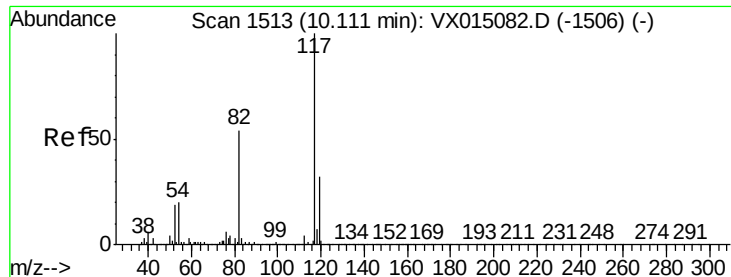
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





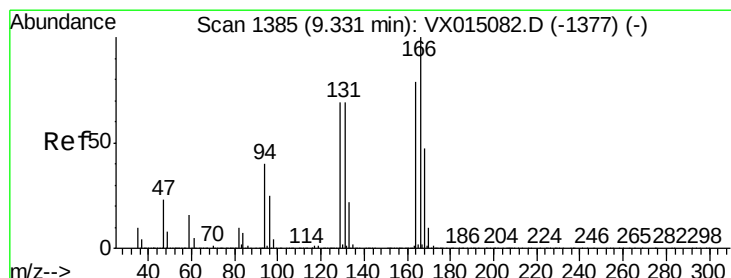
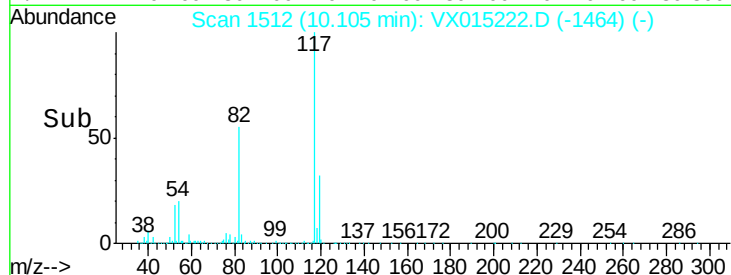
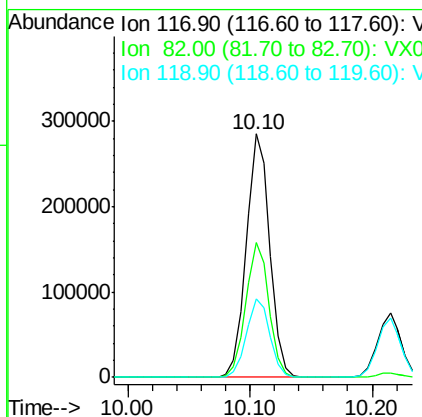
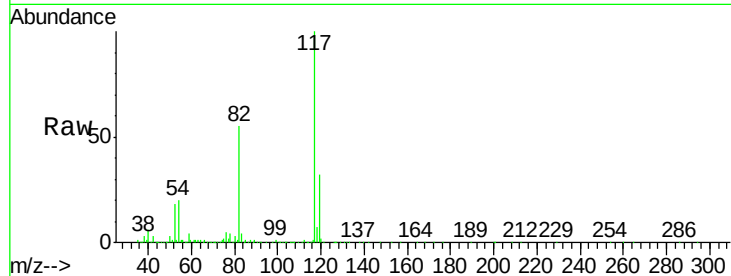
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	378830		
82	55.3		43.3	64.9
119	32.3		25.8	38.8

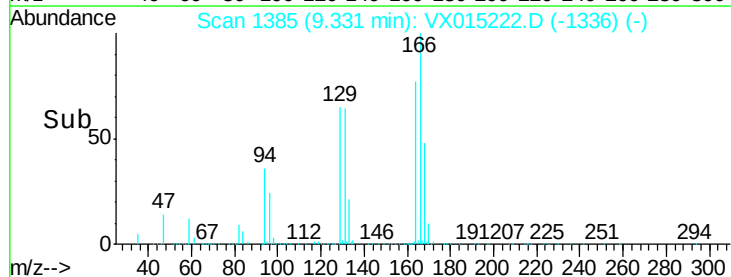
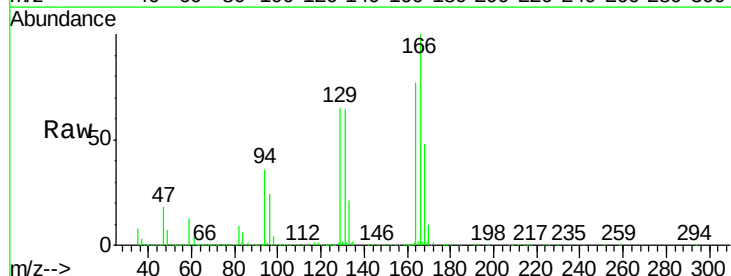
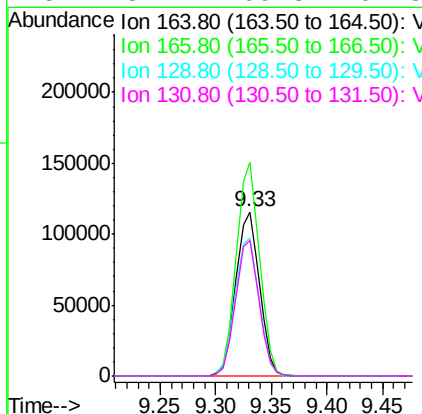
Manual Integrations
APPROVED

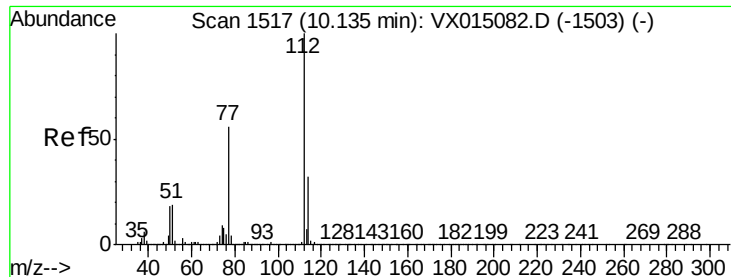
MMDadoda
3/16/2020 11:43:27 AM



#64
Tetrachloroethene
Concen: 54.402 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170399		
166	130.1		101.1	151.7
129	84.3		69.4	104.0
131	82.7		69.8	104.8





#65

Chlorobenzene

Concen: 51.673 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 393001

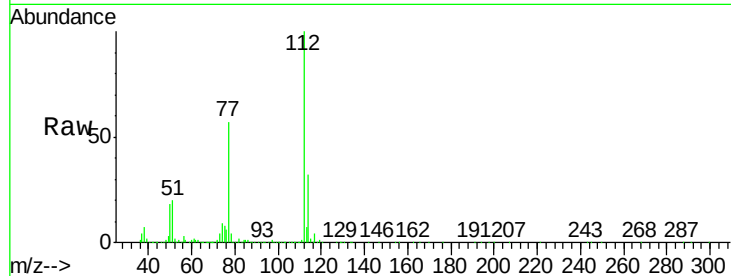
Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3

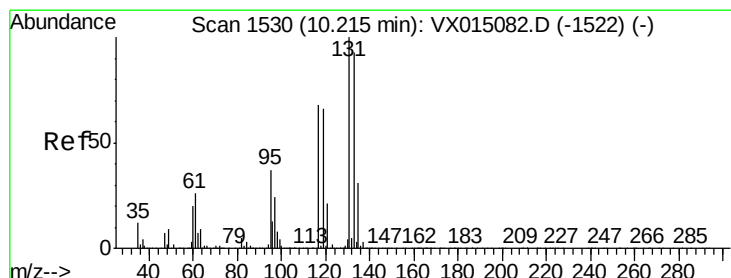
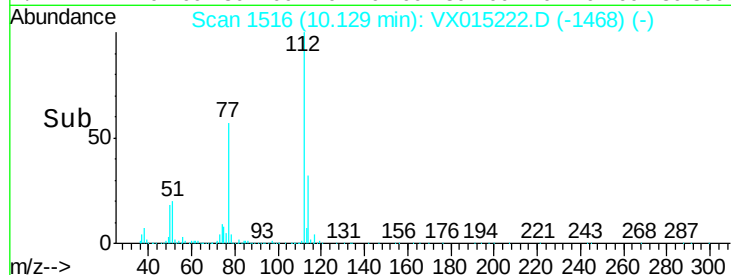
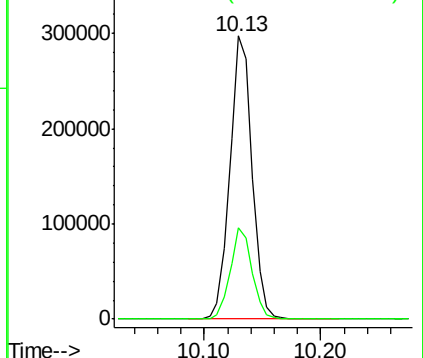
Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.170 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

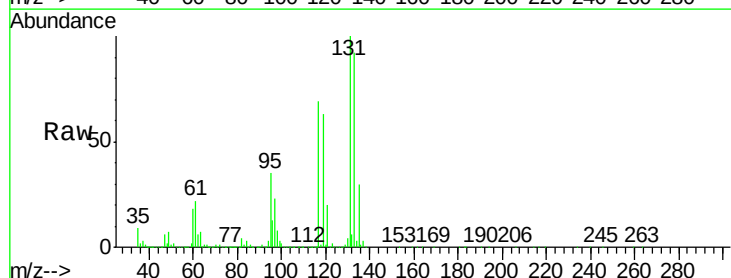
Tgt Ion:131 Resp: 146748

Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.5

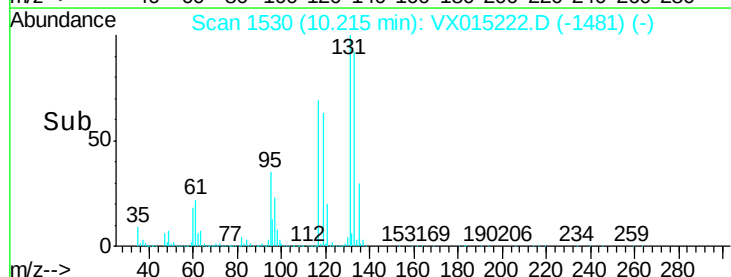
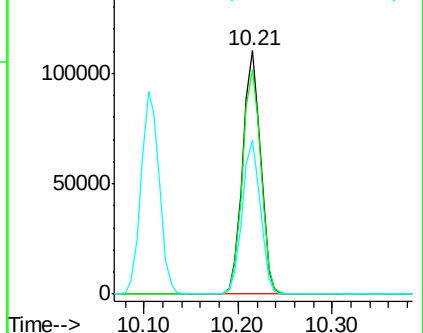
119 63.9 33.4 100.1

