

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022120\
 Data File : VX014986.D
 Acq On : 21 Feb 2020 10:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:28:58 AM

Quant Time: Feb 21 11:07:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	76279	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	425905	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	394550	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	159108	29.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.80%
60) 4-Bromofluorobenzene	11.13	95	183581	29.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.30%
63) Toluene-d8	8.71	98	504670	28.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	333865	69.034	ug/l 97
3) Chloromethane	1.32	50	433493	79.705	ug/l 97
4) Vinyl Chloride	1.41	62	480289	79.142	ug/l 99
5) Bromomethane	1.64	94	348779	87.987	ug/l 100
6) Chloroethane	1.72	64	315462	89.563	ug/l 99
7) Trichlorofluoromethane	1.93	101	696842	98.090	ug/l 97
8) Diethyl Ether	2.18	74	302599	98.007	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	404604	97.754	ug/l 100
10) 1,1-Dichloroethene	2.37	96	414878	99.497	ug/l 99
11) Methyl Iodide	2.51	142	573045	104.970	ug/l 99
12) Methyl Acetate	2.76	43	520804	73.697	ug/l 100
13) Acrolein	2.29	56	514700	620.306	ug/l 100
14) Acrylonitrile	3.14	53	1183600	470.688	ug/l 100
15) Acetone	2.44	58	412060	478.890	ug/l 98
16) Carbon Disulfide	2.57	76	1131701	99.387	ug/l 99
17) Allyl chloride	2.72	41	737853	96.697	ug/l 99
18) Methylene Chloride	2.85	84	465607	95.695	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	456138	101.234	ug/l 99
20) Diisopropyl ether	3.84	45	1458687	95.869	ug/l 99
21) 1,1-Dichloroethane	3.69	63	805477	97.638	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	522987	100.593	ug/l 97
23) tert-Butyl Alcohol	3.03	59	469096m	450.426	ug/l
24) Methyl tert-Butyl Ether	3.19	73	1391565	100.445	ug/l 98
25) Chloroform	5.20	83	804480	99.572	ug/l 98
26) Cyclohexane	5.58	56	730398	96.274	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	621953	100.983	ug/l 98
30) 2-Butanone	4.65	43	1794748	466.894	ug/l 99
31) 2,2-Dichloropropane	4.58	77	684335	103.130	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	704746	102.761	ug/l 98
33) Carbon Tetrachloride	5.78	117	615636	104.044	ug/l 93
34) Benzene	6.14	78	1851835	97.816	ug/l 98
35) Methacrylonitrile	5.03	41	367910	96.289	ug/l 97
36) 1,2-Dichloroethane	6.19	62	647313	97.874	ug/l 99
37) Trichloroethene	7.21	130	527054	101.551	ug/l 96
38) Methylcyclohexane	7.46	83	780261	102.054	ug/l 99
39) 1,2-Dichloropropane	7.51	63	480838	97.849	ug/l 98
40) Dibromomethane	7.65	93	318408	99.483	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022120\
 Data File : VX014986.D
 Acq On : 21 Feb 2020 10:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:28:58 AM

Quant Time: Feb 21 11:07:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	652689	104.221	ug/l	99
42) Vinyl Acetate	3.81	43	6421222	529.147	ug/l	99
43) Ethyl Acetate	4.82	43	660751	95.392	ug/l	97
44) Isopropyl Acetate	6.44	43	1108989	98.320	ug/l	98
45) 1,4-Dioxane	7.73	88	201591	1819.703	ug/l	98
46) Methyl methacrylate	7.76	41	559455	100.990	ug/l	99
47) n-amyl Acetate	10.89	43	1009233	105.658	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	741631	108.504	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	809110	105.289	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	476366	98.485	ug/l	98
51) Ethyl methacrylate	9.17	69	777291	103.203	ug/l	98
52) 1,3-Dichloropropane	9.37	76	803618	98.061	ug/l	100
53) Dibromochloromethane	9.58	129	539606	107.688	ug/l	100
54) 1,2-Dibromoethane	9.67	107	510995	101.921	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1984023	556.628	ug/l	100
56) Bromoform	10.85	173	430833	111.601	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	3330661	463.919	ug/l	99
59) 2-Hexanone	9.48	43	2614380	468.838	ug/l	99
61) Tetrachloroethene	9.33	164	522555	91.608	ug/l	99
62) Toluene	8.78	91	2031911	98.314	ug/l	99
64) Chlorobenzene	10.14	112	1304597	100.811	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	492250	102.898	ug/l	99
66) Ethyl Benzene	10.25	91	2293273	101.520	ug/l	98
67) m/p-Xylenes	10.36	106	1772612	204.975	ug/l	97
68) o-Xylene	10.70	106	854394	101.526	ug/l	99
69) Styrene	10.71	104	1488686	104.309	ug/l	99
70) Isopropylbenzene	11.01	105	2253206	101.702	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	724575	98.197	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	597523m	92.538	ug/l	
73) Bromobenzene	11.25	156	608439	103.267	ug/l	97
74) n-propylbenzene	11.35	91	2607634	102.899	ug/l	99
75) 2-Chlorotoluene	11.42	91	1523428	100.475	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1918383	103.837	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	267569	109.622	ug/l	94
78) 4-Chlorotoluene	11.51	91	1788990	103.800	ug/l	99
79) tert-butylbenzene	11.76	119	1867181	107.413	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1911493	103.996	ug/l	100
81) sec-Butylbenzene	11.94	105	2216671	103.358	ug/l	98
82) p-Isopropyltoluene	12.06	119	2094514	106.852	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1084321	105.607	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	1096384	106.756	ug/l	98
85) n-Butylbenzene	12.39	91	1890932	110.213	ug/l	100
86) Hexachloroethane	12.59	117	385393	110.060	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	1073673	103.770	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	162333	102.723	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	808082	116.431	ug/l	99
90) Hexachlorobutadiene	13.78	225	392878	113.549	ug/l	95
91) Naphthalene	13.83	128	2322995	112.075	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	790399	112.294	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
Data File : VX014986.D
Acq On : 21 Feb 2020 10:21
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

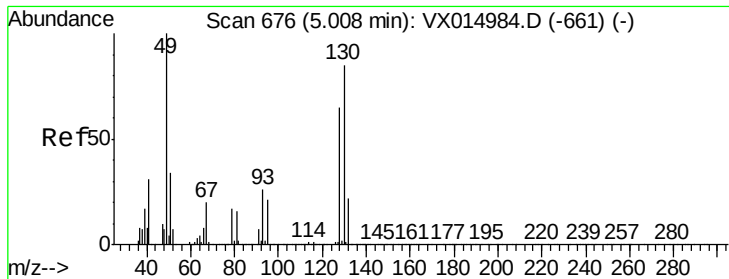
Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM

Quant Time: Feb 21 11:07:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 21 10:51:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

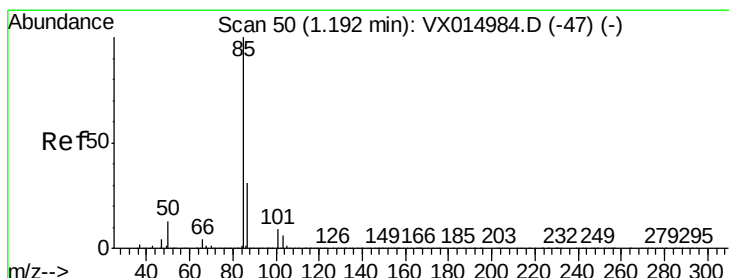
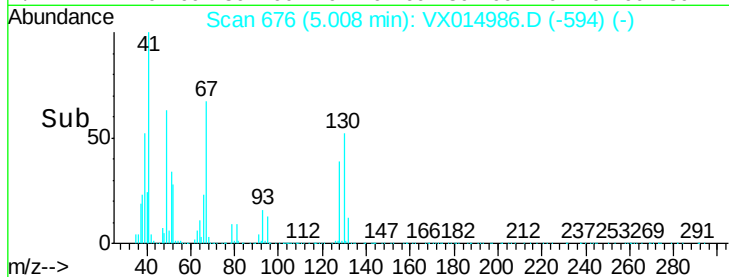
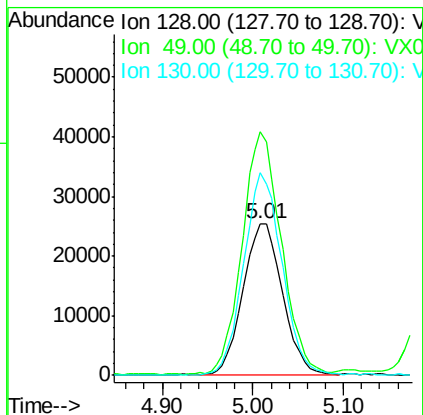
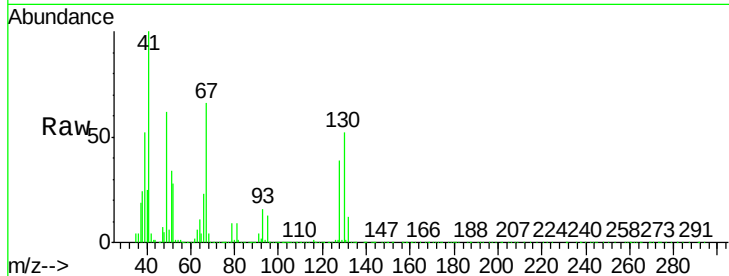
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.6	0.0	384.7
130	129.8	0.0	330.8

Manual Integrations
 APPROVED

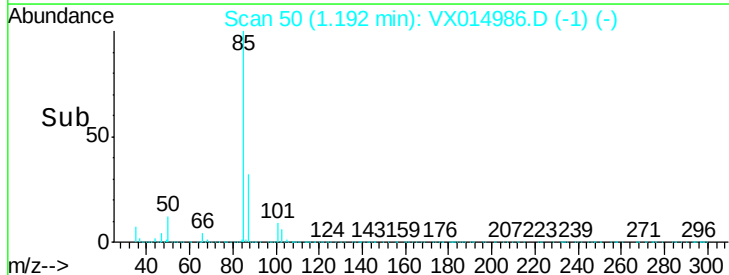
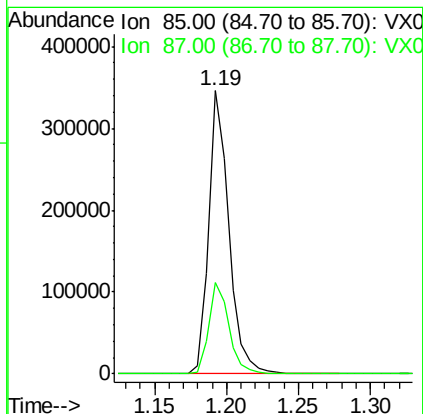
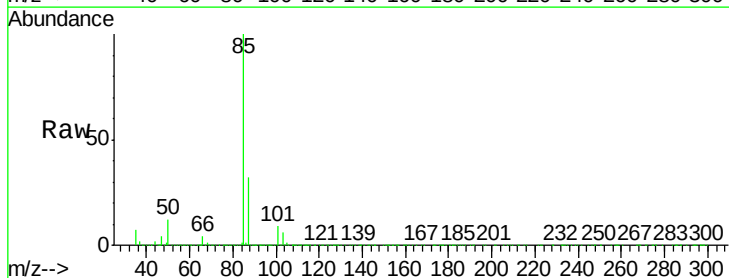
MMDadoda
 2/24/2020 11:28:58 AM

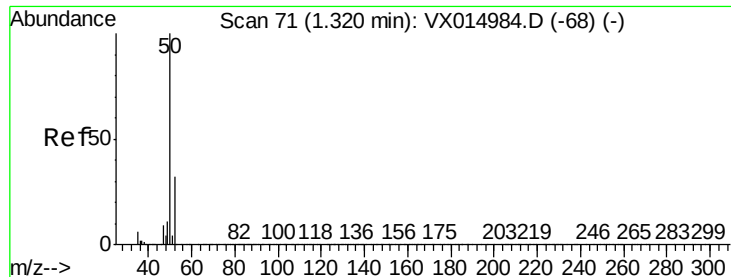


#2

Dichlorodifluoromethane
 Concen: 69.034 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.3	45.9





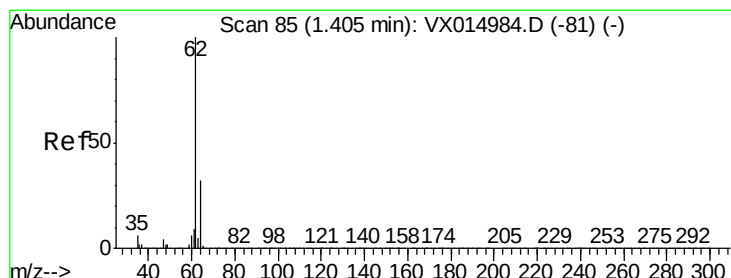
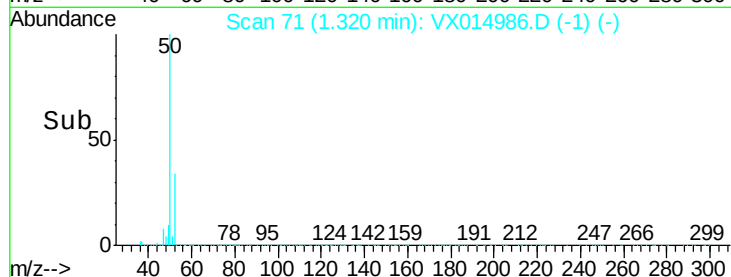
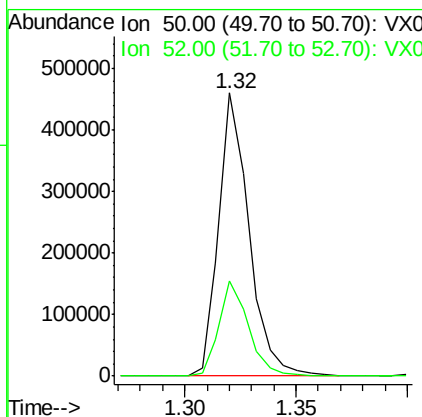
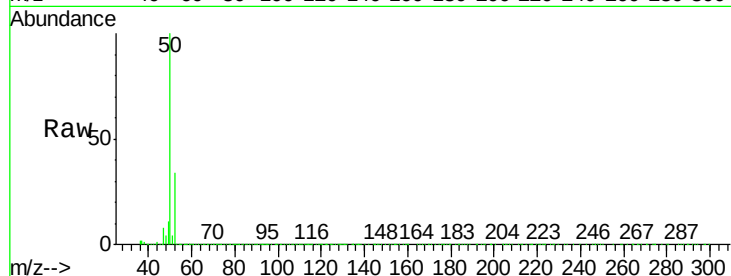
#3
Chloromethane
Concen: 79.705 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.6	25.4	38.0

