

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014773.D
 Acq On : 30 Jan 2020 17:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:19 AM

Quant Time: Jan 31 04:45:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	629784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	575425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237565	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.48	113	198547	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	8.71	98	754677	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	269607	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	256752	44.882	ug/l	98
3) Chloromethane	1.32	50	250254	43.351	ug/l	100
4) Vinyl Chloride	1.40	62	291254	46.663	ug/l	100
5) Bromomethane	1.63	94	182731	43.102	ug/l	97
6) Chloroethane	1.72	64	164413	45.928	ug/l	99
7) Trichlorofluoromethane	1.92	101	331663	45.635	ug/l	97
8) Diethyl Ether	2.18	74	142615	44.958	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	204003	47.816	ug/l	99
10) Methyl Iodide	2.50	142	267892	47.853	ug/l	99
11) Tert butyl alcohol	3.02	59	217612	194.515	ug/l	99
12) 1,1-Dichloroethene	2.37	96	190644	44.943	ug/l	98
13) Acrolein	2.28	56	207364	235.080	ug/l	100
14) Allyl chloride	2.72	41	351132	46.053	ug/l	98
15) Acrylonitrile	3.13	53	573689	221.629	ug/l	100
16) Acetone	2.43	43	487562	178.570	ug/l	100
17) Carbon Disulfide	2.56	76	492543	42.484	ug/l	98
18) Methyl Acetate	2.76	43	350313	44.938	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	663329	47.742	ug/l	100
20) Methylene Chloride	2.85	84	224441	44.413	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	208935	44.734	ug/l	98
22) Diisopropyl ether	3.84	45	726371	47.884	ug/l	94
23) Vinyl Acetate	3.80	43	2792163	241.462	ug/l	100
24) 1,1-Dichloroethane	3.69	63	389923	47.331	ug/l	99
25) 2-Butanone	4.65	43	787654	201.298	ug/l	98
26) 2,2-Dichloropropane	4.58	77	317232	48.109	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	241890	46.274	ug/l	100
28) Bromochloromethane	5.00	49	163010	45.029	ug/l	99
29) Tetrahydrofuran	5.11	42	511079	220.068	ug/l	100
30) Chloroform	5.20	83	382342	46.851	ug/l	98
31) Cyclohexane	5.57	56	352441	45.486	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	325046	47.121	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288026	49.219	ug/l	99
37) Ethyl Acetate	4.81	43	308519	46.031	ug/l	100
38) Carbon Tetrachloride	5.78	117	279688	50.044	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014773.D
 Acq On : 30 Jan 2020 17:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:19 AM

Quant Time: Jan 31 04:45:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	363643	49.603	ug/l	97
40) Benzene	6.13	78	876317	48.465	ug/l	99
41) Methacrylonitrile	5.03	41	172431	45.069	ug/l	97
42) 1,2-Dichloroethane	6.18	62	307822	49.300	ug/l	99
43) Isopropyl Acetate	6.43	43	514346	46.863	ug/l	100
44) Trichloroethene	7.20	130	241788	47.342	ug/l	96
45) 1,2-Dichloropropane	7.50	63	231071	49.606	ug/l	98
46) Dibromomethane	7.65	93	148927	49.364	ug/l	99
47) Bromodichloromethane	7.89	83	301240	50.910	ug/l	98
48) Methyl methacrylate	7.76	41	257638	49.129	ug/l	99
49) 1,4-Dioxane	7.73	88	88064	792.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1601174	231.142	ug/l	100
52) Toluene	8.78	92	548017	49.306	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	329716	51.750	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	369608	52.733	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	225169	49.481	ug/l	99
56) Ethyl methacrylate	9.17	69	353541	45.976	ug/l	100
57) 1,3-Dichloropropane	9.36	76	379362	48.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	542180	236.911	ug/l	99
59) 2-Hexanone	9.48	43	1205904	224.337	ug/l	99
60) Dibromochloromethane	9.57	129	237882	50.082	ug/l	98
61) 1,2-Dibromoethane	9.67	107	233084	48.445	ug/l	100
64) Tetrachloroethene	9.33	164	259457	45.551	ug/l	99
65) Chlorobenzene	10.13	112	593506	48.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	221231	48.750	ug/l	98
67) Ethyl Benzene	10.25	91	1061770	50.522	ug/l	99
68) m/p-Xylenes	10.35	106	817890	102.727	ug/l	98
69) o-Xylene	10.70	106	388967	50.605	ug/l	99
70) Styrene	10.71	104	671102	52.050	ug/l	100
71) Bromoform	10.85	173	186121	51.574	ug/l #	99
73) Isopropylbenzene	11.01	105	1044337	50.382	ug/l	100
74) N-amyl acetate	10.89	43	449965	49.537	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	335992	45.398	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	285472m	41.622	ug/l	
77) Bromobenzene	11.25	156	271840	48.816	ug/l	97
78) n-propylbenzene	11.35	91	1212875	51.549	ug/l	100
79) 2-Chlorotoluene	11.42	91	694241	48.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	879068	51.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	115063	47.742	ug/l	100
82) 4-Chlorotoluene	11.51	91	811430	50.065	ug/l	99
83) tert-Butylbenzene	11.76	119	831744	51.450	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	885450	51.312	ug/l	99
85) sec-Butylbenzene	11.94	105	1028353	51.925	ug/l	100
86) p-Isopropyltoluene	12.06	119	941126	51.421	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	482862	48.249	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	482326	48.113	ug/l	100
89) n-Butylbenzene	12.38	91	833281	52.275	ug/l	99
90) Hexachloroethane	12.59	117	167822	49.366	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	483426	48.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70637	44.423	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013020\
Data File : VX014773.D
Acq On : 30 Jan 2020 17:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

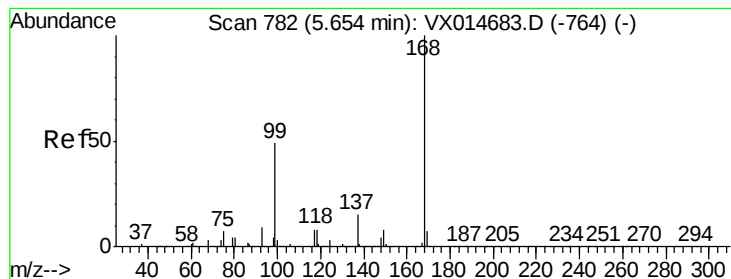
Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM

Quant Time: Jan 31 04:45:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	330382	51.555	ug/l	98
94) Hexachlorobutadiene	13.77	225	169977	51.535	ug/l	97
95) Naphthalene	13.83	128	952130	46.148	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	329163	50.798	ug/l	98

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



#1

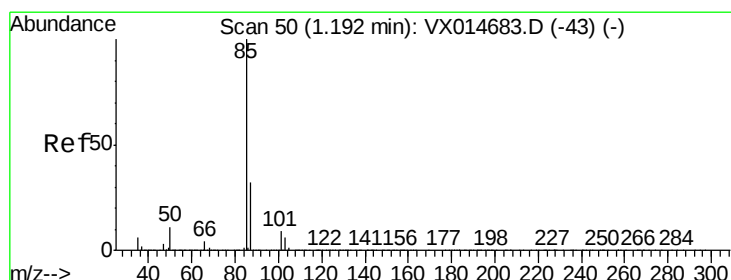
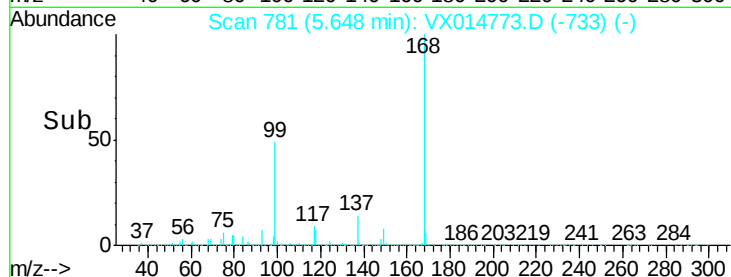
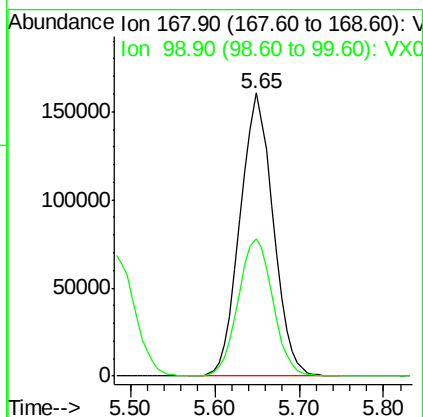
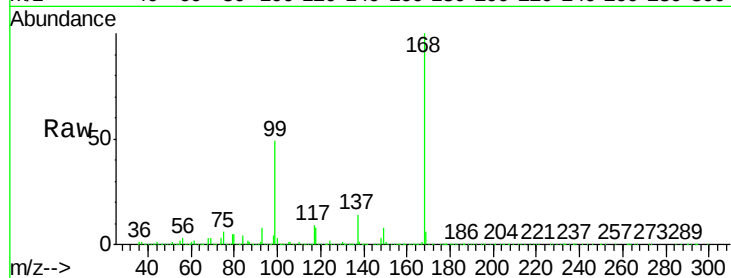
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.8	59.6

Manual Integrations
 APPROVED

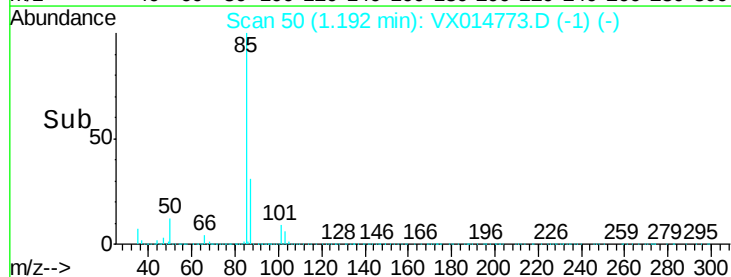
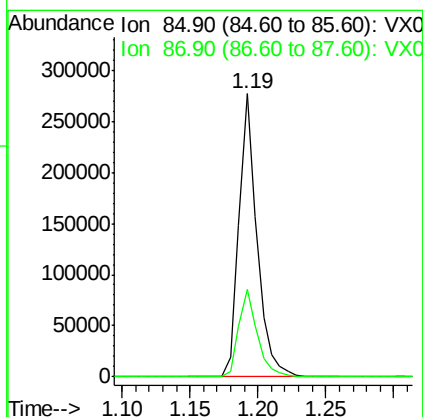
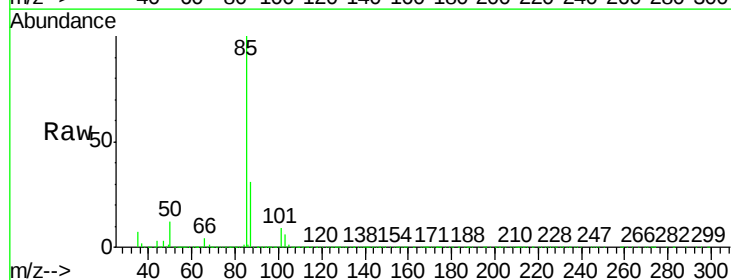
MMDadoda
 1/31/2020 10:52:19 AM

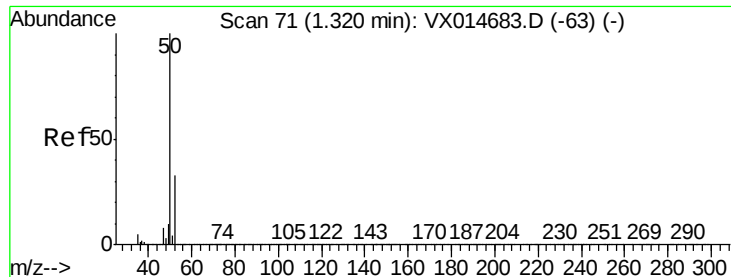


#2

Dichlorodifluoromethane
 Concen: 44.882 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.2	48.5





#3

Chloromethane

Concen: 43.351 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 250254

Ion Ratio Lower Upper

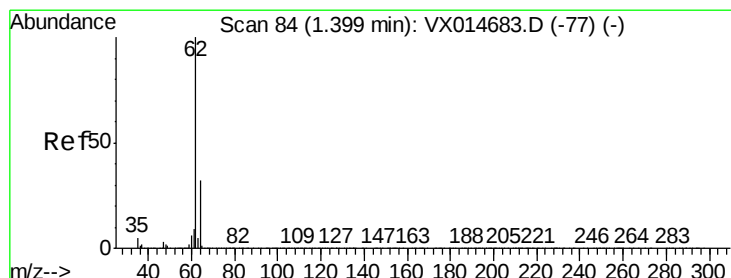
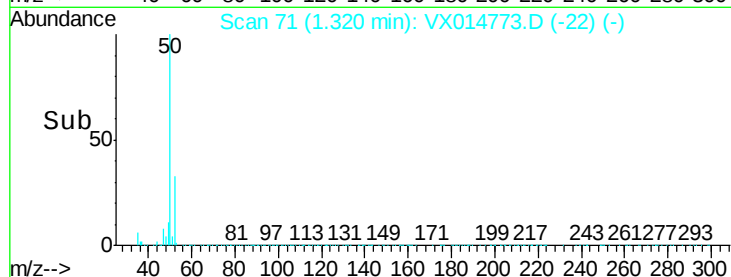
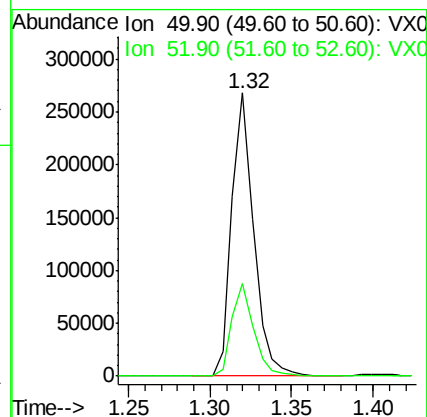
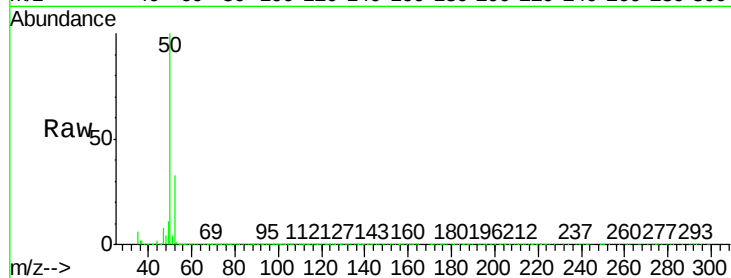
50 100

52 32.8 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

1/31/2020 10:52:19 AM



#4

Vinyl Chloride

Concen: 46.663 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014773.D

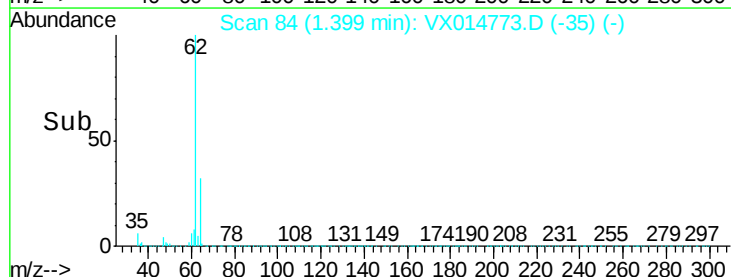
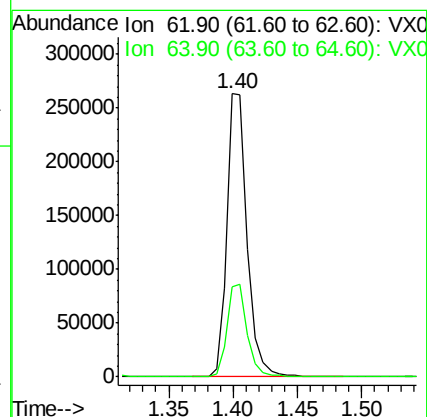
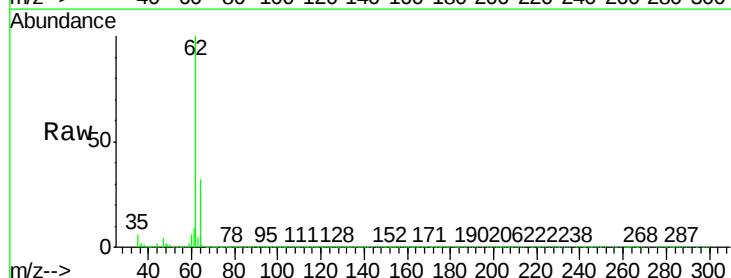
Acq: 30 Jan 2020 17:47

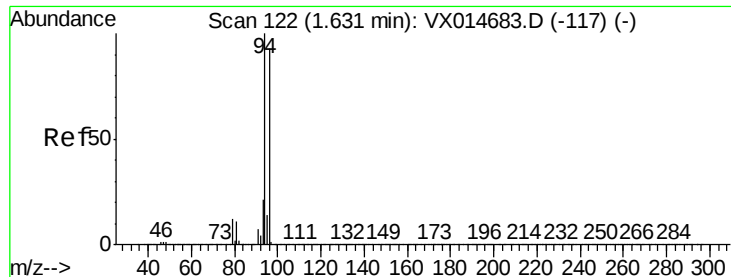
Tgt Ion: 62 Resp: 291254

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 43.102 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 182731

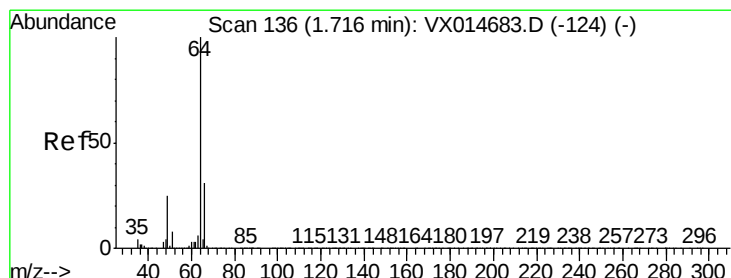
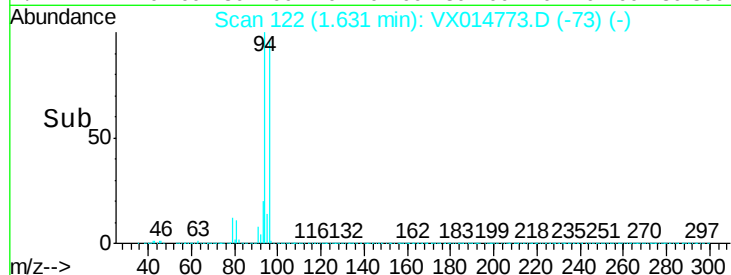
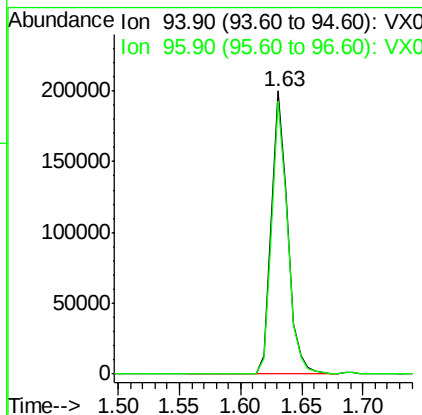
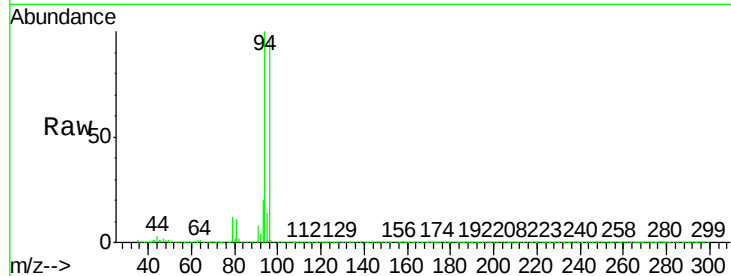
Ion Ratio Lower Upper

94 100

96 96.3 74.7 112.1

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#6

Chloroethane

Concen: 45.928 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014773.D

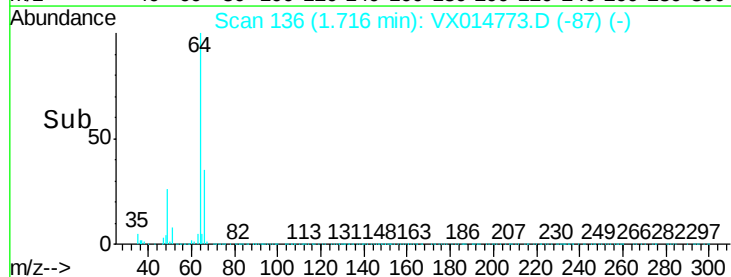
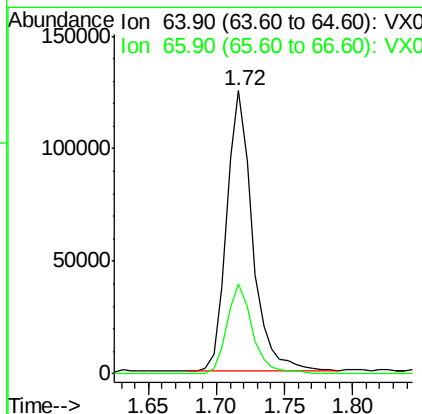
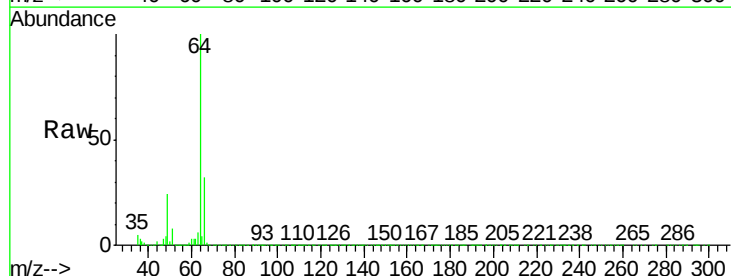
Acq: 30 Jan 2020 17:47

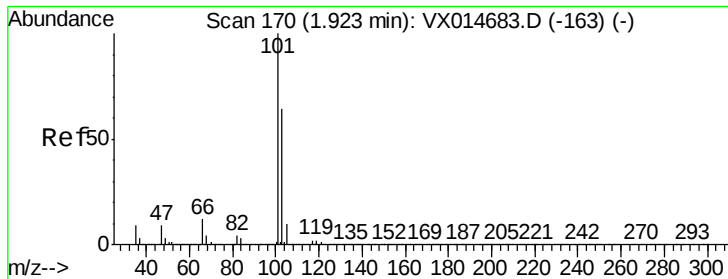
Tgt Ion: 64 Resp: 164413

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

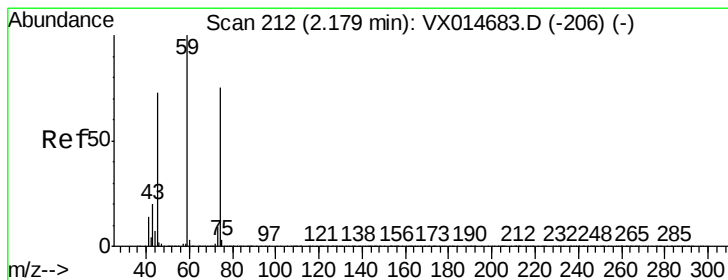
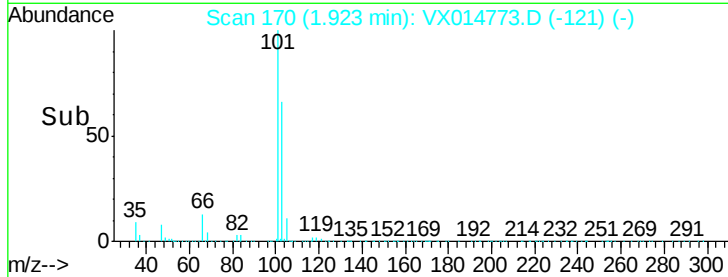
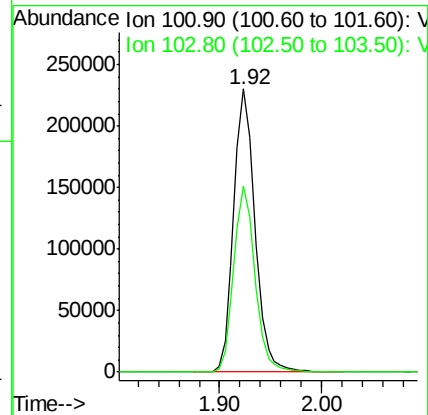
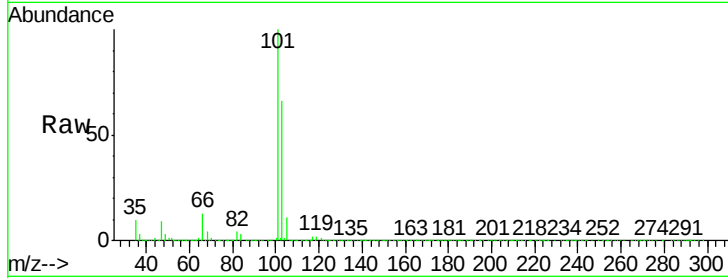
Trichlorofluoromethane
Concen: 45.635 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.0	76.6

Manual Integrations
APPROVED

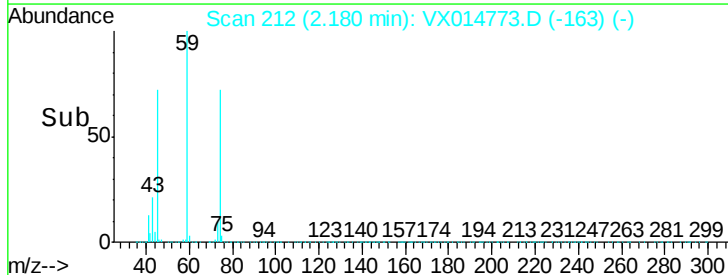
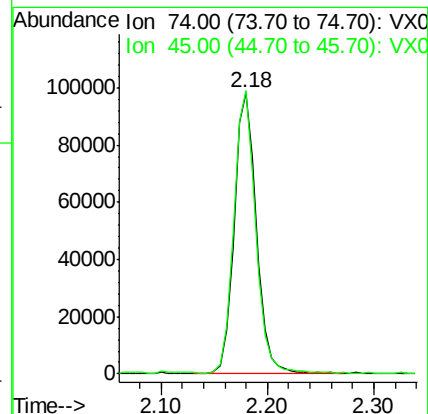
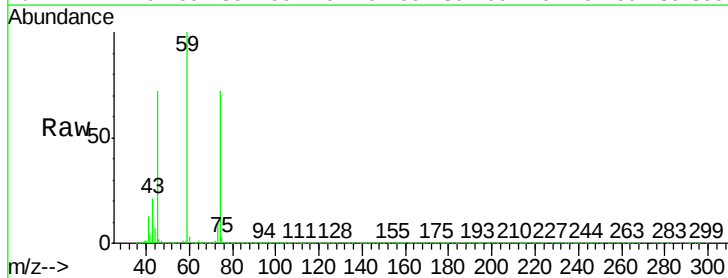
MMDadoda
1/31/2020 10:52:19 AM

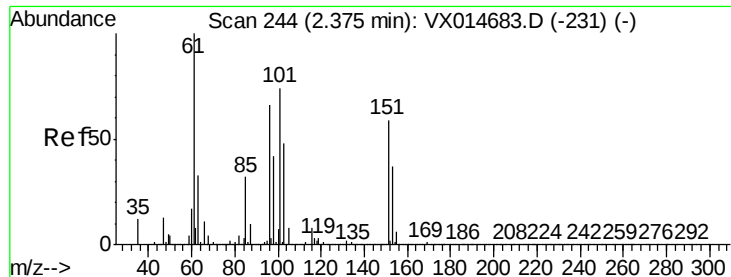


#8

Diethyl Ether
Concen: 44.958 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.816 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

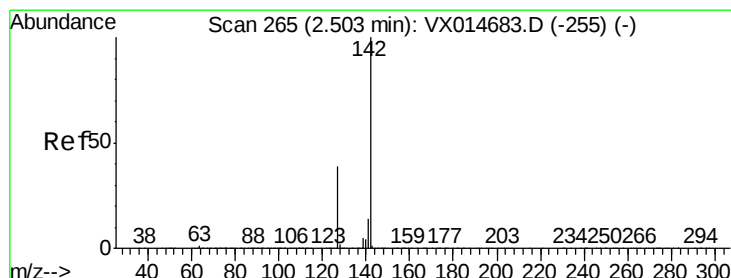
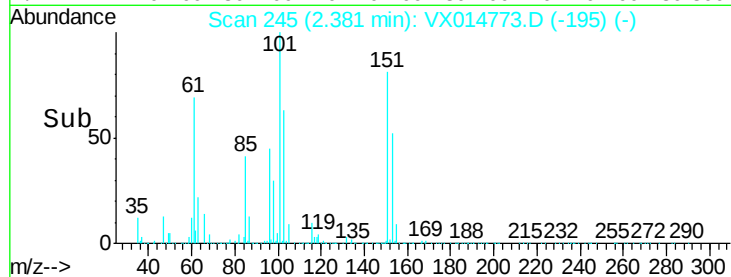
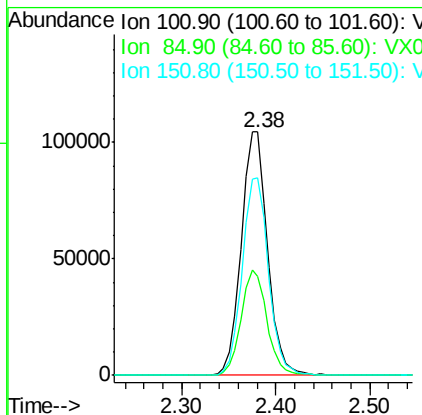
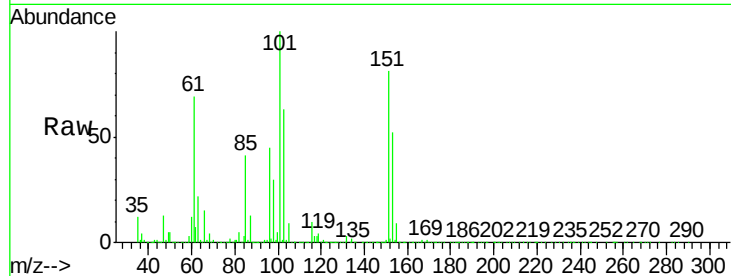
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	204003
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.7	52.1
151	81.5	64.7	97.1

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#10

Methyl Iodide

Concen: 47.853 ug/l

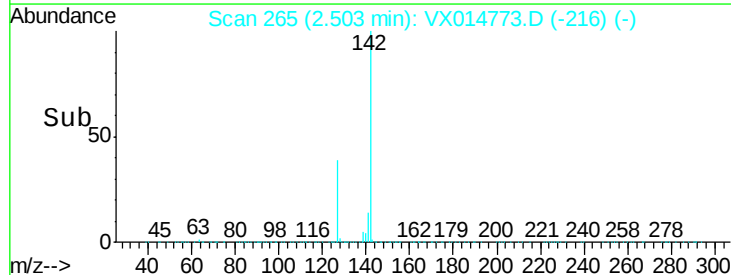
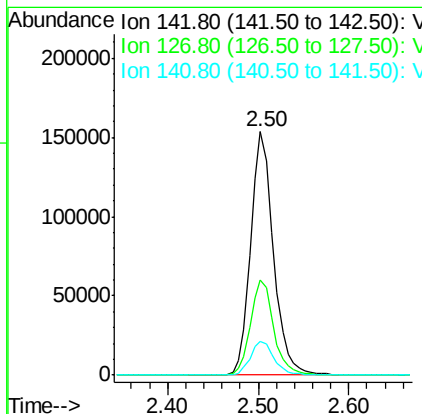
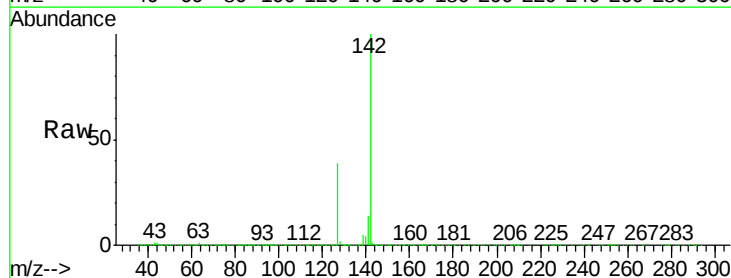
RT: 2.50 min Scan# 265