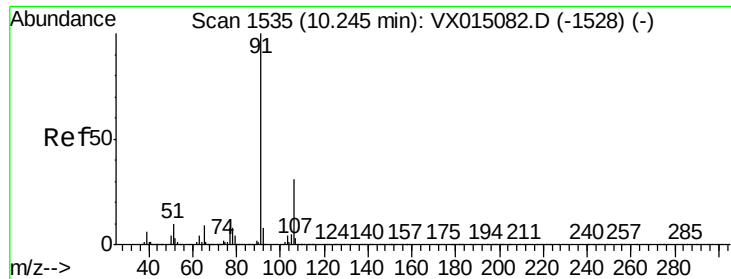


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





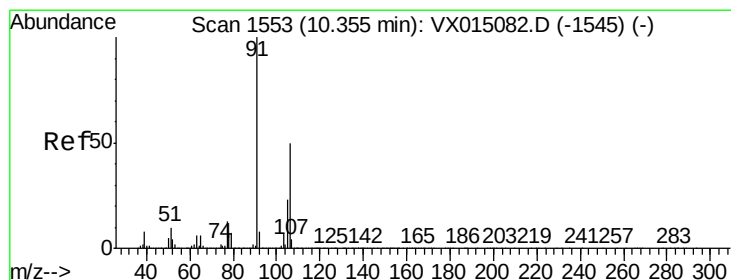
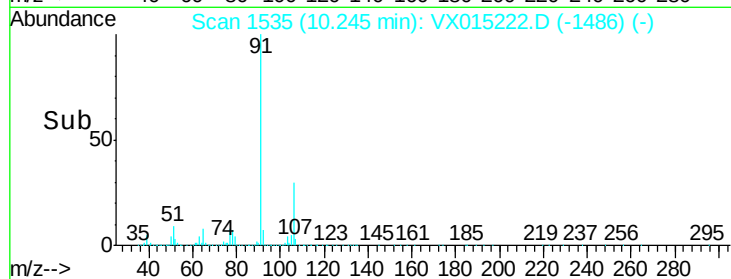
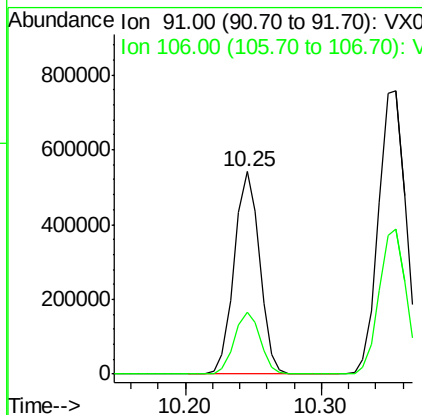
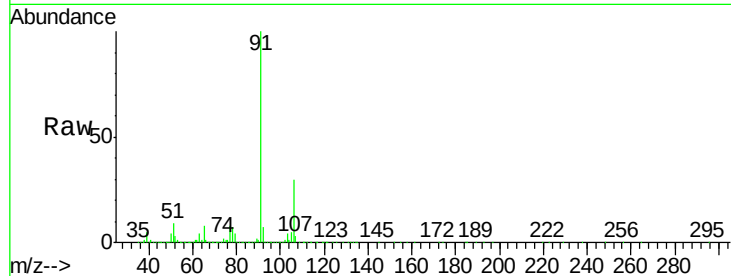
#67
Ethyl Benzene
Concen: 54.661 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.9	37.3

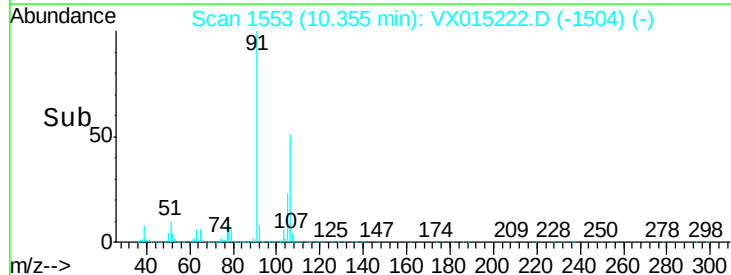
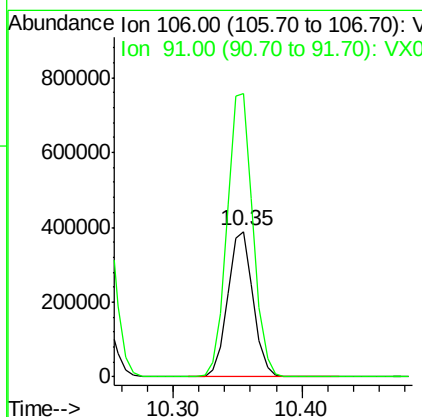
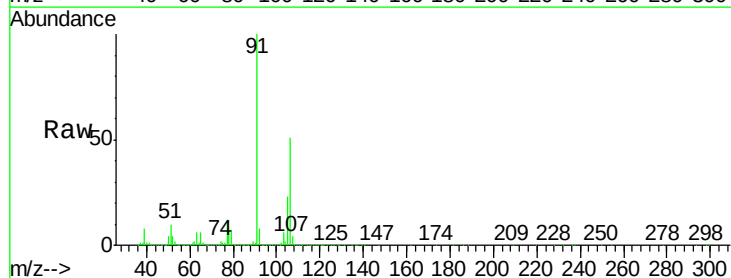
Manual Integrations
APPROVED

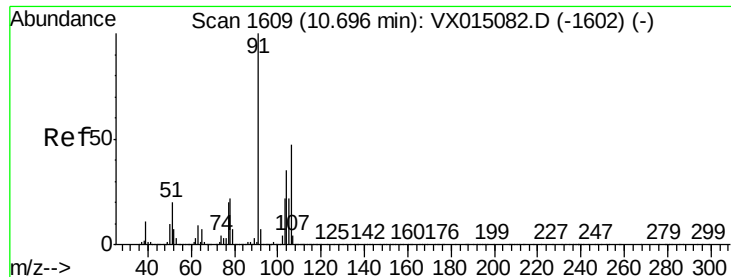
MMDadoda
3/16/2020 11:43:27 AM



#68
m/p-Xylenes
Concen: 109.240 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.3	159.4	239.2





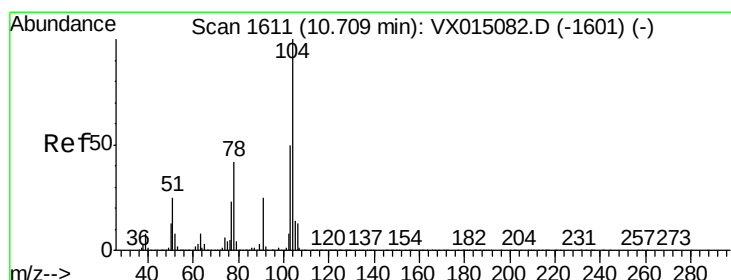
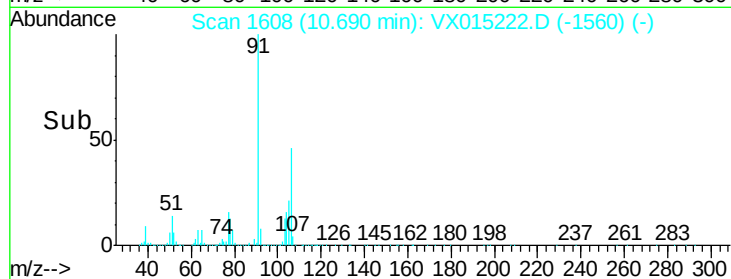
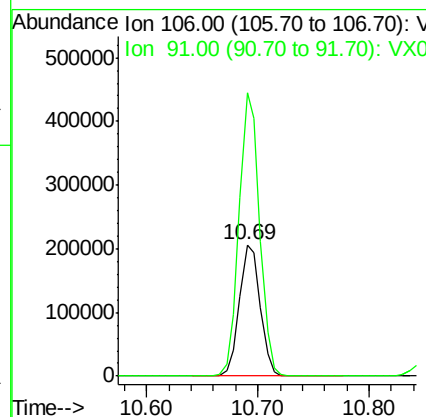
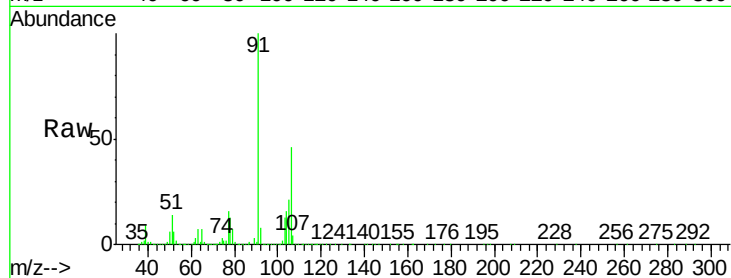
#69
o-Xylene
Concen: 56.908 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.2	105.4	316.1

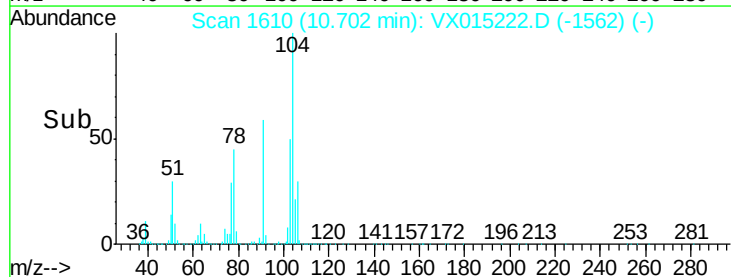
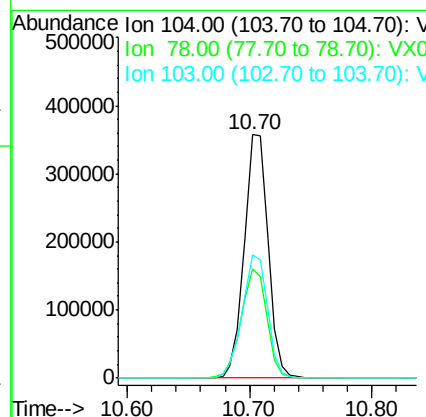
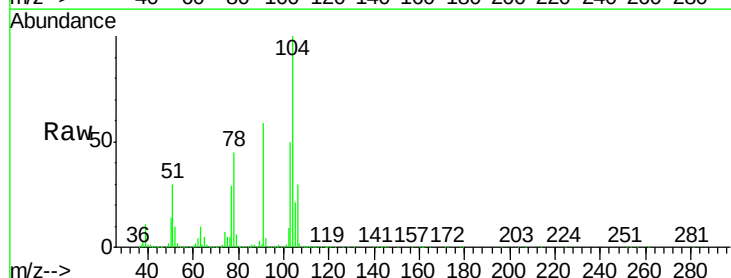
Manual Integrations
APPROVED

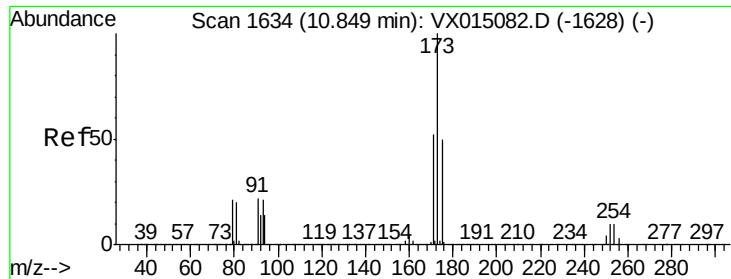
MMDadoda
3/16/2020 11:43:27 AM



#70
Styrene
Concen: 59.705 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	39.0	58.4
103	54.1	43.7	65.5