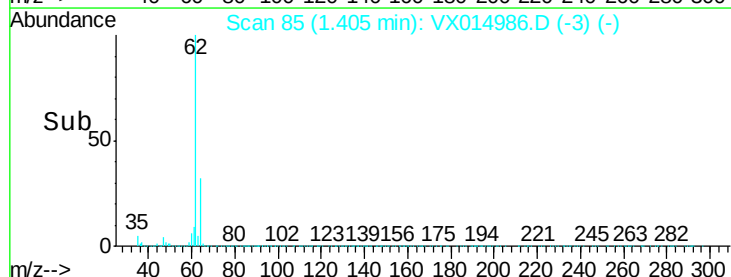
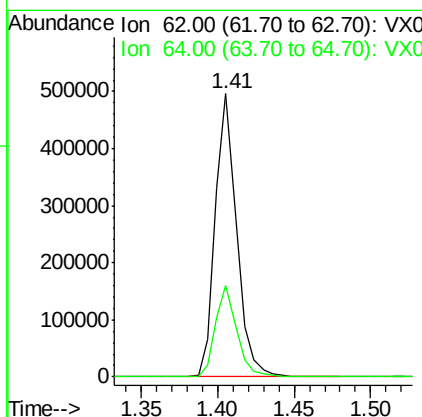
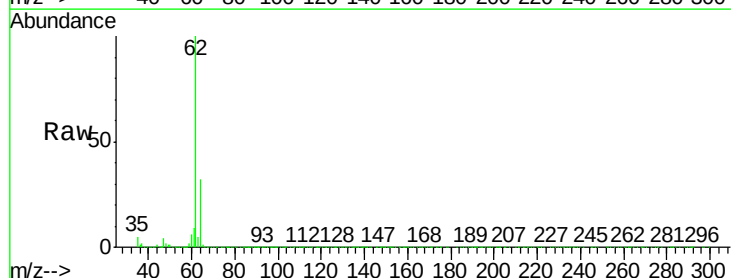
Manual Integrations
APPROVED

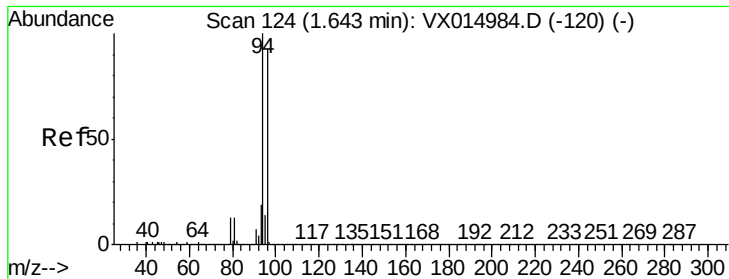
MMDadoda
2/24/2020 11:28:58 AM



#4
Vinyl Chloride
Concen: 79.142 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.4	38.0





#5

Bromomethane

Concen: 87.987 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 348779

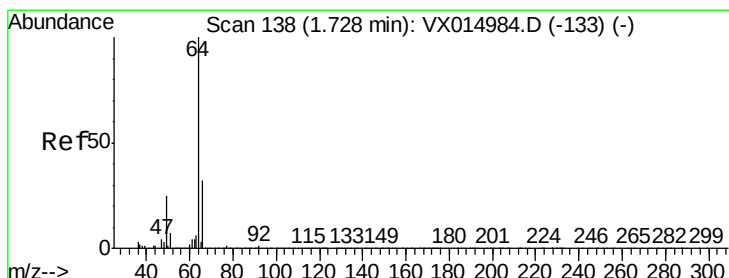
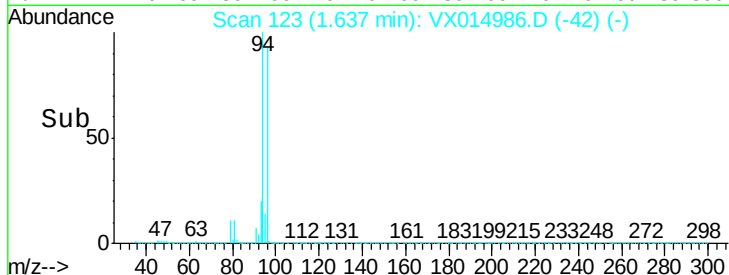
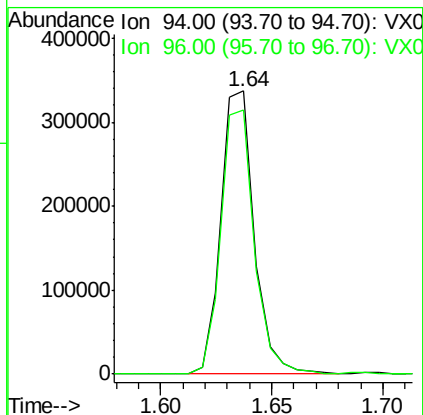
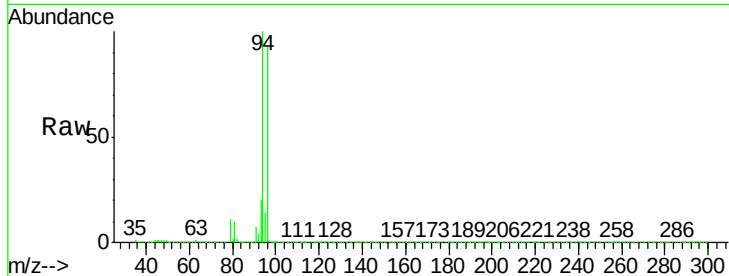
Ion Ratio Lower Upper

94 100

96 93.3 74.6 112.0

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#6

Chloroethane

Concen: 89.563 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014986.D

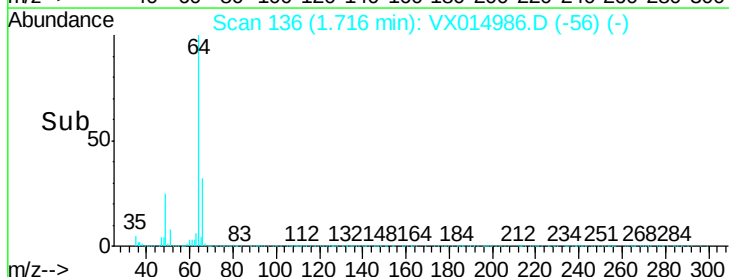
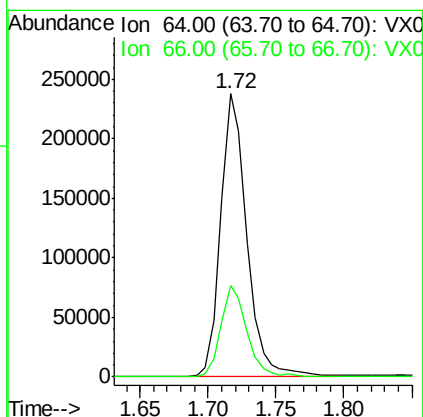
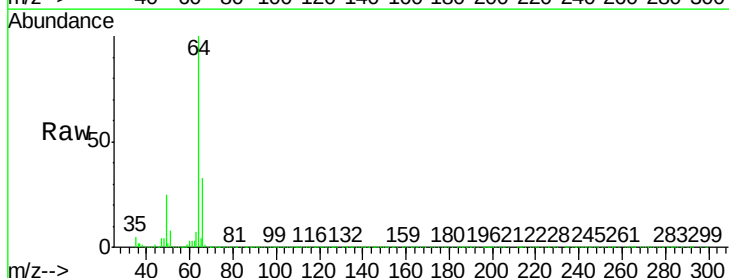
Acq: 21 Feb 2020 10:21

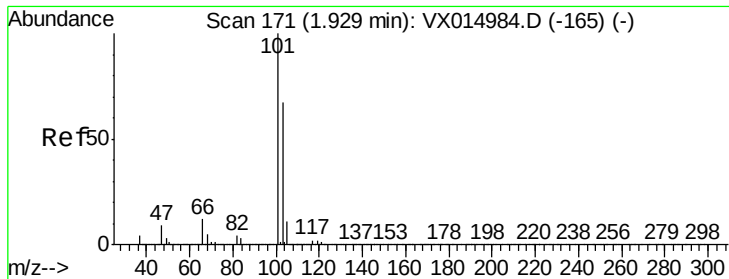
Tgt Ion: 64 Resp: 315462

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6





#7

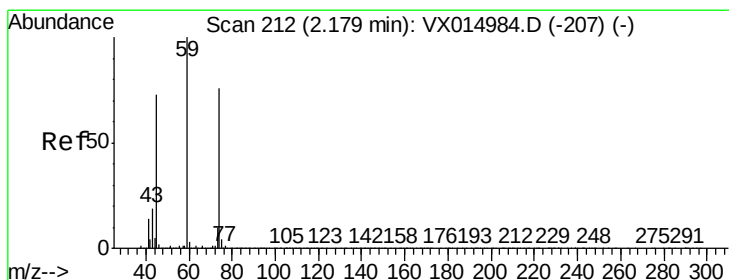
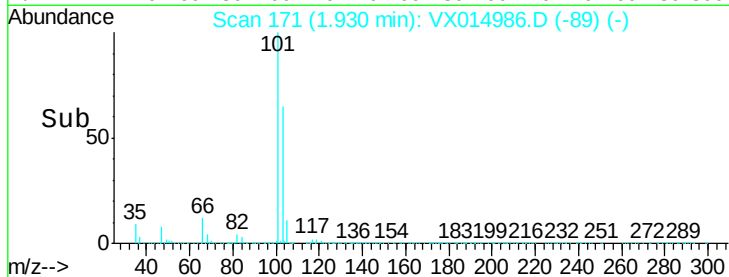
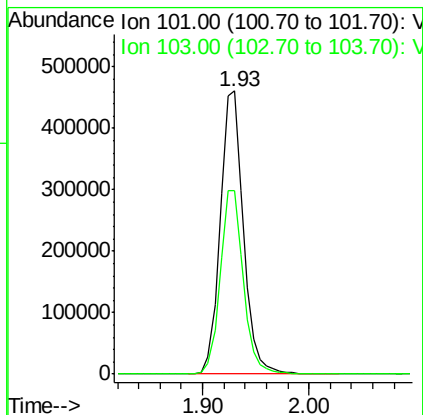
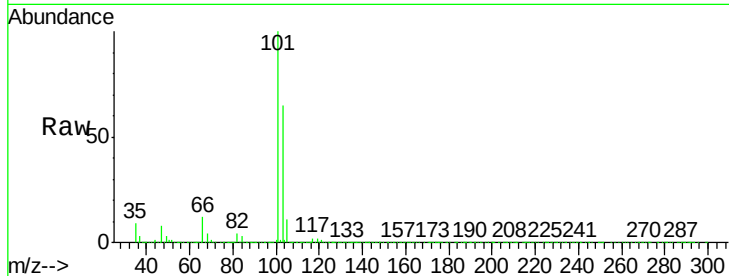
Trichlorofluoromethane
Concen: 98.090 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.4	80.2

Manual Integrations
APPROVED

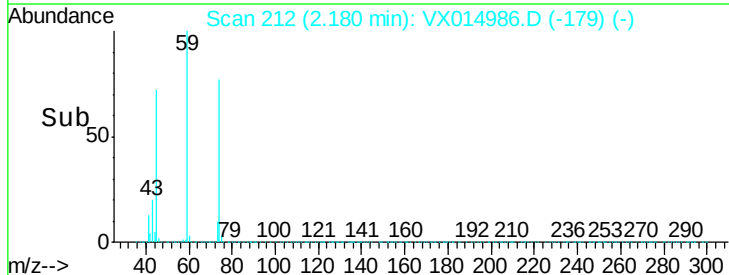
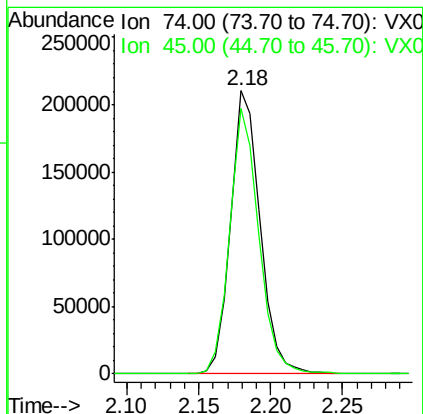
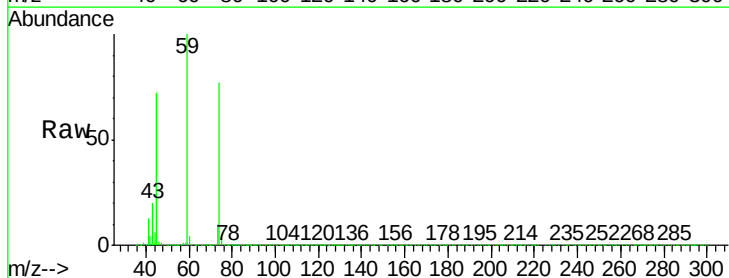
MMDadoda
2/24/2020 11:28:58 AM