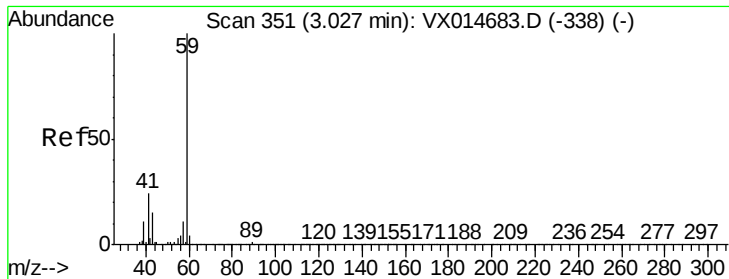
Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion:	142	Resp:	267892
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.1	46.7
141	14.5	11.3	16.9





#11

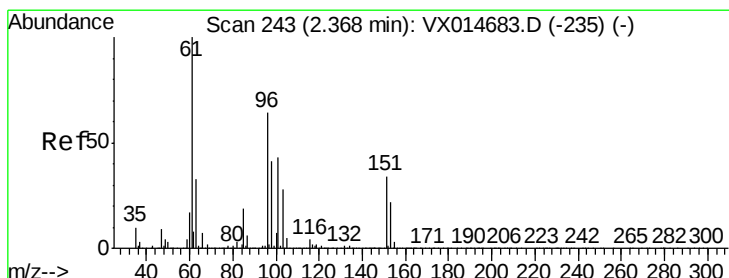
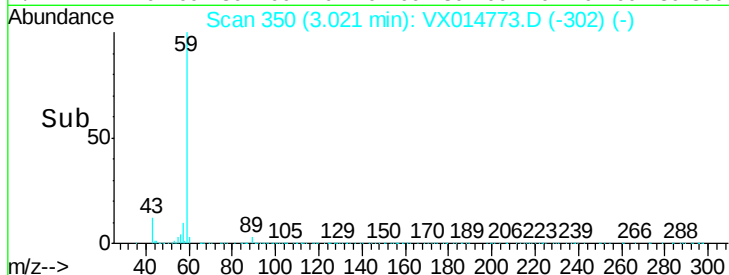
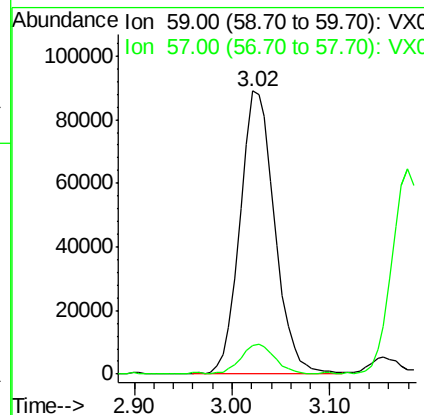
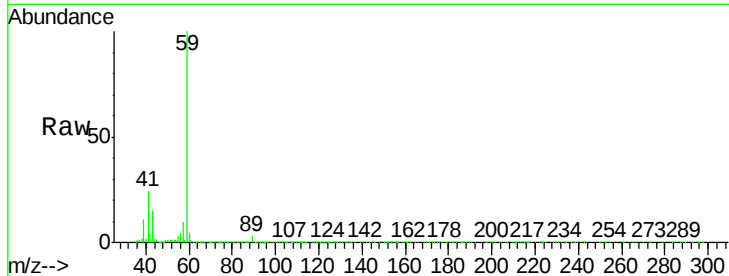
Tert butyl alcohol
Concen: 194.515 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Manual Integrations
APPROVED

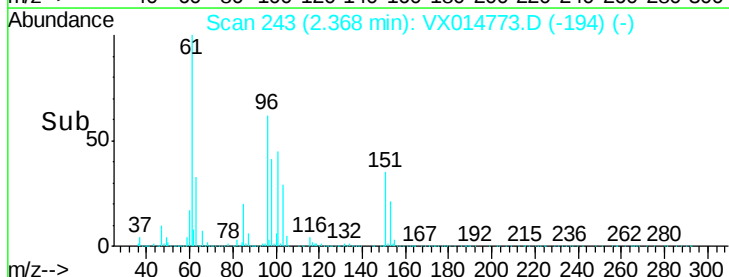
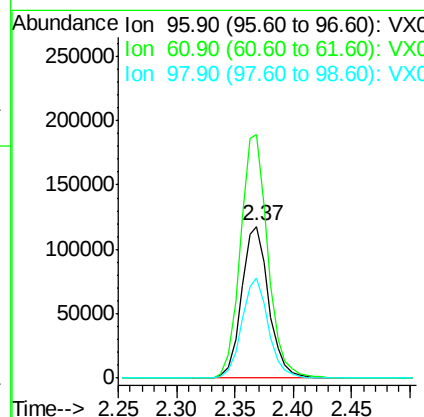
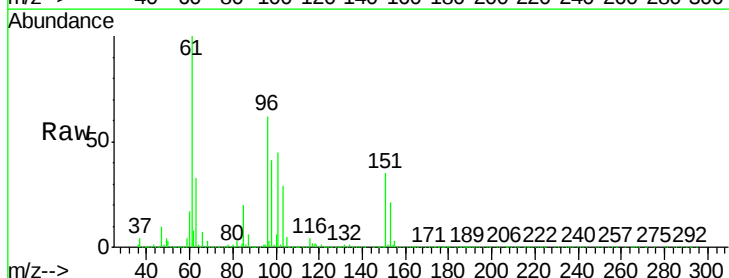
MMDadoda
1/31/2020 10:52:19 AM

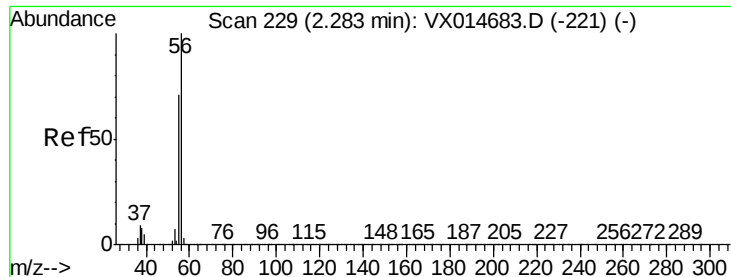


#12

1,1-Dichloroethene
Concen: 44.943 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	125.8	188.8
98	65.9	51.5	77.3





#13

Acrolein

Concen: 235.080 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 207364

Ion Ratio Lower Upper

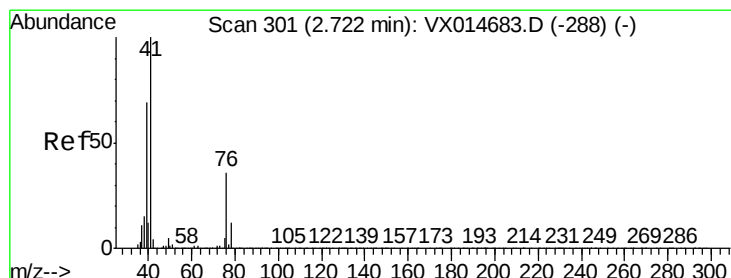
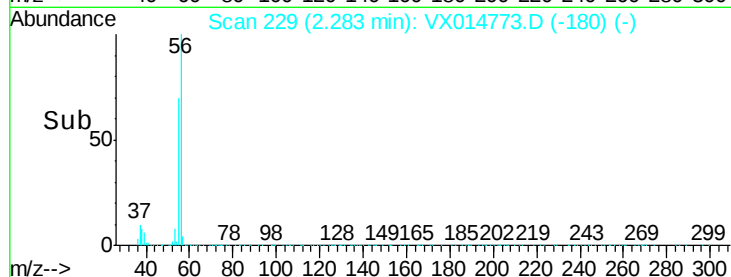
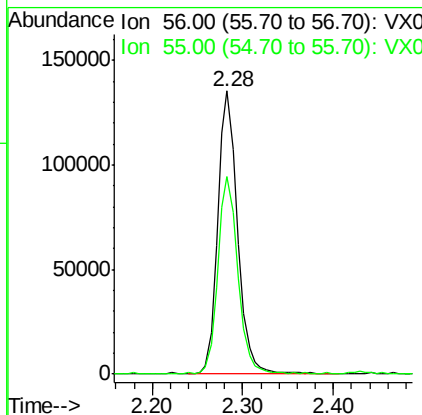
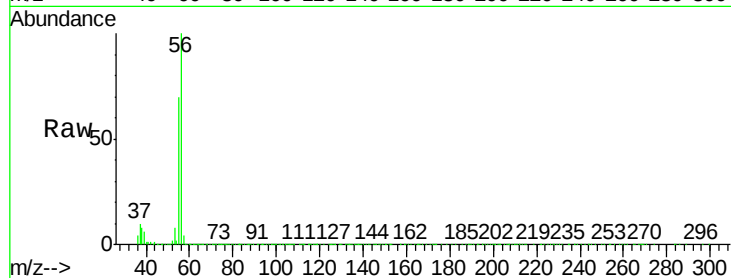
56 100

55 70.4 56.6 84.8

Manual Integrations
APPROVED

MMDadoda

1/31/2020 10:52:19 AM



#14

Allyl chloride

Concen: 46.053 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

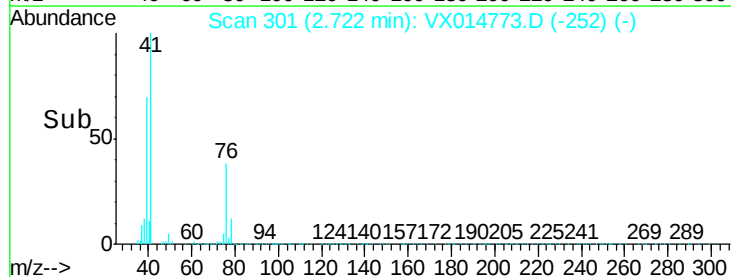
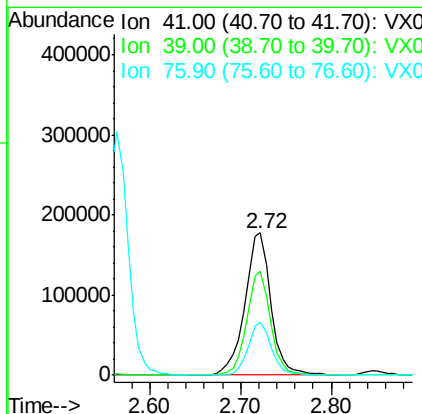
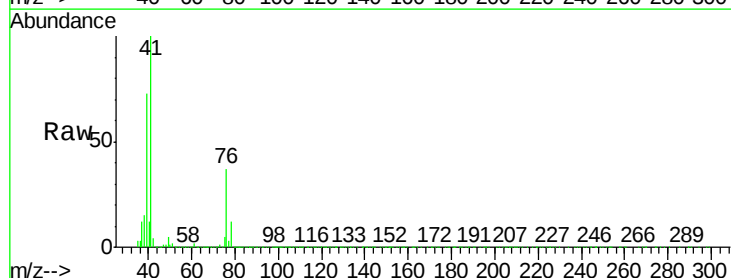
Tgt Ion: 41 Resp: 351132

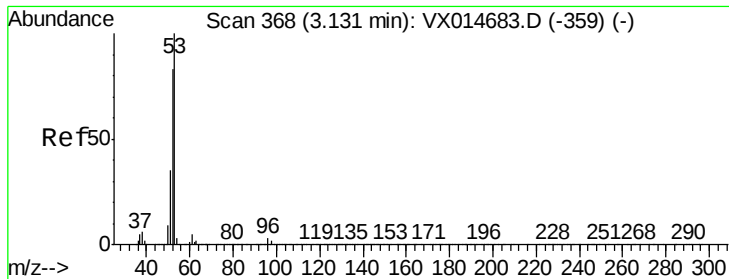
Ion Ratio Lower Upper

41 100

39 66.6 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 221.629 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

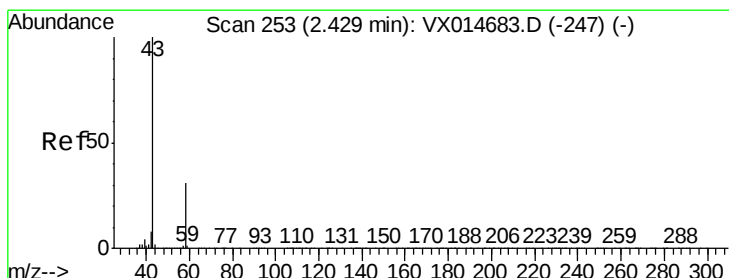
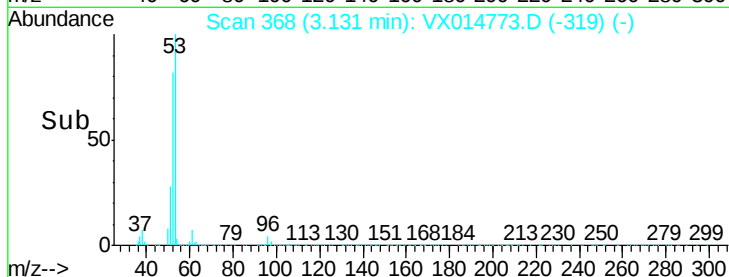
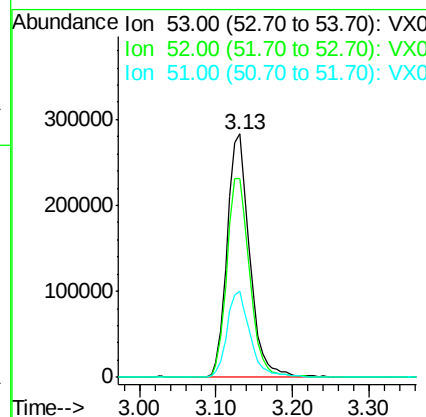
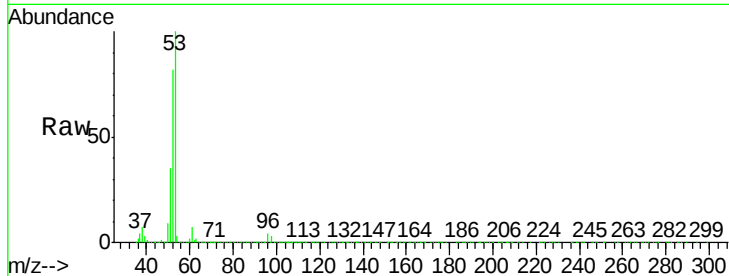
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	573689
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.4	99.6
51	36.3	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#16

Acetone

Concen: 178.570 ug/l

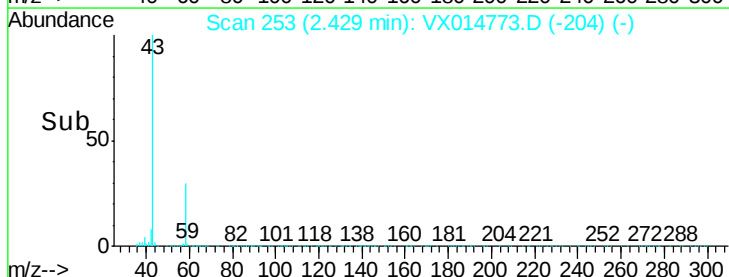
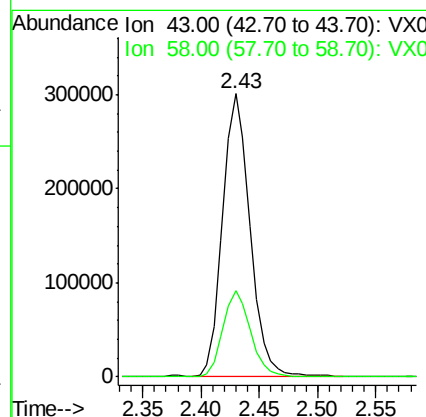
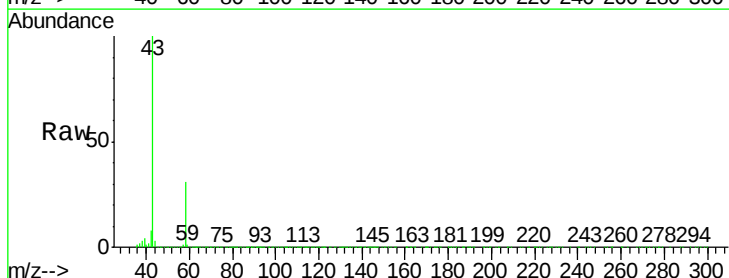
RT: 2.43 min Scan# 253

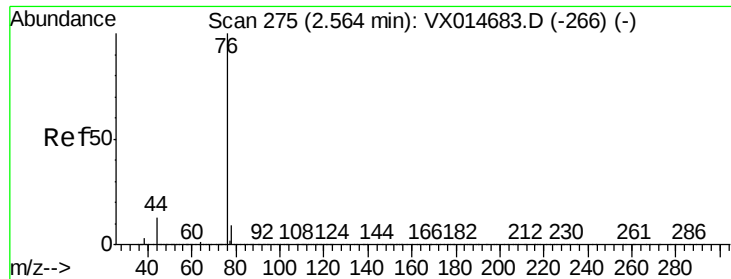
Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion:	43	Resp:	487562
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.5	36.7





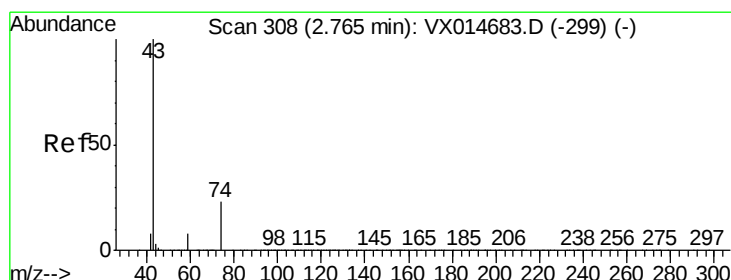
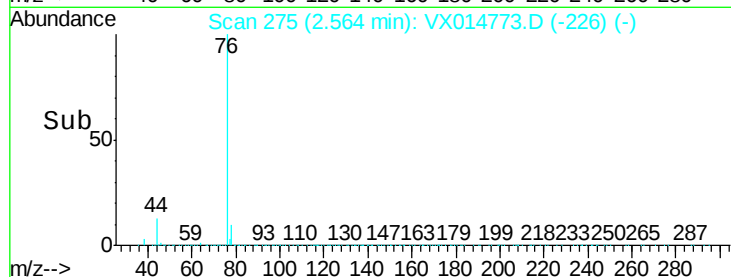
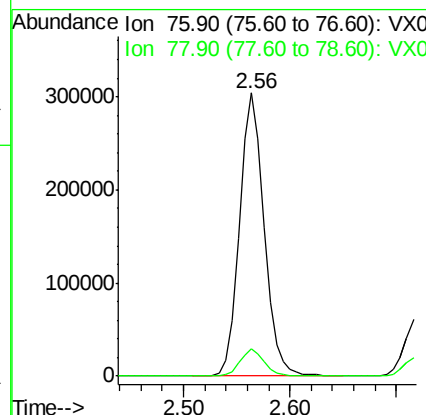
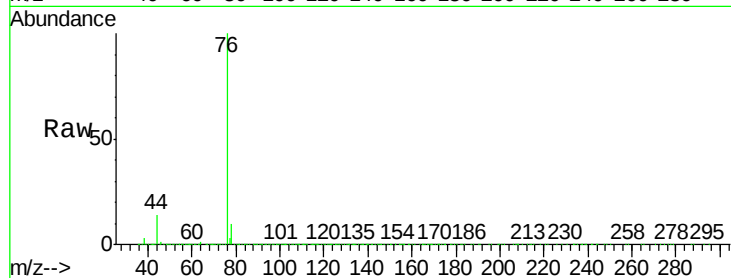
#17
Carbon Disulfide
Concen: 42.484 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

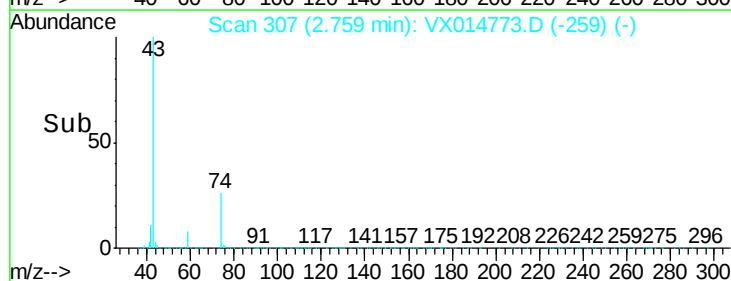
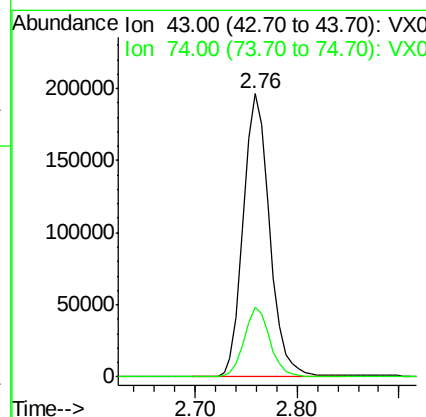
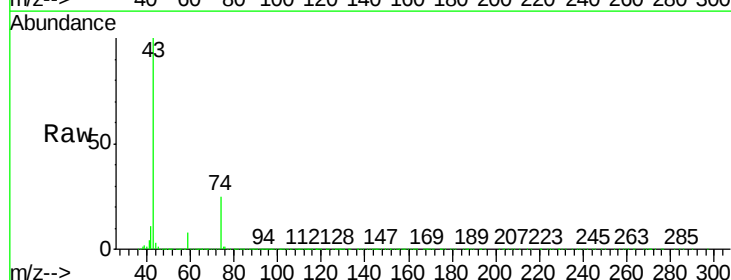
Manual Integrations
APPROVED

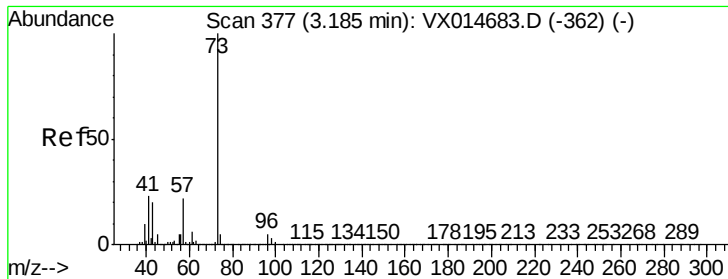
MMDadoda
1/31/2020 10:52:19 AM



#18
Methyl Acetate
Concen: 44.938 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.5	27.7





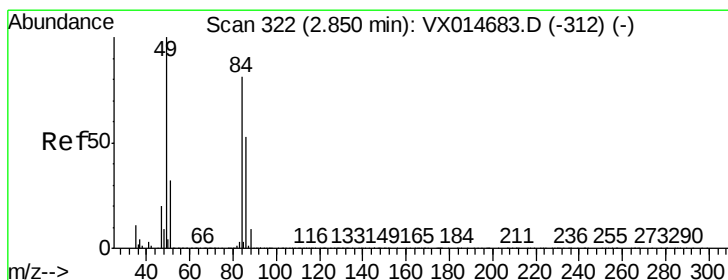
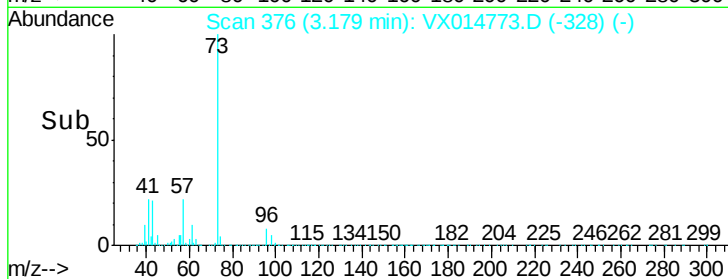
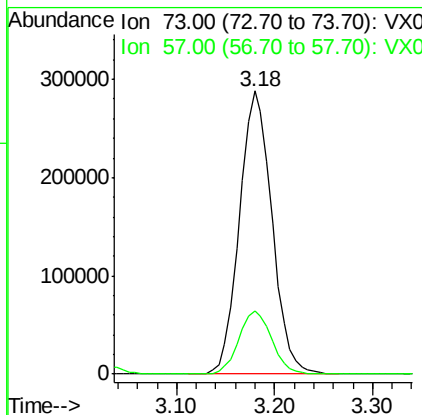
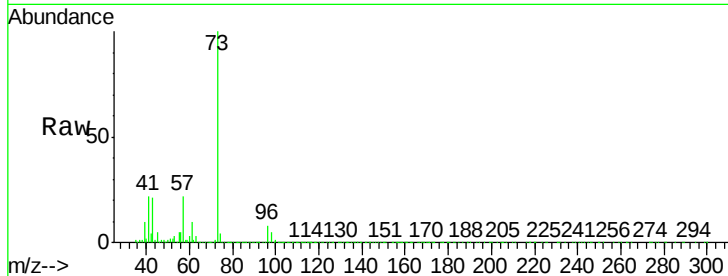
#19
Methyl tert-butyl Ether
Concen: 47.742 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.0	27.0

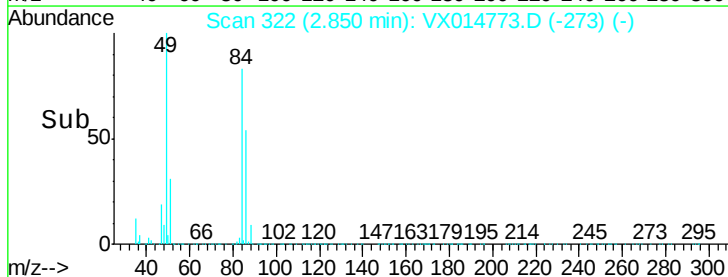
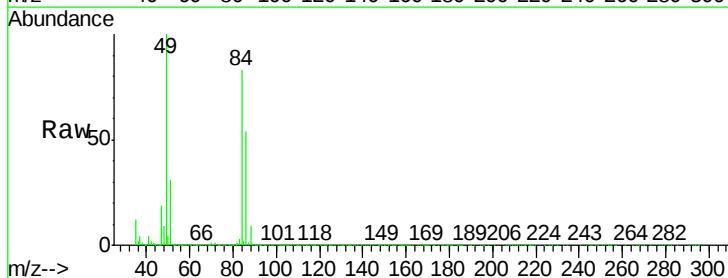
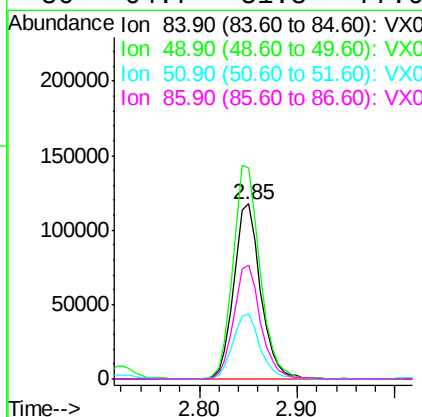
Manual Integrations
APPROVED

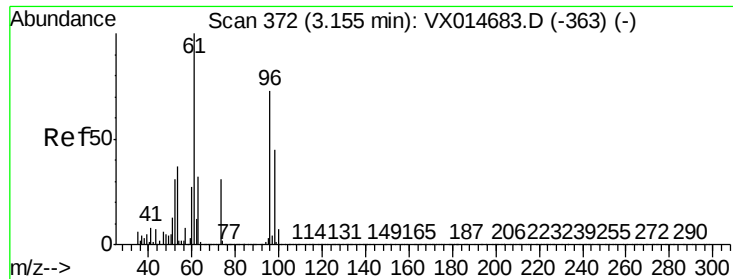
MMDadoda
1/31/2020 10:52:19 AM



#20
Methylene Chloride
Concen: 44.413 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	98.2	147.4
51	37.1	31.3	46.9
86	64.7	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 44.734 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

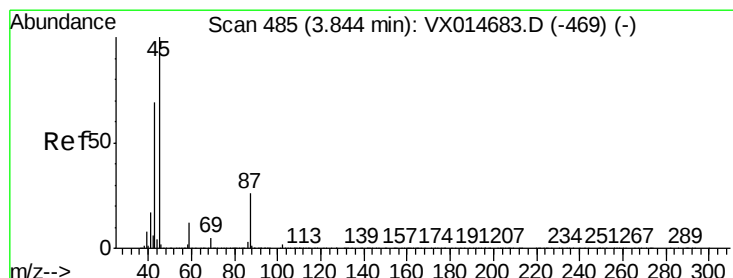
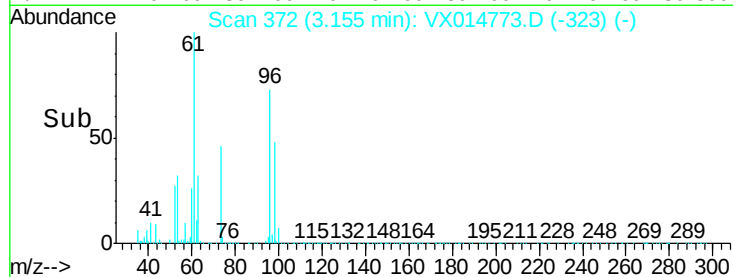
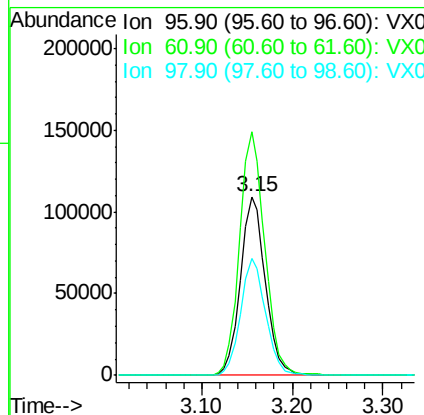
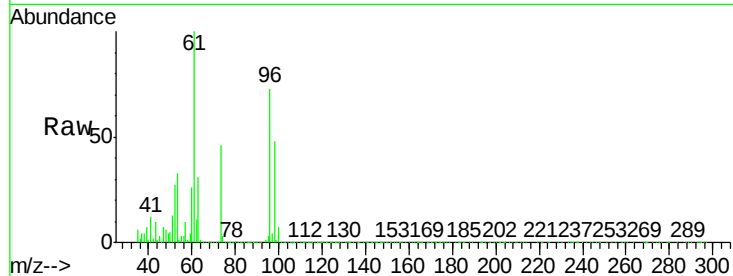
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	208935
Ion Ratio	Lower	Upper	
96	100		
61	136.3	109.8	164.6
98	65.2	49.6	74.4

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#22

Diisopropyl ether

Concen: 47.884 ug/l

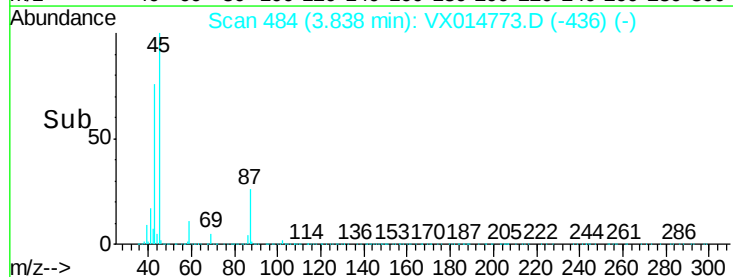
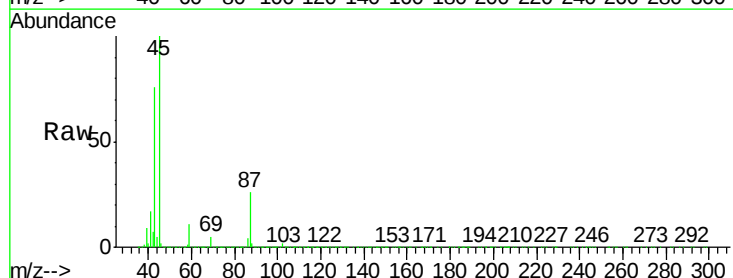
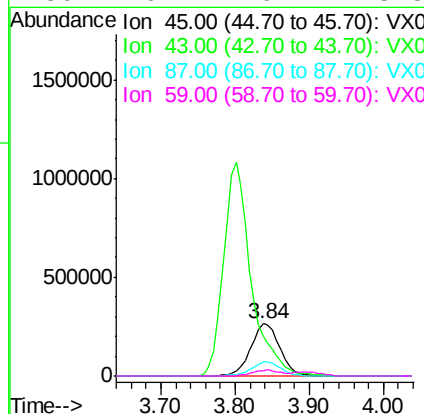
RT: 3.84 min Scan# 484