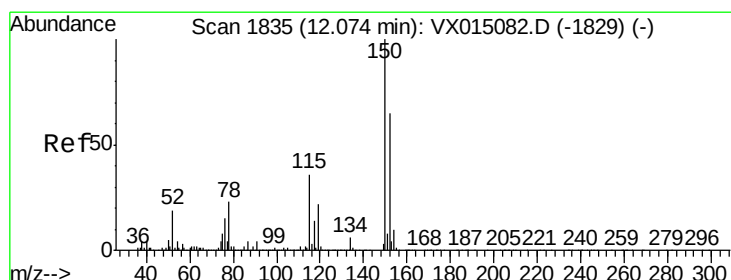
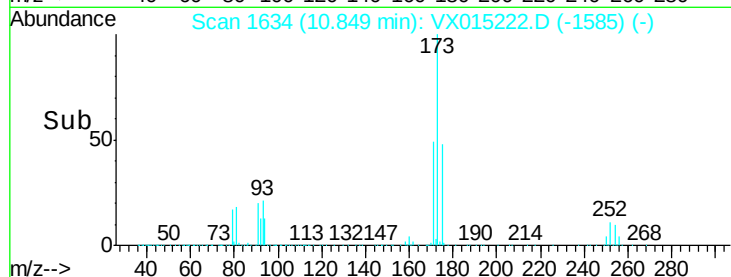
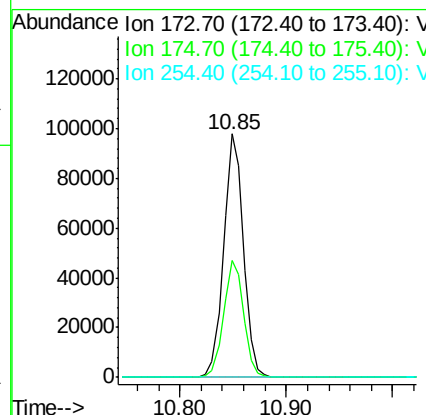
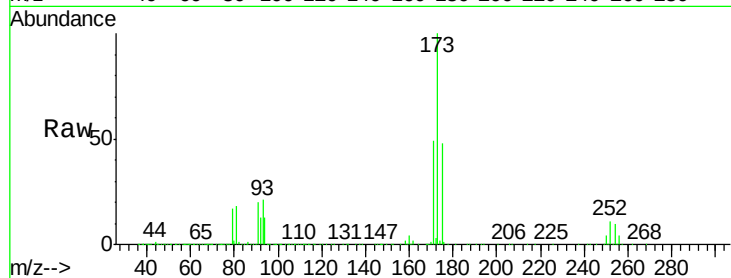
#71
Bromoform
Concen: 56.866 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.9	74.7
254	0.0	0.2	0.2#

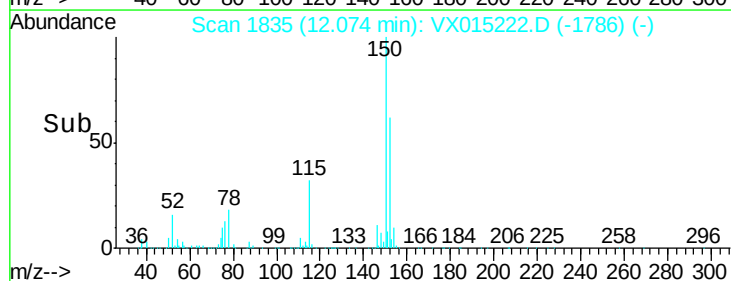
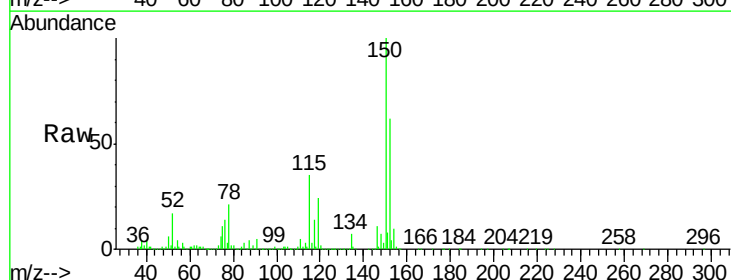
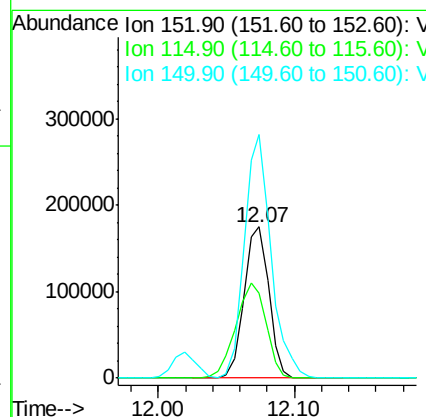
Manual Integrations
APPROVED

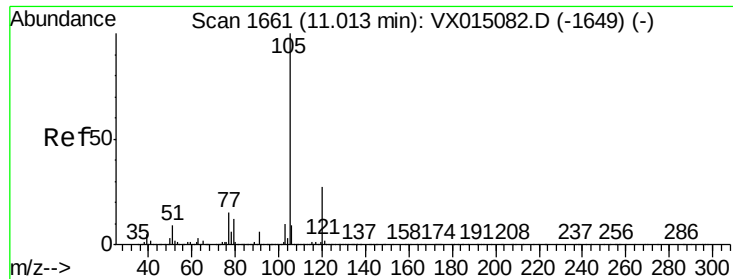
MMDadoda
3/16/2020 11:43:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.7	38.2	114.6
150	173.7	0.0	343.8





#73

Isopropylbenzene

Concen: 52.103 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 736795

Ion Ratio Lower Upper

105 100

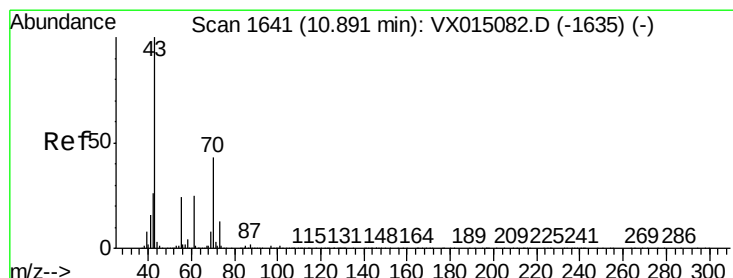
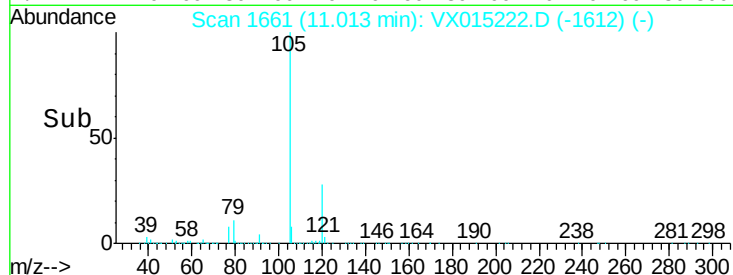
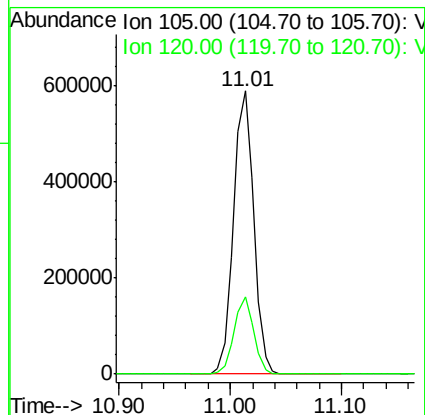
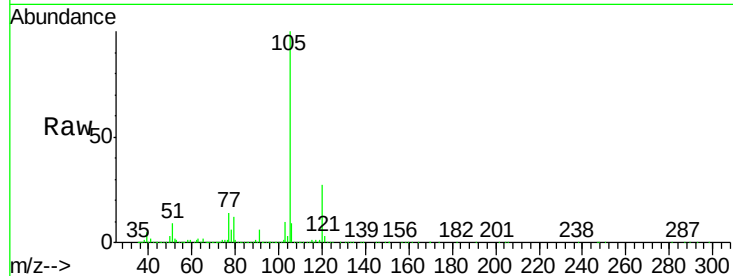
120 26.8

13.5 40.5

Manual Integrations
APPROVED

MMDadoda

3/16/2020 11:43:27 AM



#74

N-ethyl acetate

Concen: 50.489 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion: 43 Resp: 300891

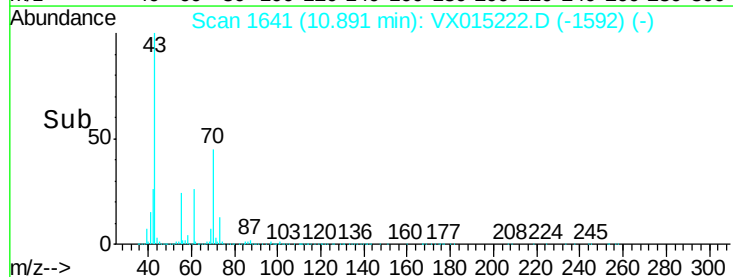
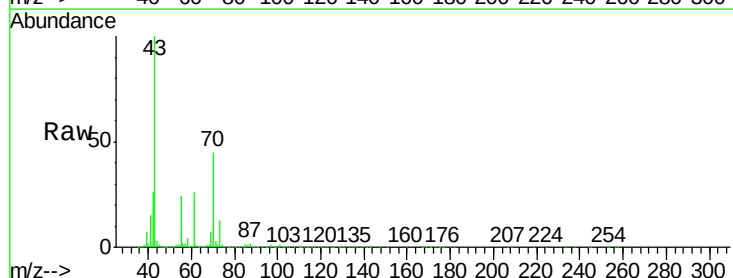
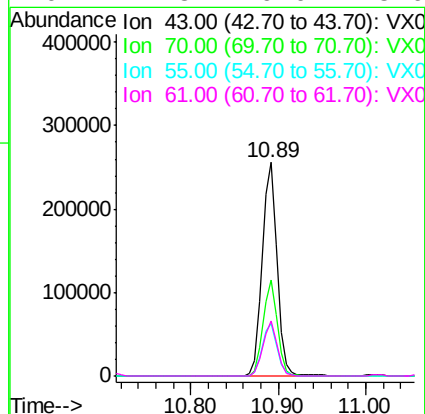
Ion Ratio Lower Upper

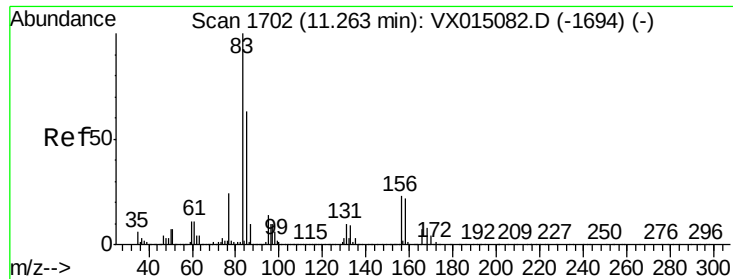
43 100

70 43.3 34.7 52.1

55 24.6 19.4 29.0

61 24.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.256 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