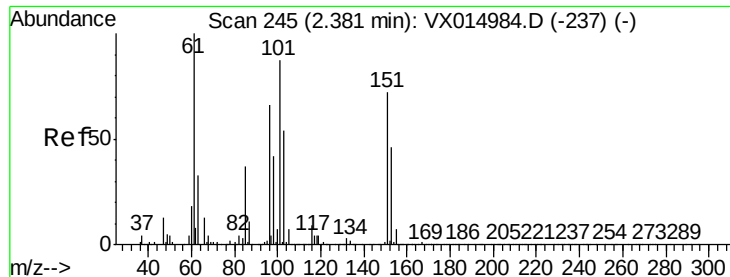


#8

Diethyl Ether
Concen: 98.007 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.754 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

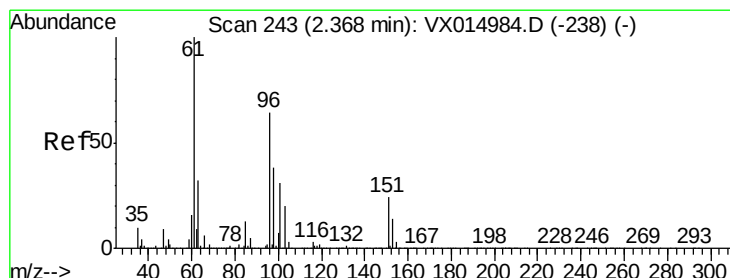
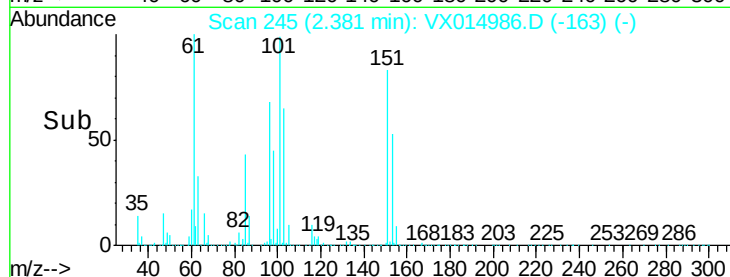
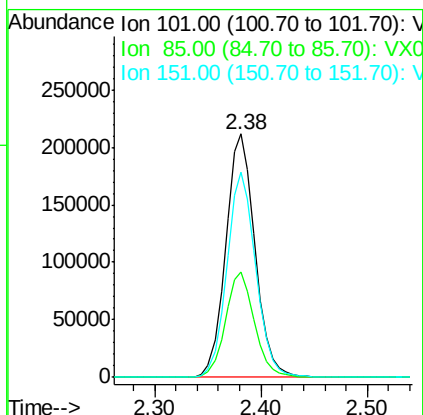
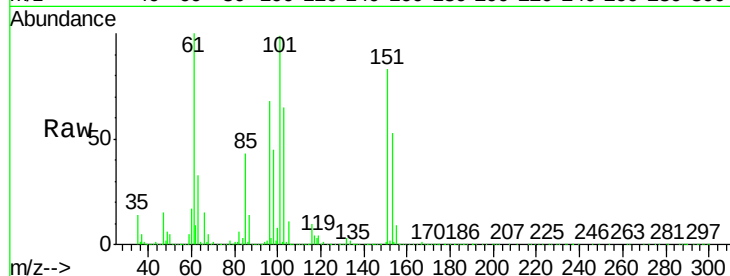
ClientSampleId :

VSTDICC100

Tot Ion:	101	Resp:	404604
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	86.6
151	83.9	0.0	167.4

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#10

1,1-Dichloroethene

Concen: 99.497 ug/l

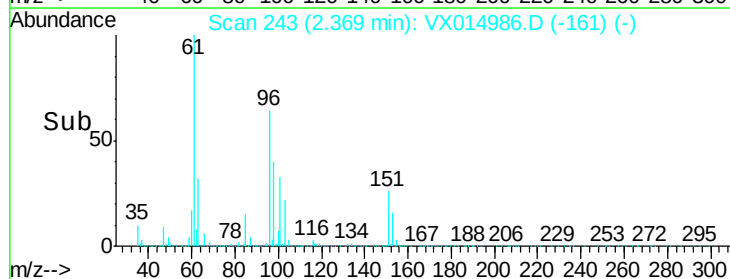
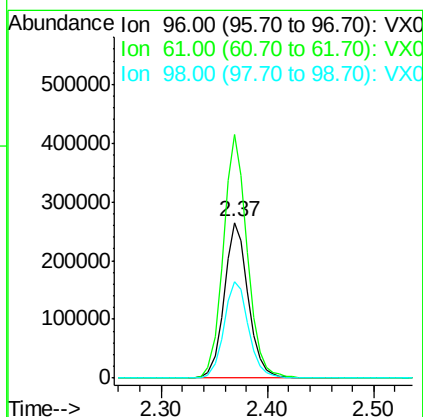
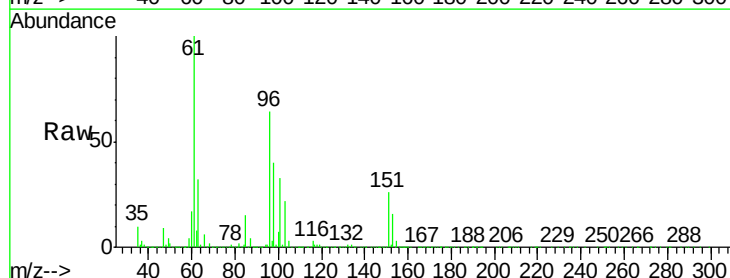
RT: 2.37 min Scan# 243

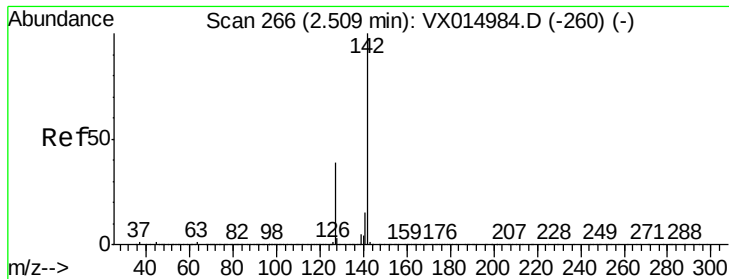
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion:	96	Resp:	414878
Ion Ratio	Lower	Upper	
96	100		
61	156.8	126.1	189.1
98	62.4	48.2	72.2





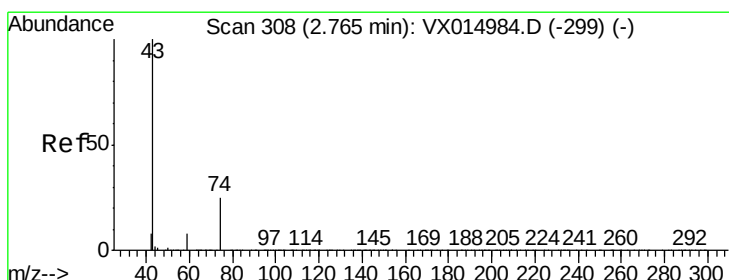
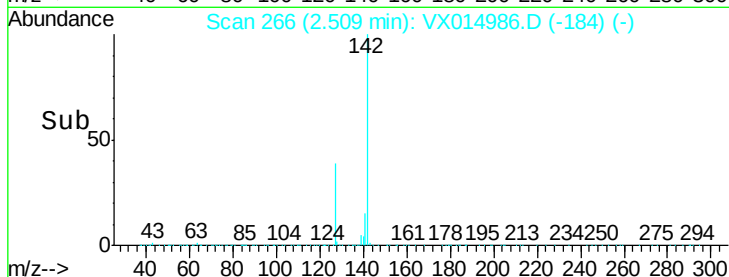
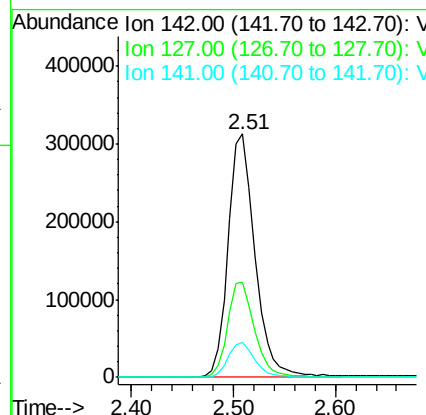
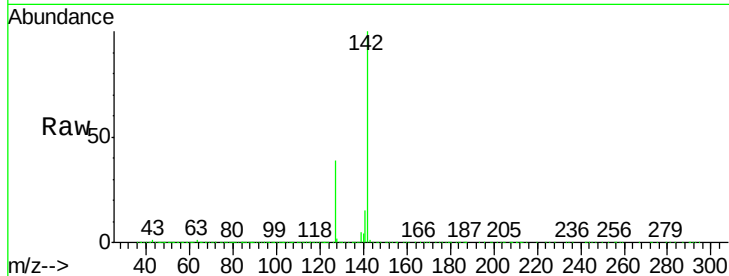
#11
Methvl Iodide
Concen: 104.970 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.0	19.7	59.0
141	14.5	7.4	22.2

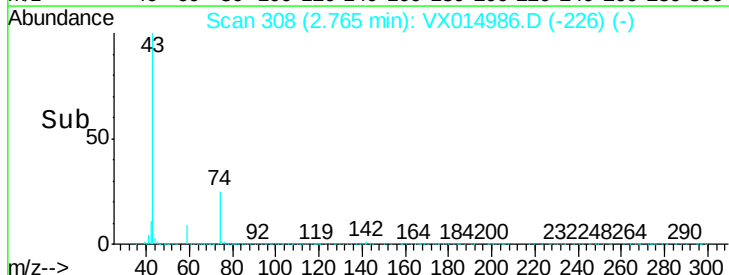
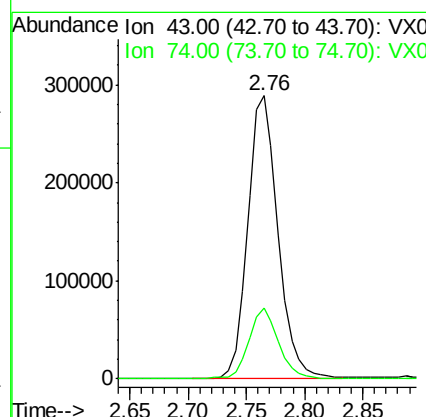
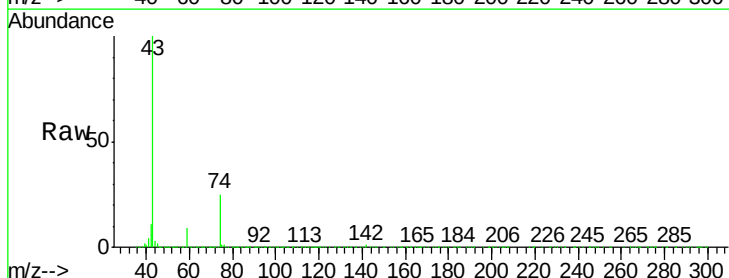
Manual Integrations
APPROVED

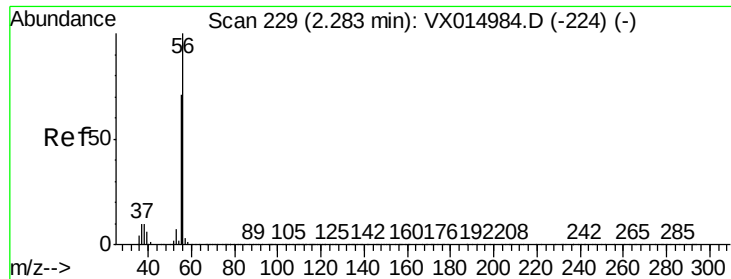
MMDadoda
2/24/2020 11:28:58 AM



#12
Methyl Acetate
Concen: 73.697 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.8	29.8