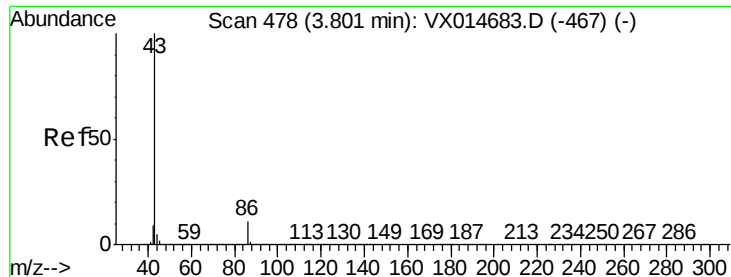
Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion:	45	Resp:	726371
Ion Ratio	Lower	Upper	
45	100		
43	76.3	55.1	82.7
87	26.2	20.7	31.1
59	10.7	9.2	13.8





#23

Vinyl Acetate

Concen: 241.462 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tot Ion: 43 Resp: 2792163

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6

Instrument :

MSVOA_X

ClientSampleId :

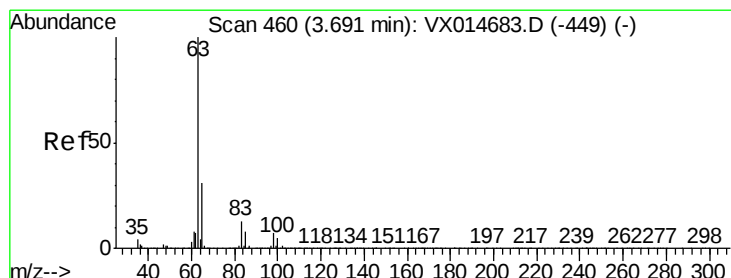
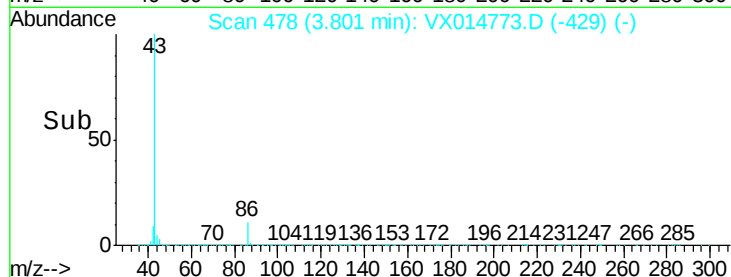
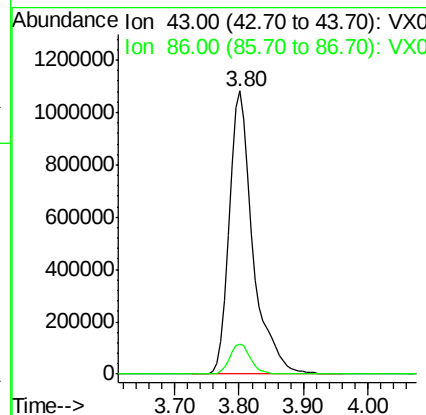
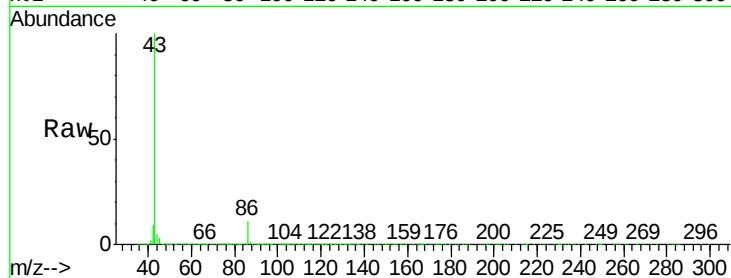
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

1/31/2020 10:52:19 AM



#24

1,1-Dichloroethane

Concen: 47.331 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

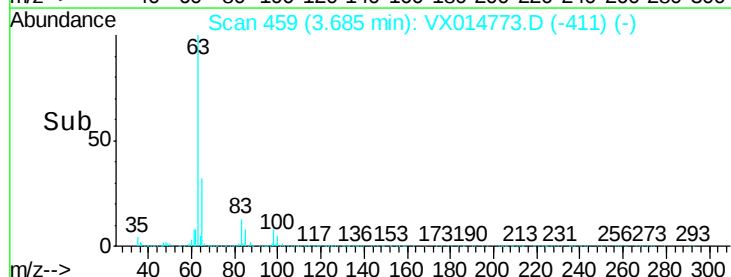
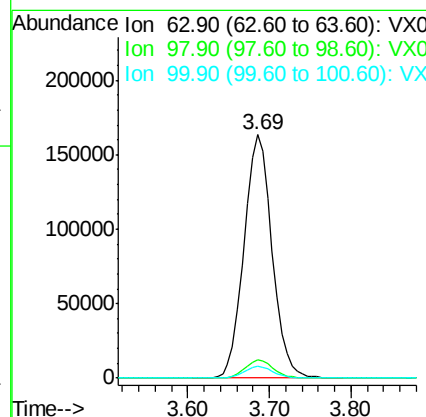
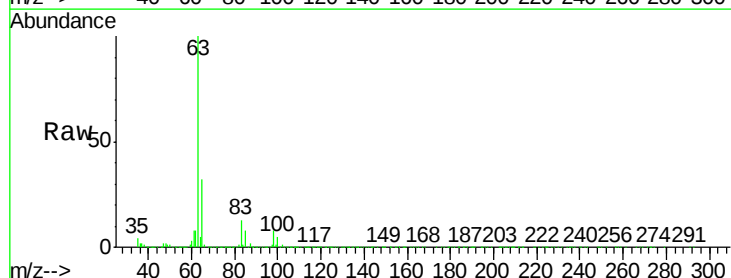
Tgt Ion: 63 Resp: 389923

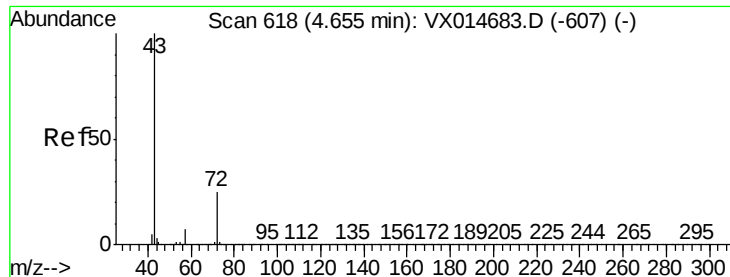
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 201.298 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tot Ion: 43 Resp: 787654

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9

Instrument :

MSVOA_X

ClientSampleId :

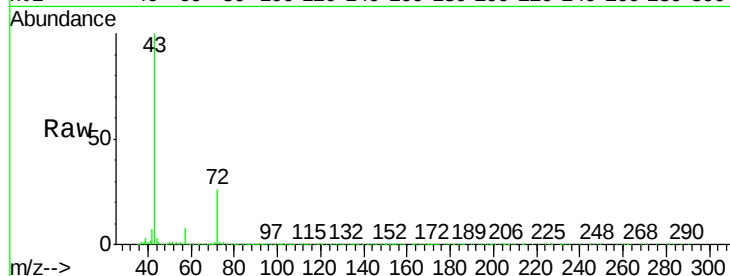
VSTDCCC050EC

Manual Integrations

APPROVED

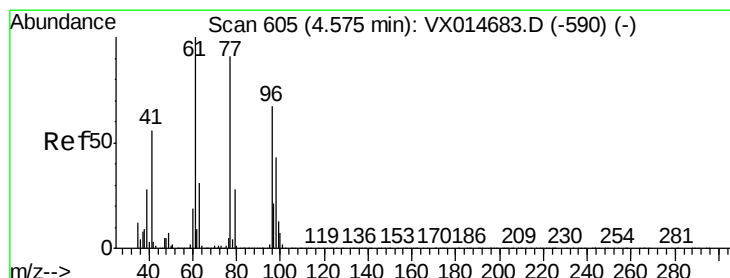
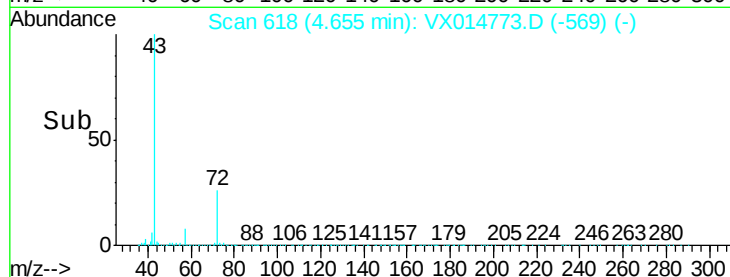
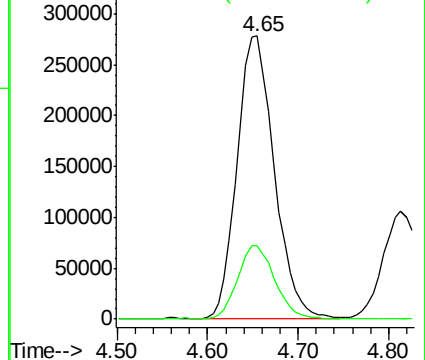
MMDadoda

1/31/2020 10:52:19 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.109 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014773.D

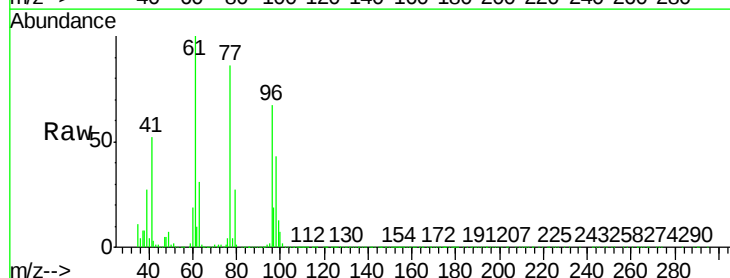
Acq: 30 Jan 2020 17:47

Tgt Ion: 77 Resp: 317232

Ion Ratio Lower Upper

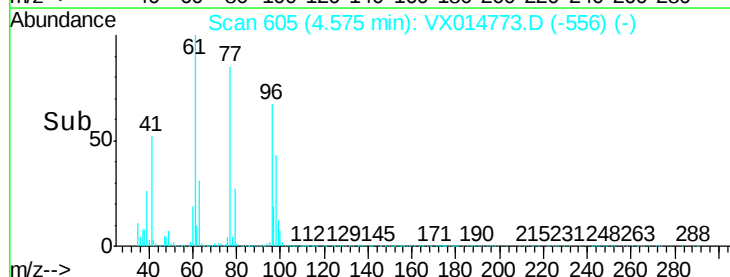
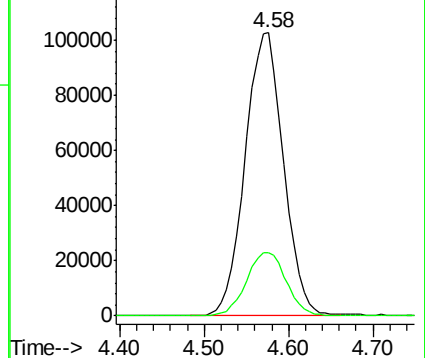
77 100

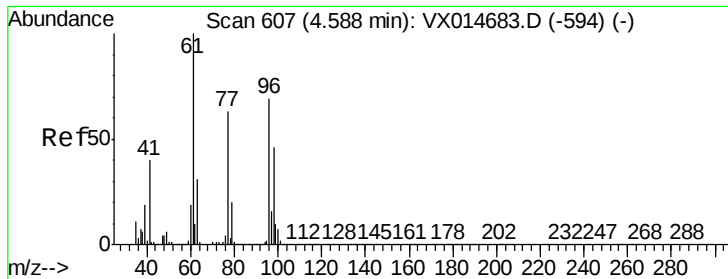
97 23.3 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

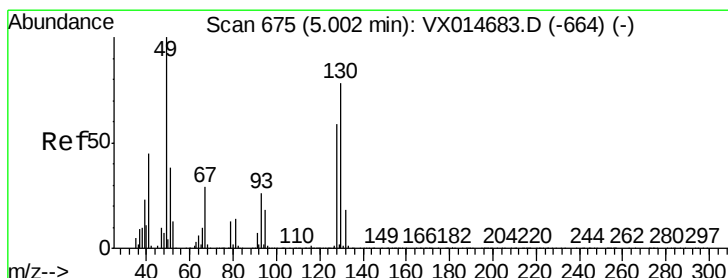
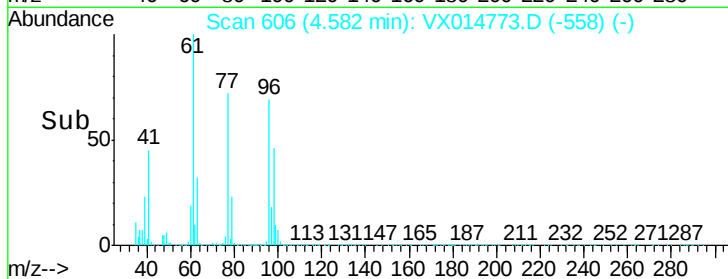
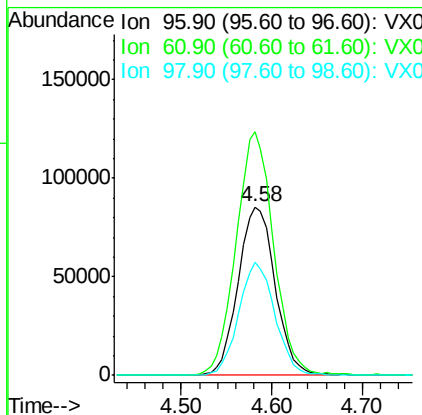
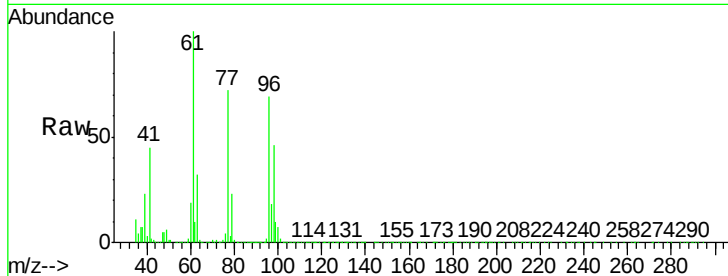
cis-1,2-Dichloroethene
Concen: 46.274 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	291.0
98	65.0	0.0	129.8

Manual Integrations
APPROVED

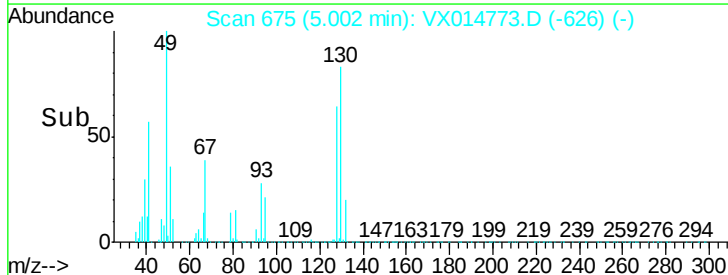
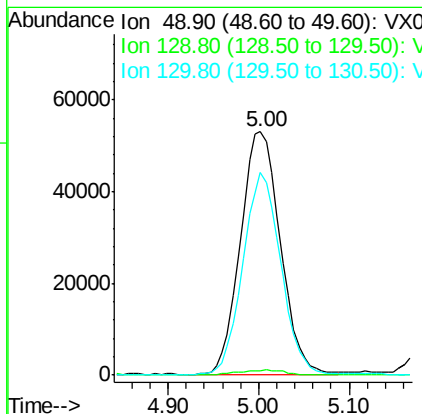
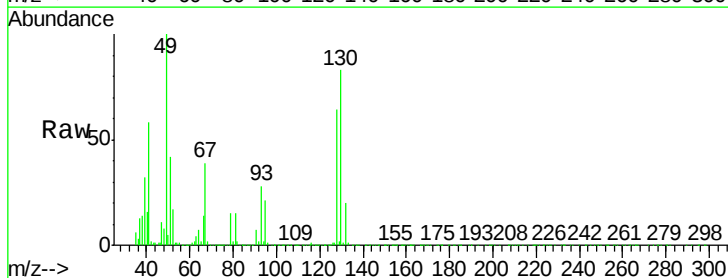
MMDadoda
1/31/2020 10:52:19 AM

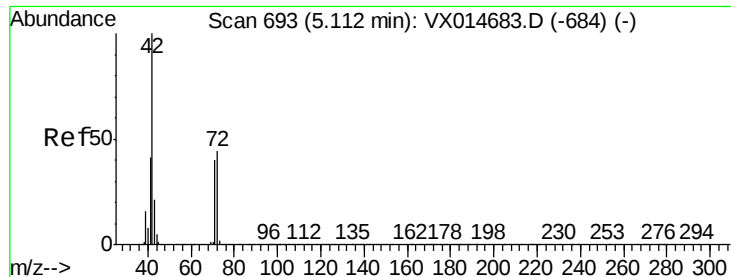


#28

Bromochloromethane
Concen: 45.029 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	78.7	62.4	93.6





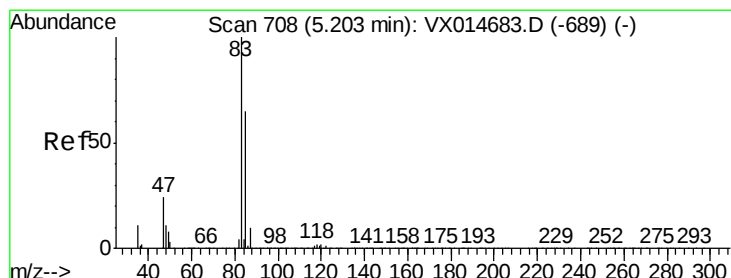
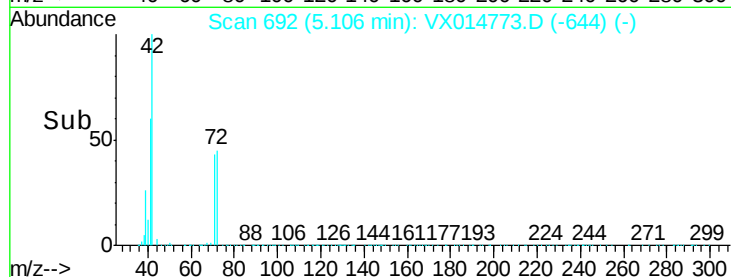
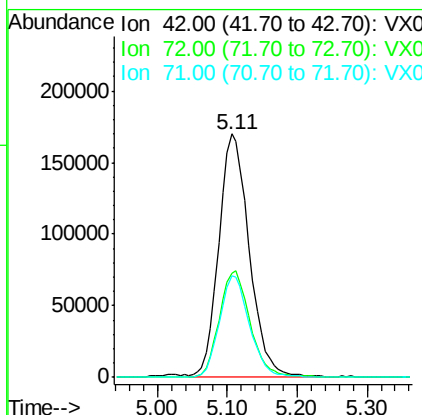
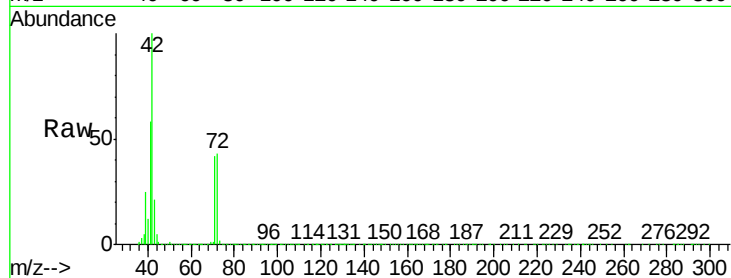
#29
Tetrahydrofuran
Concen: 220.068 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.3	52.9
71	41.4	33.1	49.7

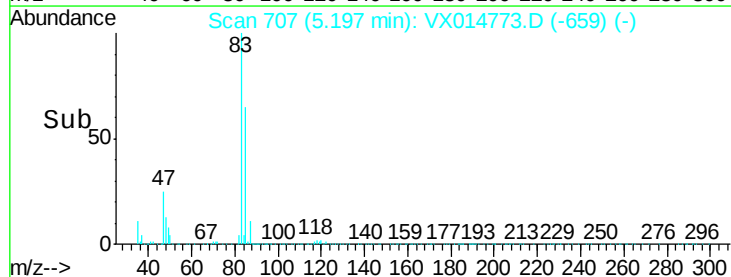
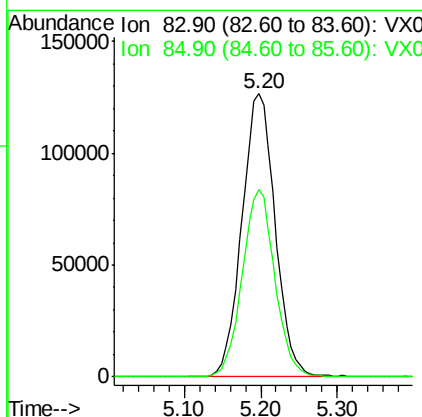
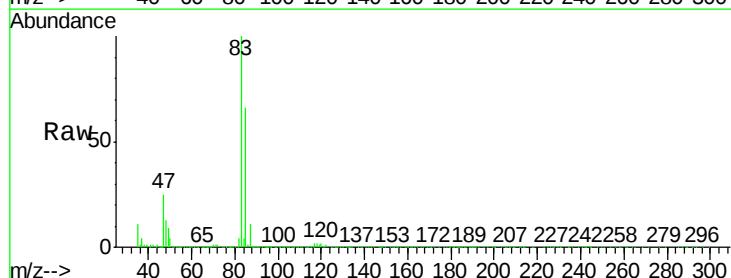
Manual Integrations
APPROVED

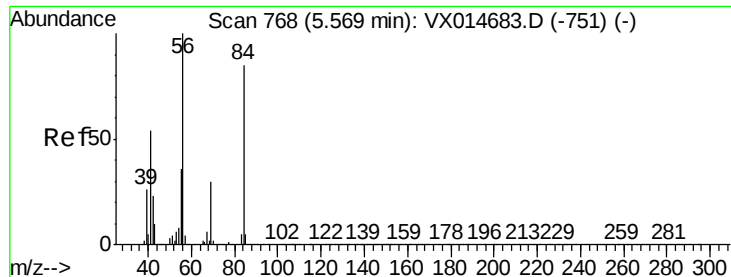
MMDadoda
1/31/2020 10:52:19 AM



#30
Chloroform
Concen: 46.851 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.7	77.5





#31

Cyclohexane

Concen: 45.486 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

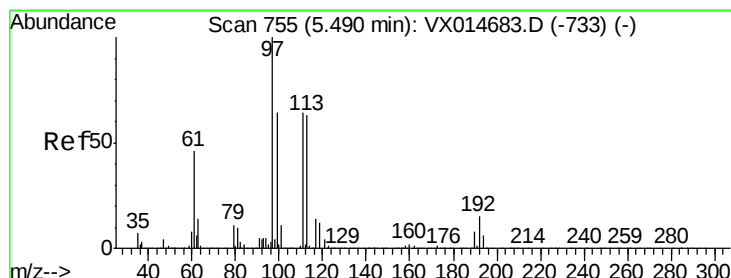
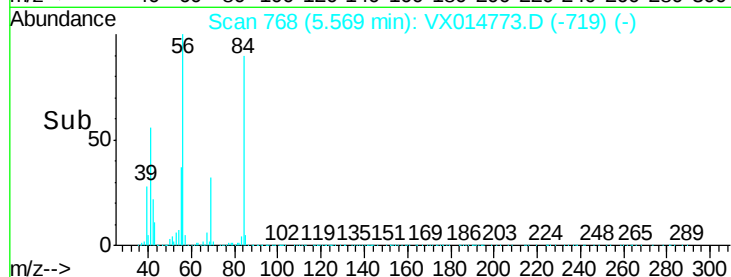
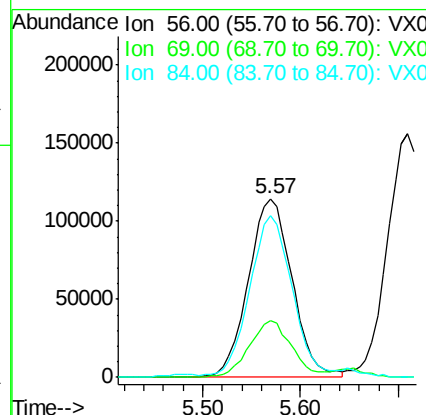
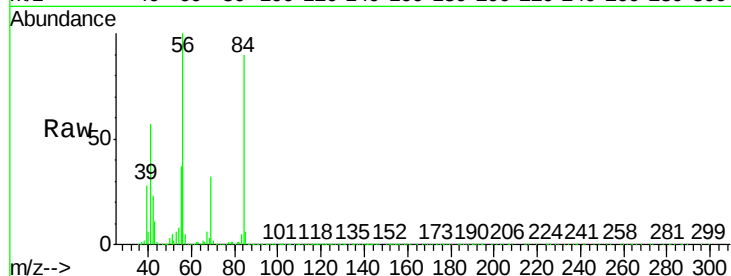
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	352441
Ion Ratio	Lower	Upper	
56	100		
69	31.6	23.4	35.2
84	89.0	68.4	102.6

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#32

1,1,1-Trichloroethane

Concen: 47.121 ug/l

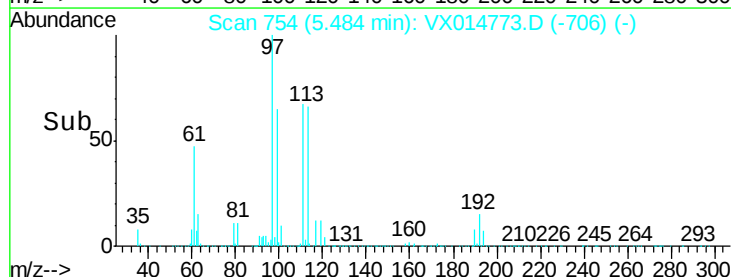
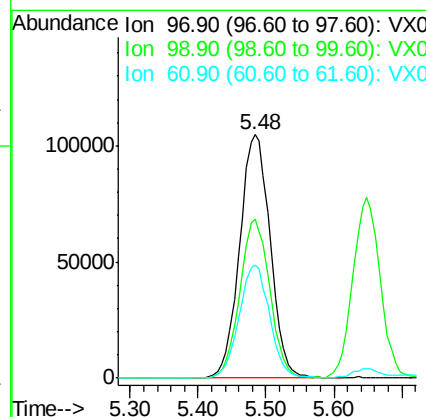
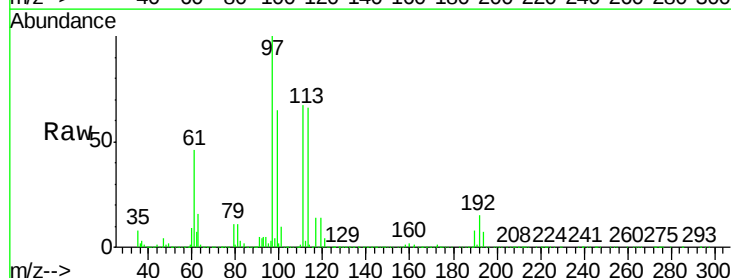
RT: 5.48 min Scan# 754

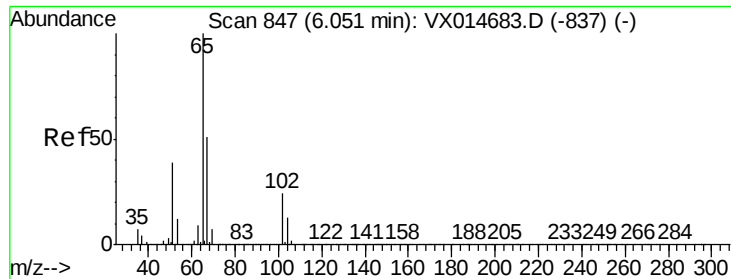
Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion:	97	Resp:	325046
Ion Ratio	Lower	Upper	
97	100		
99	64.0	52.3	78.5
61	45.9	37.2	55.8





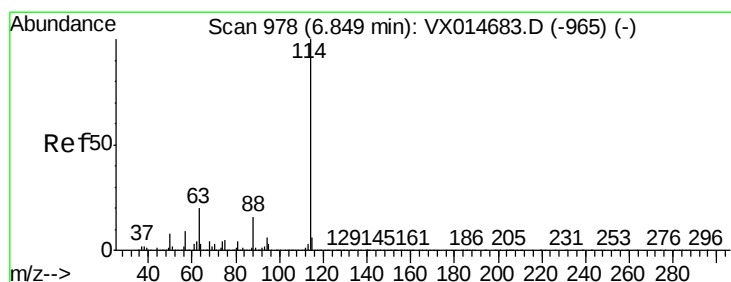
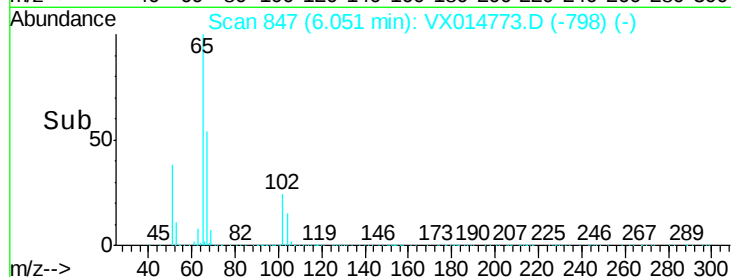
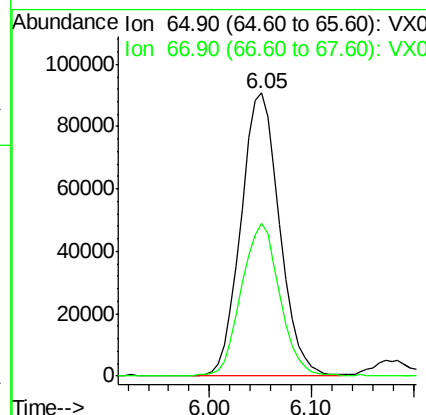
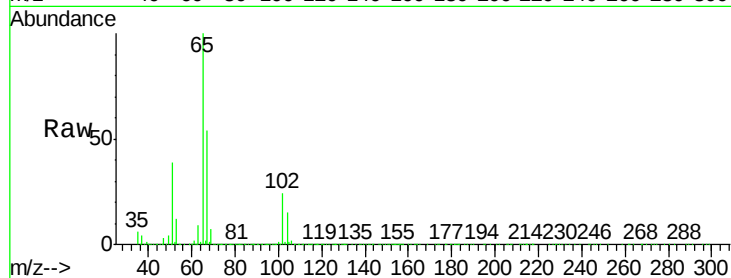
#33
 1,2-Dichloroethane-d4
 Concen: 47.675 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	237565		
67	53.3	0.0	107.4	

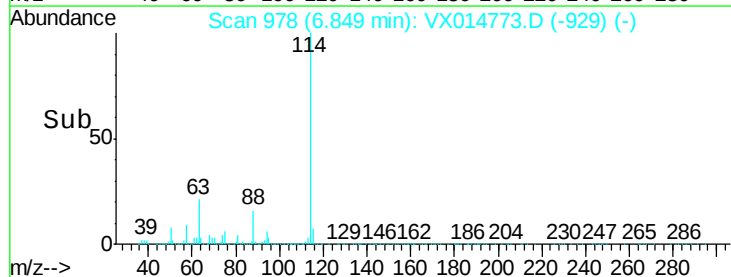
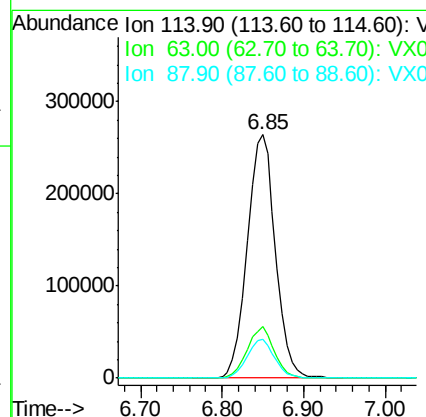
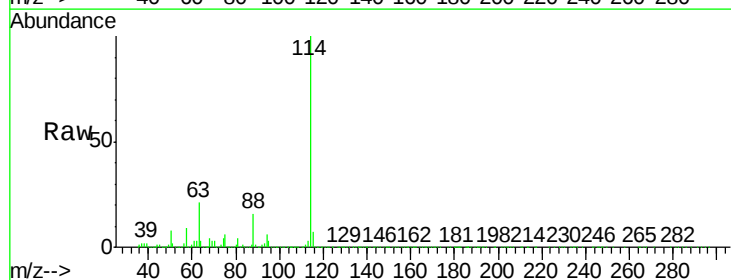
Manual Integrations
 APPROVED