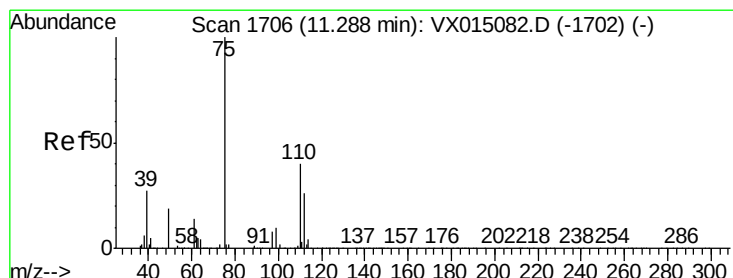
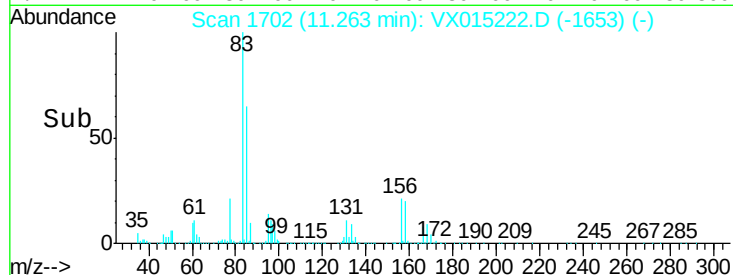
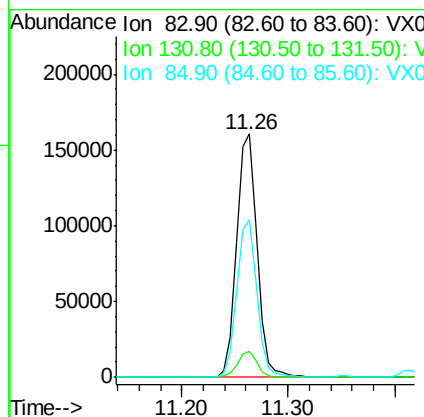
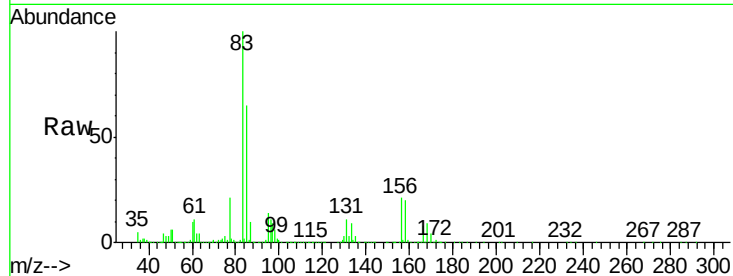
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	217992
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	63.8	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#76

1,2,3-Trichloropropane

Concen: 42.677 ug/l m

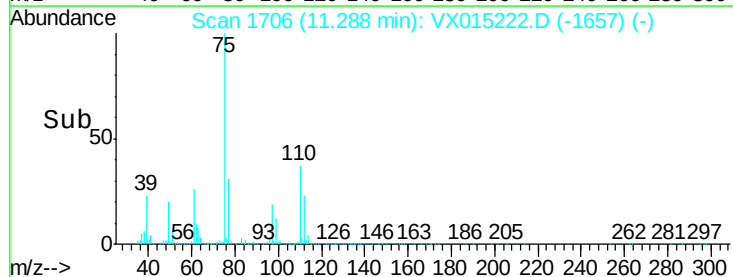
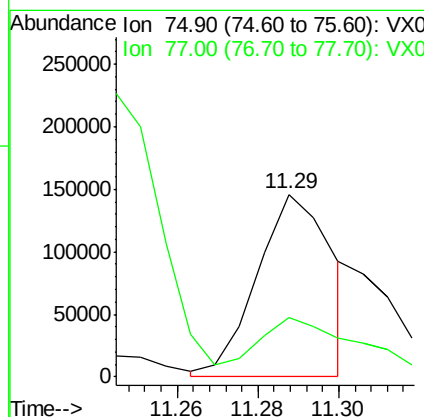
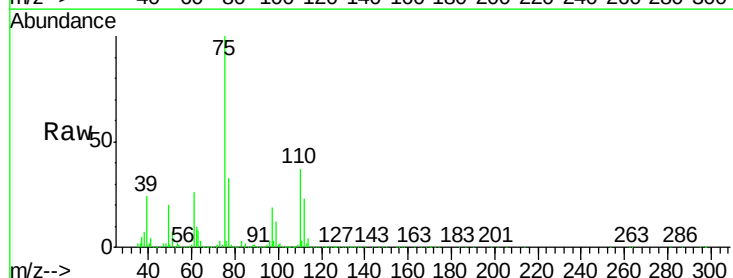
RT: 11.29 min Scan# 1706

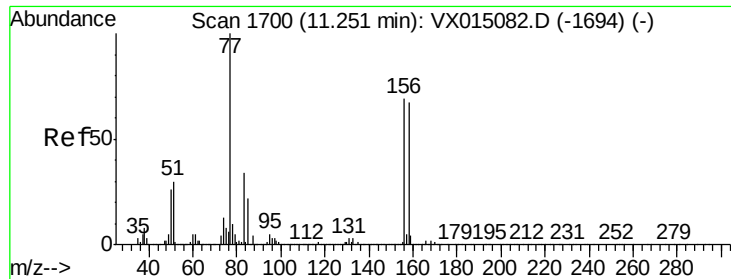
Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	75	Resp:	188444
Ion Ratio	Lower	Upper	
75	100		
77	44.1	22.6	67.8





#77

Bromobenzene

Concen: 49.661 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

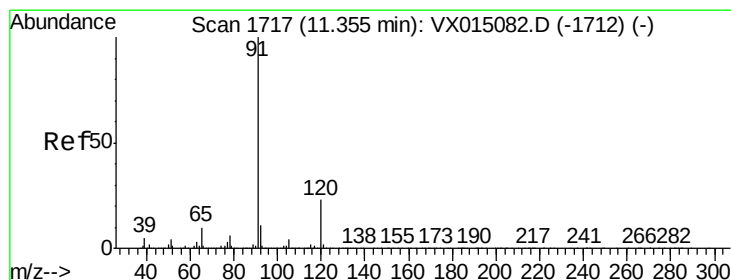
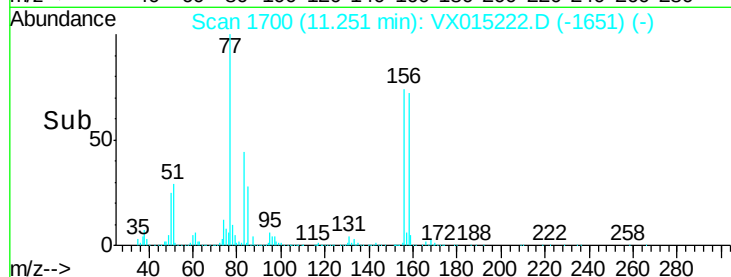
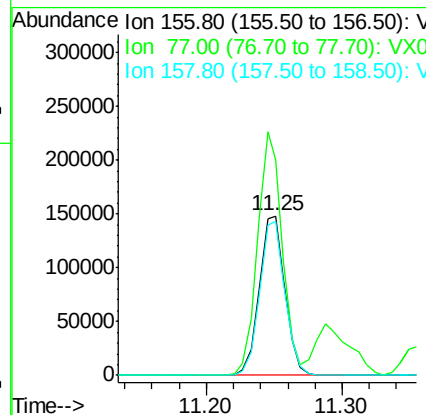
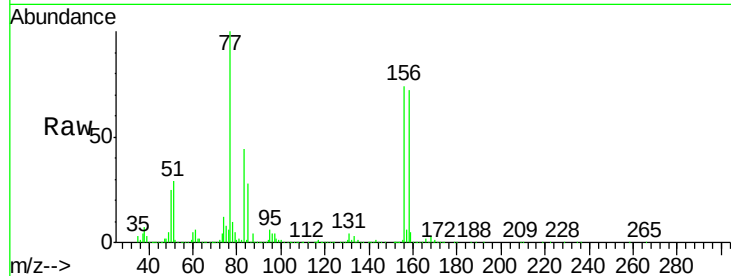
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.0	75.3	225.9
158	95.6	48.5	145.6

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#78

n-propylbenzene

Concen: 53.362 ug/l

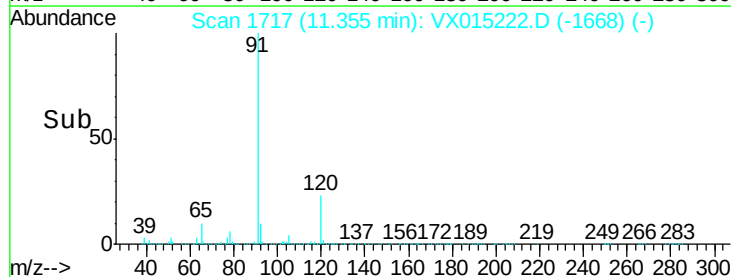
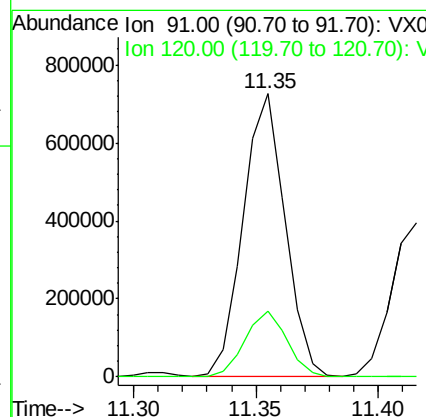
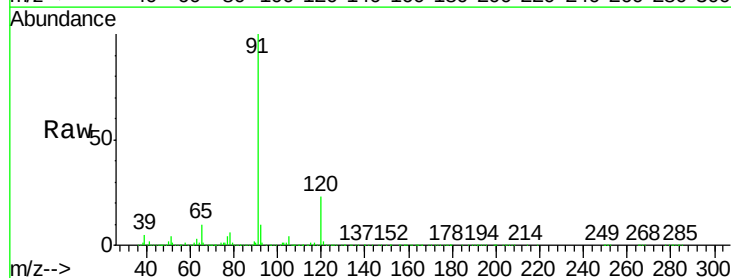
RT: 11.35 min Scan# 1717

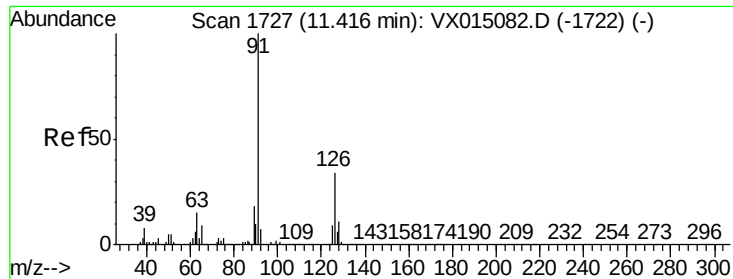
Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.323 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 495171