#13

Acrolein

Concen: 620.306 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 514700

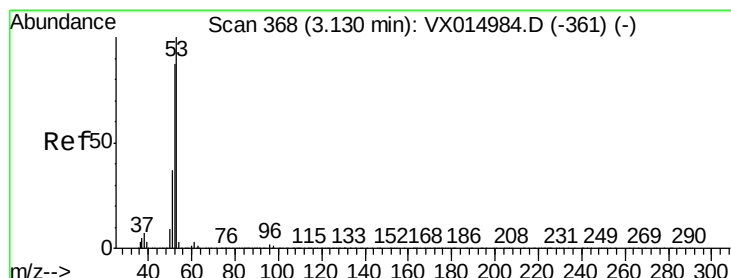
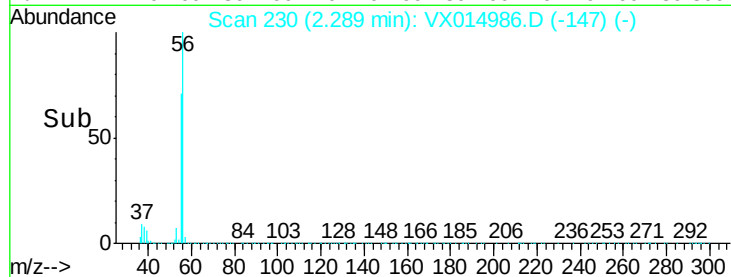
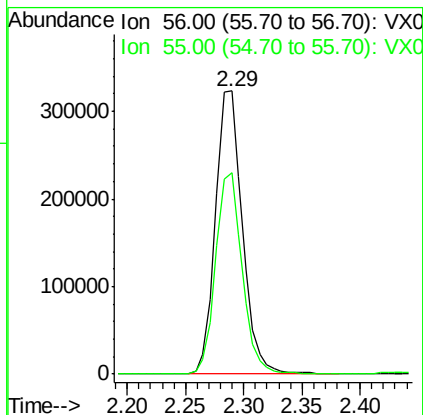
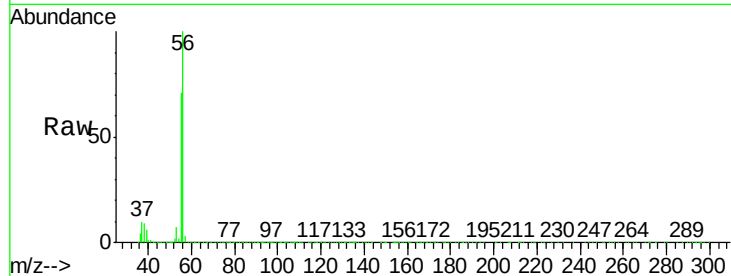
Ion Ratio Lower Upper

56 100

55 69.9 56.2 84.2

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#14

Acrylonitrile

Concen: 470.688 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

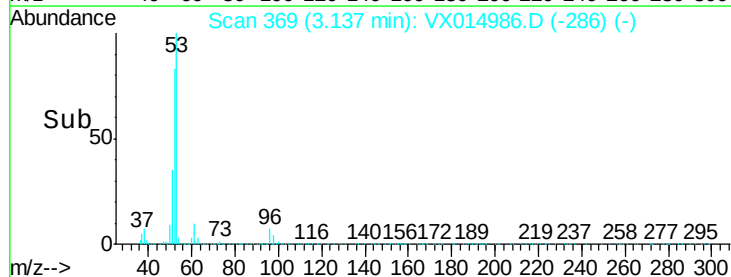
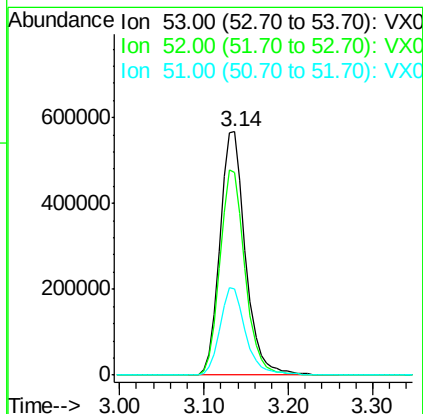
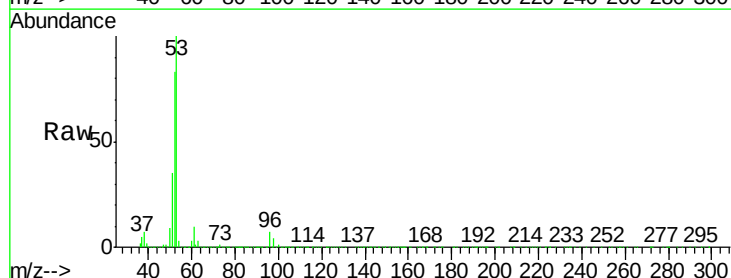
Tgt Ion: 53 Resp: 1183600

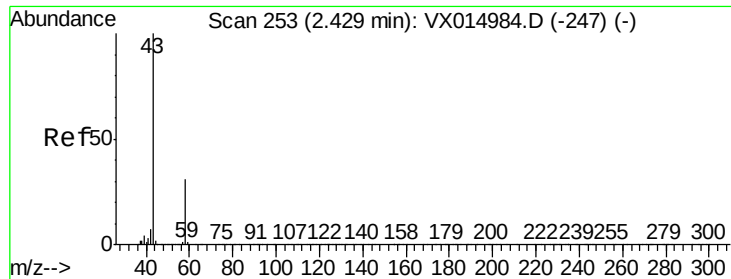
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.6

51 36.0 18.1 54.4





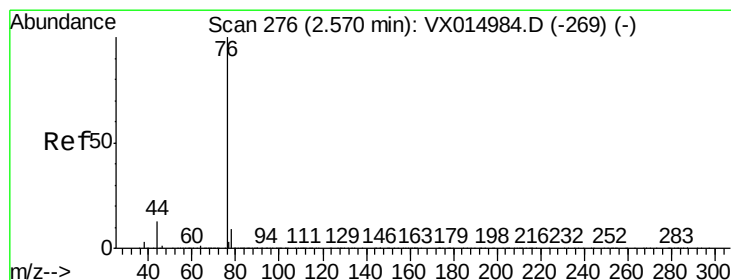
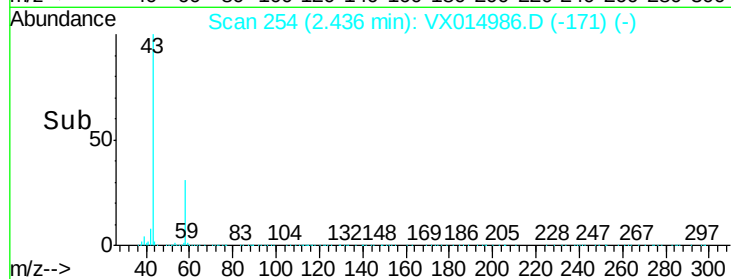
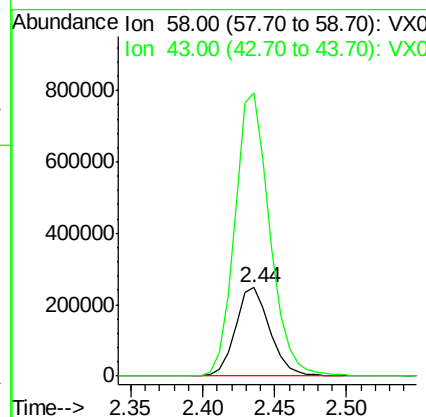
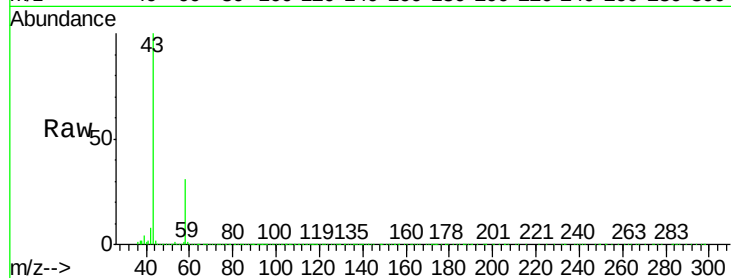
#15
Acetone
Concen: 478.890 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
58	100		
43	318.7	257.7	386.5

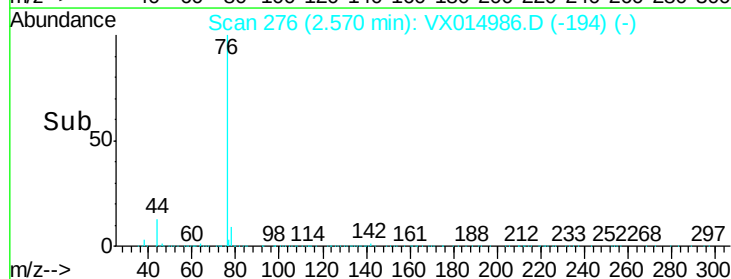
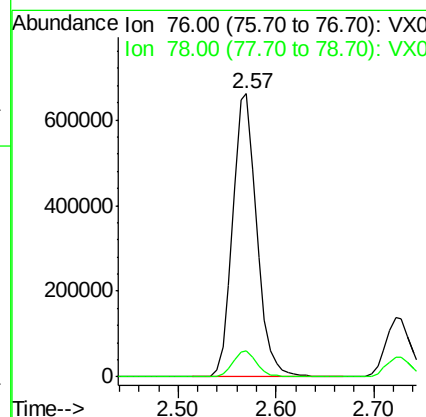
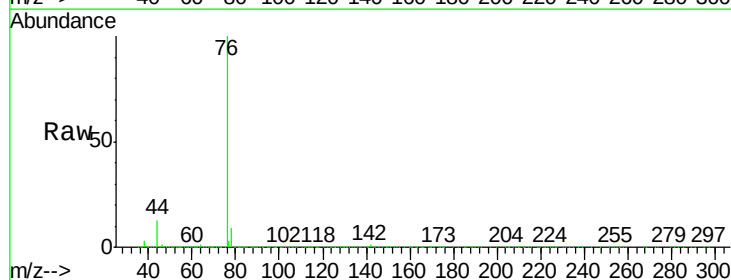
Manual Integrations
APPROVED

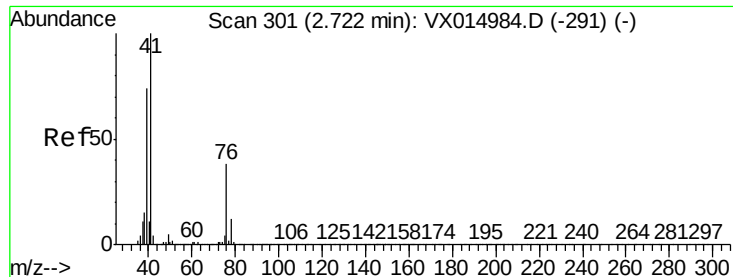
MMDadoda
2/24/2020 11:28:58 AM



#16
Carbon Disulfide
Concen: 99.387 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7





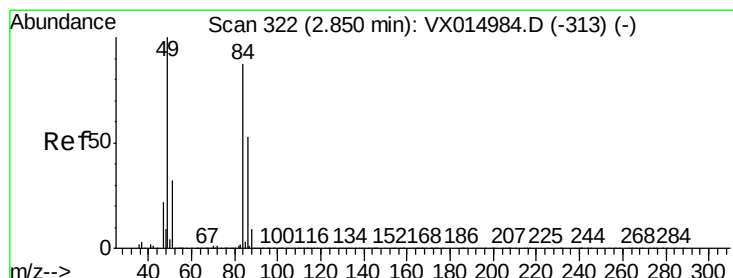
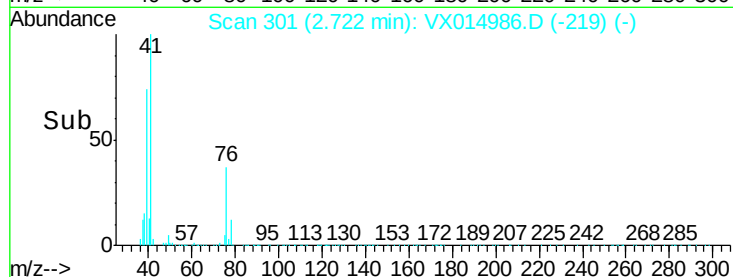
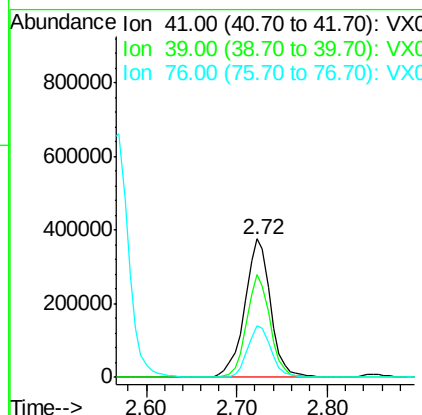
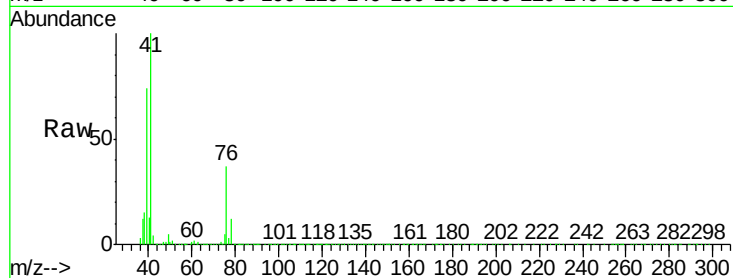
#17
Allvl chloride
Concen: 96.697 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.9	37.1	111.5
76	37.0	18.8	56.4