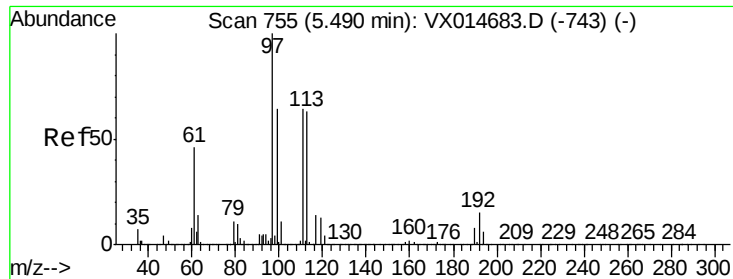
MMDadoda
 1/31/2020 10:52:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	629784		
63	21.0	0.0	40.6	
88	15.7	0.0	31.2	





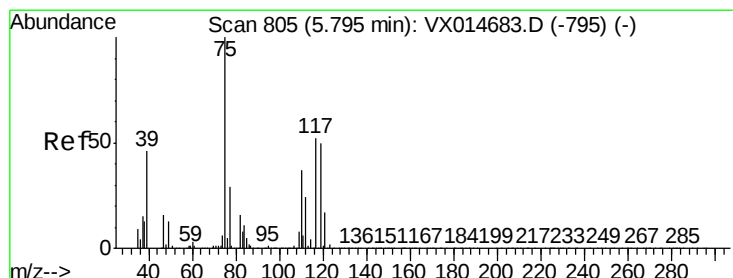
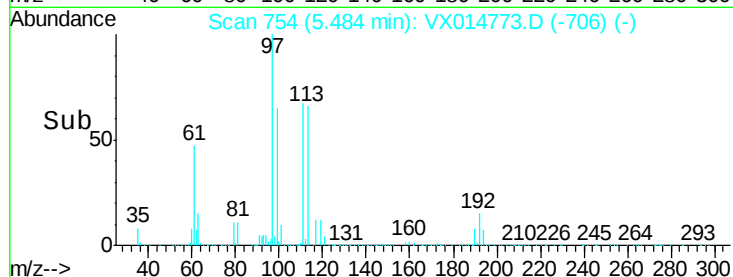
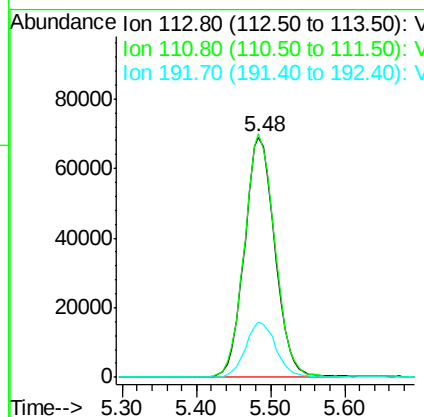
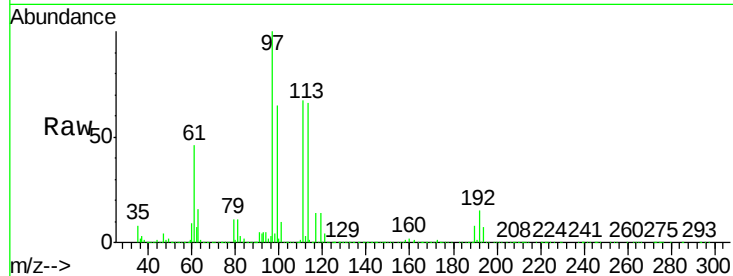
#35
 Dibromofluoromethane
 Concen: 49.963 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.7	121.1
192	23.1	18.5	27.7

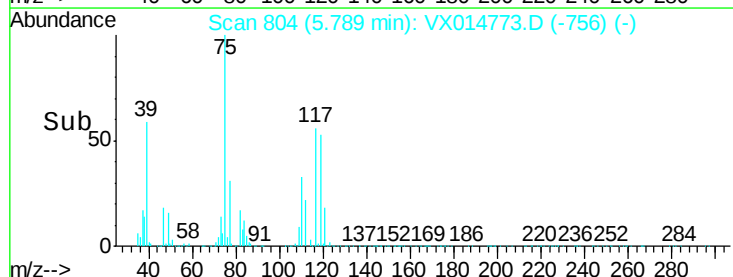
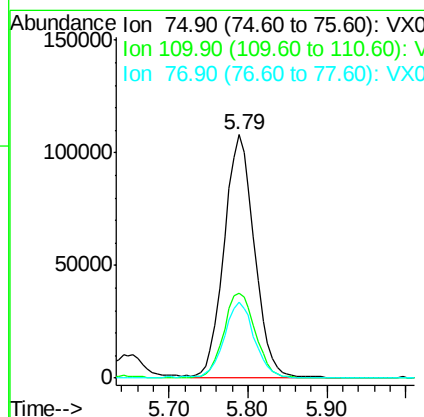
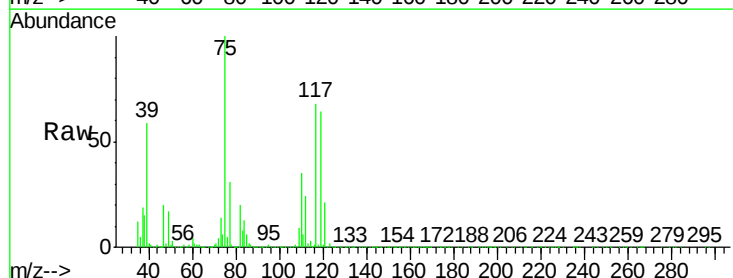
Manual Integrations
 APPROVED

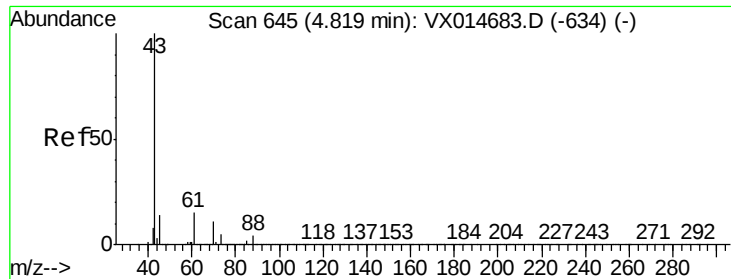
MMDadoda
 1/31/2020 10:52:19 AM



#36
 1,1-Dichloropropene
 Concen: 49.219 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.9	53.7
77	31.0	24.1	36.1





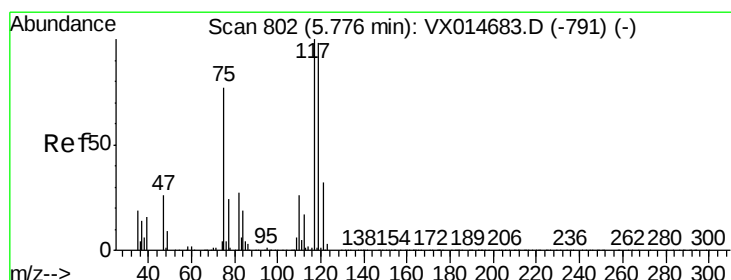
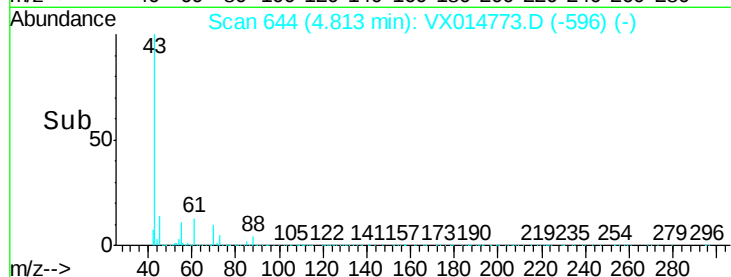
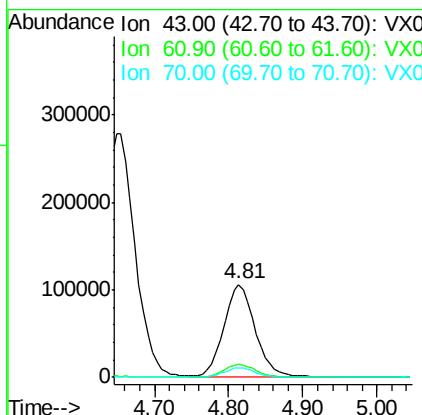
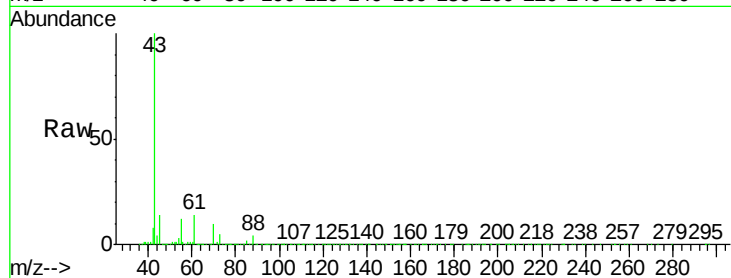
#37
Ethyl Acetate
Concen: 46.031 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.5	8.5	12.7

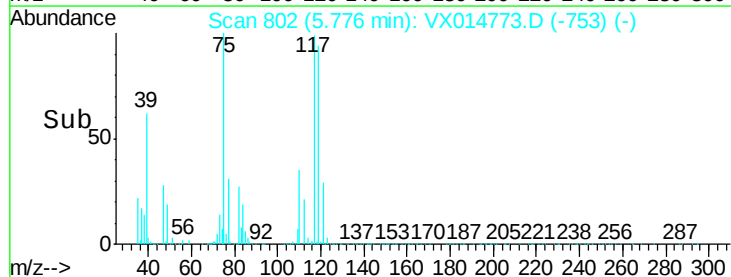
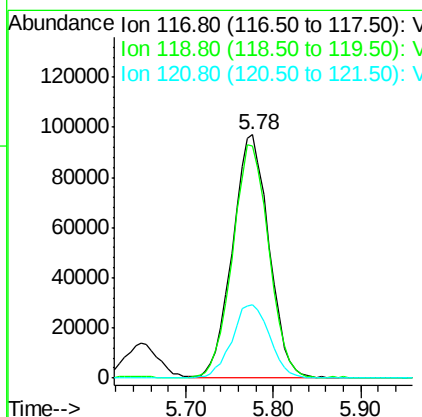
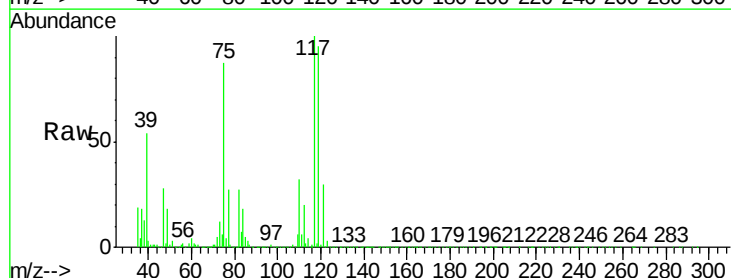
Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#38
Carbon Tetrachloride
Concen: 50.044 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.9	116.9
121	29.9	25.4	38.2





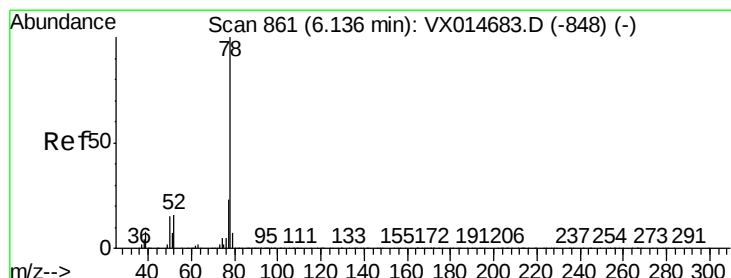
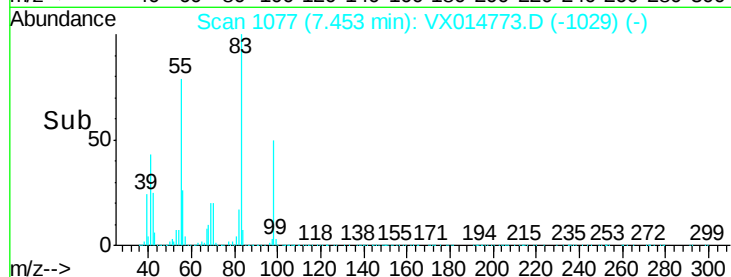
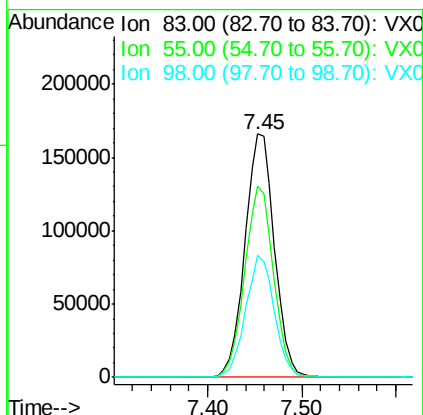
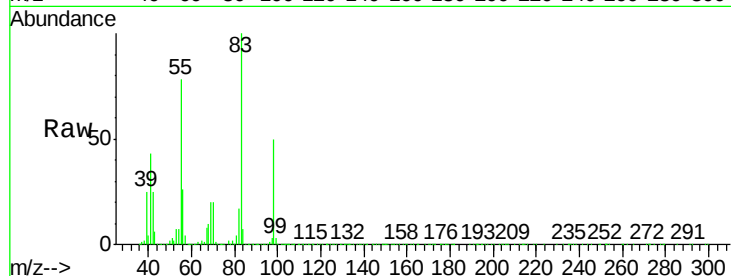
#39
Methylvlcvclohexane
Concen: 49.603 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.6	98.4
98	50.3	40.2	60.4

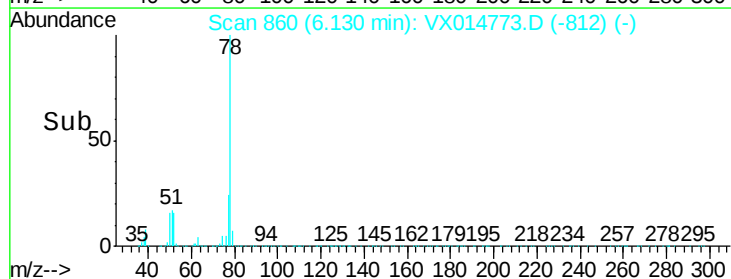
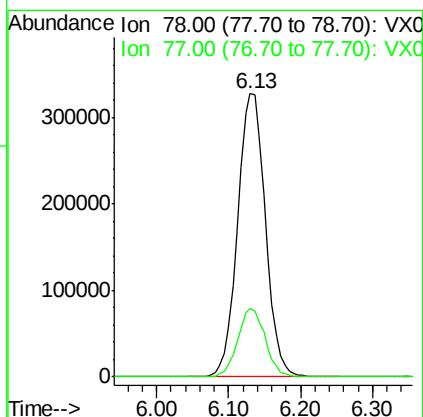
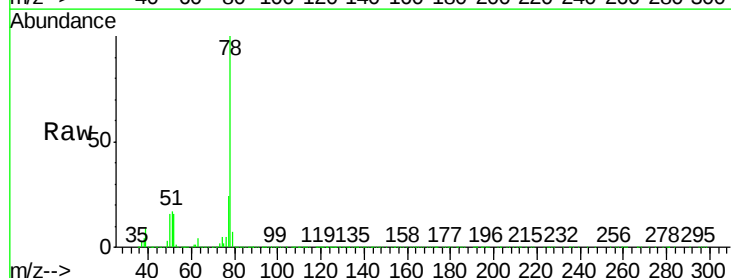
Manual Integrations
APPROVED

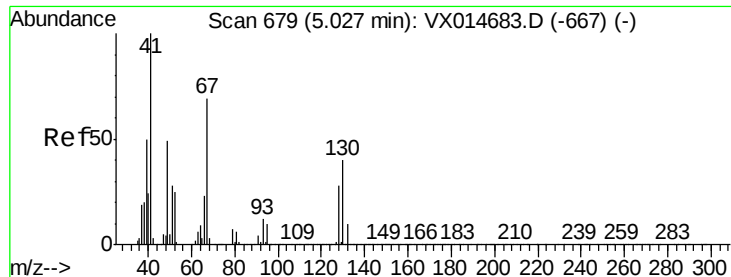
MMDadoda
1/31/2020 10:52:19 AM



#40
Benzene
Concen: 48.465 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





#41

Methacrylonitrile

Concen: 45.069 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014773.D

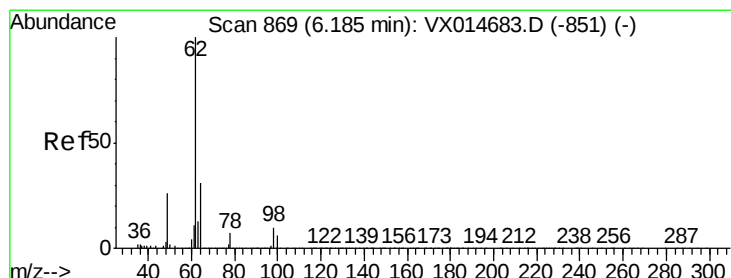
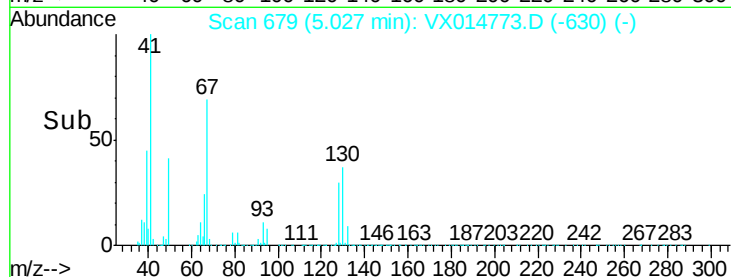
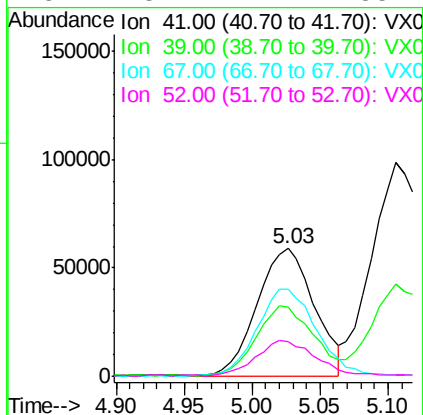
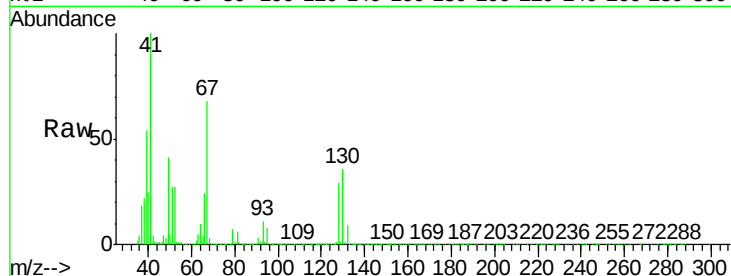
Acq: 30 Jan 2020 17:47

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	42.2	63.2	
67	72.0	55.4	83.0	
52	28.4	22.1	33.1	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#42

1,2-Dichloroethane

Concen: 49.300 ug/l

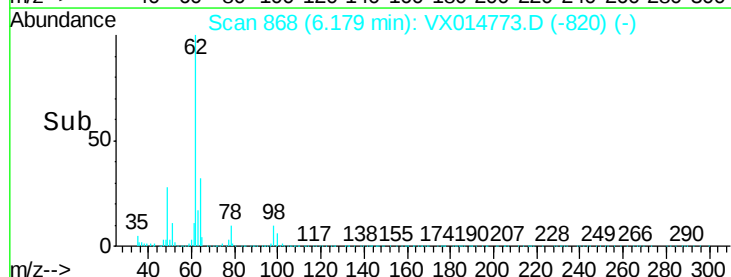
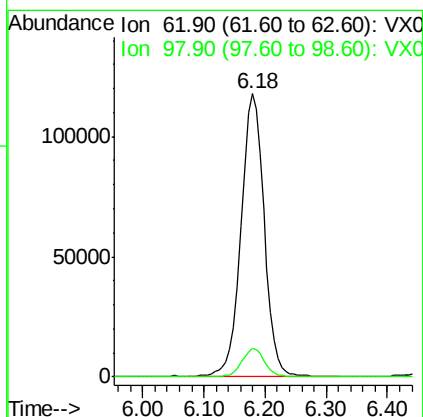
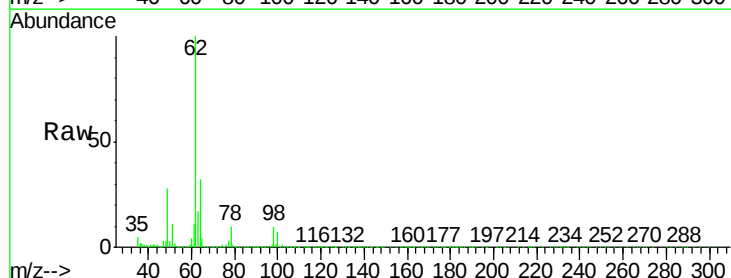
RT: 6.18 min Scan# 868

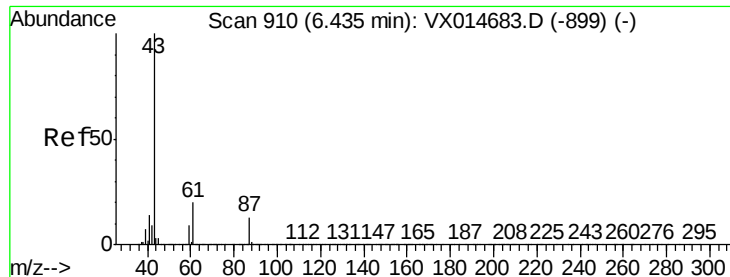
Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.0	





#43

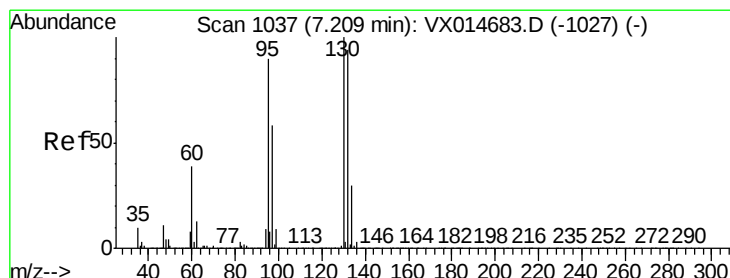
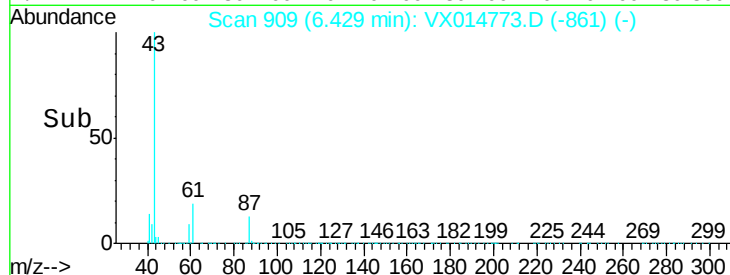
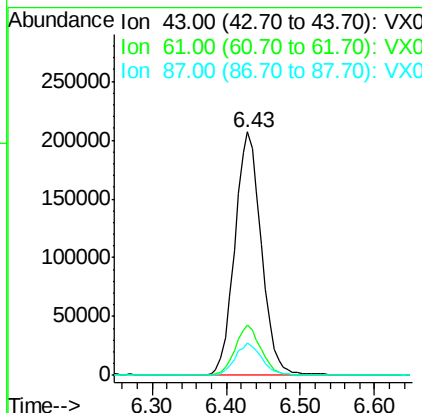
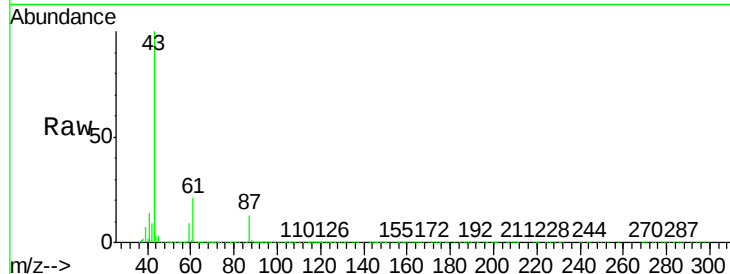
Isopropyl Acetate
 Concen: 46.863 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.0	10.5	15.7

Manual Integrations
 APPROVED

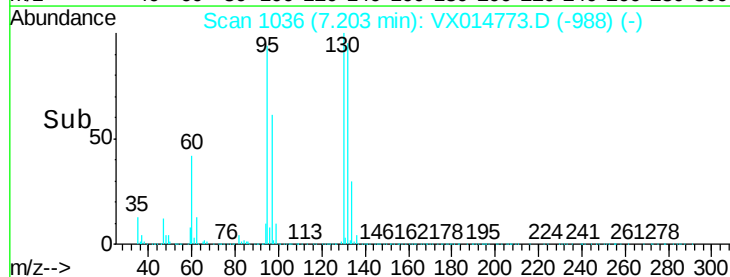
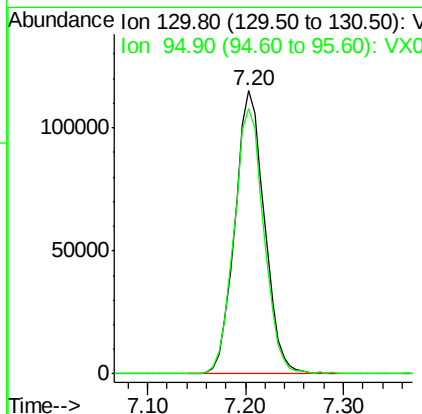
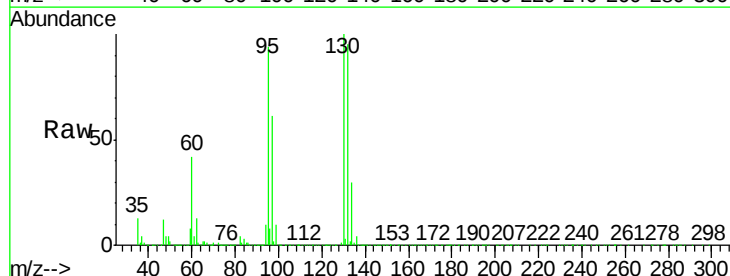
MMDadoda
 1/31/2020 10:52:19 AM

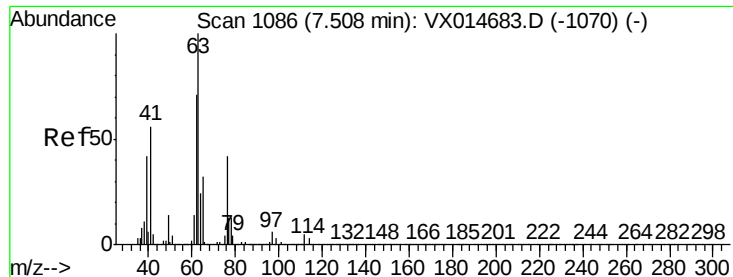


#44

Trichloroethene
 Concen: 47.342 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	179.8





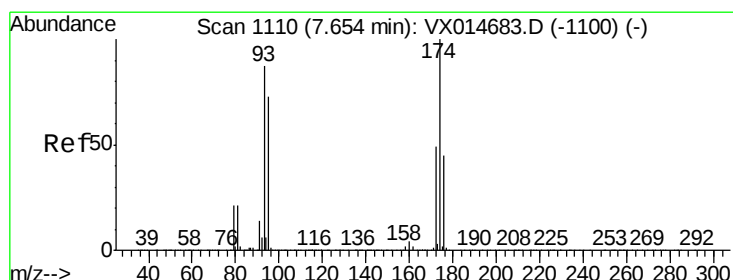
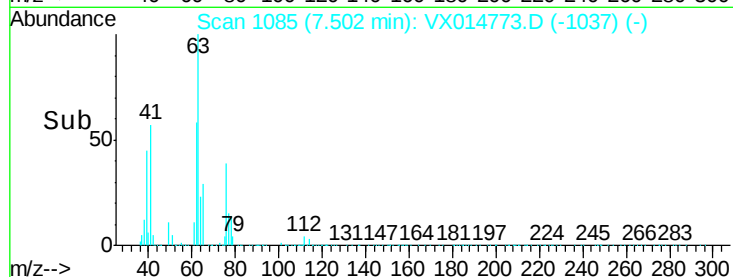
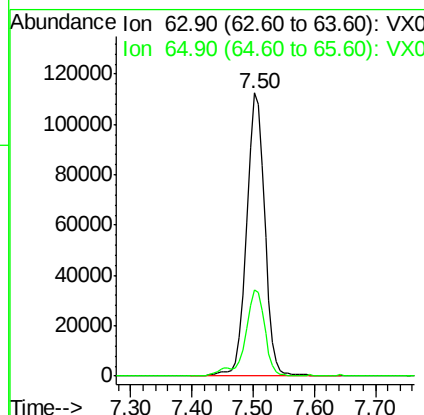
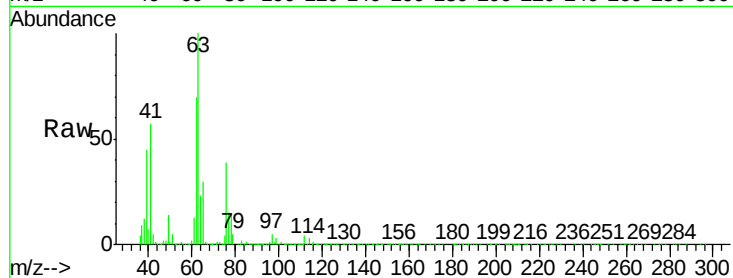
#45
 1,2-Dichloropropane
 Concen: 49.606 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.2	37.8

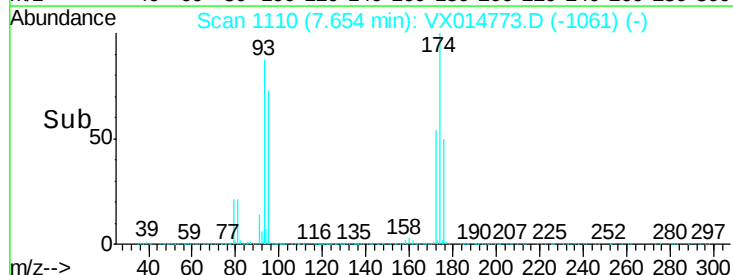
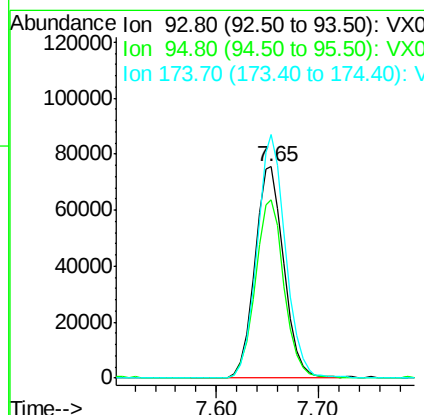
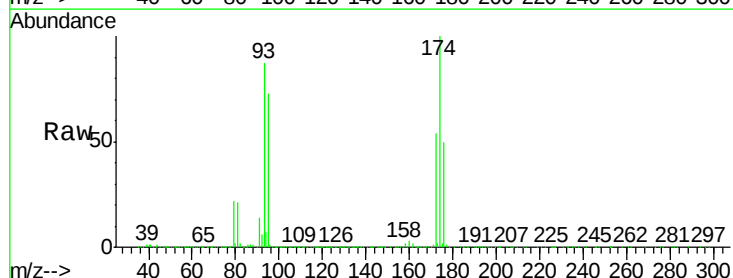
Manual Integrations
 APPROVED

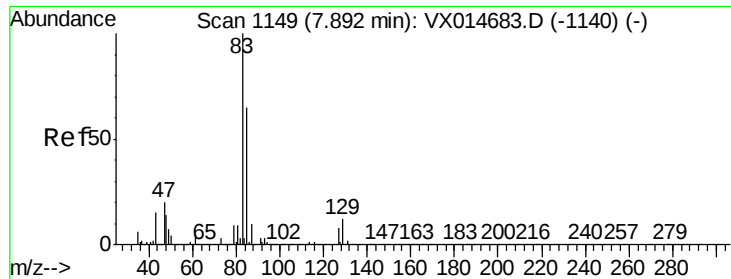
MMDadoda
 1/31/2020 10:52:19 AM



#46
 Dibromomethane
 Concen: 49.364 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.0	100.4
174	113.5	90.2	135.2