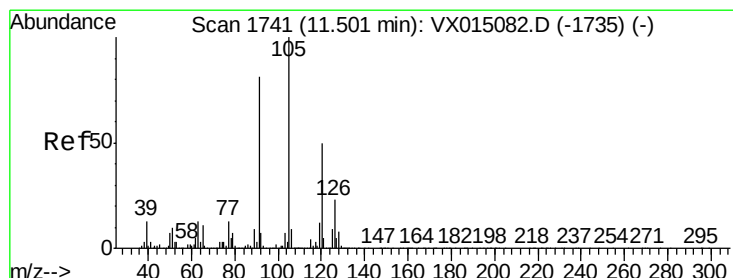
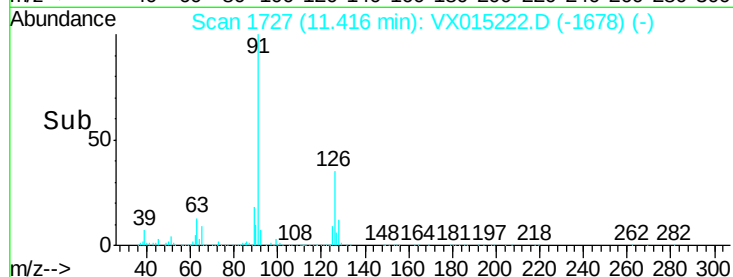
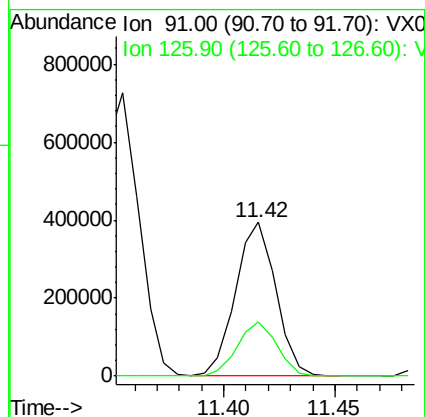
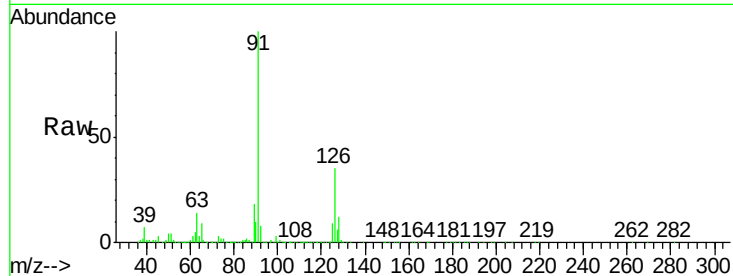
Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#80

1,3,5-Trimethylbenzene

Concen: 52.605 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015222.D

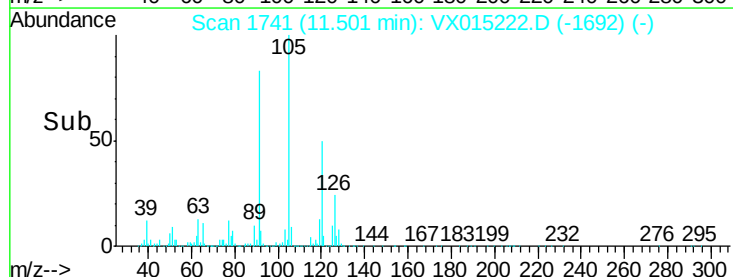
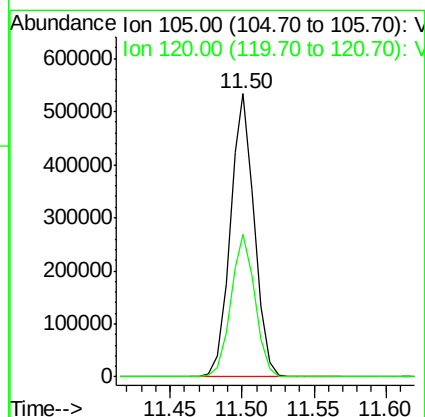
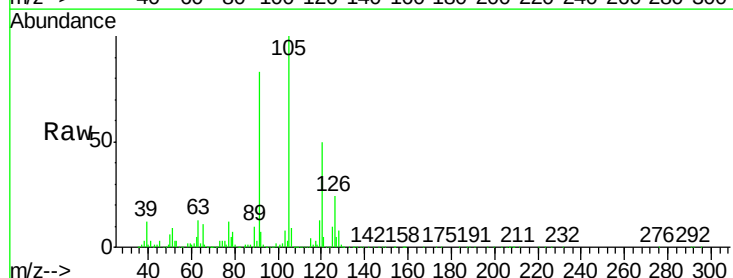
Acq: 12 Mar 2020 08:56

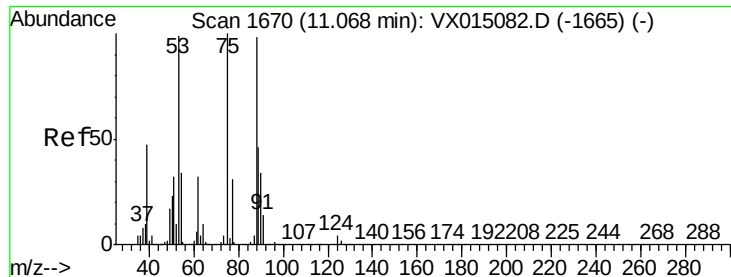
Tgt Ion: 105 Resp: 619262

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.4





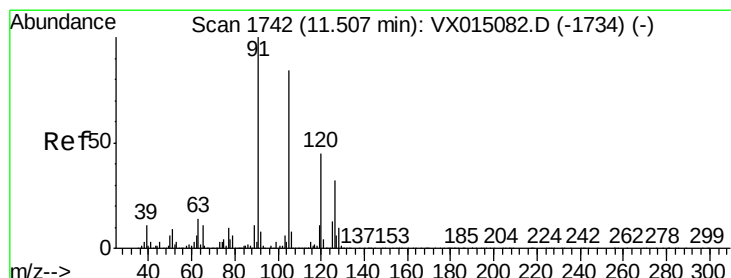
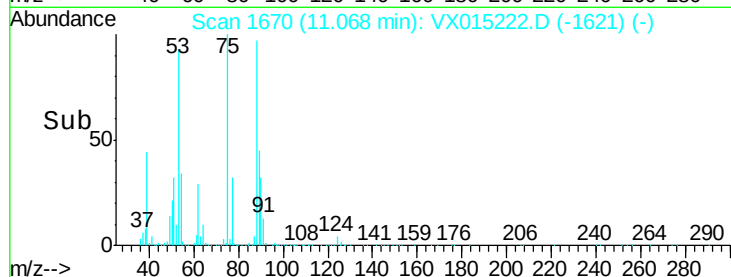
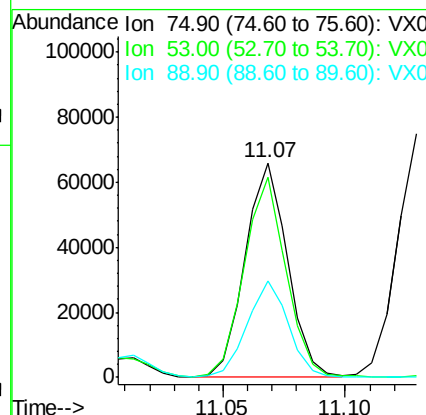
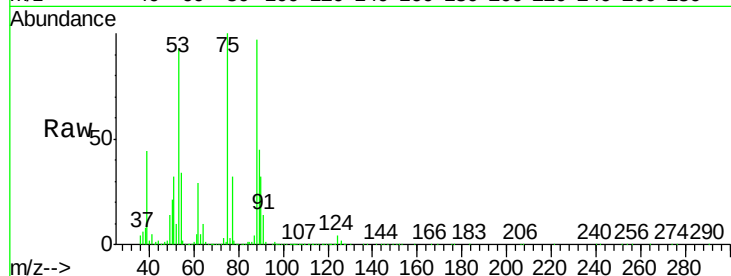
#81
trans-1,4-Dichloro-2-butene
Concen: 50.625 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	77.9	116.9
89	44.6	36.2	54.2

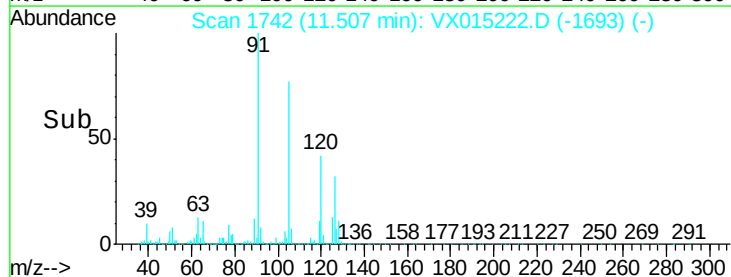
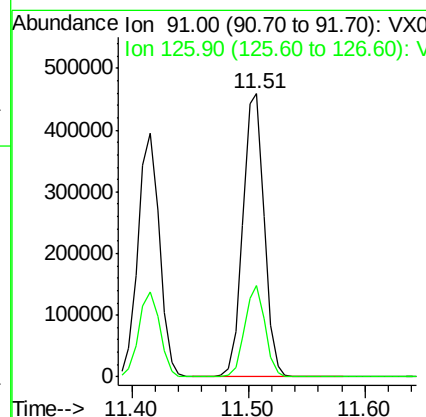
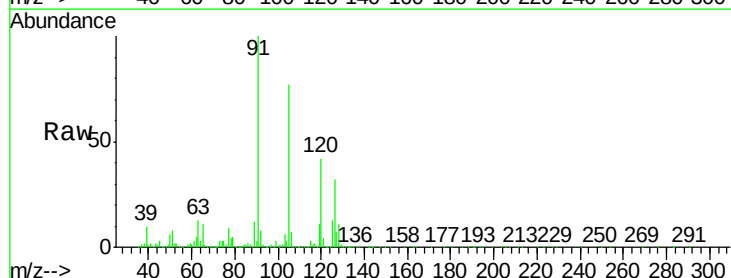
Manual Integrations
APPROVED

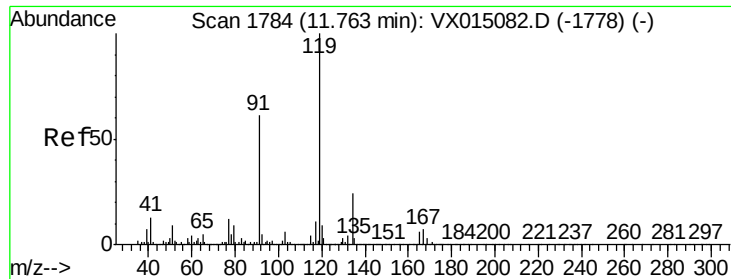
MMDadoda
3/16/2020 11:43:27 AM



#82
4-Chlorotoluene
Concen: 51.561 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015222.D
Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.2





#83

tert-Butylbenzene

Concen: 51.327 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

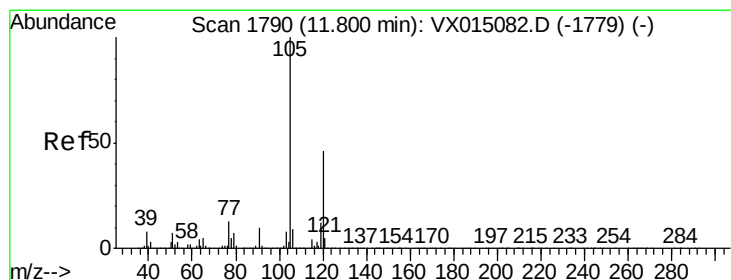
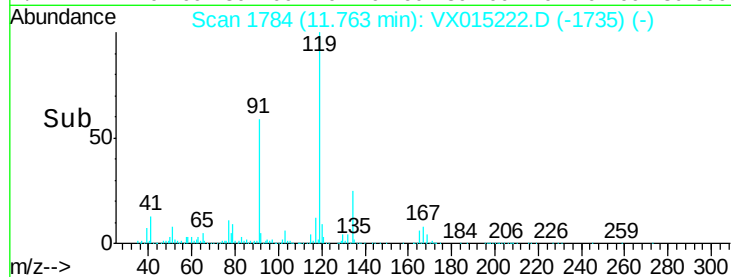
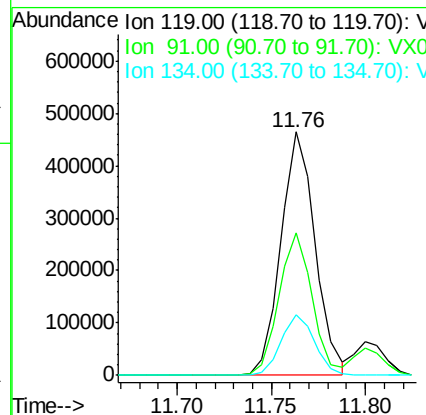
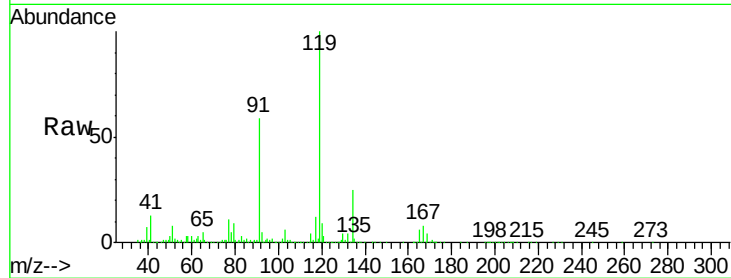
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	584236
Ion Ratio	Lower	Upper	
119	100		
91	57.0	28.5	85.6
134	24.2	11.9	35.7