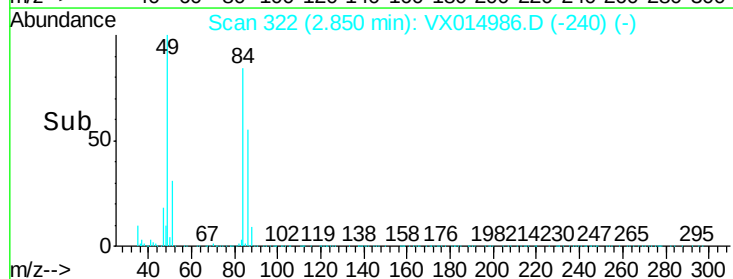
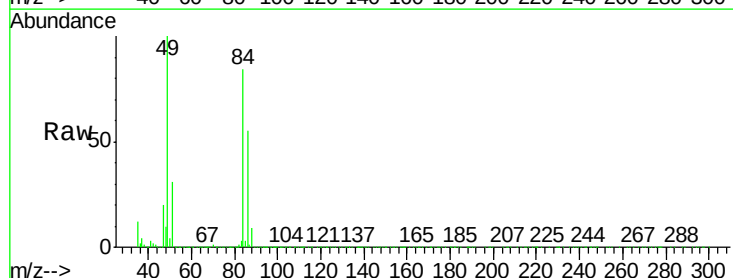
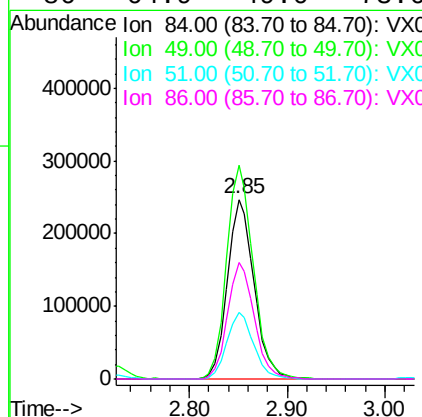
Manual Integrations
APPROVED

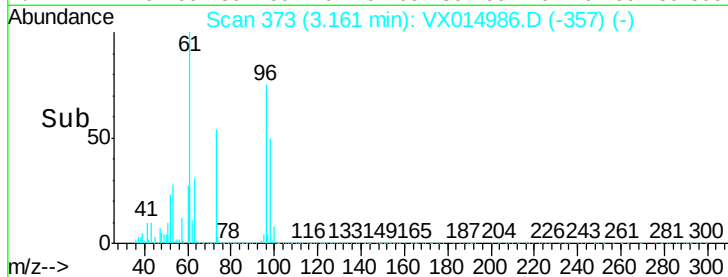
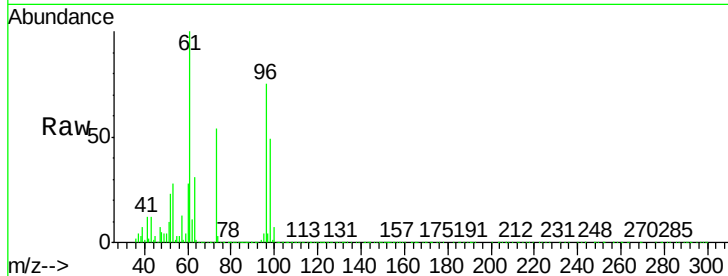
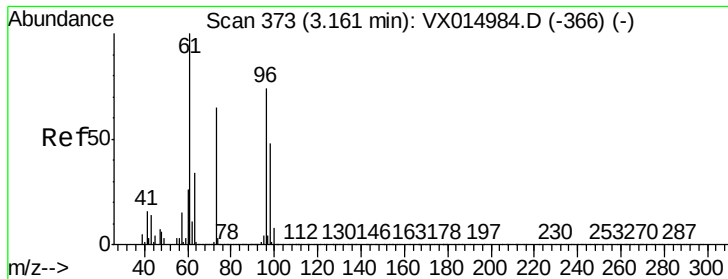
MMDadoda
2/24/2020 11:28:58 AM



#18
Methylene Chloride
Concen: 95.695 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	92.2	138.2
51	37.0	29.7	44.5
86	64.9	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 101.234 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014986.D

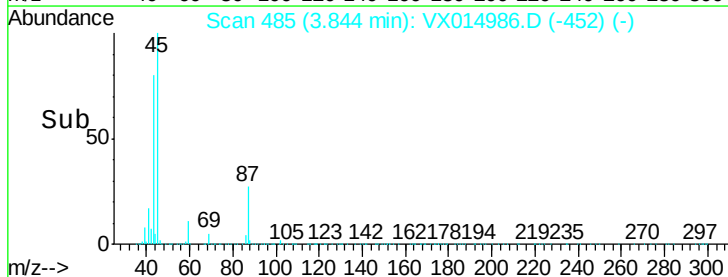
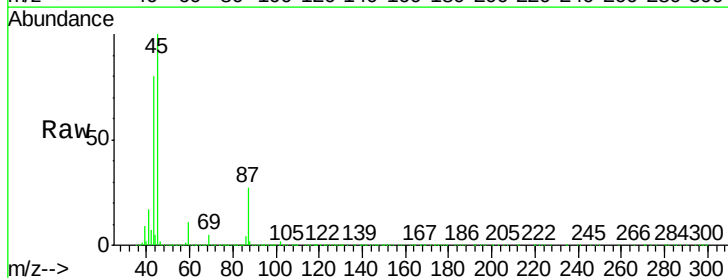
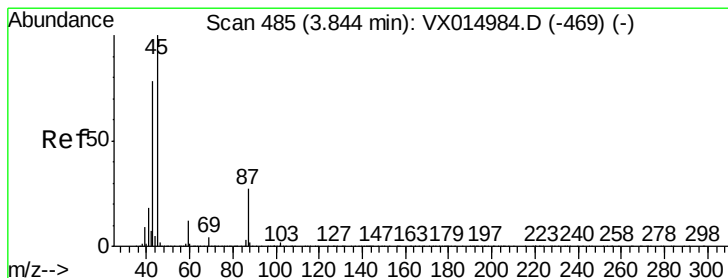
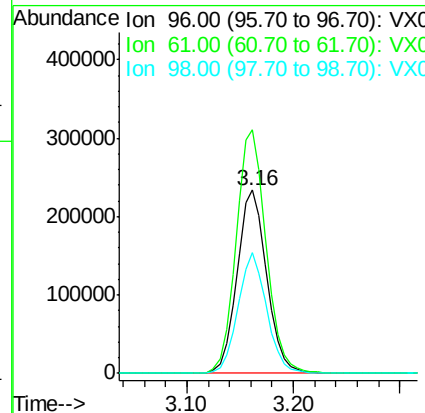
Acq: 21 Feb 2020 10:21

Tot Ion:	96	Resp:	456138
Ion Ratio	Lower	Upper	
96	100		
61	133.0	107.1	160.7
98	65.8	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#20

Diisopropyl ether

Concen: 95.869 ug/l

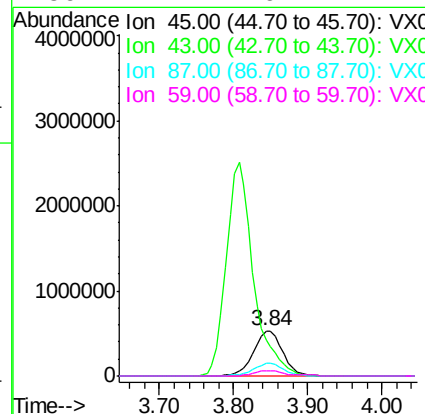
RT: 3.84 min Scan# 485

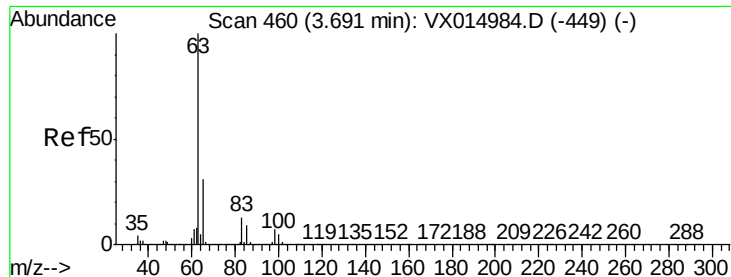
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion:	45	Resp:	1458687
Ion Ratio	Lower	Upper	
45	100		
43	79.5	62.3	93.5
87	27.1	21.8	32.6
59	11.2	9.4	14.2





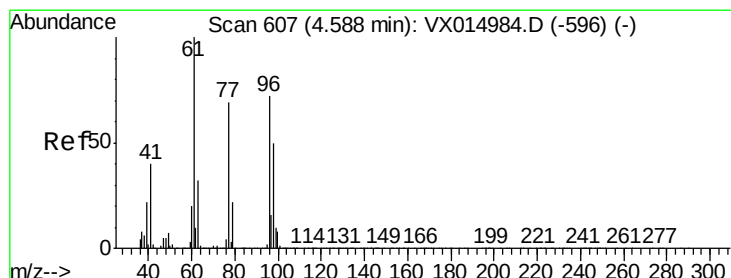
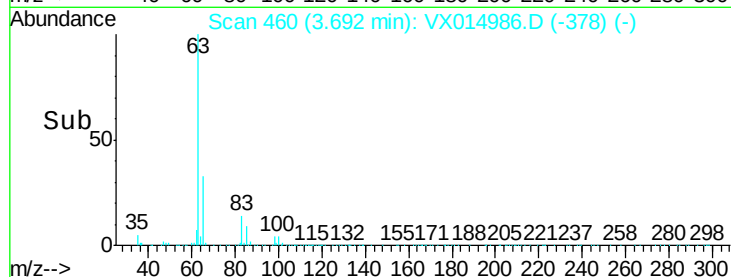
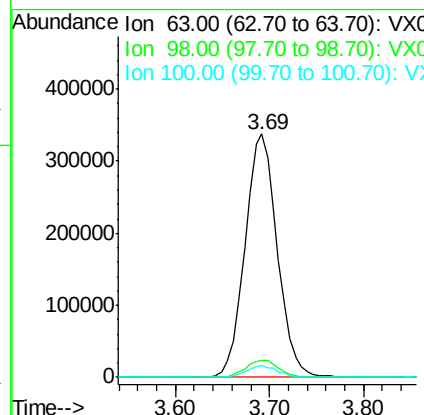
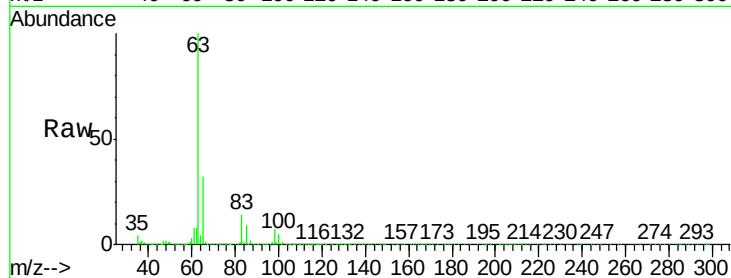
#21
1,1-Dichloroethane
Concen: 97.638 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	63	Resp:	805477
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.5	10.5
100	4.8	2.5	7.5

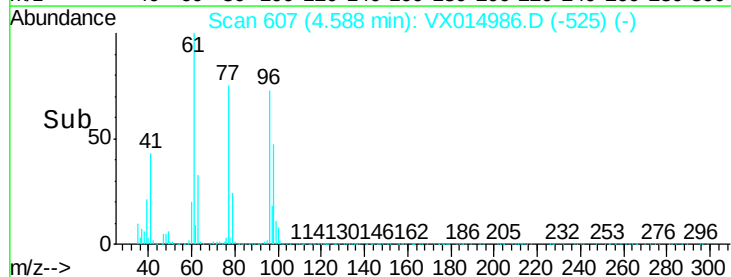
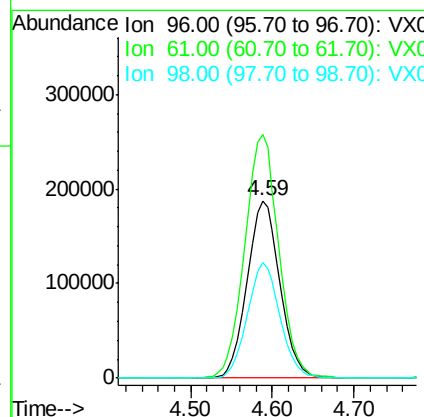
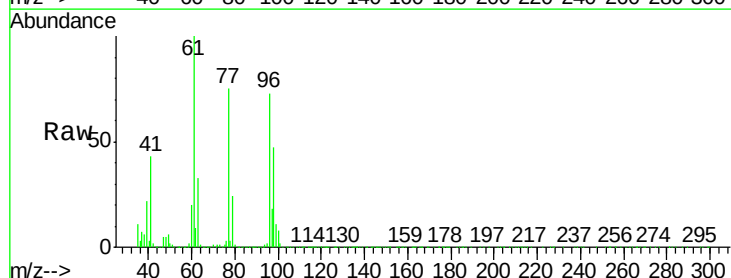
Manual Integrations
APPROVED

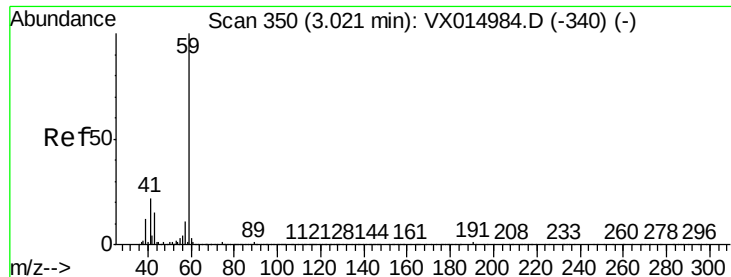
MMDadoda
2/24/2020 11:28:58 AM



#22
cis-1,2-Dichloroethene
Concen: 100.593 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion:	96	Resp:	522987
Ion Ratio	Lower	Upper	
96	100		
61	141.7	110.6	165.8
98	64.8	50.4	75.6





#23

tert-Butyl Alcohol

Concen: 450.426 ug/l m

RT: 3.03 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion: 59 Resp: 469096