#47

Bromodichloromethane

Concen: 50.910 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

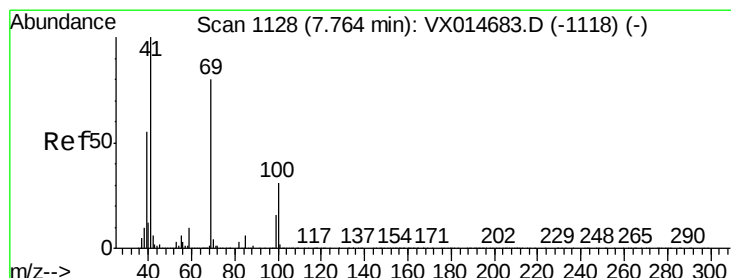
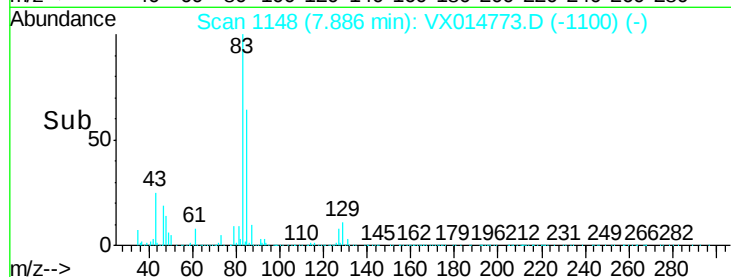
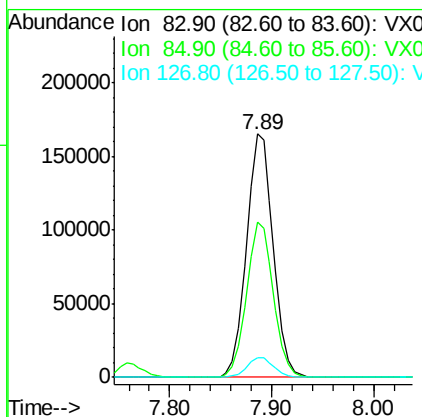
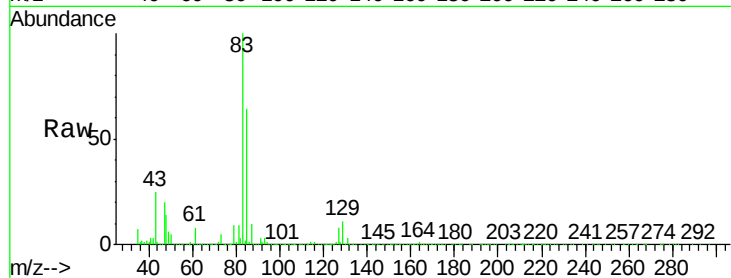
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	301240
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.2	78.2
127	8.3	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#48

Methyl methacrylate

Concen: 49.129 ug/l

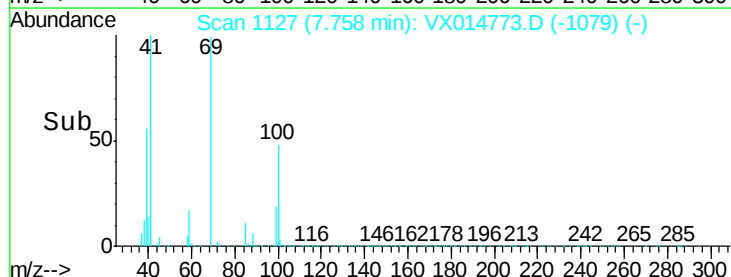
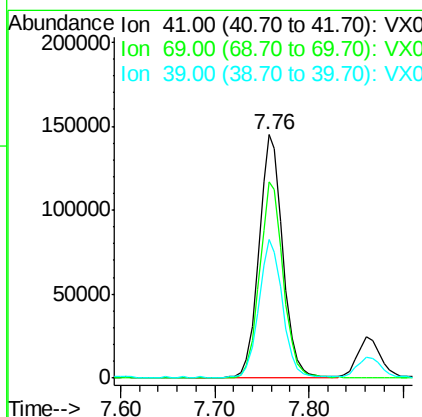
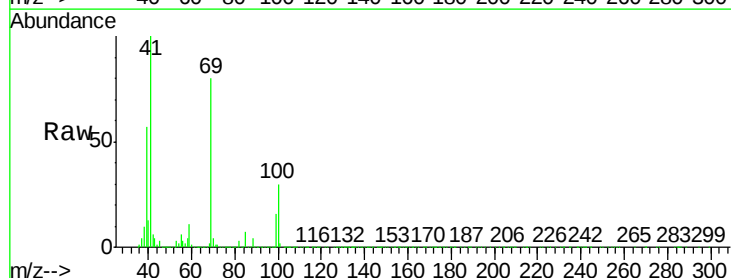
RT: 7.76 min Scan# 1127

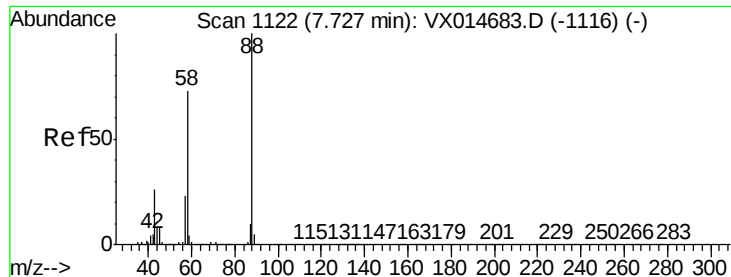
Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion:	41	Resp:	257638
Ion Ratio	Lower	Upper	
41	100		
69	79.9	63.5	95.3
39	56.2	43.7	65.5





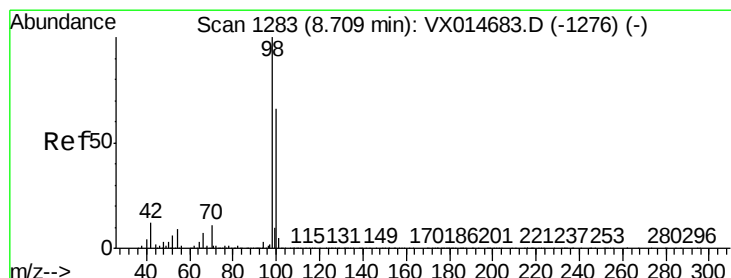
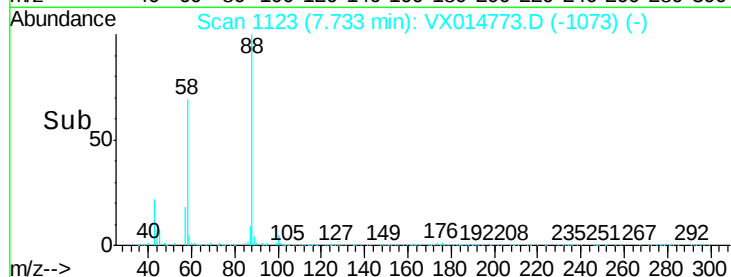
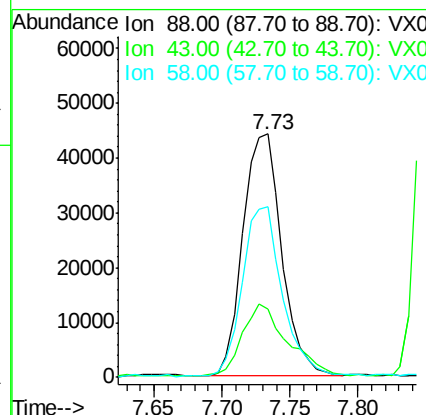
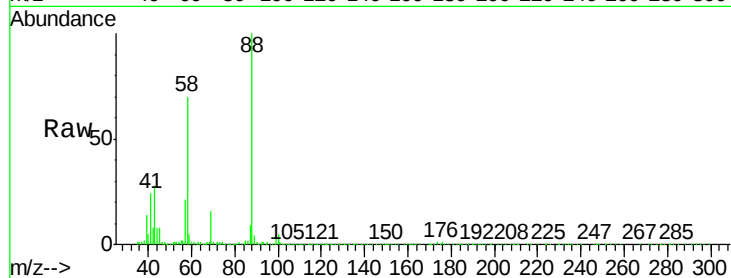
#49
1,4-Dioxane
Concen: 792.215 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.2	39.2
58	72.2	56.6	85.0

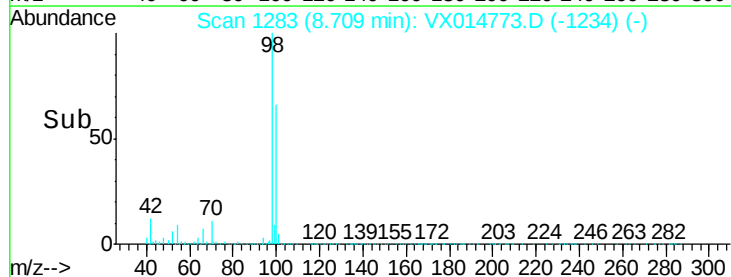
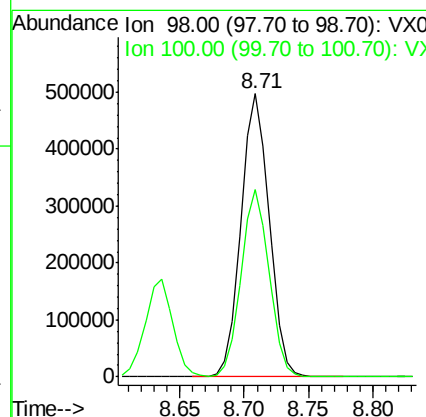
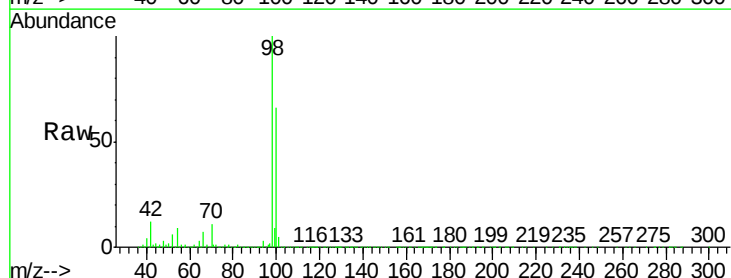
Manual Integrations
APPROVED

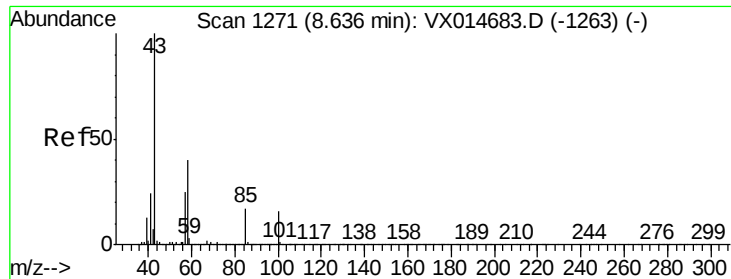
MMDadoda
1/31/2020 10:52:19 AM



#50
Toluene-d8
Concen: 49.399 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 231.142 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1601174

Ion Ratio Lower Upper

43 100

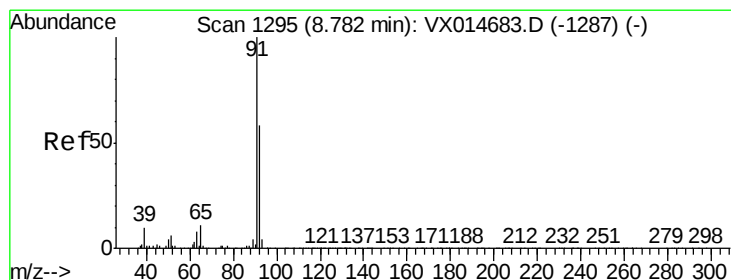
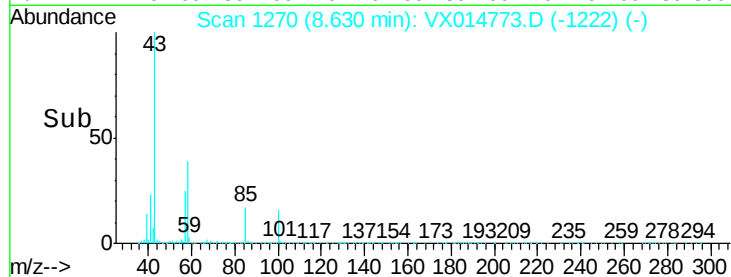
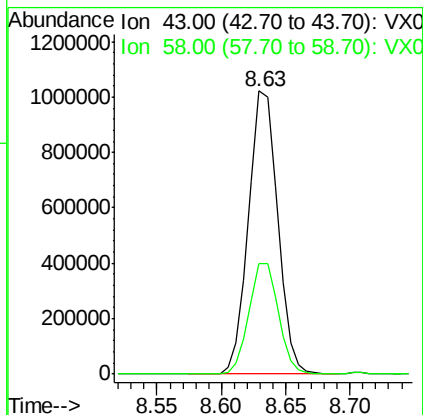
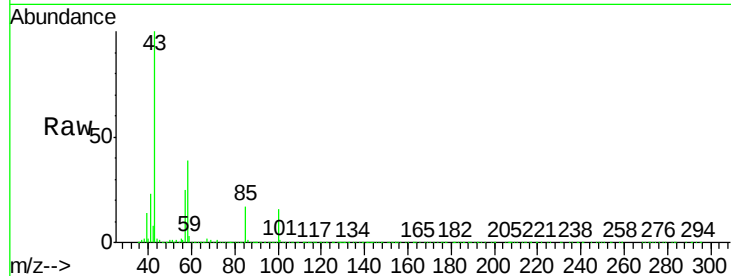
58 39.6 31.6 47.4

Manual Integrations

APPROVED

MMDadoda

1/31/2020 10:52:19 AM



#52

Toluene

Concen: 49.306 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014773.D

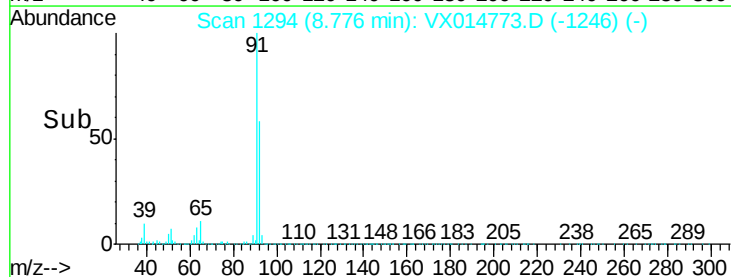
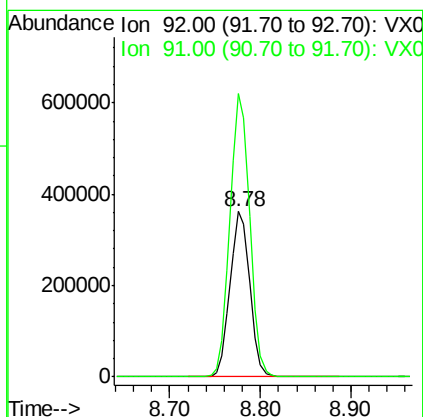
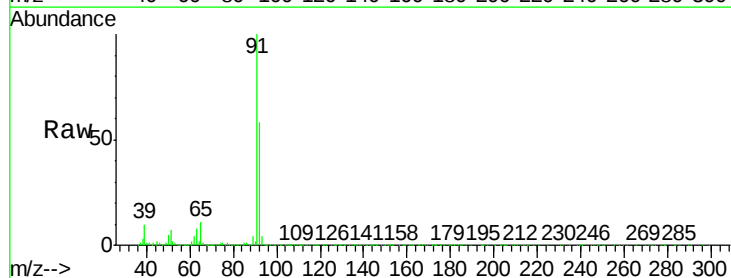
Acq: 30 Jan 2020 17:47

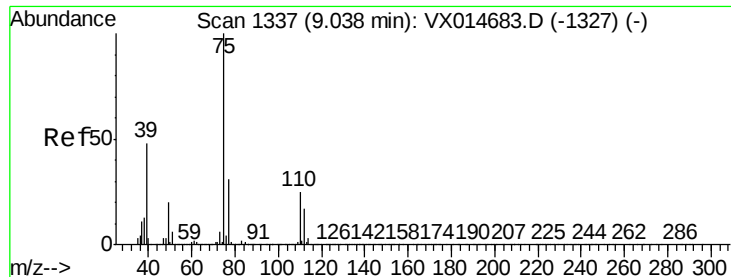
Tgt Ion: 92 Resp: 548017

Ion Ratio Lower Upper

92 100

91 171.4 135.9 203.9





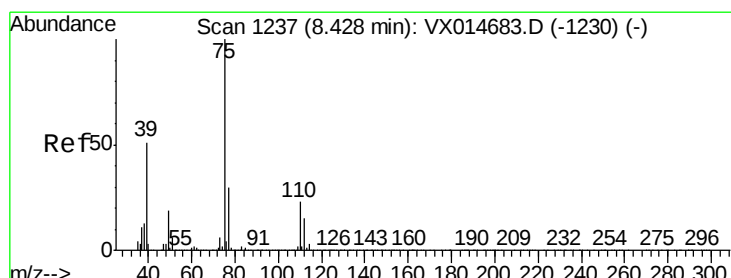
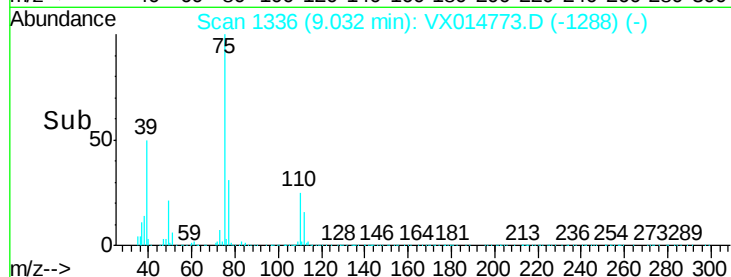
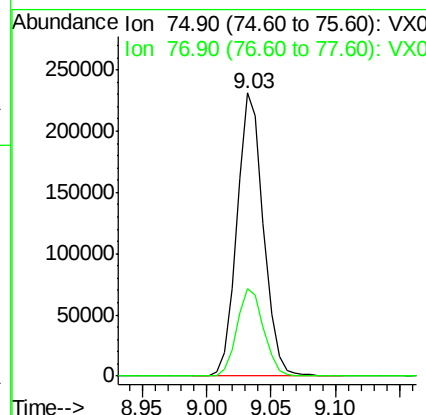
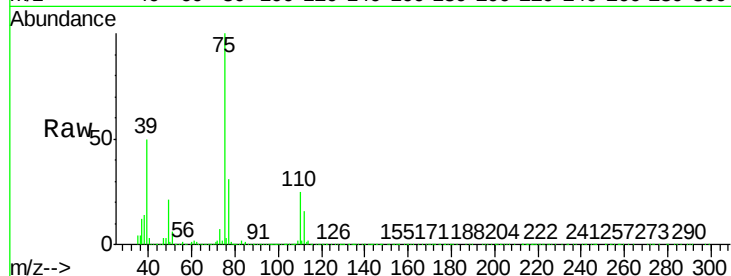
#53
t-1,3-Dichloropropene
Concen: 51.750 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.9	37.3

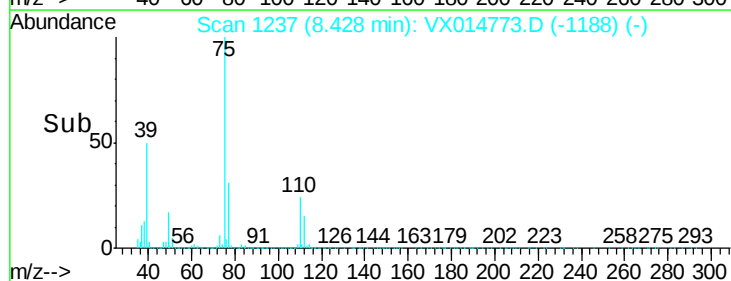
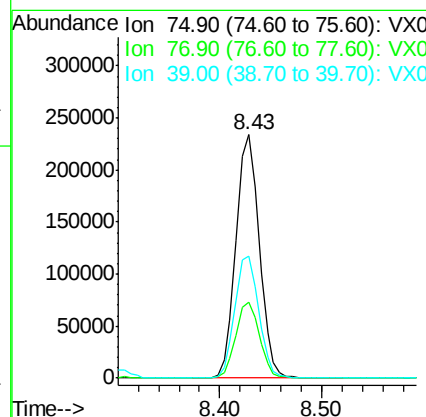
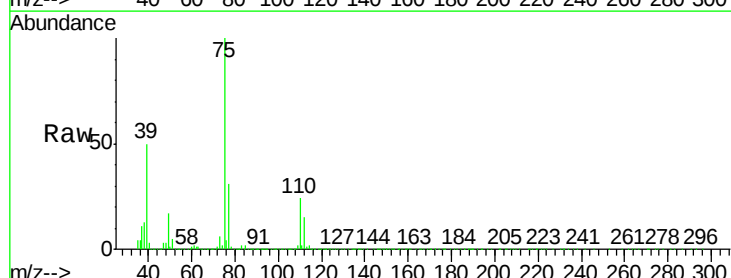
Manual Integrations
APPROVED

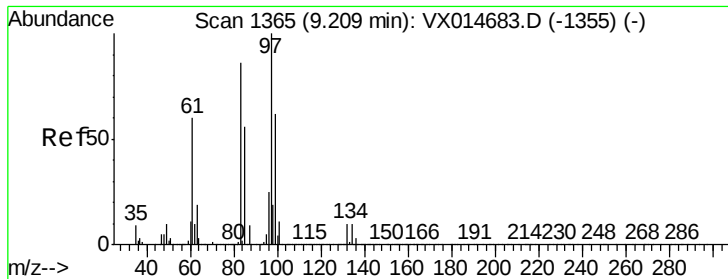
MMDadoda
1/31/2020 10:52:19 AM



#54
cis-1,3-Dichloropropene
Concen: 52.733 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	23.9	35.9
39	49.9	40.9	61.3





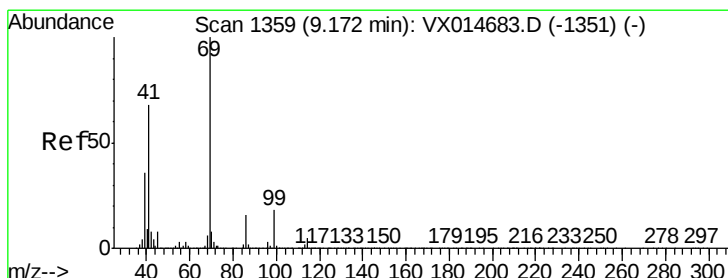
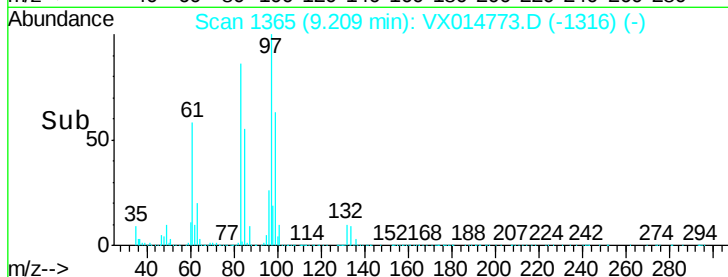
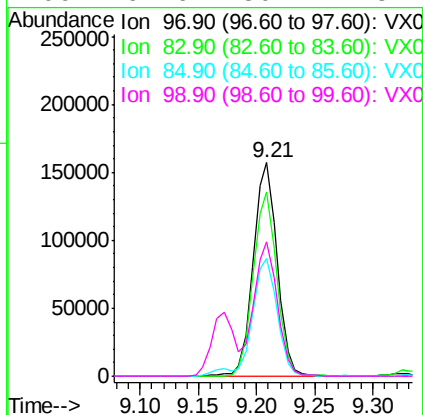
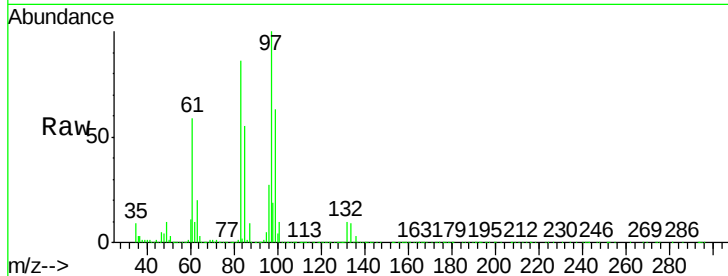
#55
 1,1,2-Trichloroethane
 Concen: 49.481 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.2	103.8
85	55.0	44.6	67.0
99	62.6	50.1	75.1

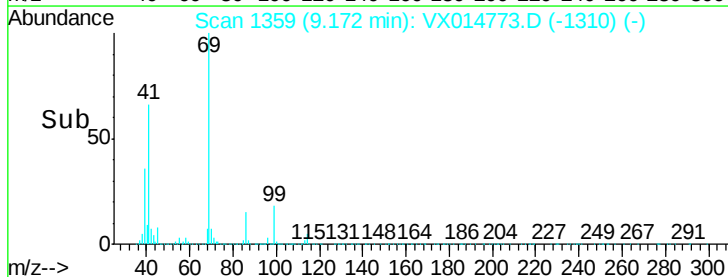
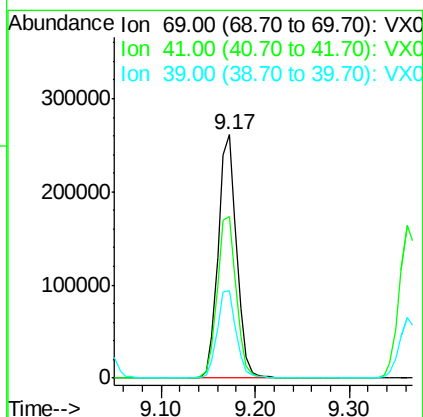
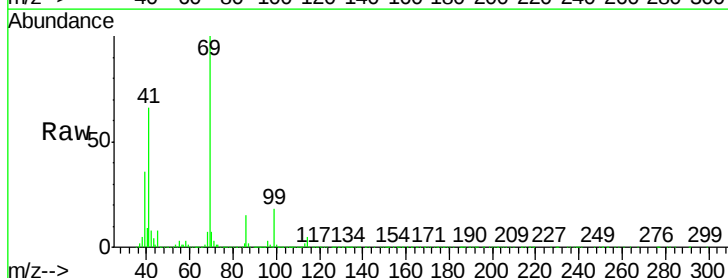
Manual Integrations
 APPROVED

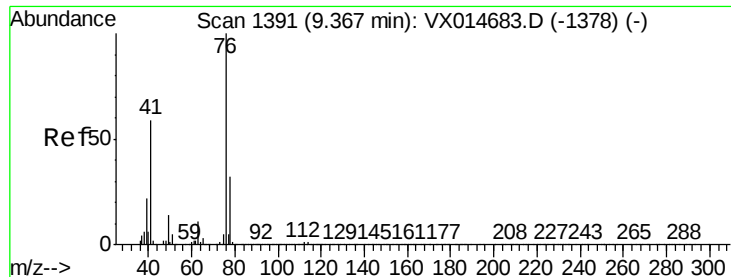
MMDadoda
 1/31/2020 10:52:19 AM



#56
 Ethyl methacrylate
 Concen: 45.976 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.9	82.3
39	36.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 48.767 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 379362

Ion Ratio Lower Upper

76 100

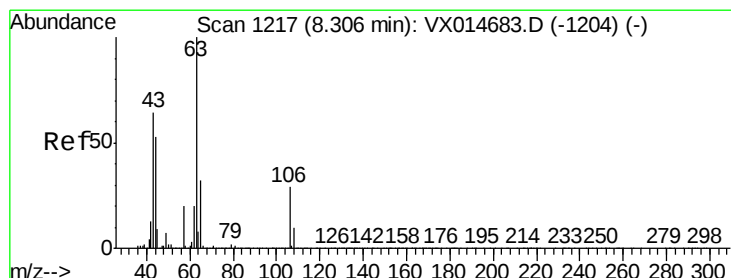
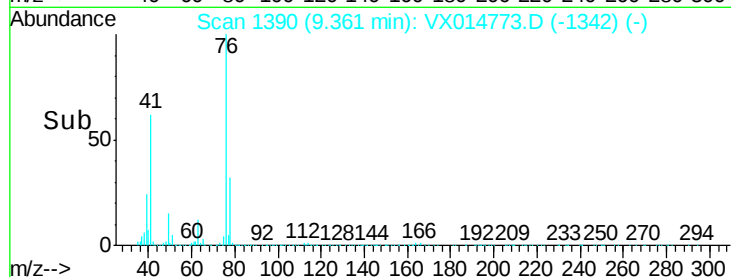
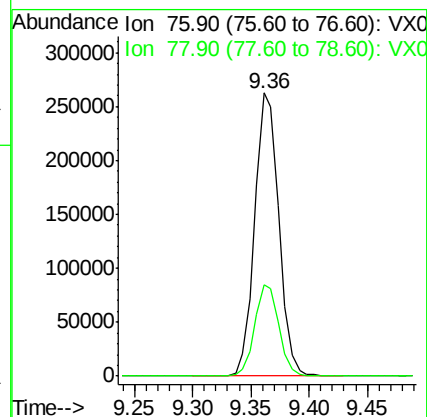
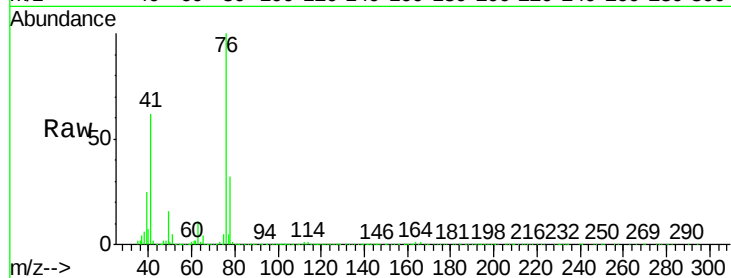
78 32.0 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

1/31/2020 10:52:19 AM



#58

2-Chloroethyl Vinyl ether

Concen: 236.911 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014773.D

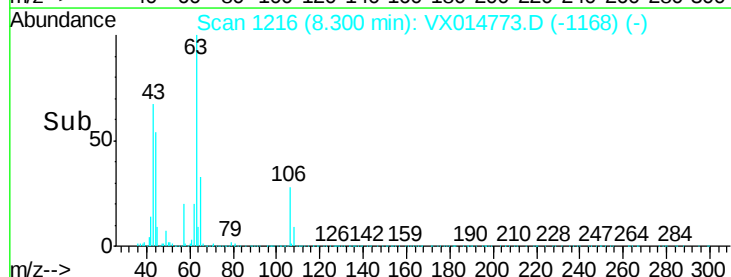
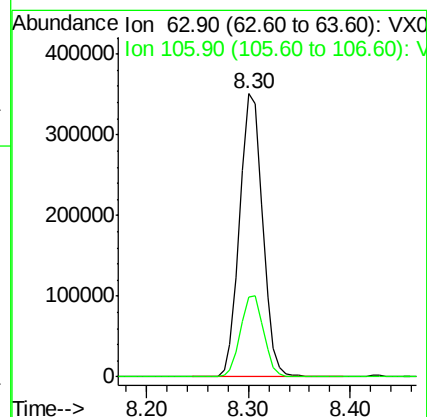
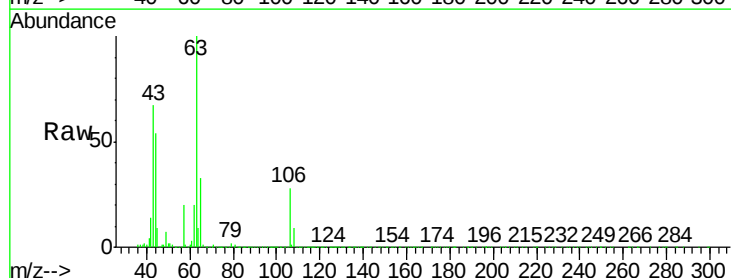
Acq: 30 Jan 2020 17:47