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#84

1,2,4-Trimethylbenzene

Concen: 52.888 ug/l

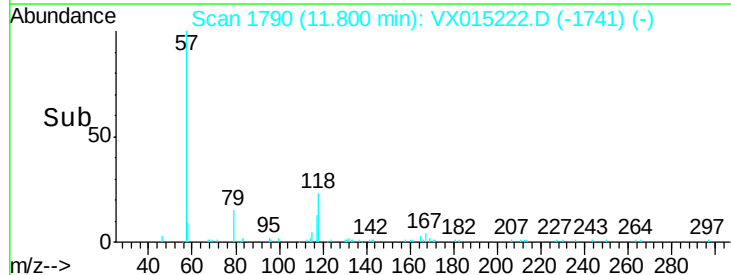
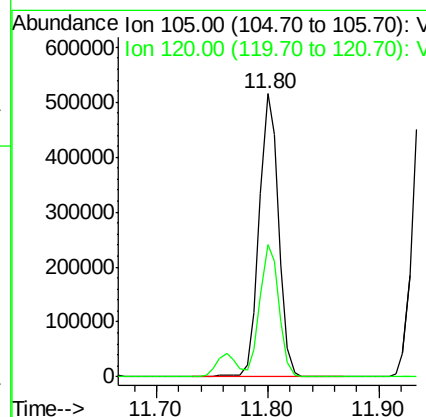
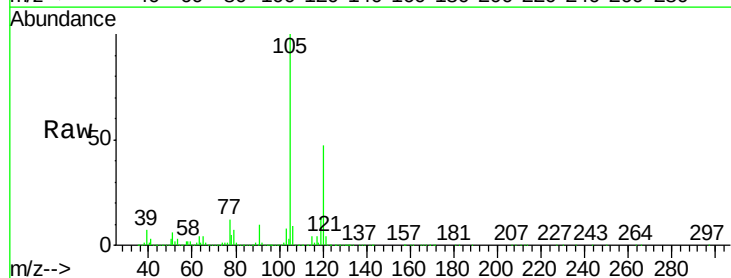
RT: 11.80 min Scan# 1790

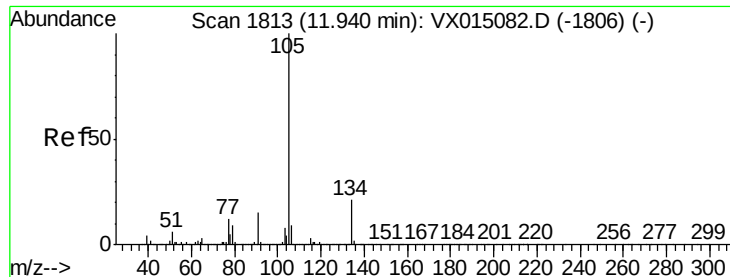
Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	105	Resp:	625461
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.5





#85

sec-Butylbenzene

Concen: 53.475 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 734792

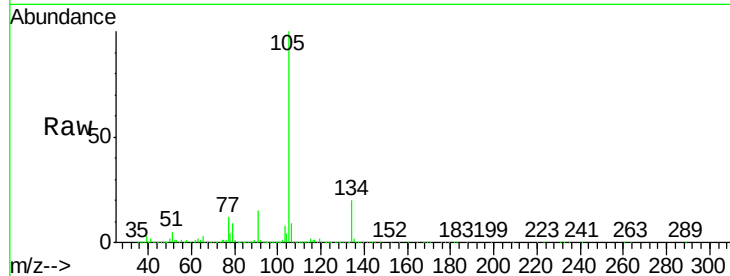
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2

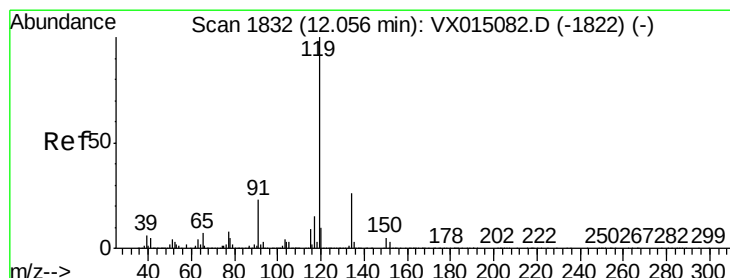
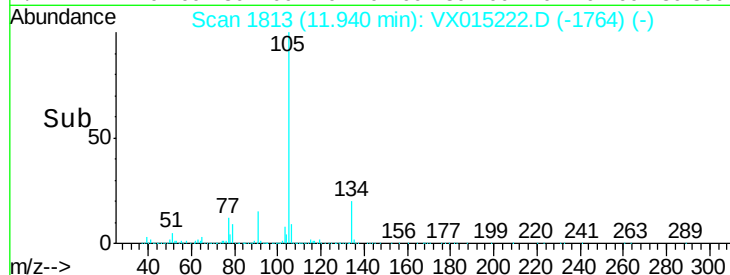
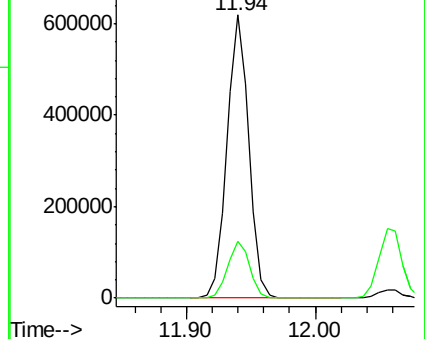
Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.270 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

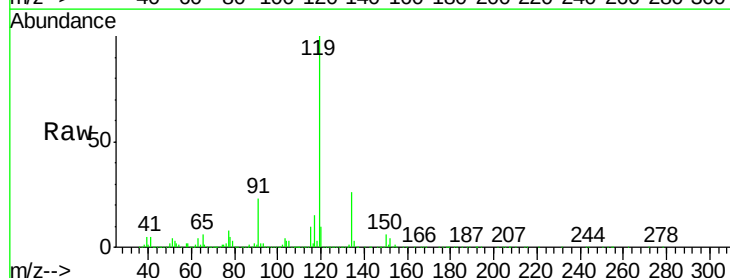
Tgt Ion:119 Resp: 699700

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

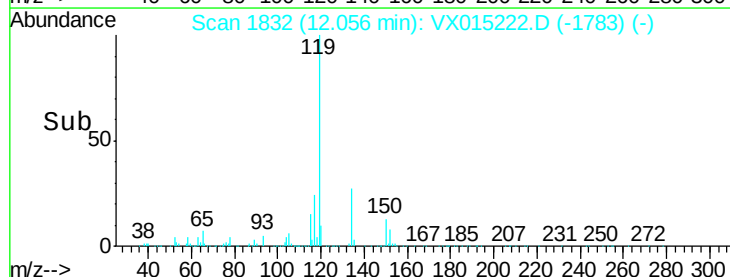
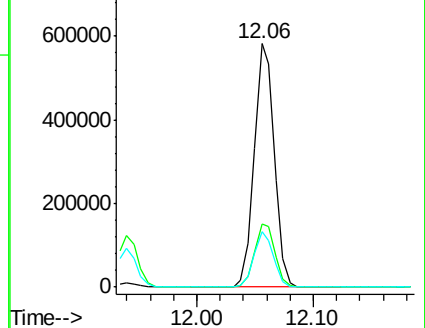
91 22.1 11.3 33.8

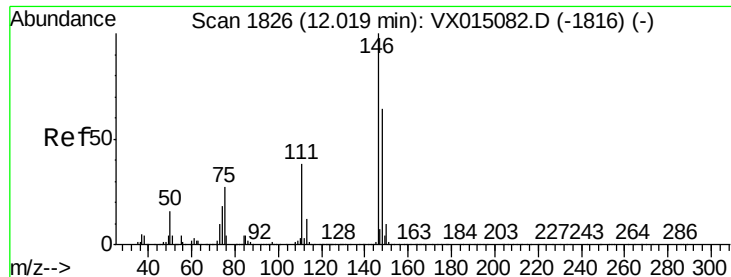


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.033 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

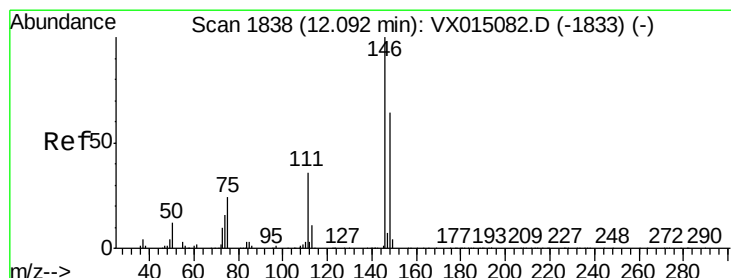
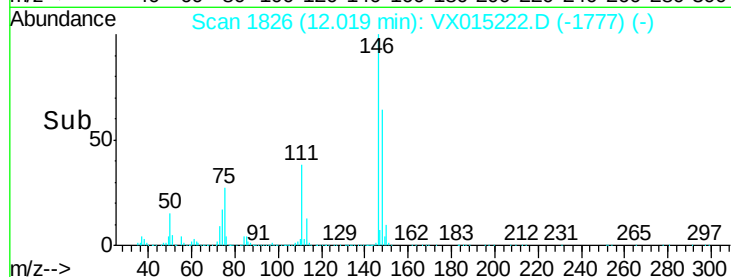
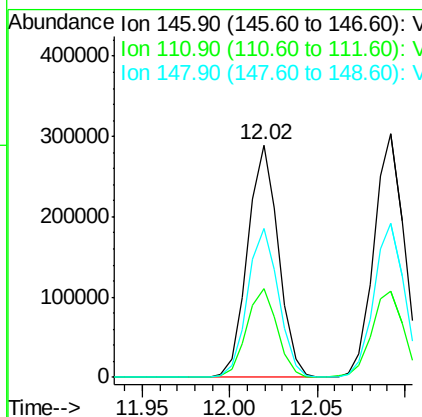
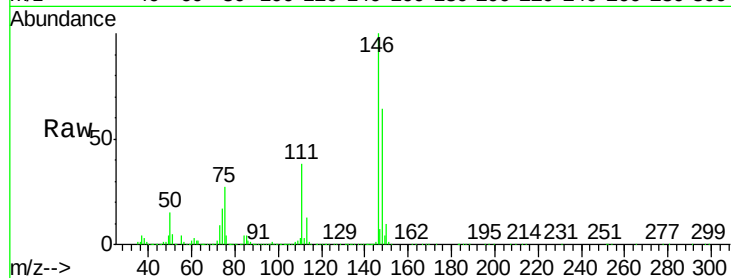
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	353556
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.1	57.1
148	64.2	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#88