Ion Ratio Lower Upper

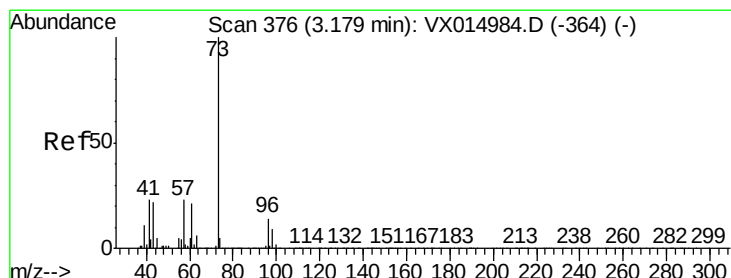
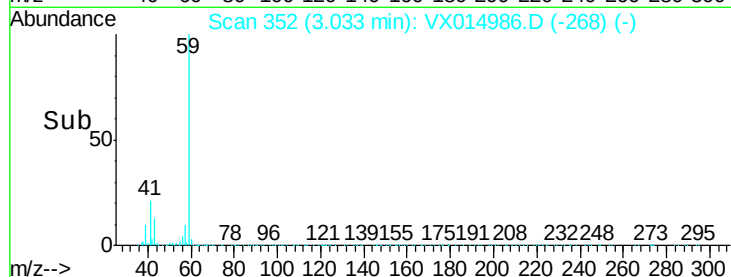
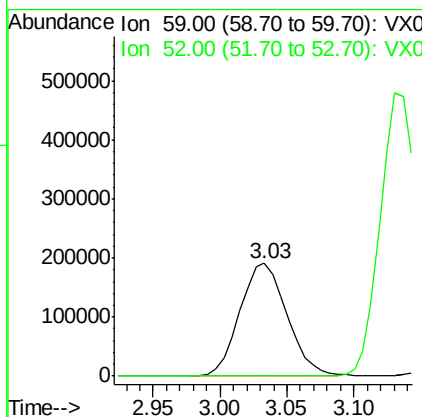
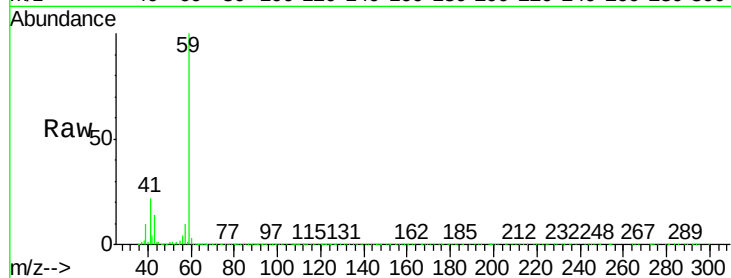
59 100

52 0.0 0.4 0.6#

Manual Integrations
APPROVED

MMDadoda

2/24/2020 11:28:58 AM



#24

Methyl tert-Butyl Ether

Concen: 100.445 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX014986.D

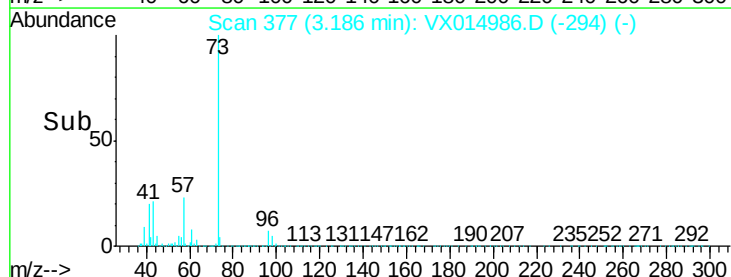
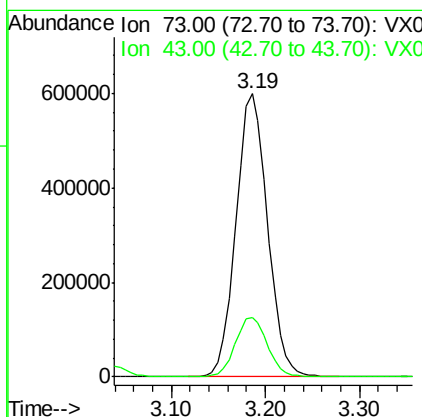
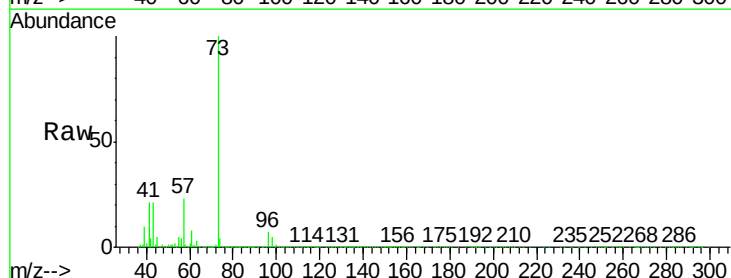
Acq: 21 Feb 2020 10:21

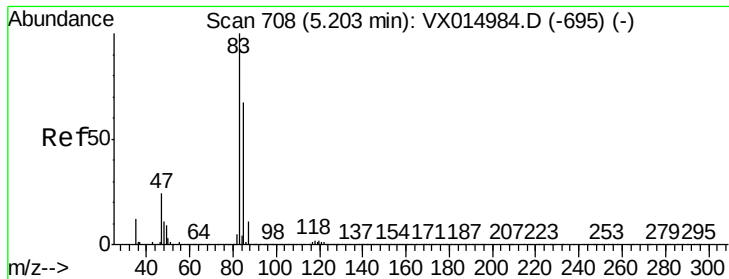
Tgt Ion: 73 Resp: 1391565

Ion Ratio Lower Upper

73 100

43 21.3 17.7 26.5





#25

Chloroform

Concen: 99.572 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 804480

Ion Ratio Lower Upper

83 100

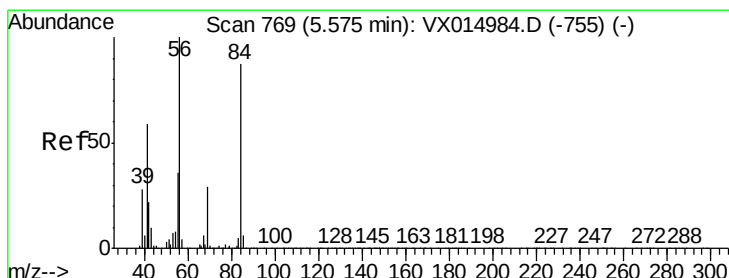
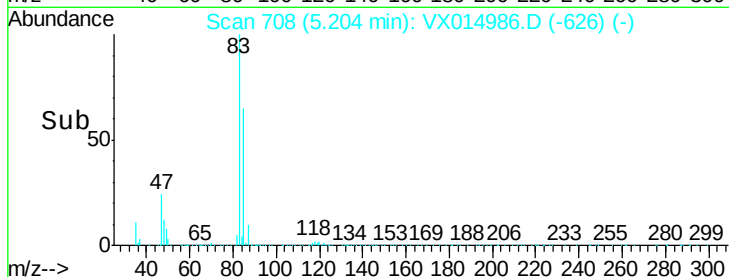
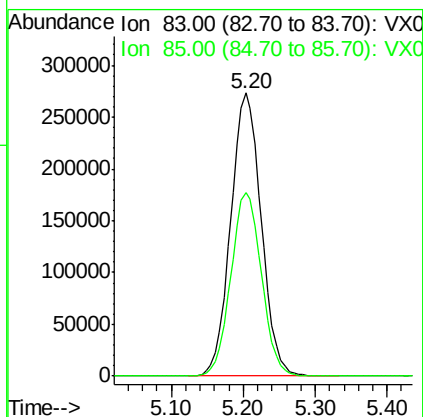
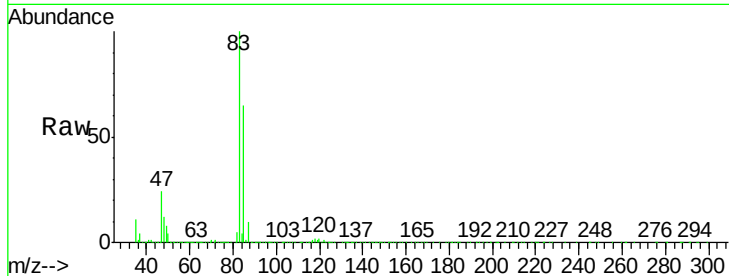
85 64.9 53.4 80.0

Manual Integrations

APPROVED

MMDadoda

2/24/2020 11:28:58 AM



#26

Cyclohexane

Concen: 96.274 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

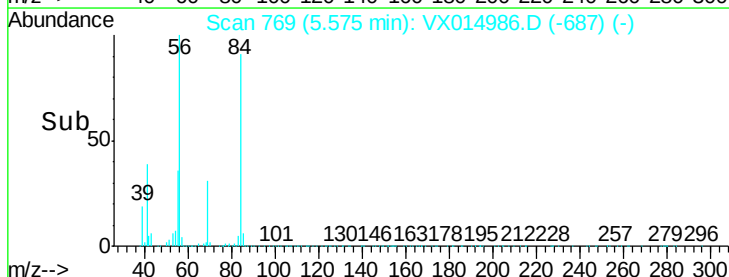
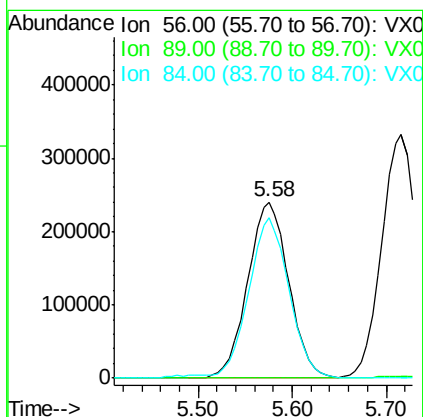
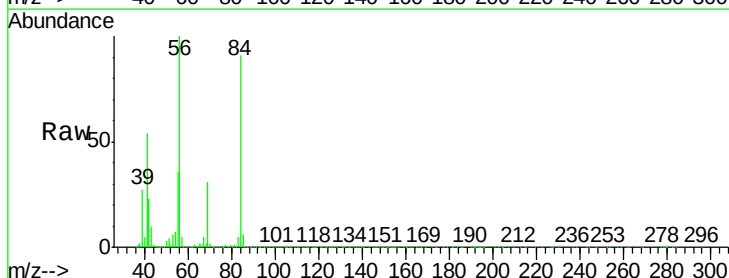
Tgt Ion: 56 Resp: 730398

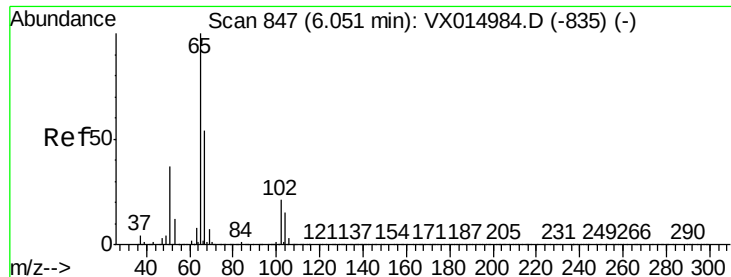
Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

84 89.7 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 29.638 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 159108

Ion Ratio Lower Upper

65 100

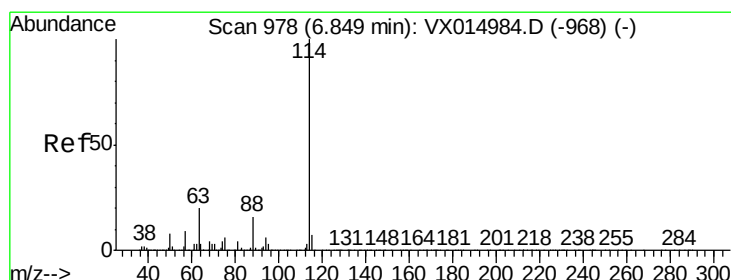
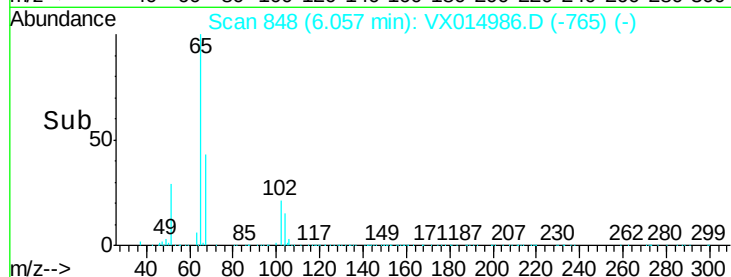
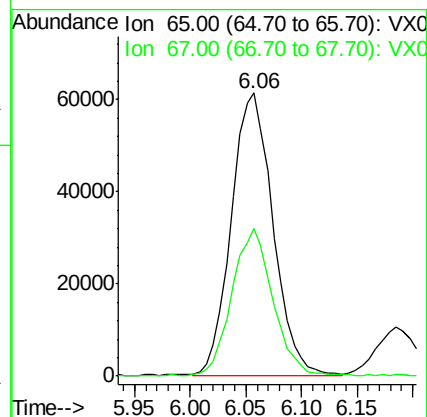
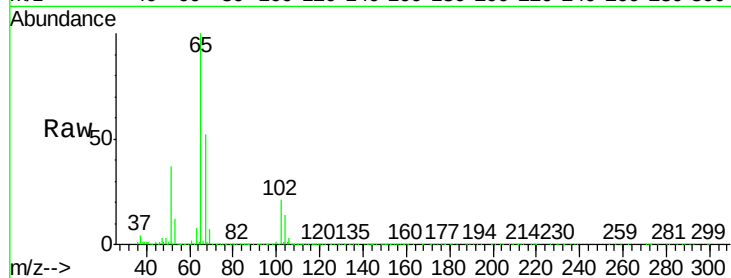
67 50.8 41.9 62.9