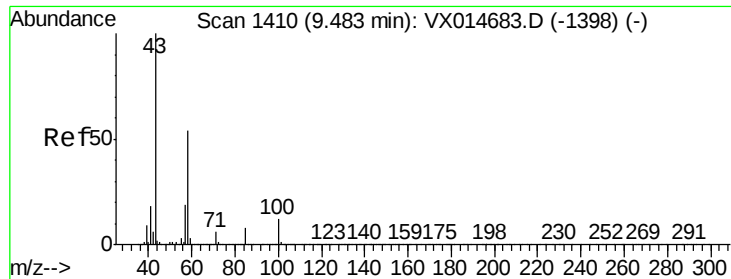
Tgt Ion: 63 Resp: 542180

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





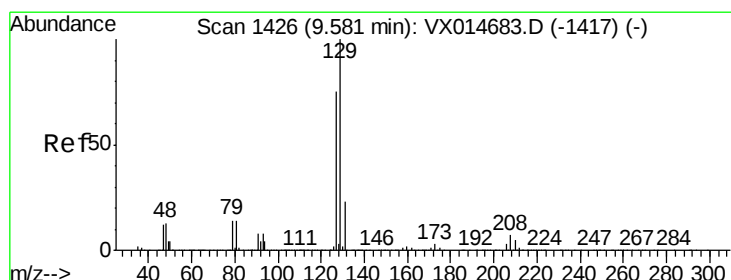
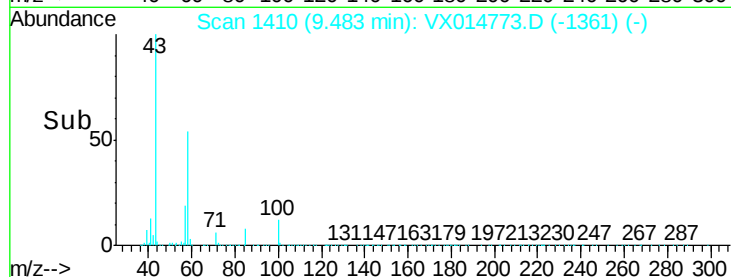
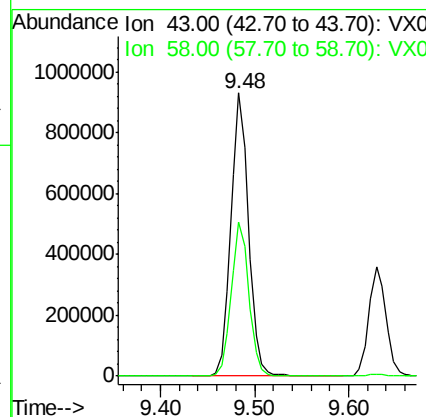
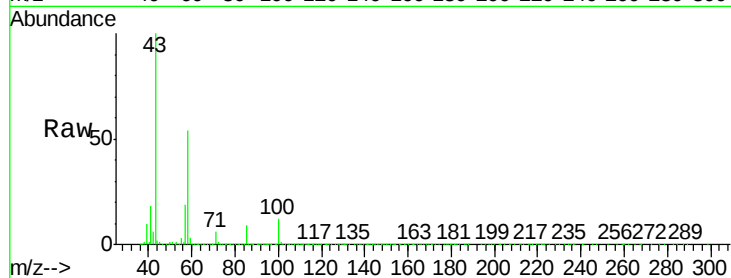
#59
2-Hexanone
Concen: 224.337 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1205904
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

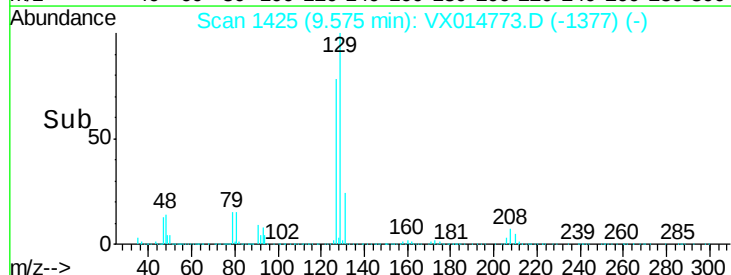
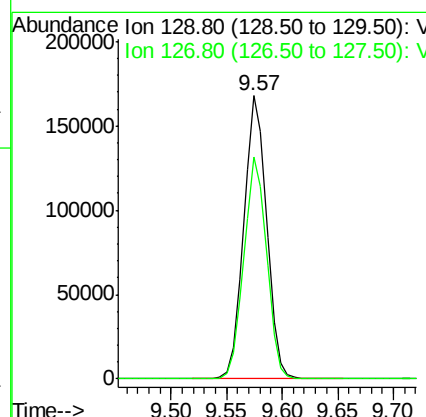
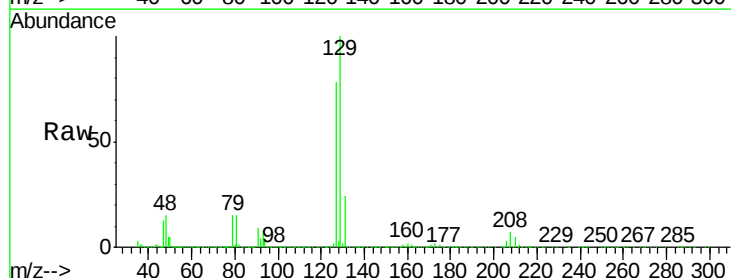
Manual Integrations
APPROVED

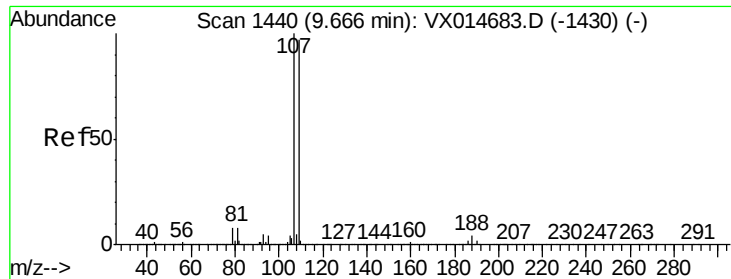
MMDadoda
1/31/2020 10:52:19 AM



#60
Dibromochloromethane
Concen: 50.082 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 129 Resp: 237882
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





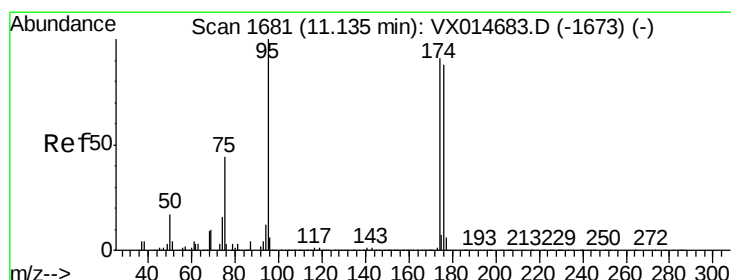
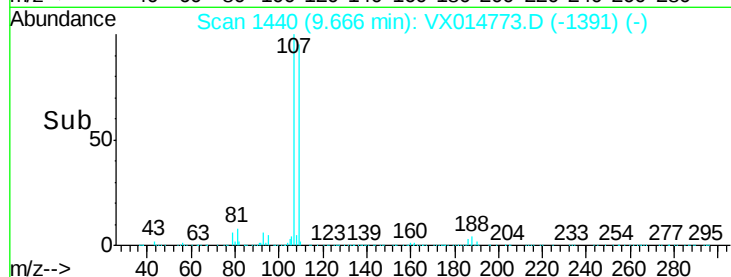
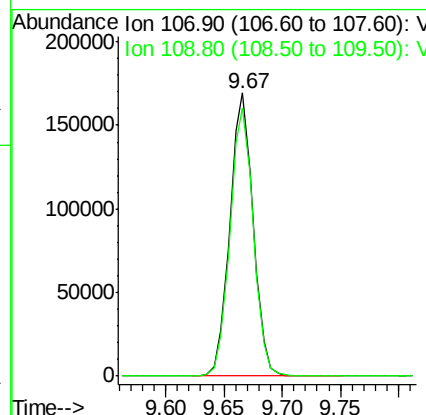
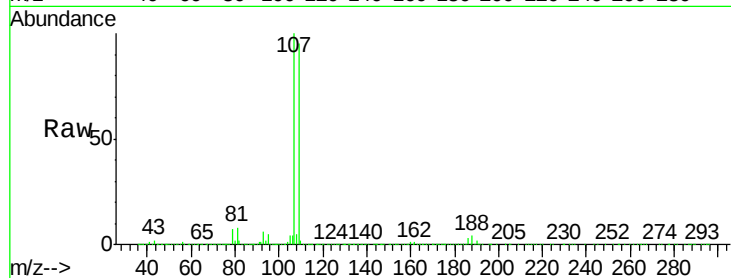
#61
 1,2-Dibromoethane
 Concen: 48.445 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	76.2	114.2

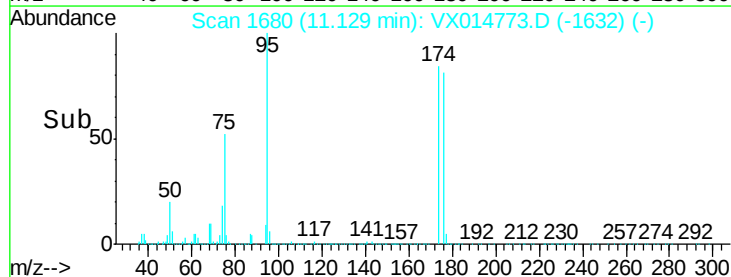
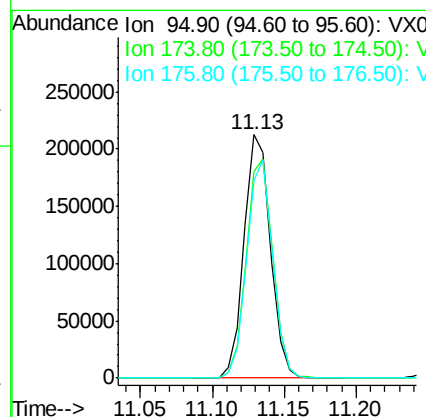
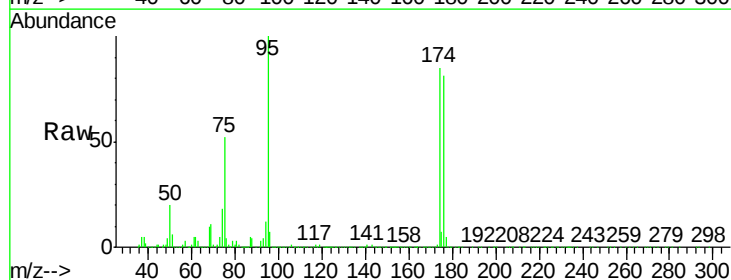
Manual Integrations
 APPROVED

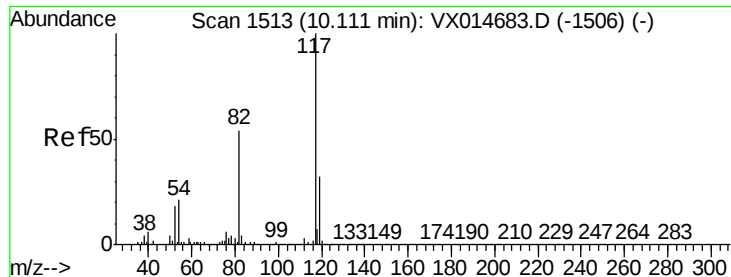
MMDadoda
 1/31/2020 10:52:19 AM



#62
 4-Bromofluorobenzene
 Concen: 49.541 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	176.0
176	87.6	0.0	172.2





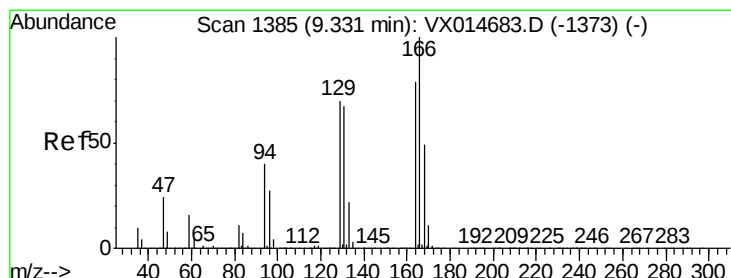
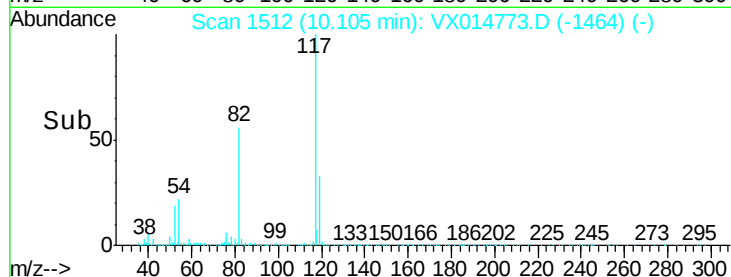
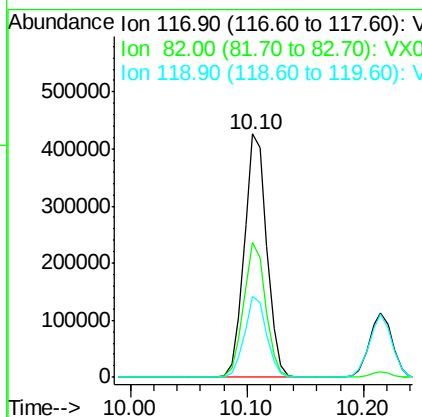
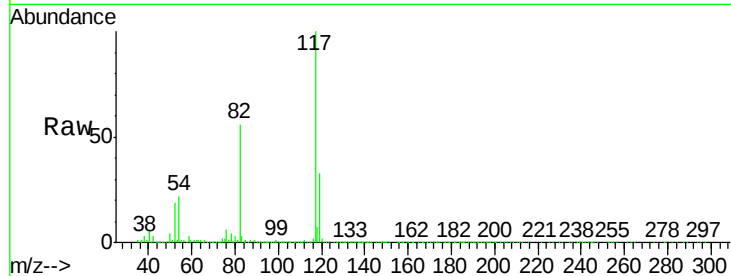
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.2	64.8
119	33.0	25.8	38.6

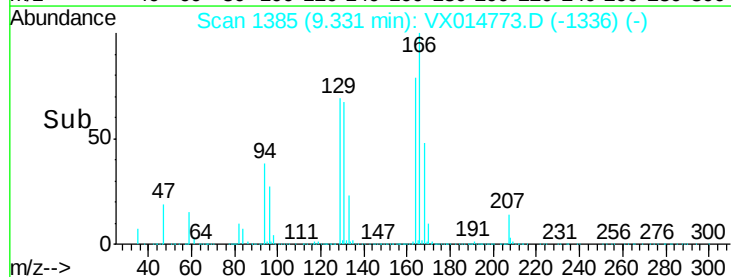
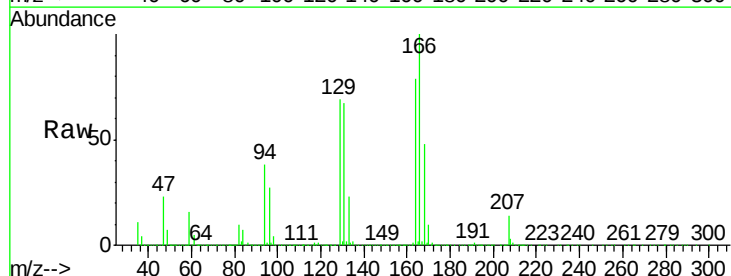
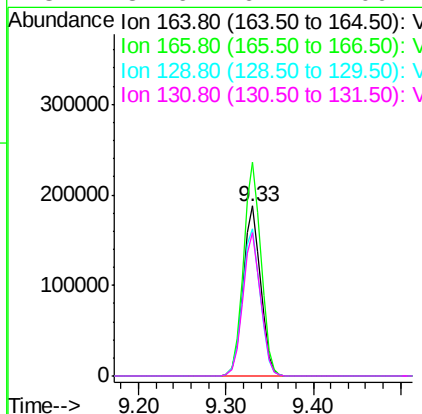
Manual Integrations
APPROVED

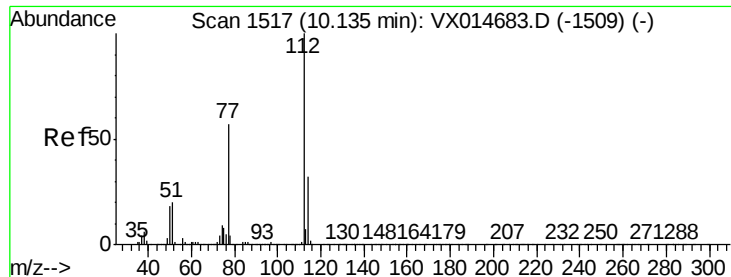
MMDadoda
1/31/2020 10:52:19 AM



#64
Tetrachloroethene
Concen: 45.551 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.9	151.3
129	86.4	71.0	106.6
131	84.6	67.1	100.7





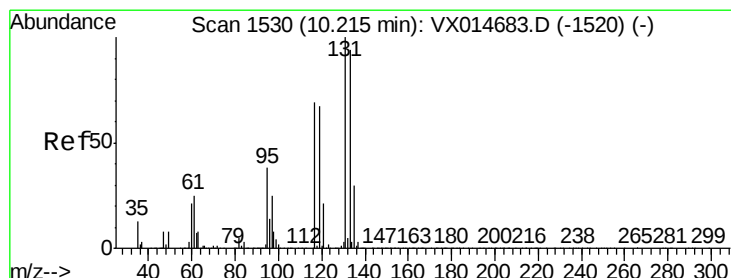
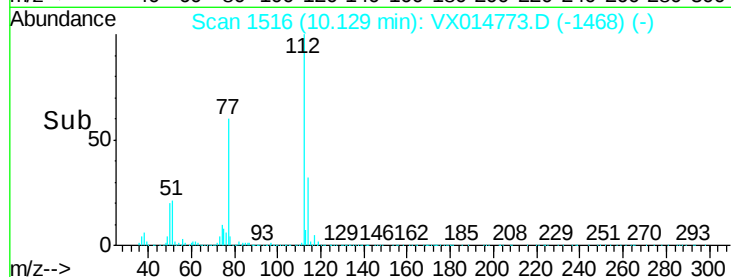
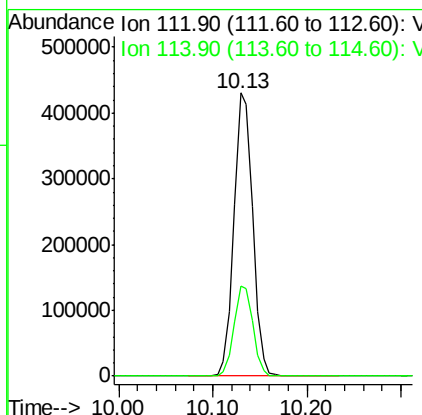
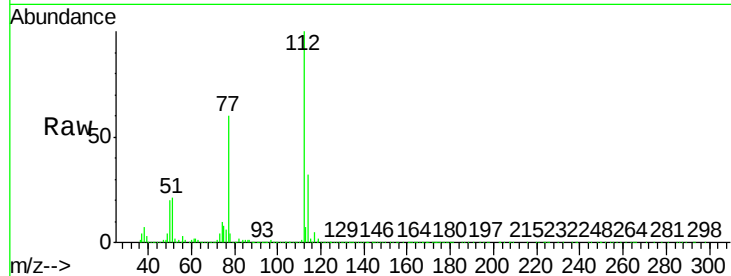
#65
Chlorobenzene
Concen: 48.221 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.8

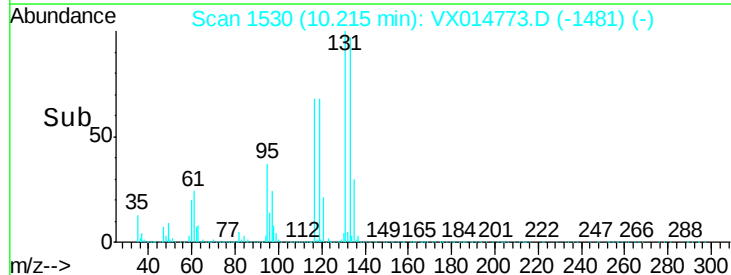
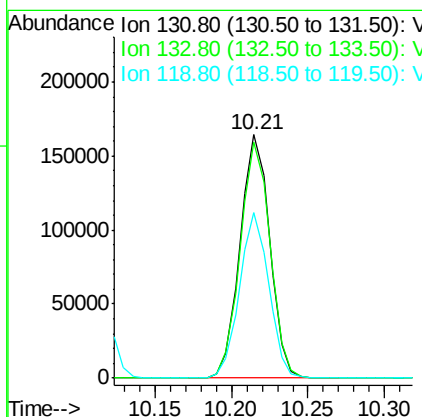
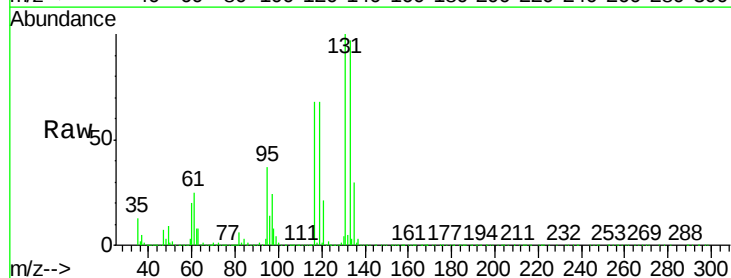
Manual Integrations
APPROVED

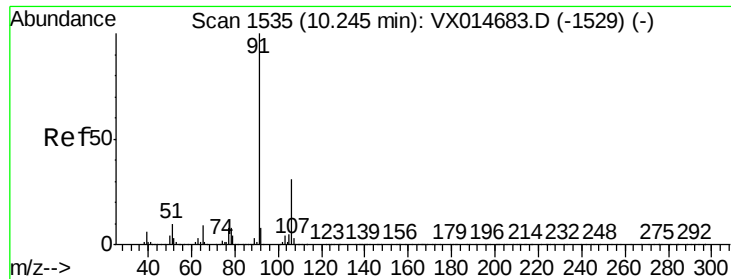
MMDadoda
1/31/2020 10:52:19 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.750 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.4	142.3
119	66.8	33.3	99.8





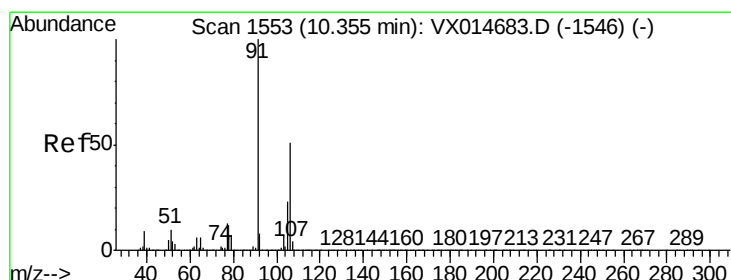
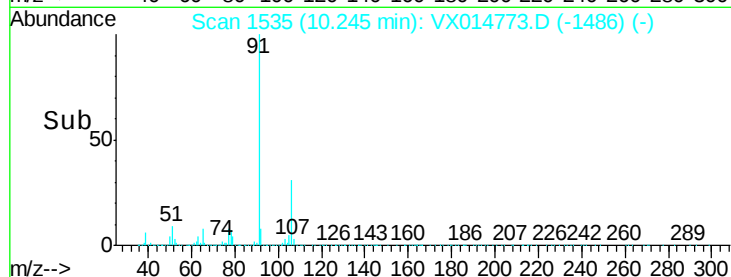
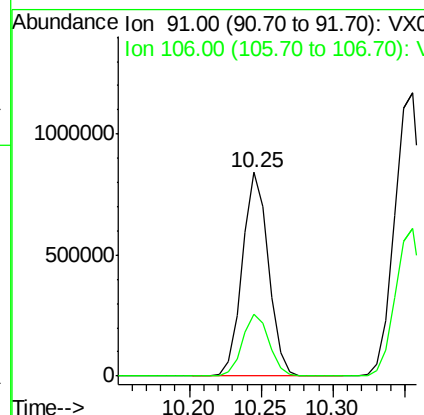
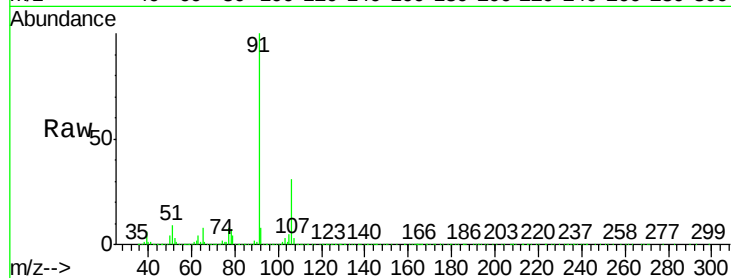
#67
Ethyl Benzene
Concen: 50.522 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1061770
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

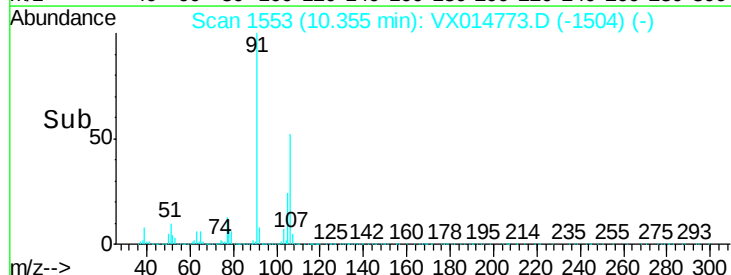
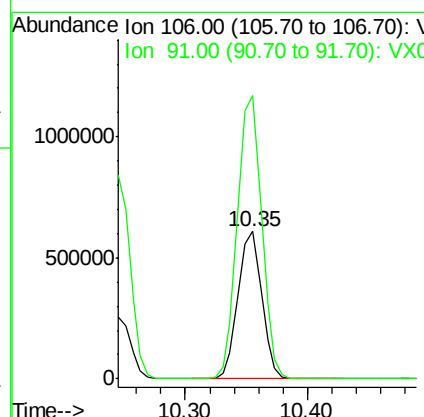
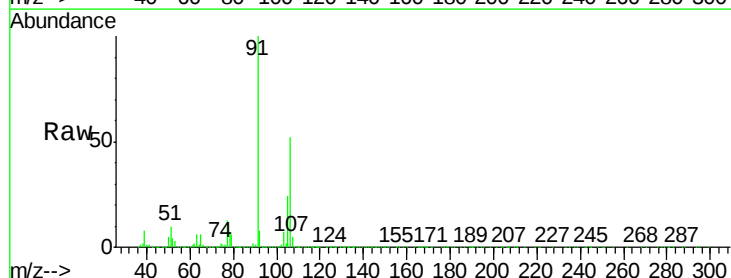
Manual Integrations
APPROVED

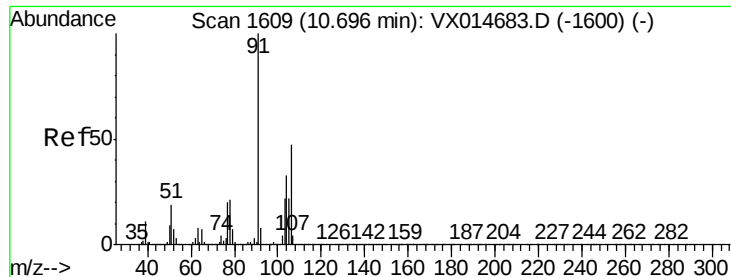
MMDadoda
1/31/2020 10:52:19 AM



#68
m/p-Xylenes
Concen: 102.727 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 106 Resp: 817890
Ion Ratio Lower Upper
106 100
91 196.5 159.4 239.2





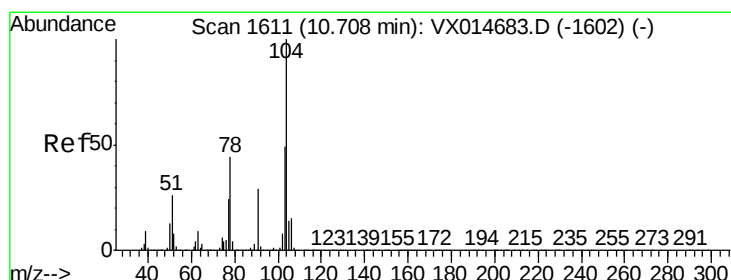
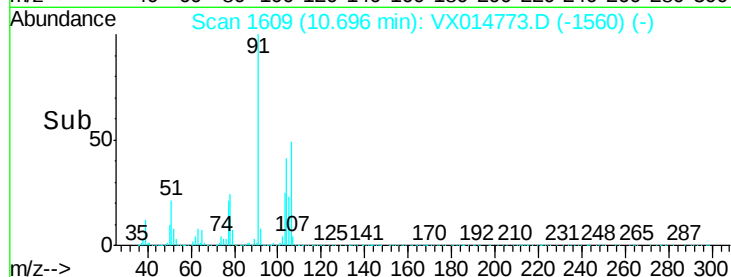
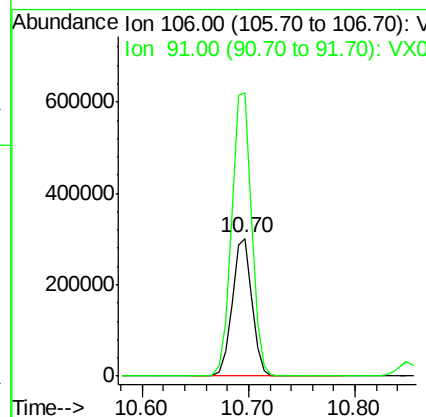
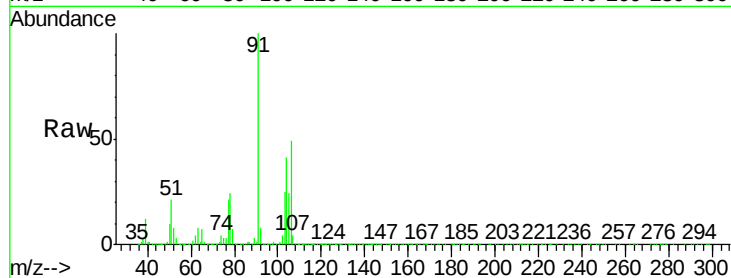
#69
o-Xylene
Concen: 50.605 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	106.2	318.6

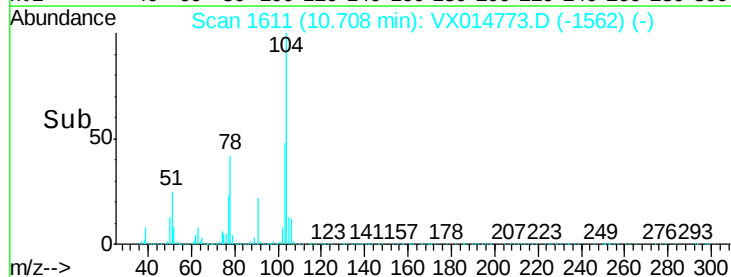
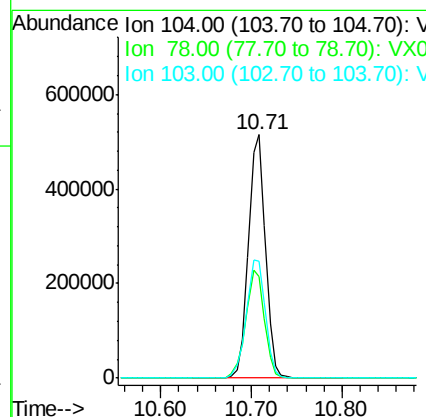
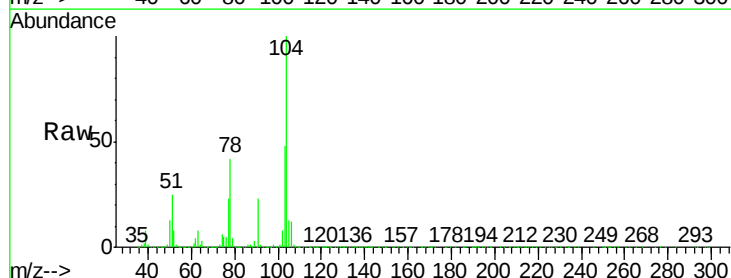
Manual Integrations
APPROVED

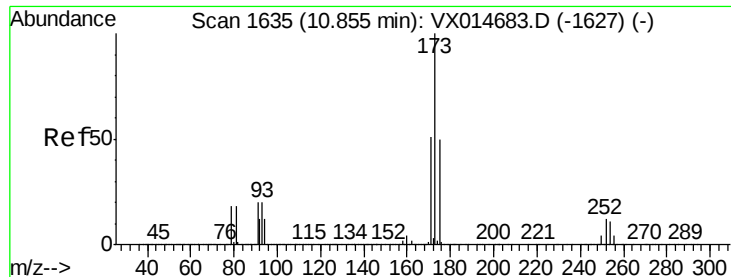
MMDadoda
1/31/2020 10:52:19 AM



#70
Styrene
Concen: 52.050 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.3	58.9
103	54.2	43.5	65.3