1,4-Dichlorobenzene

Concen: 50.522 ug/l

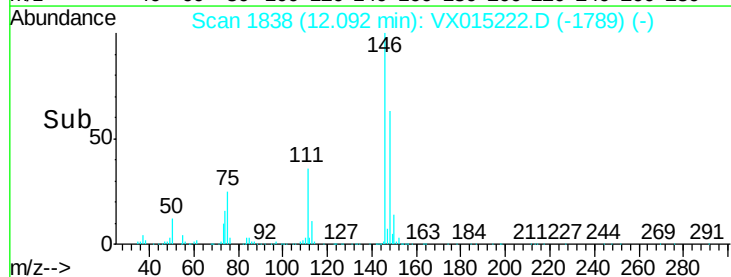
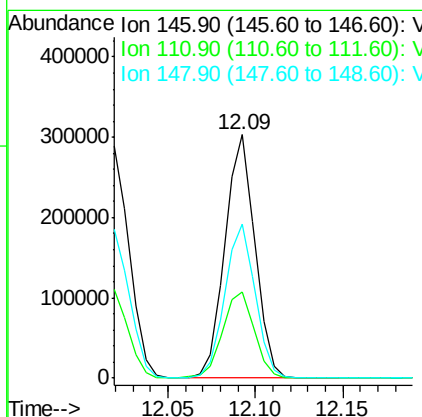
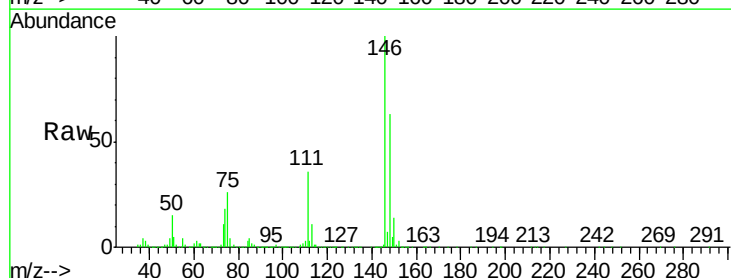
RT: 12.09 min Scan# 1838

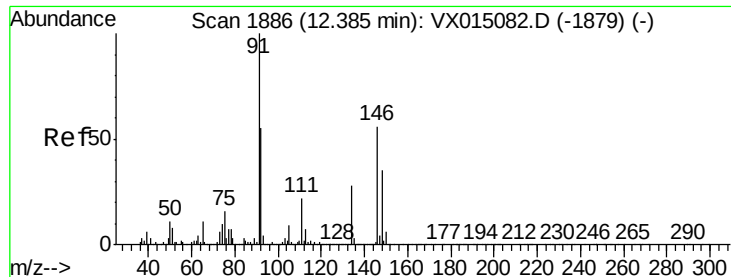
Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	146	Resp:	361365
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.7	56.1
148	63.7	32.5	97.4





#89

n-Butylbenzene

Concen: 55.484 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

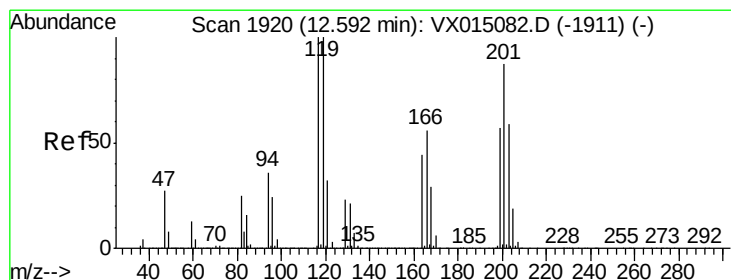
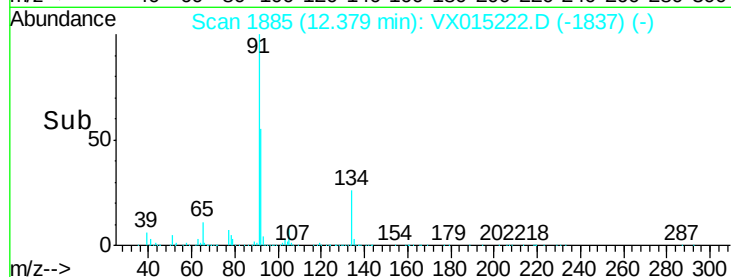
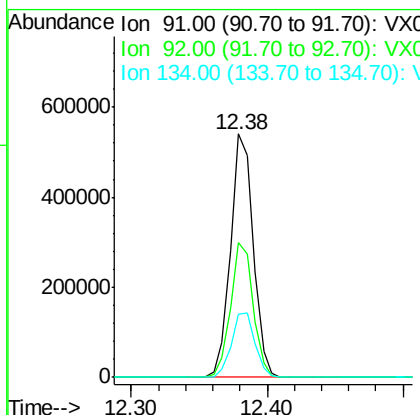
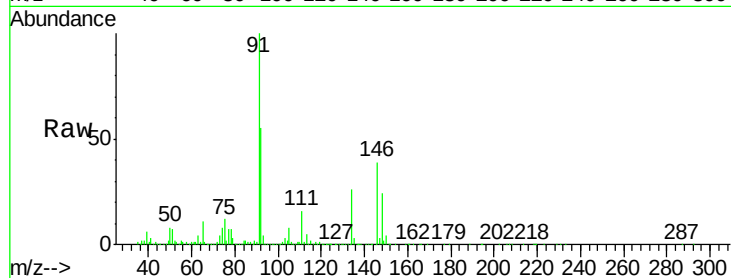
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	624716
Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	27.4	13.5	40.5

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#90

Hexachloroethane

Concen: 48.998 ug/l

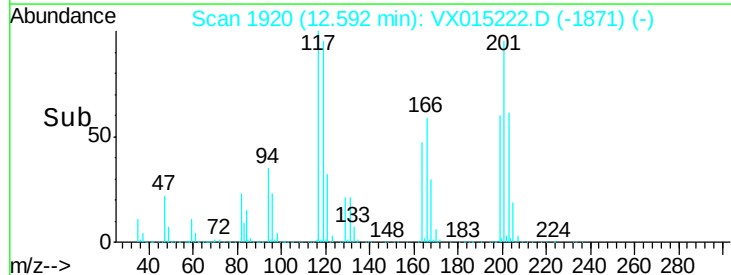
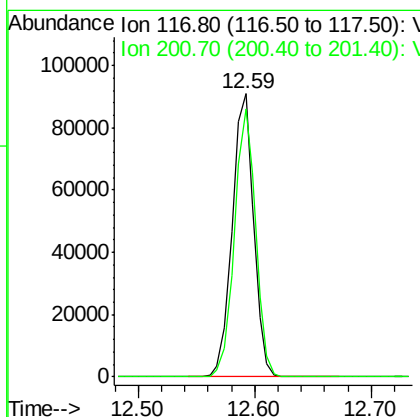
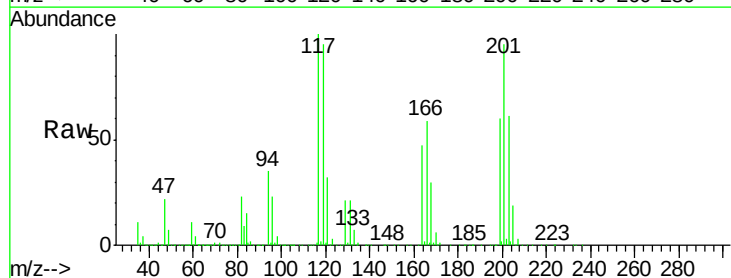
RT: 12.59 min Scan# 1920

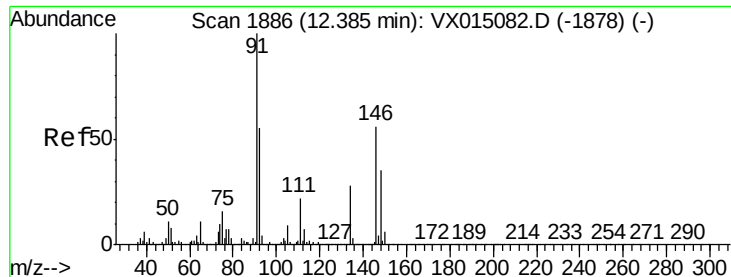
Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	117	Resp:	117270
Ion	Ratio	Lower	Upper
117	100		
201	93.0	43.5	130.7





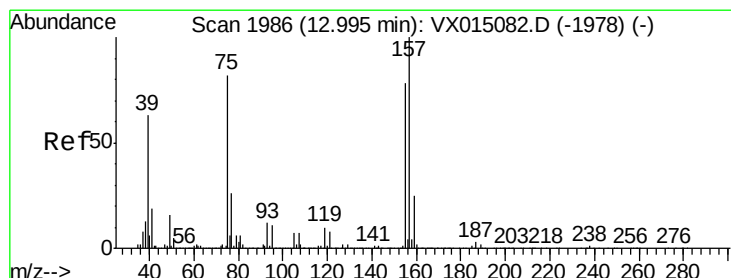
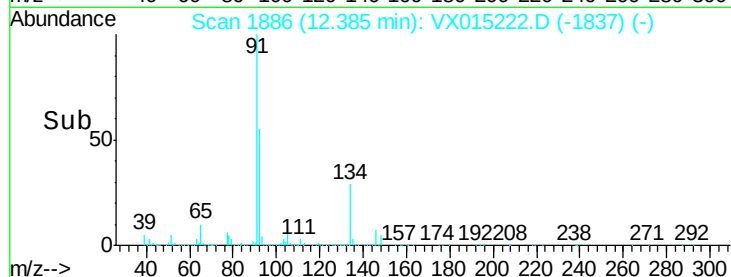
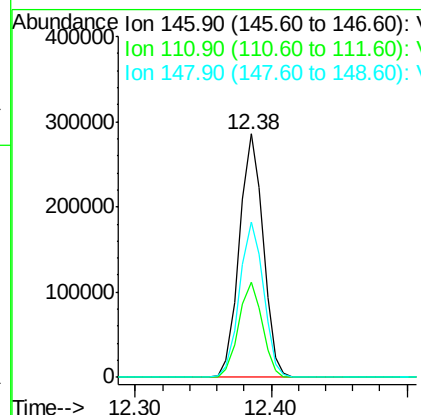
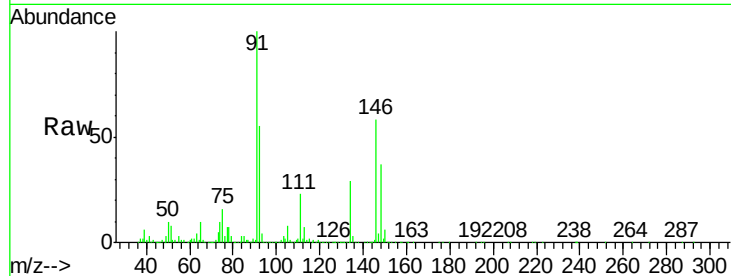
#91
 1,2-Dichlorobenzene
 Concen: 50.525 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	348009		
111	38.9	19.9	59.7	
148	64.3	32.3	96.8	