Manual Integrations

APPROVED

MMDadoda

2/24/2020 11:28:58 AM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

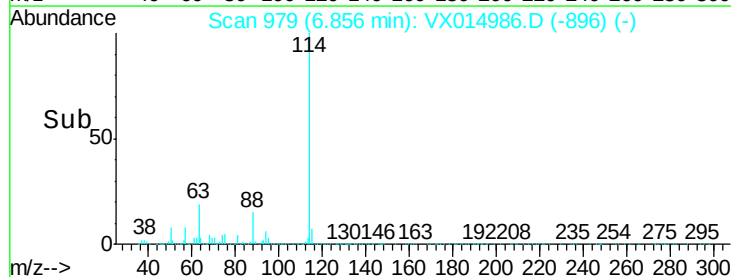
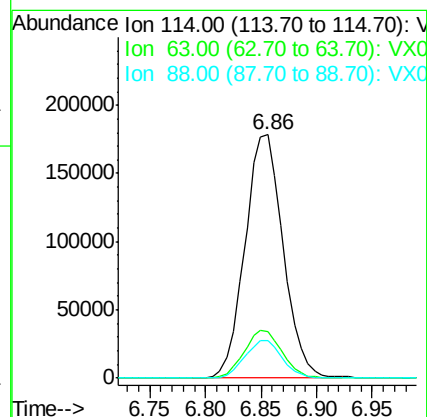
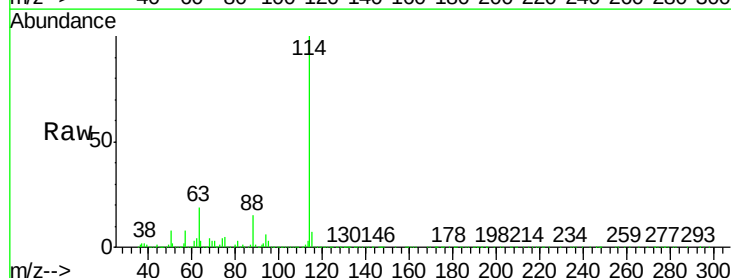
Tgt Ion: 114 Resp: 425905

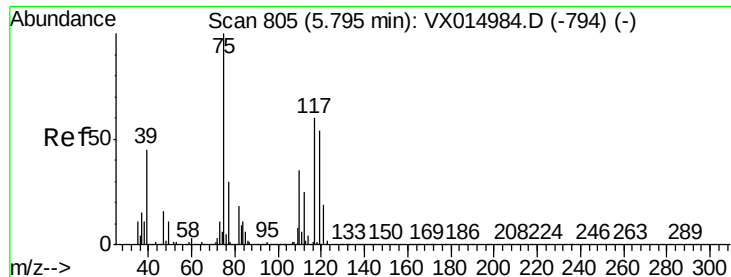
Ion Ratio Lower Upper

114 100

63 19.4 15.6 23.4

88 15.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 100.983 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

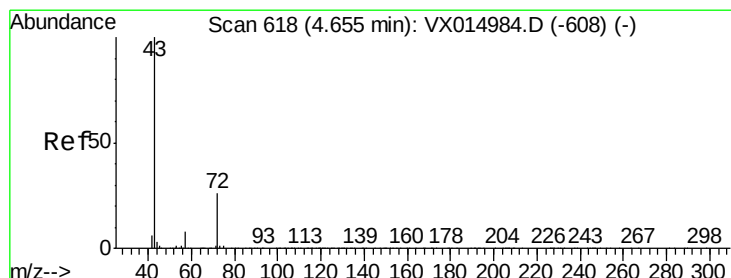
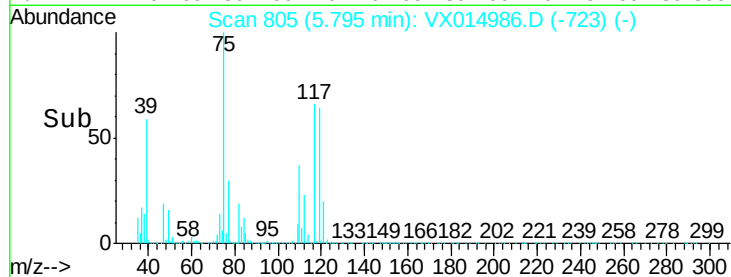
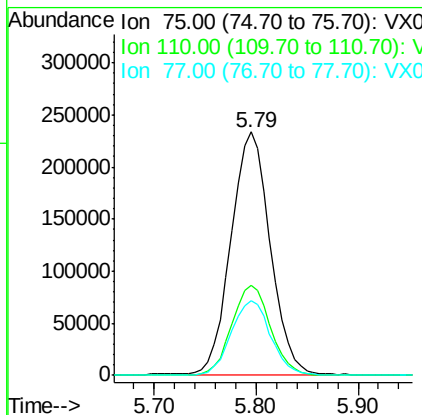
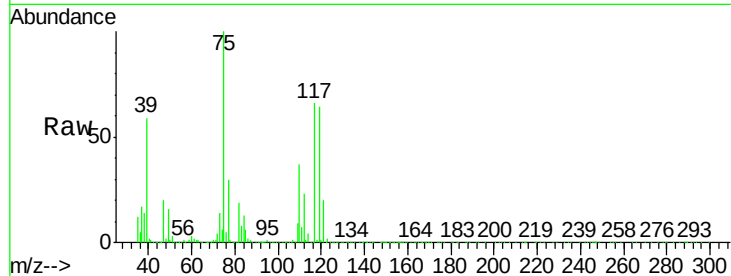
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	621953
Ion Ratio		Lower	Upper
75	100		
110	36.7	0.0	75.0
77	30.7	0.0	64.0

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#30

2-Butanone

Concen: 466.894 ug/l

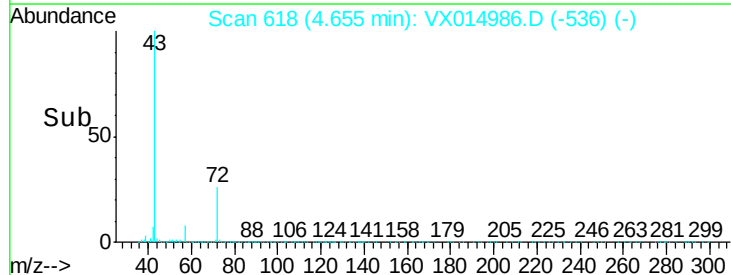
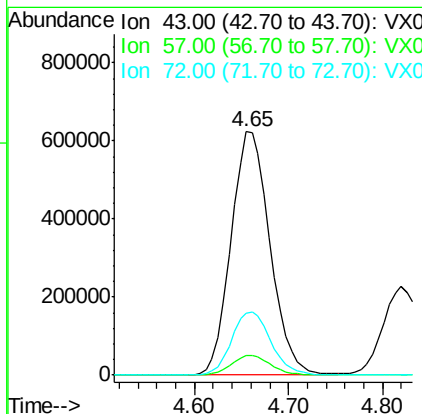
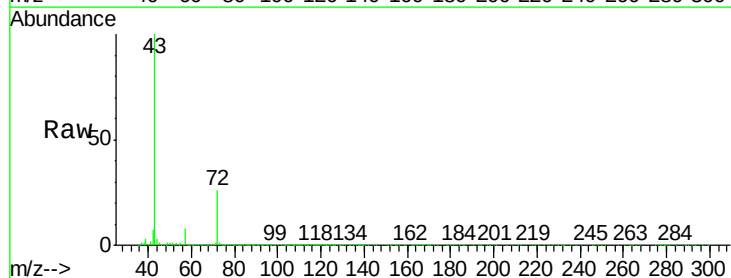
RT: 4.65 min Scan# 618

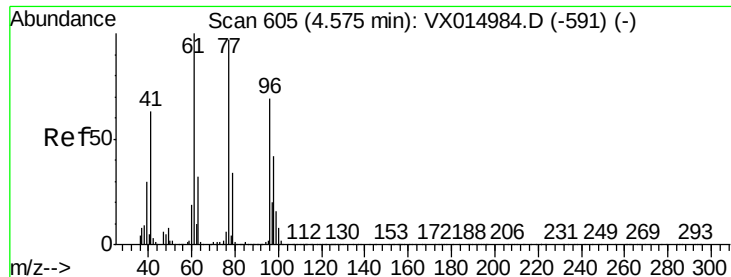
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion:	43	Resp:	1794748
Ion Ratio		Lower	Upper
43	100		
57	8.0	6.5	9.7
72	26.1	20.3	30.5





#31

2,2-Dichloropropane

Concen: 103.130 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion: 77 Resp: 684335

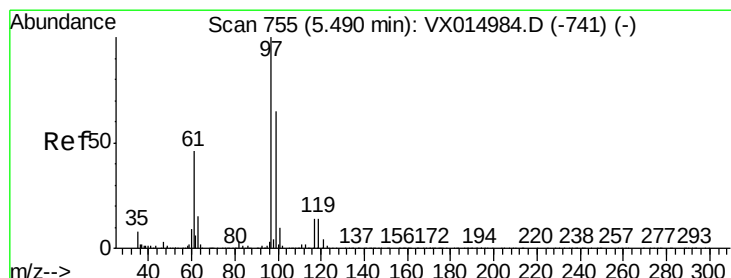
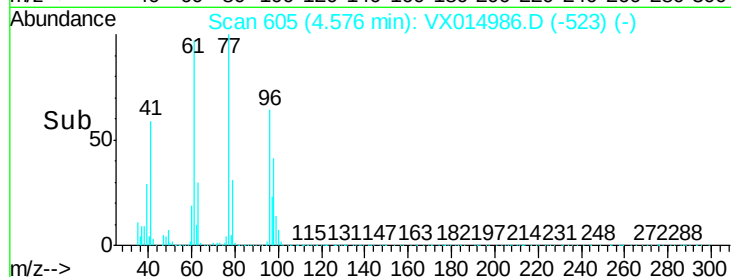
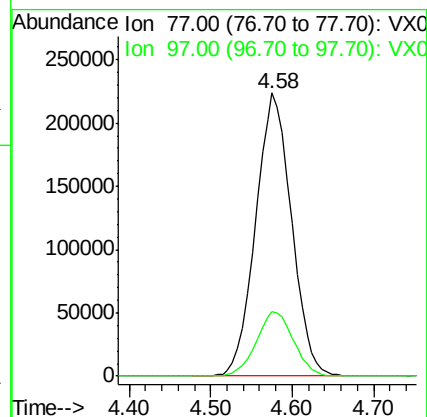
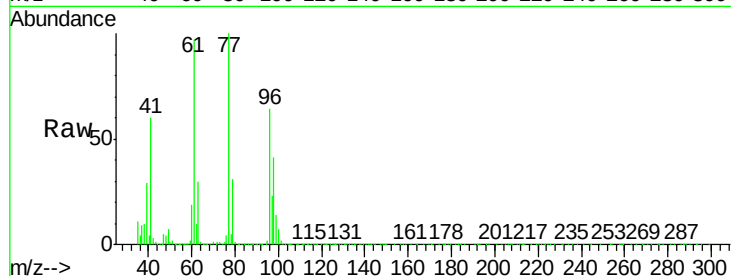
Ion Ratio Lower Upper

77 100

97 23.4 18.4 27.6

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#32

1,1,1-Trichloroethane

Concen: 102.761 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

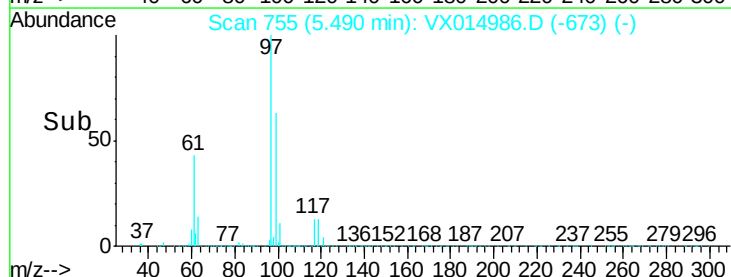
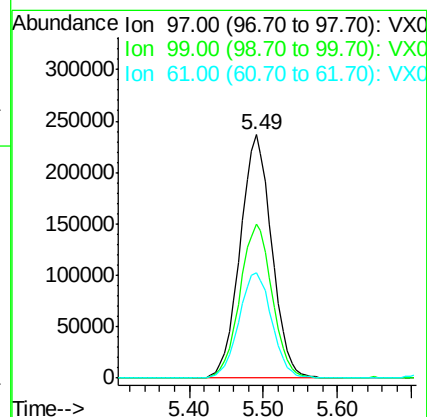
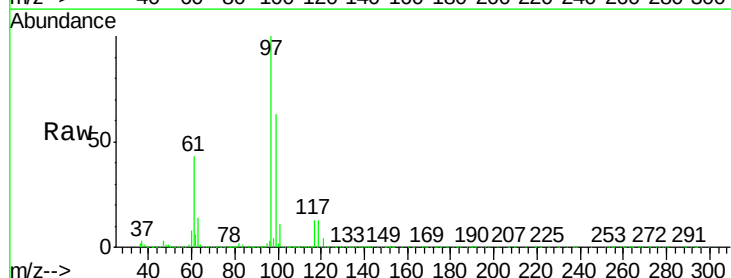
Tgt Ion: 97 Resp: 704746