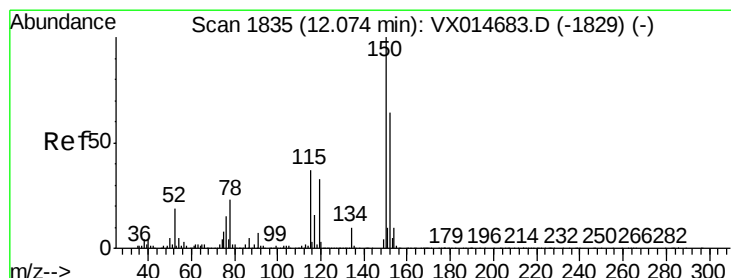
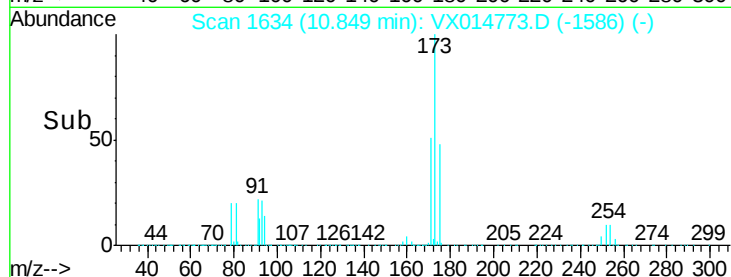
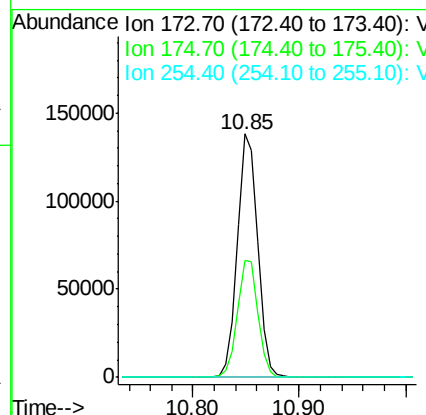
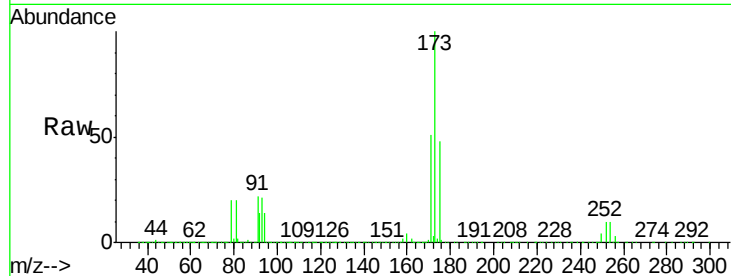
#71
Bromoform
Concen: 51.574 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
173	100		
175	48.6	24.6	73.6
254	0.2	0.1	0.1#

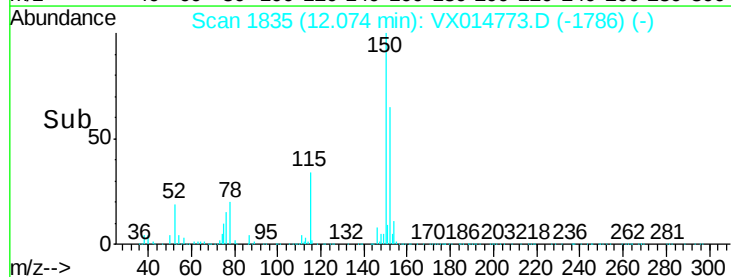
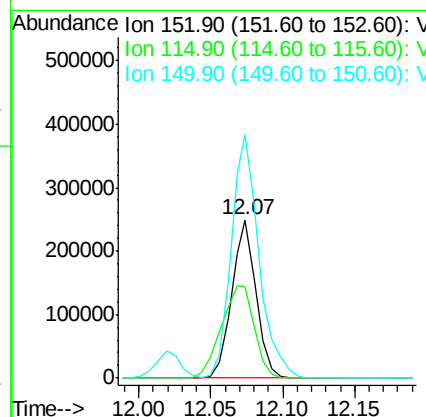
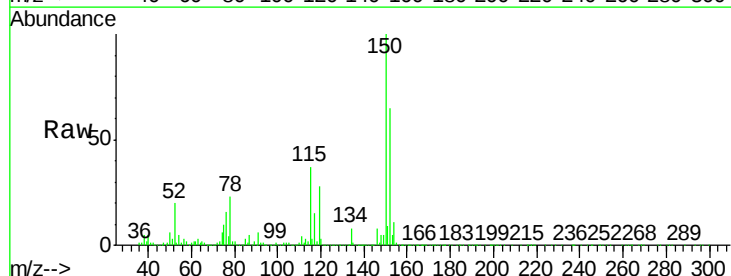
Manual Integrations
APPROVED

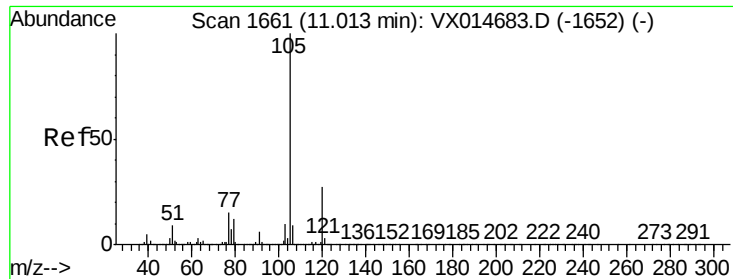
MMDadoda
1/31/2020 10:52:19 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
115	78.8	39.4	118.1
150	175.1	0.0	351.2





#73

Isopropylbenzene

Concen: 50.382 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1044337

Ion Ratio Lower Upper

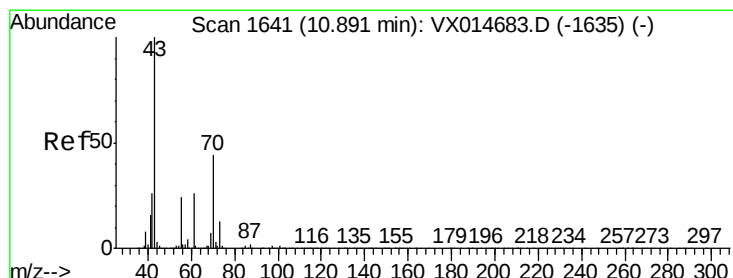
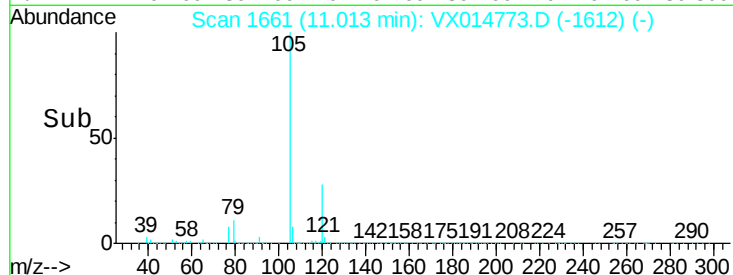
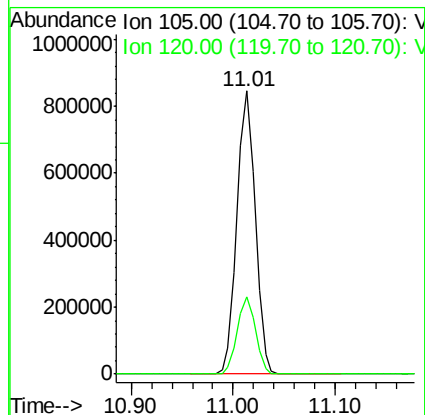
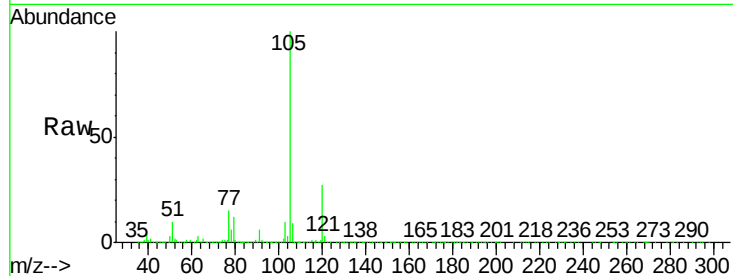
105 100

120 27.2 13.5 40.5

Manual Integrations
APPROVED

MMDadoda

1/31/2020 10:52:19 AM



#74

N-ethyl acetate

Concen: 49.537 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion: 43 Resp: 449965

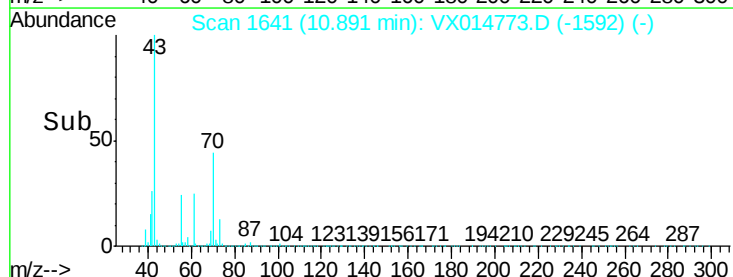
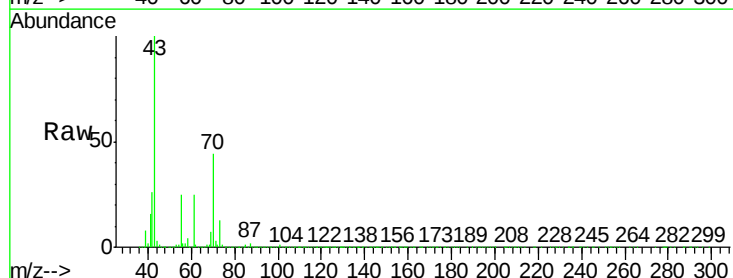
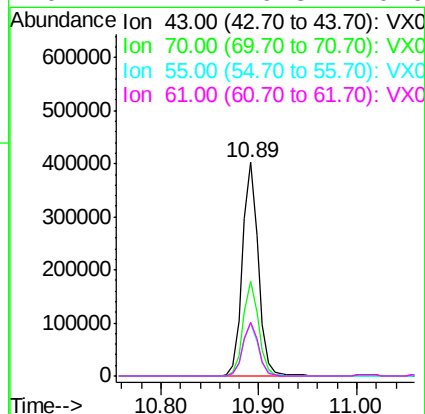
Ion Ratio Lower Upper

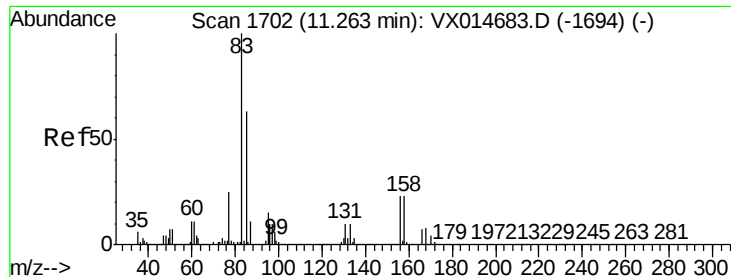
43 100

70 43.4 34.6 52.0

55 24.7 19.4 29.2

61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.398 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

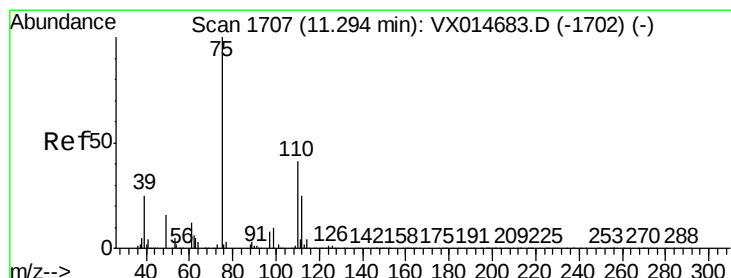
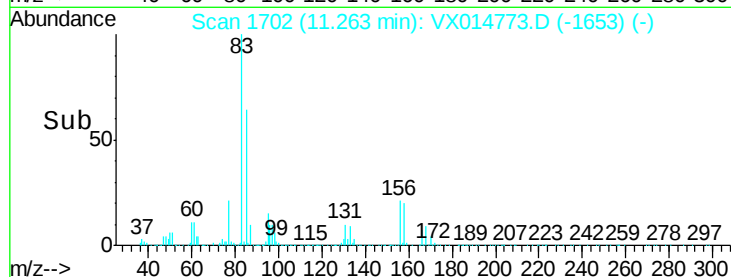
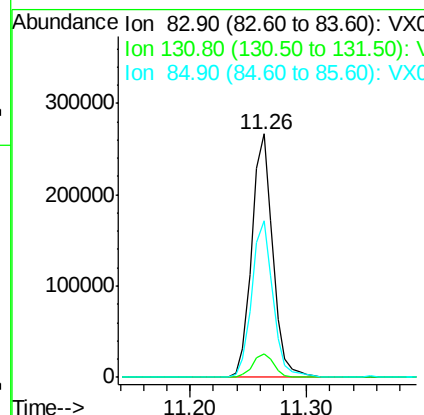
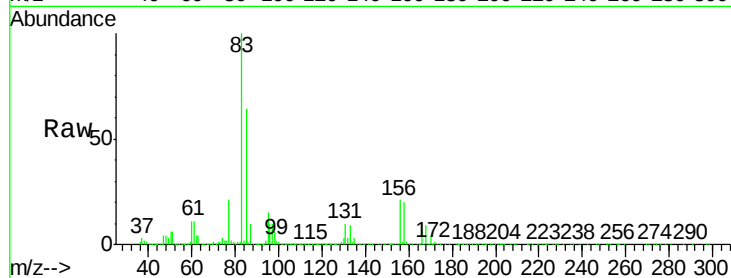
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	335992
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	65.2	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#76

1,2,3-Trichloropropane

Concen: 41.622 ug/l m

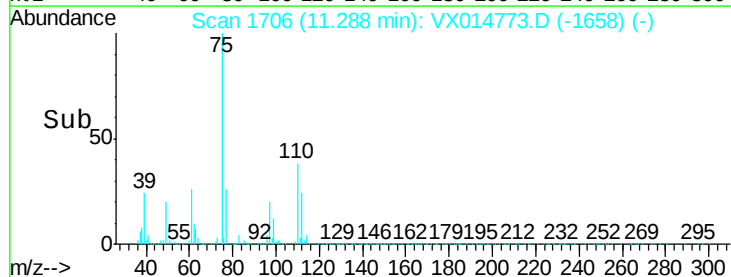
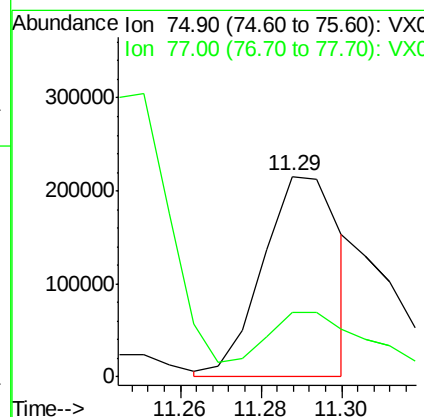
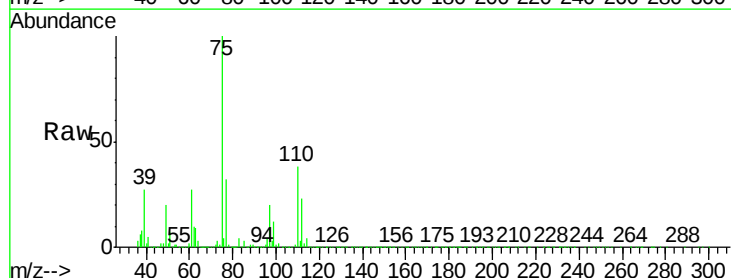
RT: 11.29 min Scan# 1706

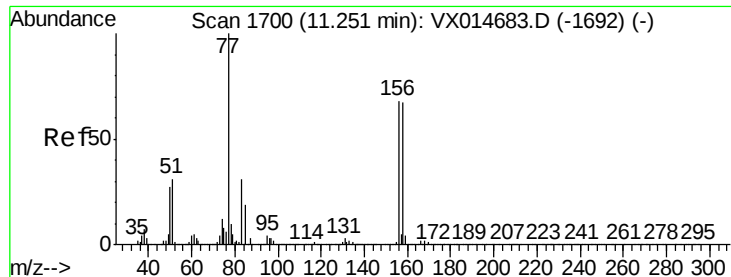
Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion:	75	Resp:	285472
Ion Ratio	Lower	Upper	
75	100		
77	44.8	18.7	56.1





#77

Bromobenzene

Concen: 48.816 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

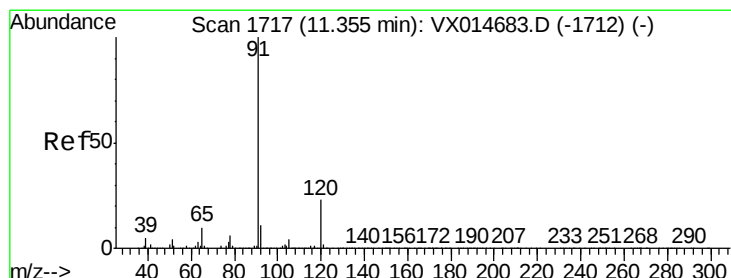
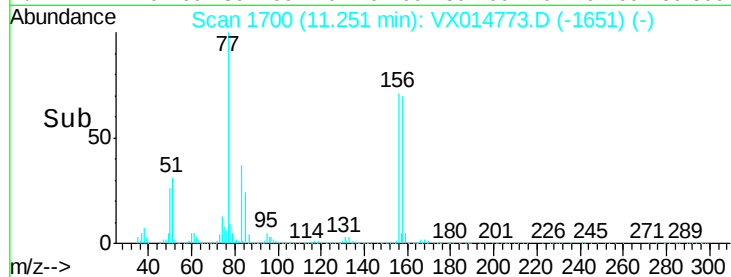
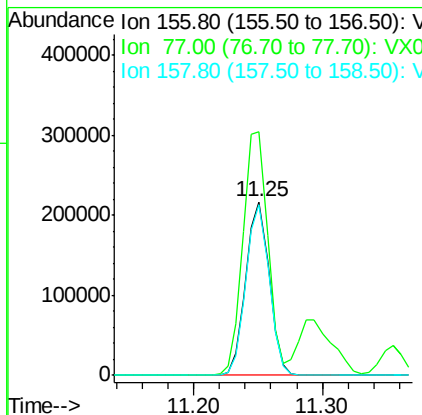
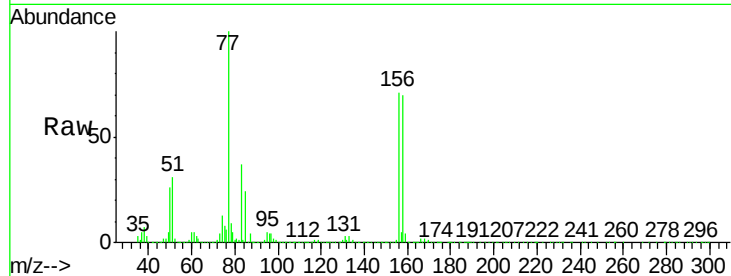
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.5	77.5	232.5
158	97.8	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#78

n-propylbenzene

Concen: 51.549 ug/l

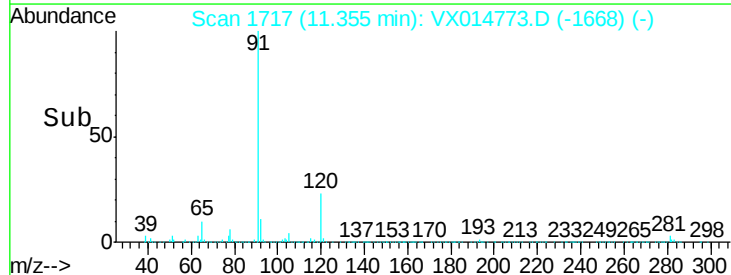
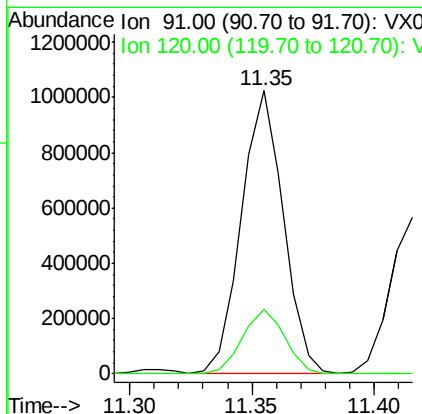
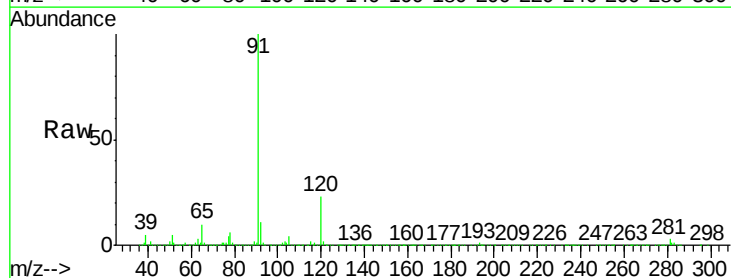
RT: 11.35 min Scan# 1717

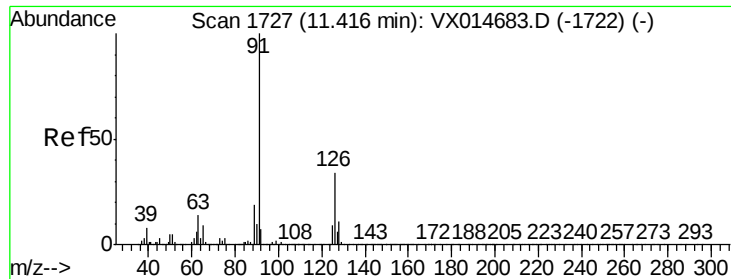
Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.0





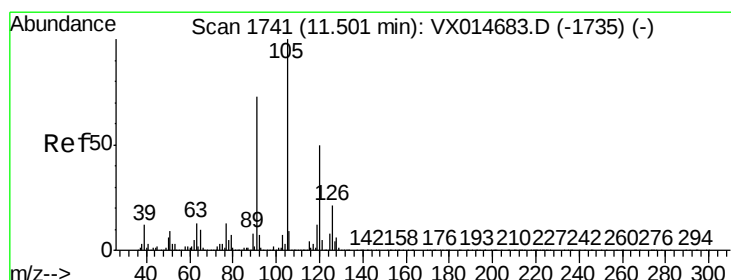
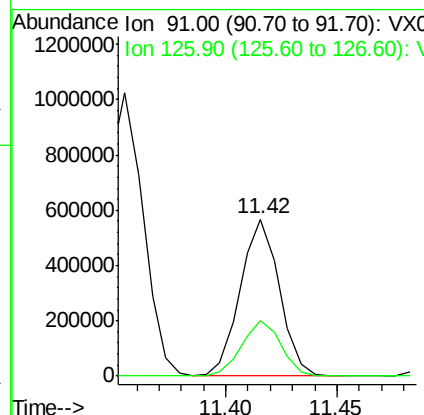
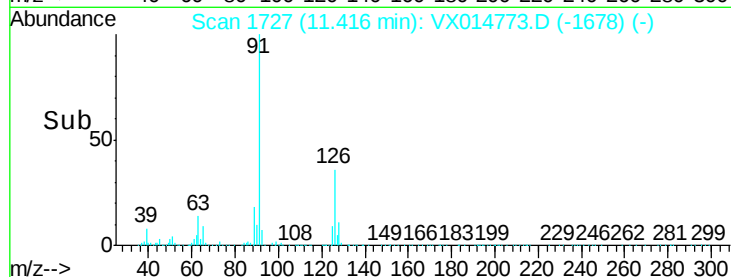
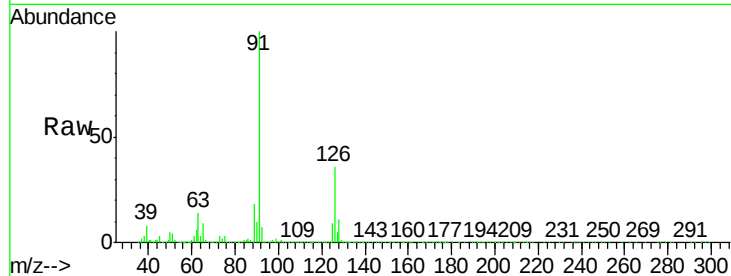
#79
2-Chlorotoluene
Concen: 48.765 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 694241
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.9

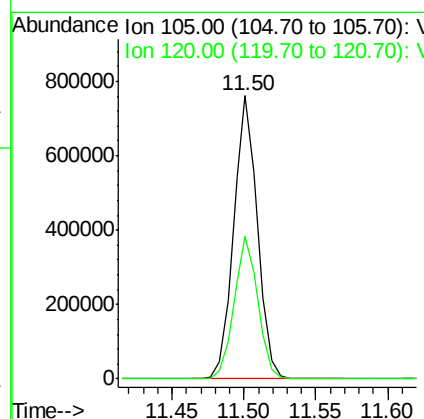
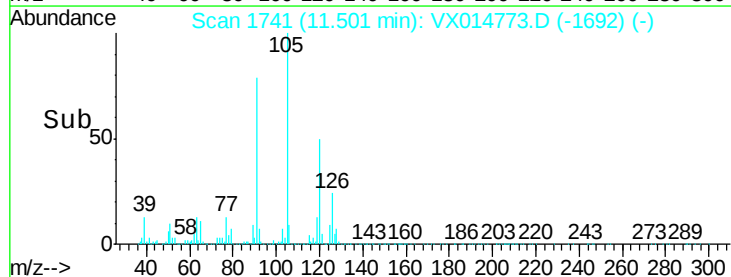
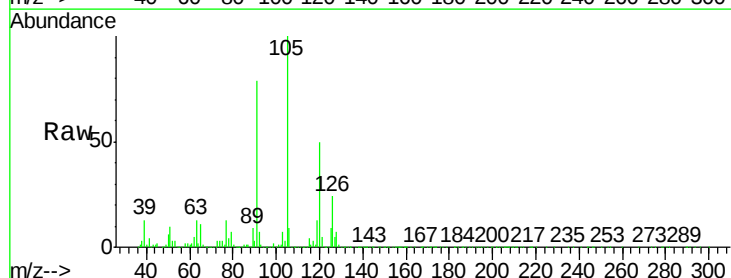
Manual Integrations
APPROVED

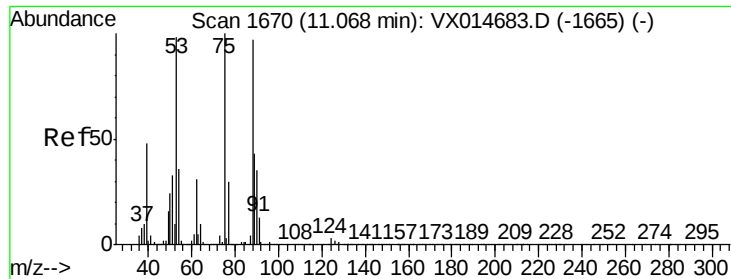
MMDadoda
1/31/2020 10:52:19 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.097 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 105 Resp: 879068
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





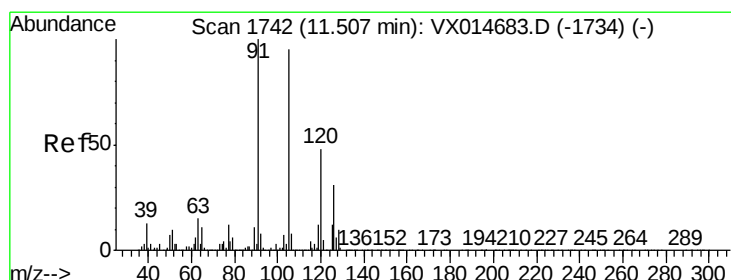
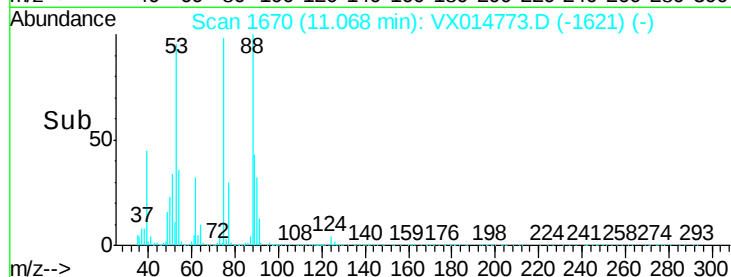
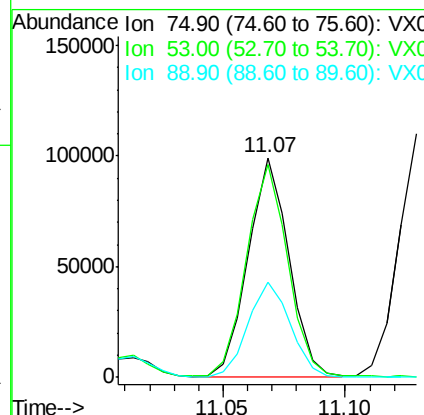
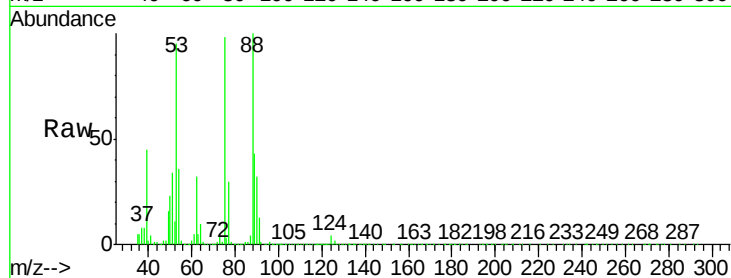
#81
trans-1,4-Dichloro-2-butene
Concen: 47.742 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	78.8	118.2
89	44.7	35.4	53.0

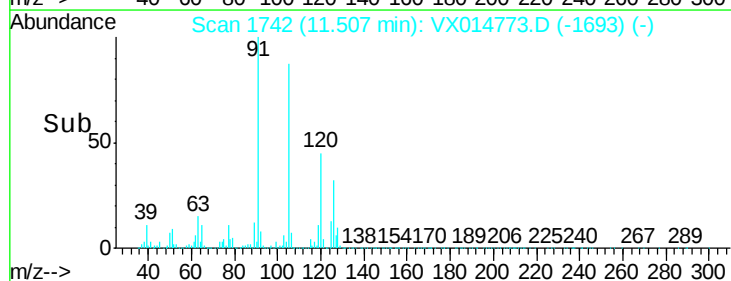
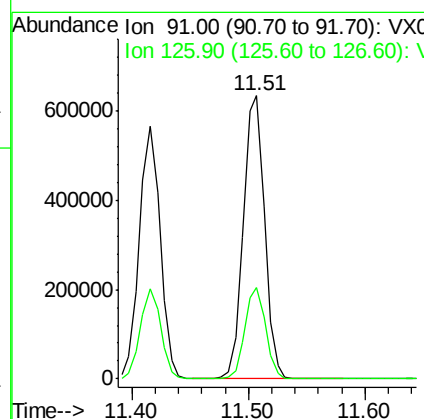
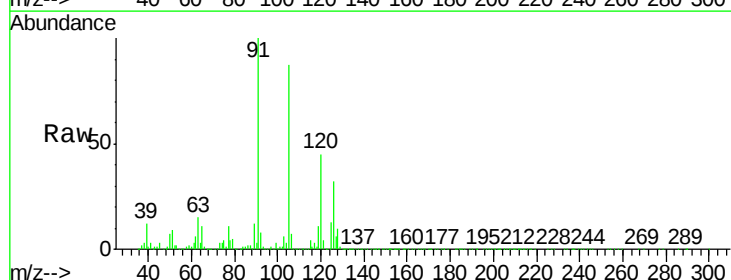
Manual Integrations
APPROVED

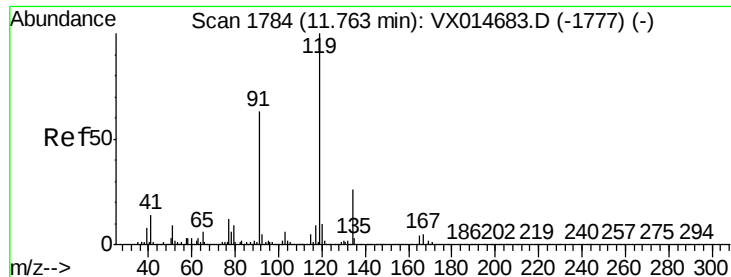
MMDadoda
1/31/2020 10:52:19 AM



#82
4-Chlorotoluene
Concen: 50.065 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4