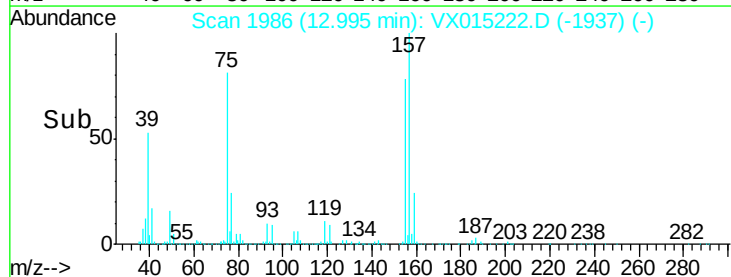
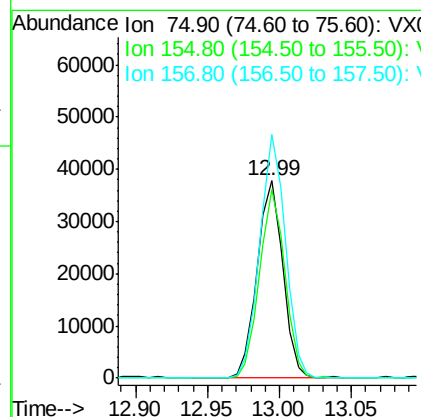
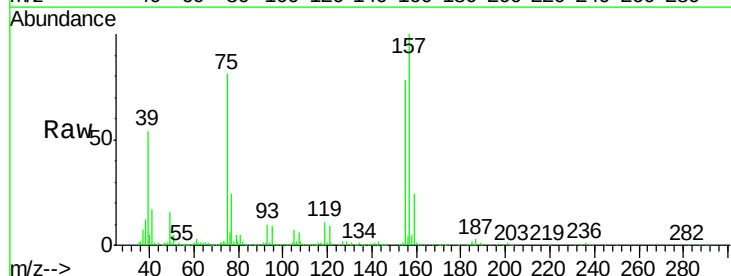
Manual Integrations
 APPROVED

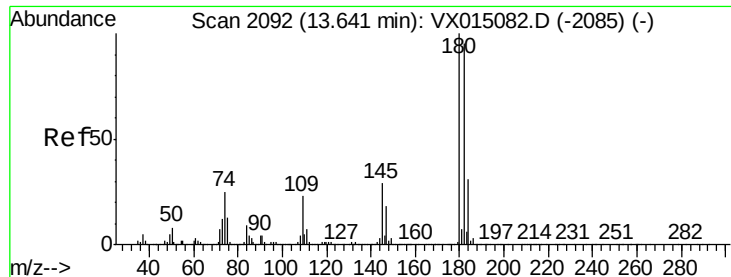
MMDadoda
 3/16/2020 11:43:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.580 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46788		
155	94.1	46.6	139.7	
157	122.9	59.2	177.5	





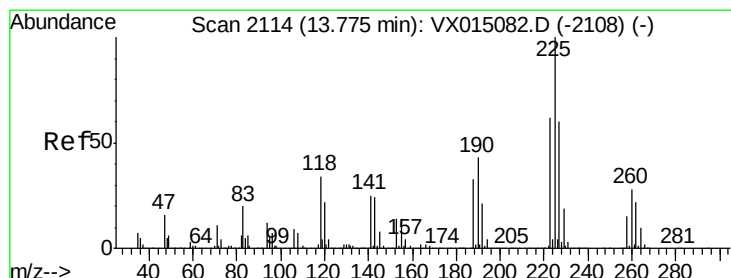
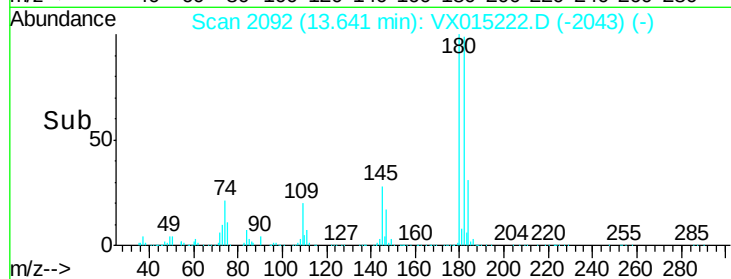
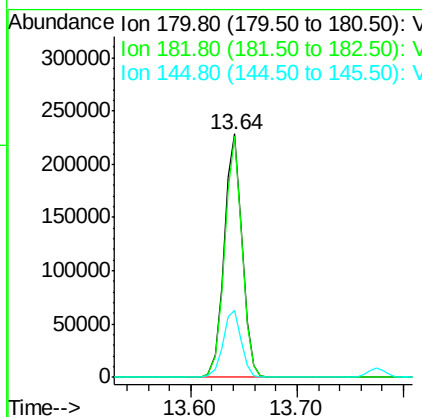
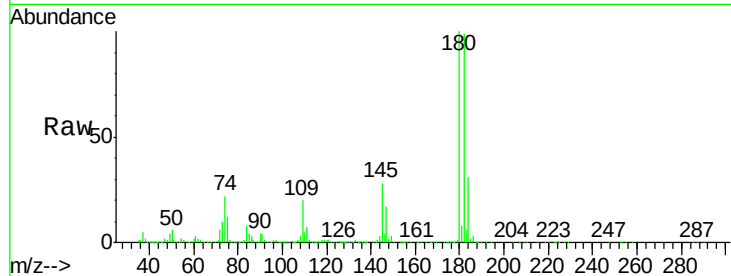
#93
 1,2,4-Trichlorobenzene
 Concen: 56.350 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	269416		
182	96.0	47.6	142.8	
145	27.9	14.1	42.2	

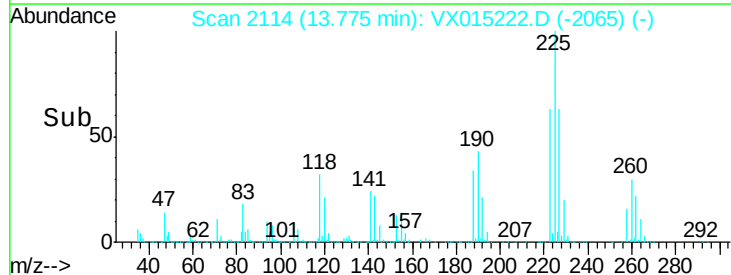
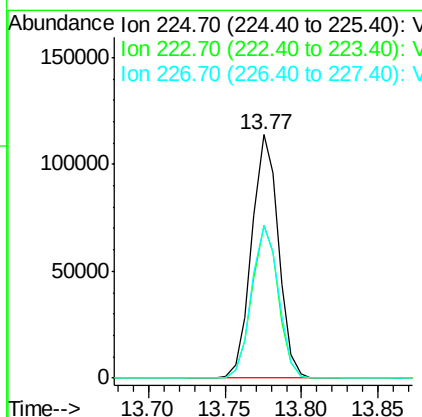
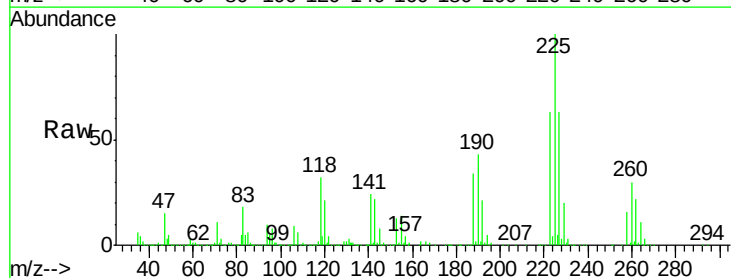
Manual Integrations
 APPROVED

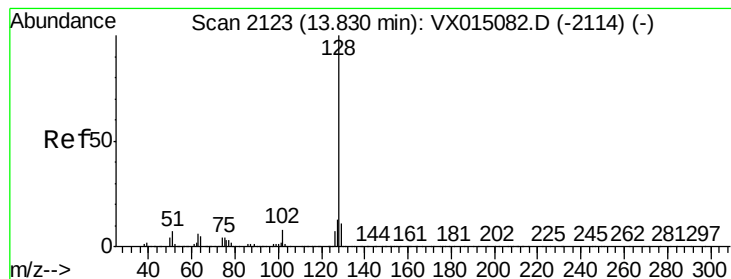
MMDadoda
 3/16/2020 11:43:27 AM



#94
 Hexachlorobutadiene
 Concen: 56.459 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015222.D
 Acq: 12 Mar 2020 08:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138518		
223	61.7	31.3	93.9	
227	62.9	31.1	93.2	





#95

Naphthalene

Concen: 48.422 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Instrument :

MSVOA_X

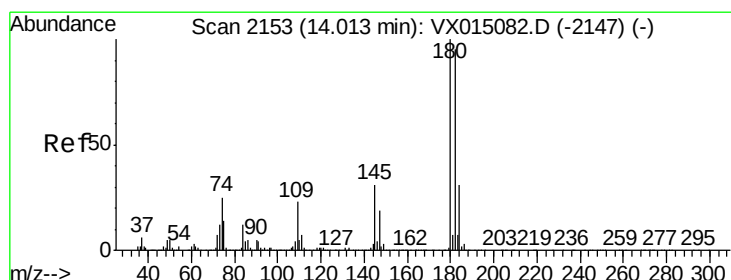
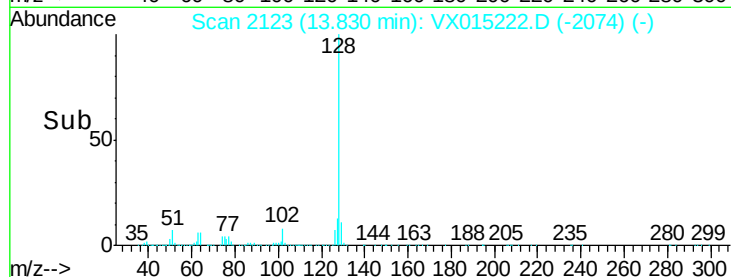
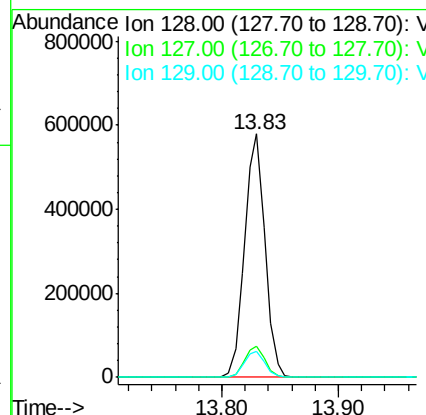
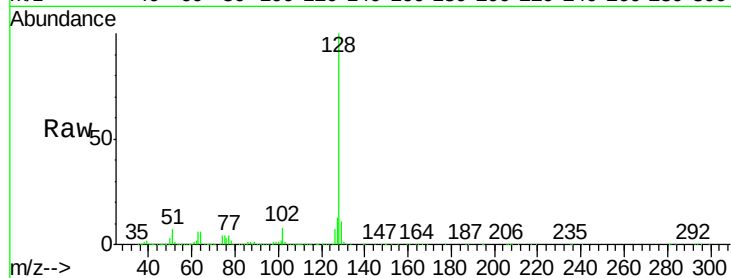
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	708844
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 55.635 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015222.D

Acq: 12 Mar 2020 08:56

Tgt Ion:	180	Resp:	265398
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.4
145	29.4	15.1	45.3