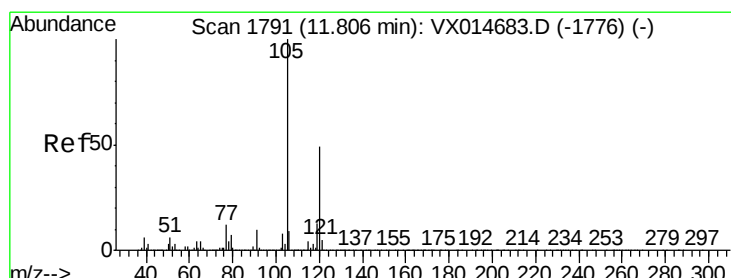
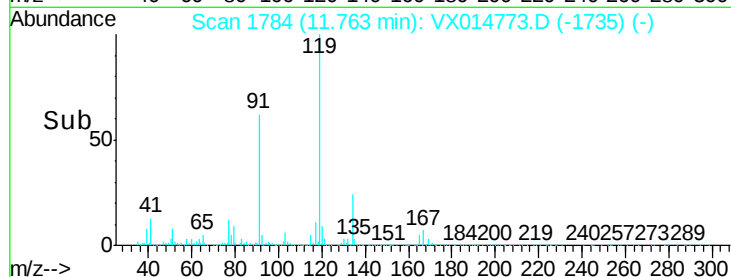
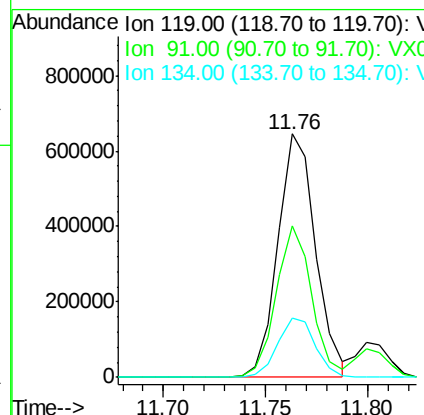
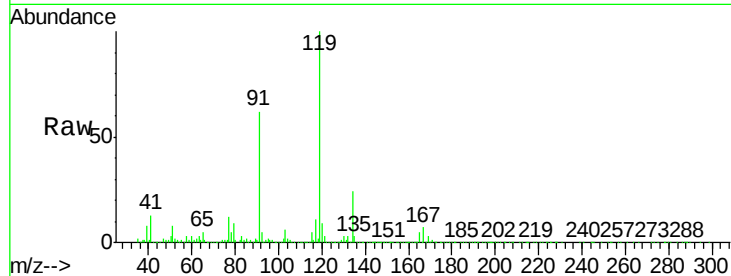
#83
tert-Butylbenzene
Concen: 51.450 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	30.0	90.0
134	24.4	12.7	38.0

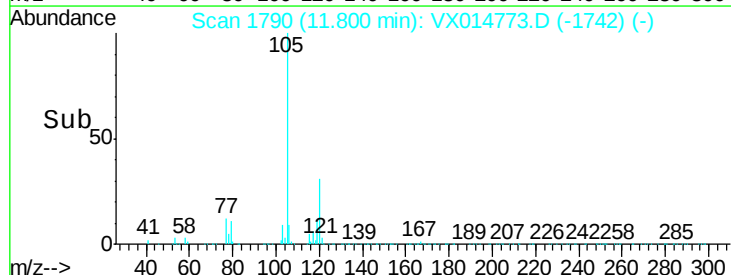
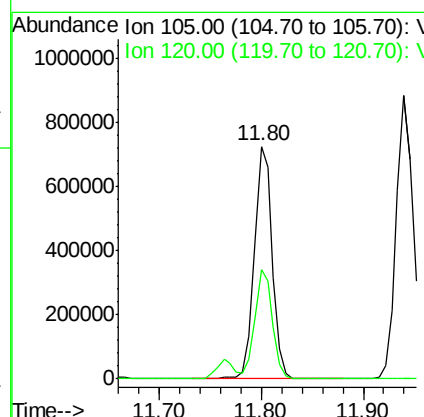
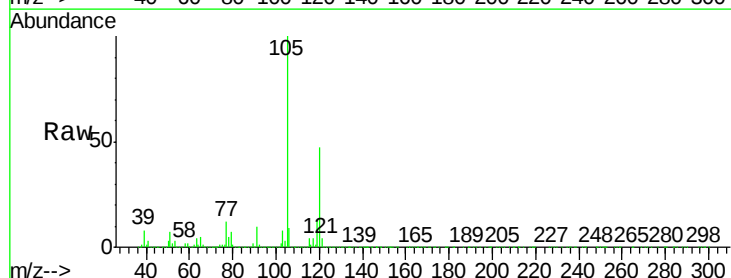
Manual Integrations
APPROVED

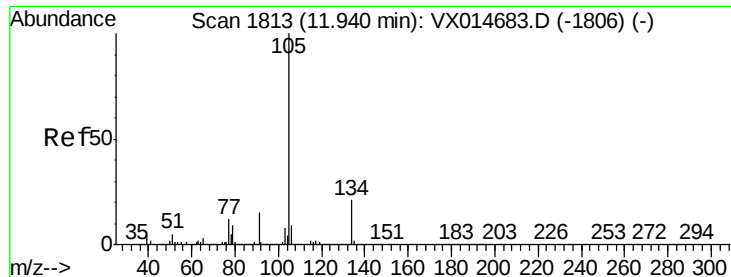
MMDadoda
1/31/2020 10:52:19 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.312 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.0





#85

sec-Butylbenzene

Concen: 51.925 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1028353

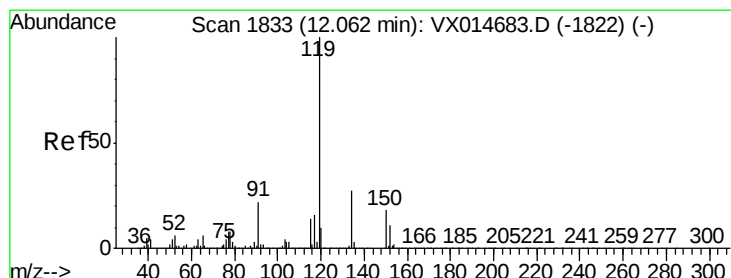
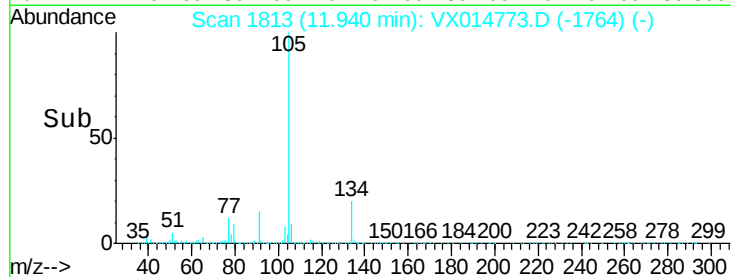
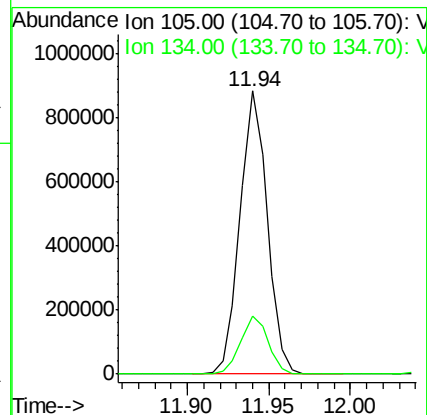
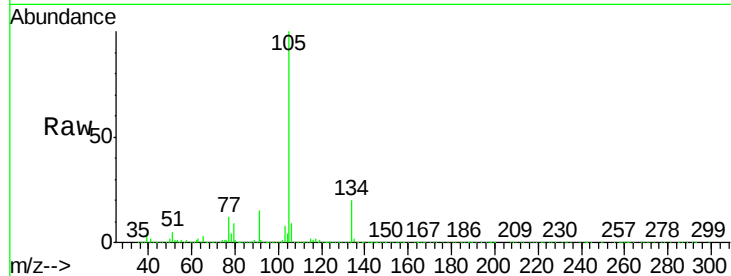
Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#86

p-Isopropyltoluene

Concen: 51.421 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

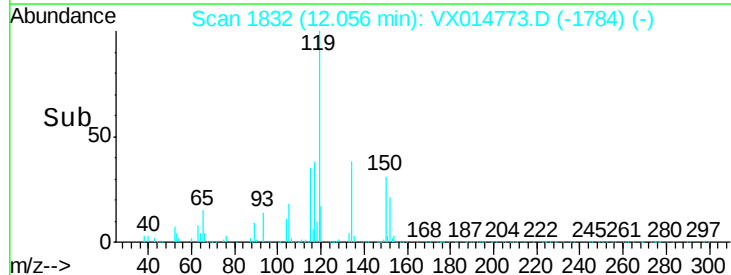
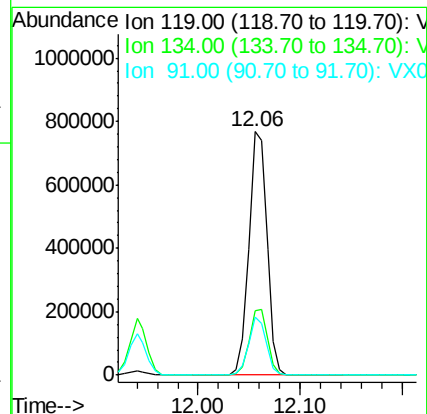
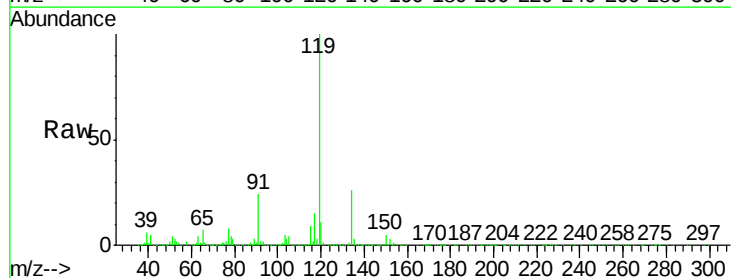
Tgt Ion:119 Resp: 941126

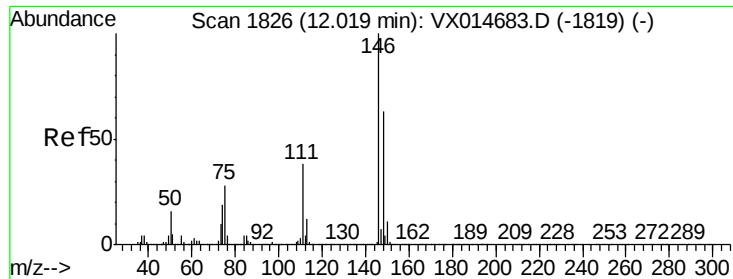
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.249 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

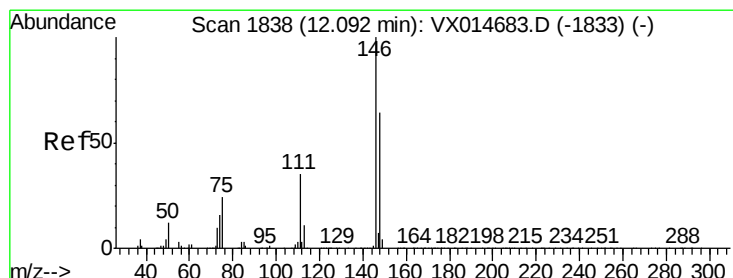
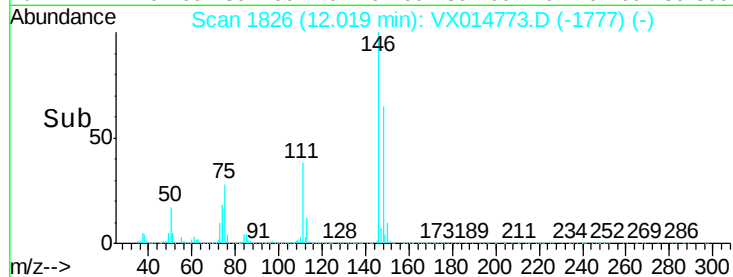
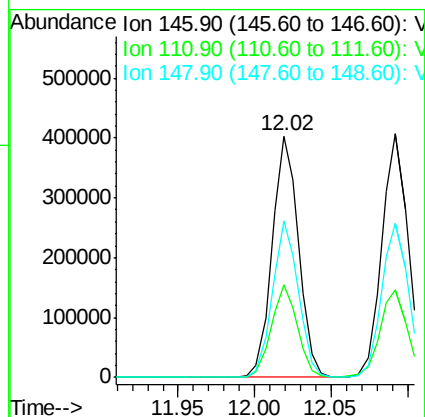
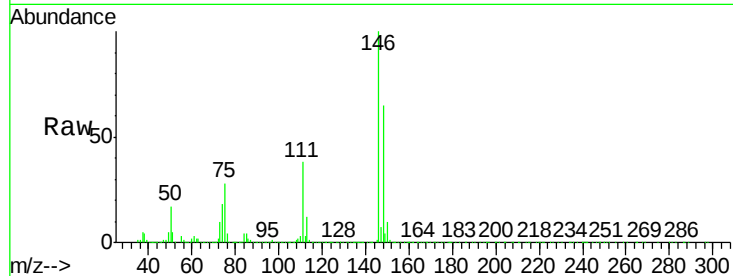
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.8	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#88

1,4-Dichlorobenzene

Concen: 48.113 ug/l

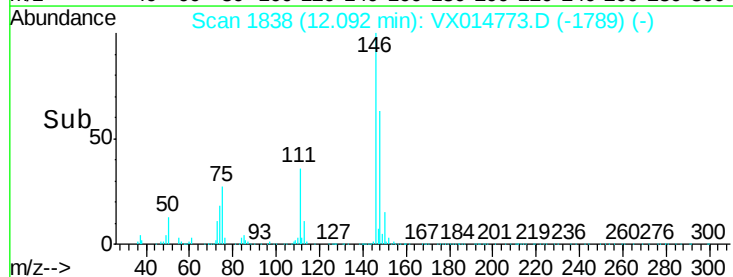
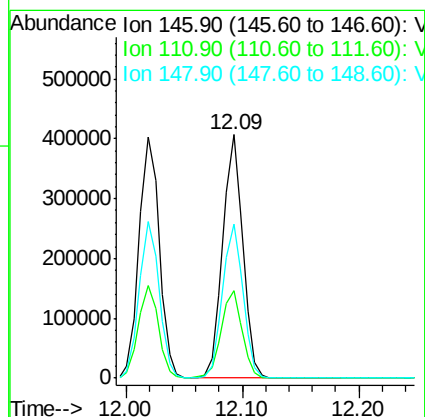
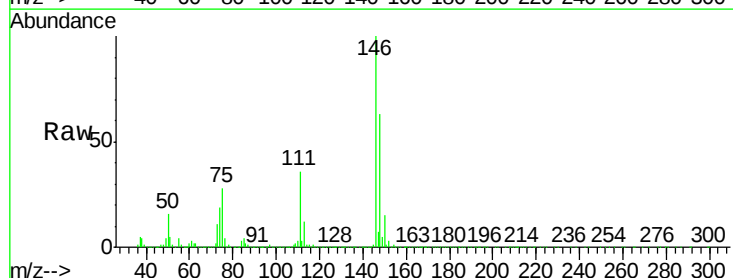
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.4	32.0	96.2





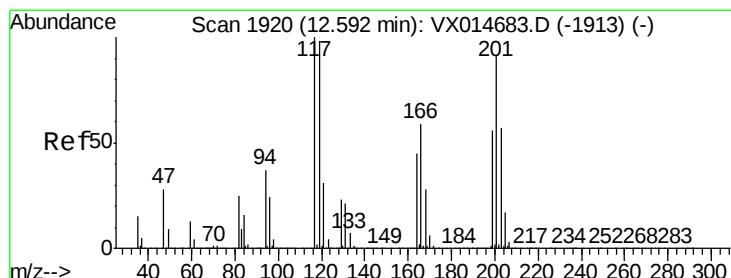
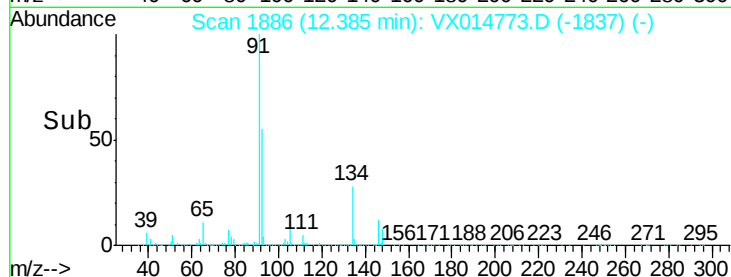
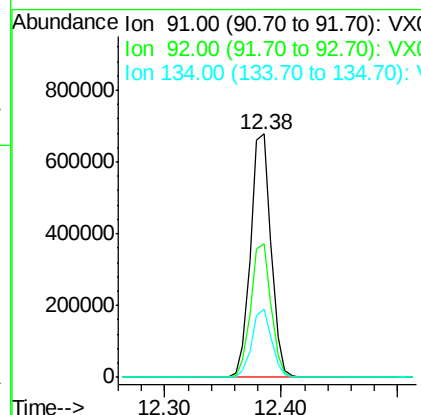
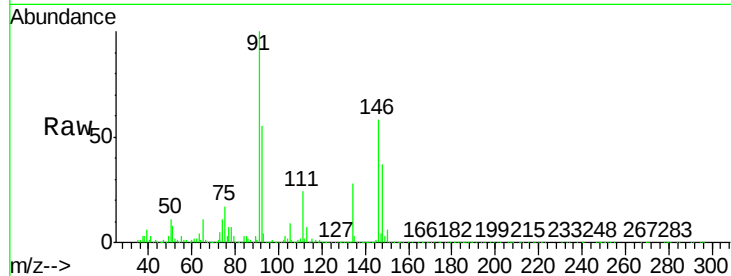
#89
n-Butylbenzene
Concen: 52.275 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	26.9	13.3	39.8

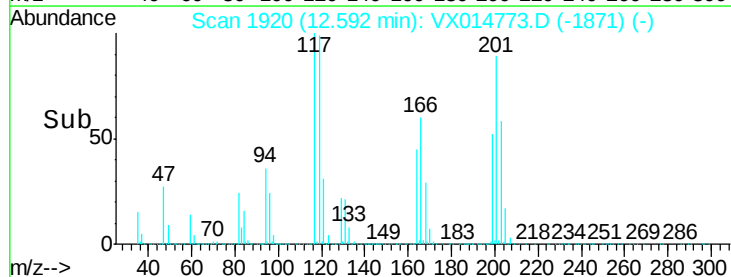
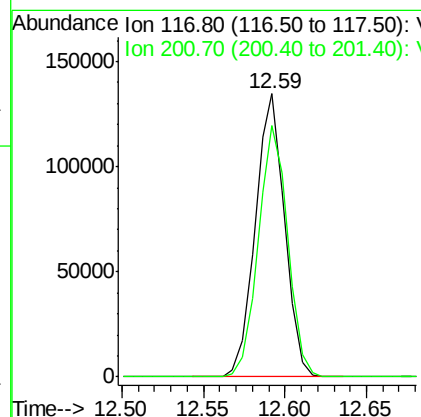
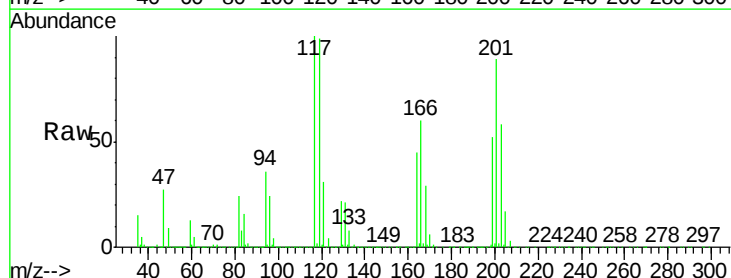
Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#90
Hexachloroethane
Concen: 49.366 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	44.4	133.1





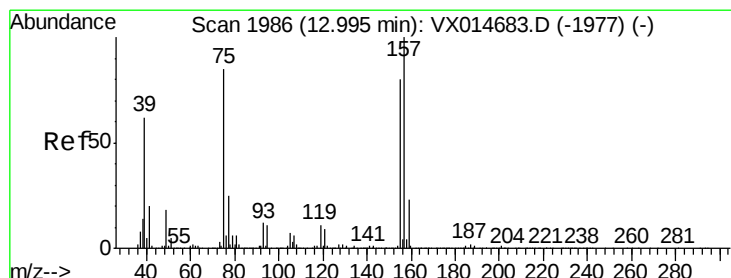
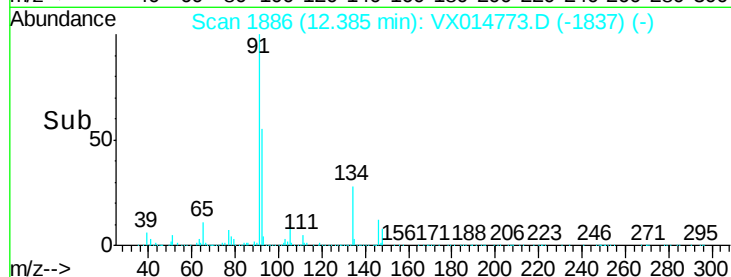
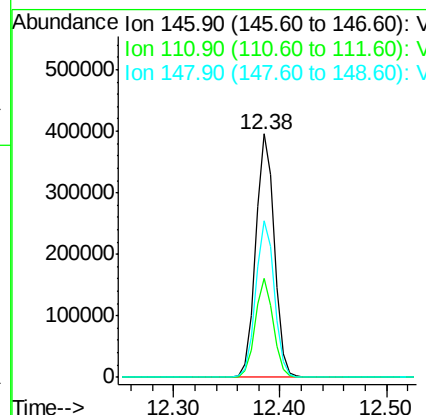
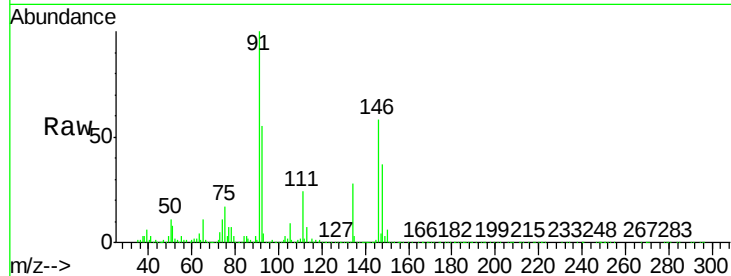
#91
 1,2-Dichlorobenzene
 Concen: 48.636 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	64.4	31.9	95.9

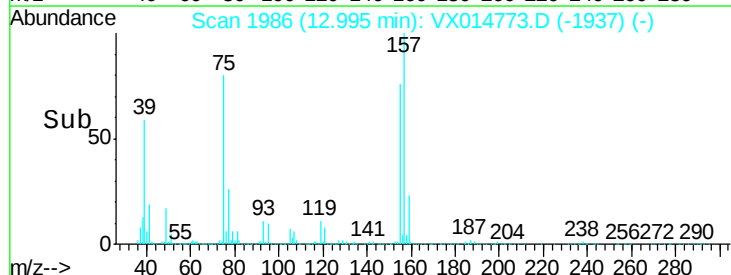
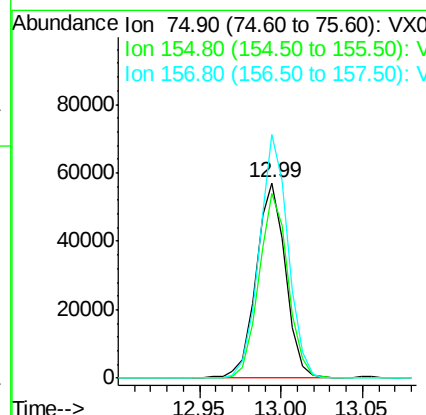
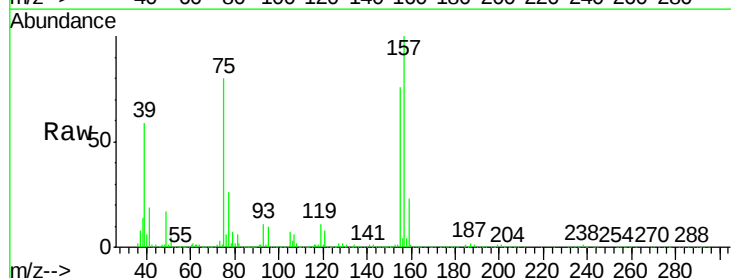
Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.423 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	45.6	136.9
157	123.5	60.3	180.9





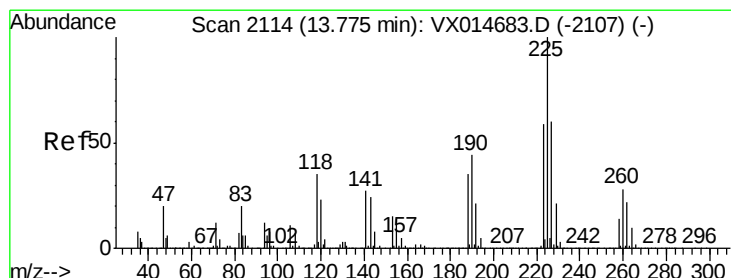
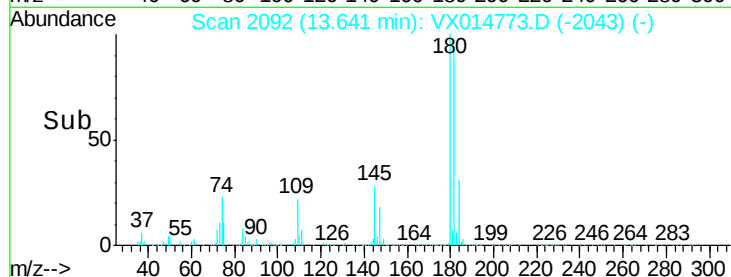
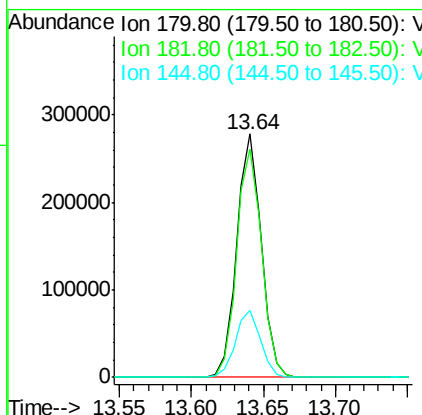
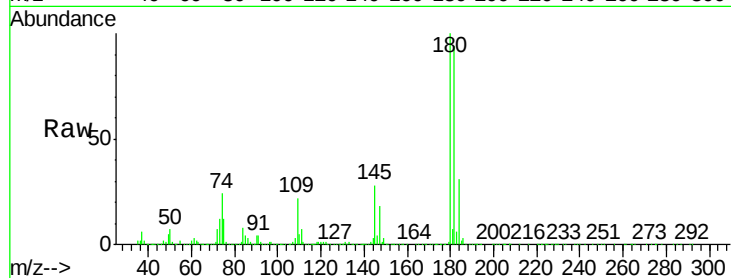
#93
1,2,4-Trichlorobenzene
Concen: 51.555 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	330382		
182	95.4	48.5	145.6	
145	28.3	14.0	41.9	

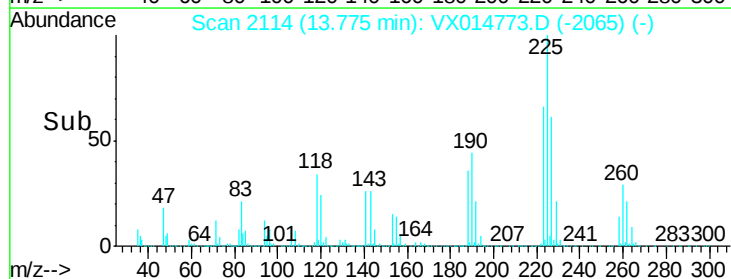
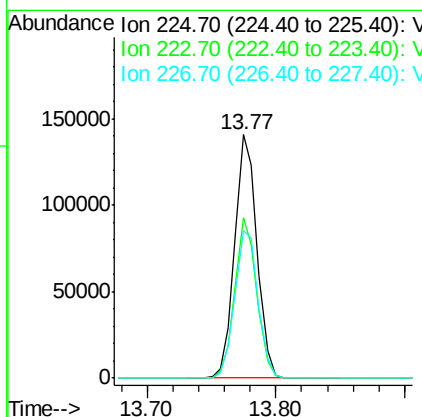
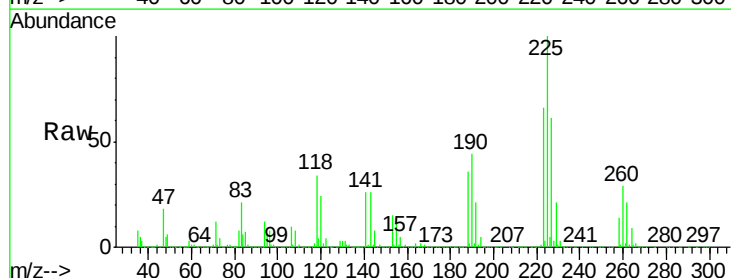
Manual Integrations
APPROVED

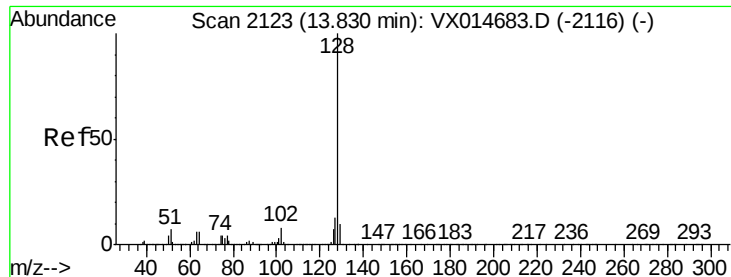
MMDadoda
1/31/2020 10:52:19 AM



#94
Hexachlorobutadiene
Concen: 51.535 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169977		
223	64.7	30.6	91.8	
227	63.5	31.4	94.0	





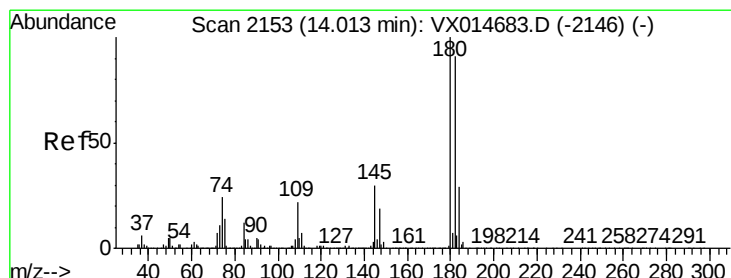
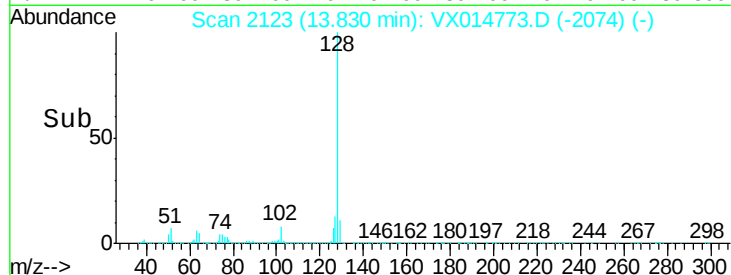
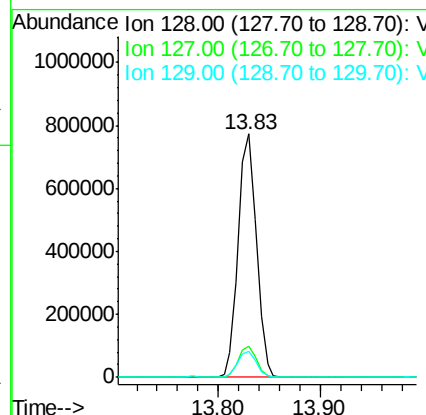
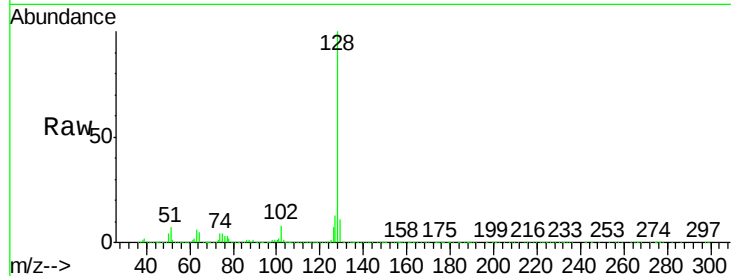
#95
Naphthalene
Concen: 46.148 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.798 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.7
145	29.8	14.7	44.1