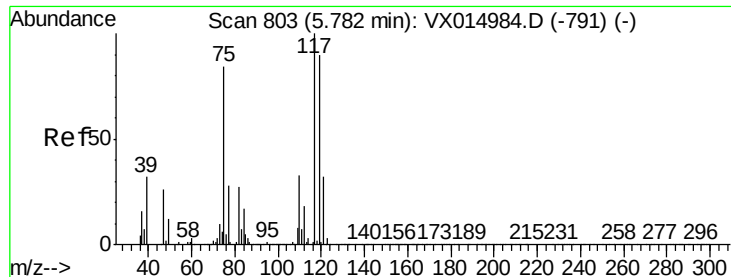
Ion Ratio Lower Upper

97 100

99 64.4 53.0 79.6

61 44.9 36.2 54.2





#33

Carbon Tetrachloride

Concen: 104.044 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

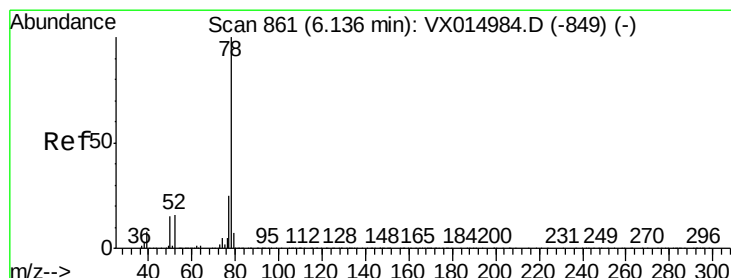
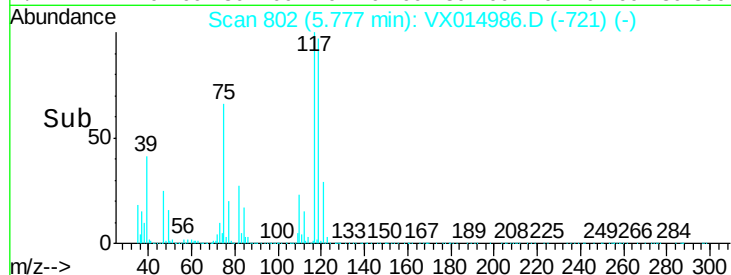
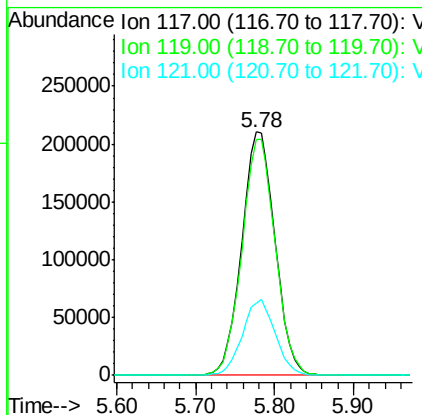
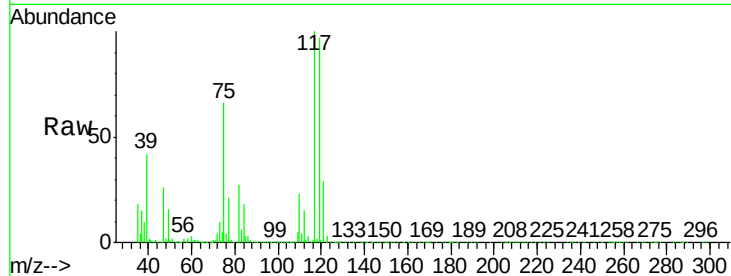
ClientSampleId :

VSTDIC100

Tot Ion:	117	Resp:	615636
Ion Ratio	Lower	Upper	
117	100		
119	97.0	71.9	107.9
121	29.4	25.4	38.2

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#34

Benzene

Concen: 97.816 ug/l

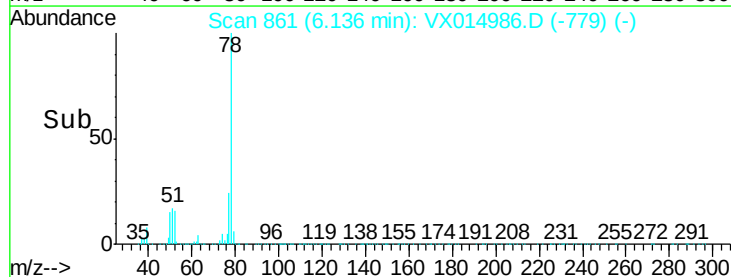
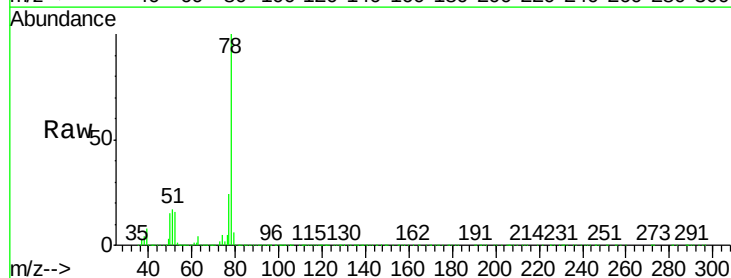
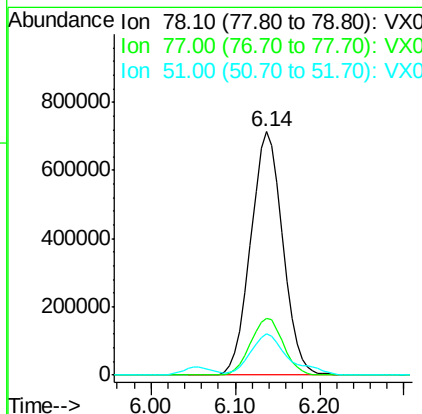
RT: 6.14 min Scan# 861

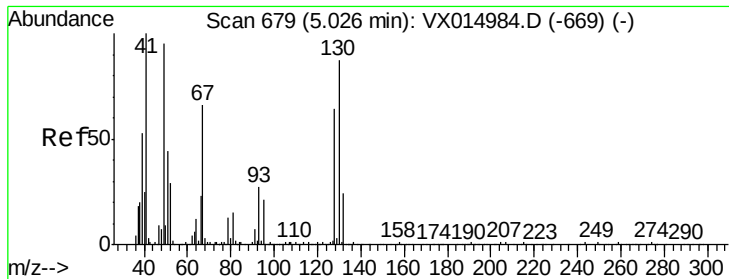
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion:	78	Resp:	1851835
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.0	30.0
51	16.4	13.3	19.9





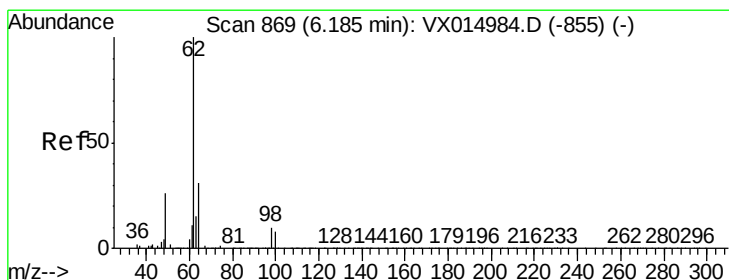
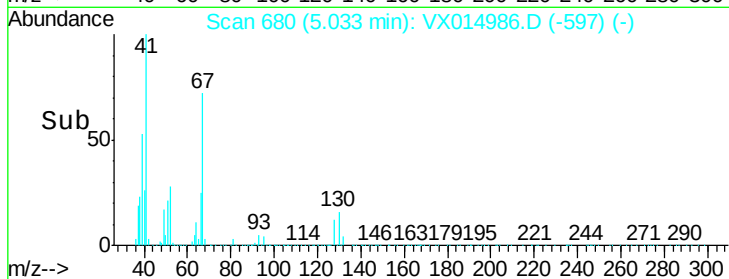
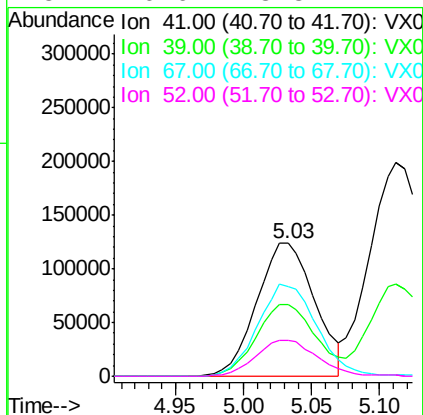
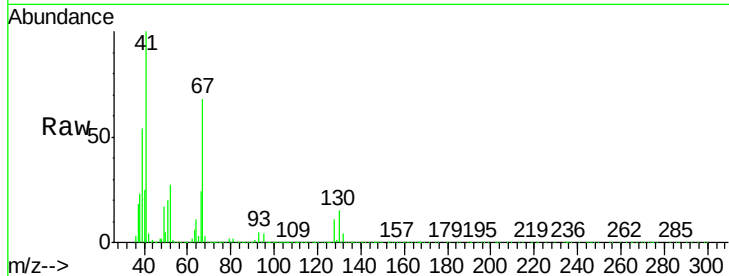
#35
Methacrylonitrile
Concen: 96.289 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	25.9	77.7	
67	67.8	32.7	98.1	
52	26.6	13.8	41.4	

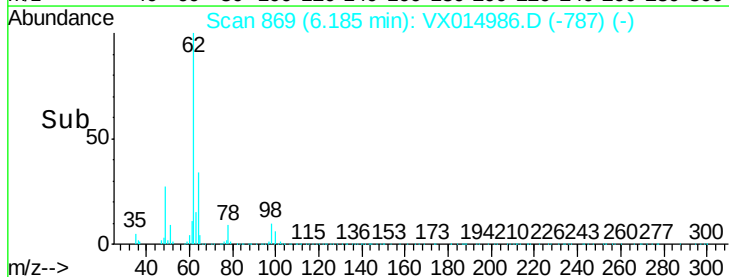
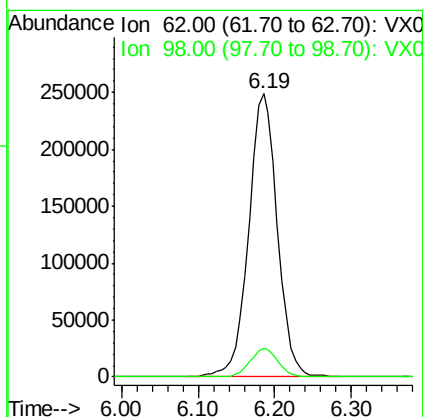
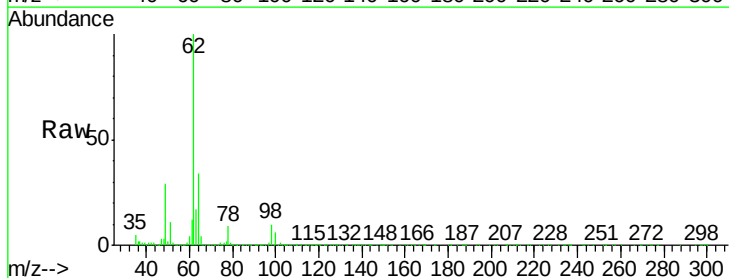
Manual Integrations
APPROVED

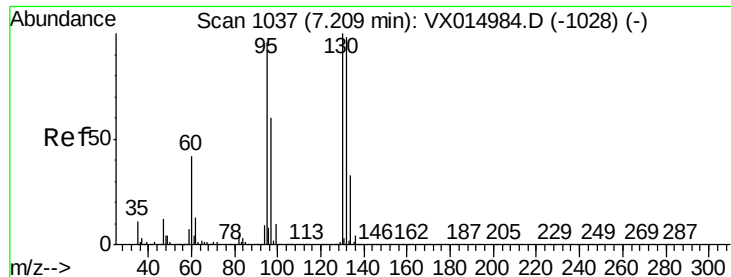
MMDadoda
2/24/2020 11:28:58 AM



#36
1,2-Dichloroethane
Concen: 97.874 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	7.5	11.3	





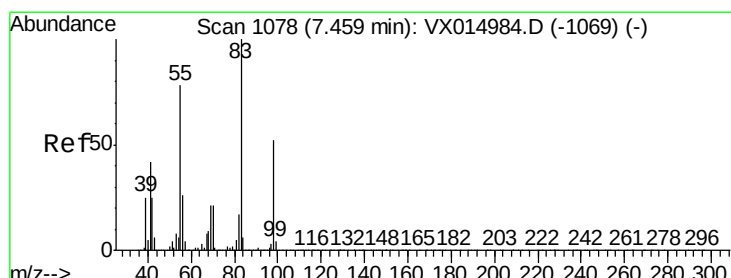
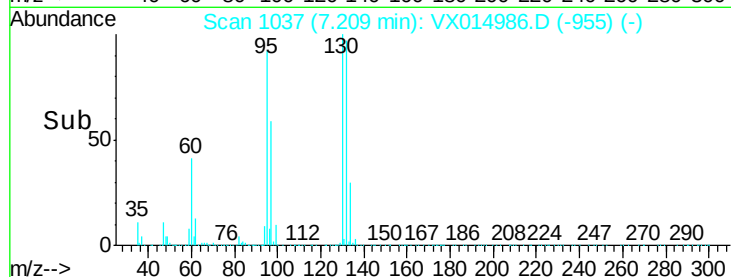
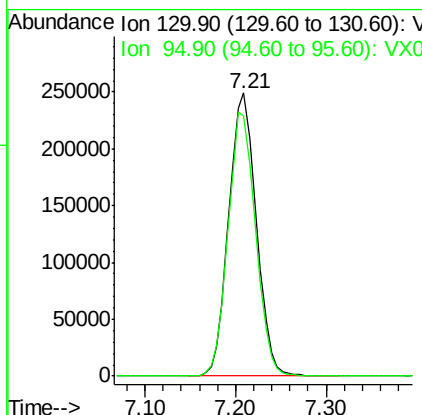
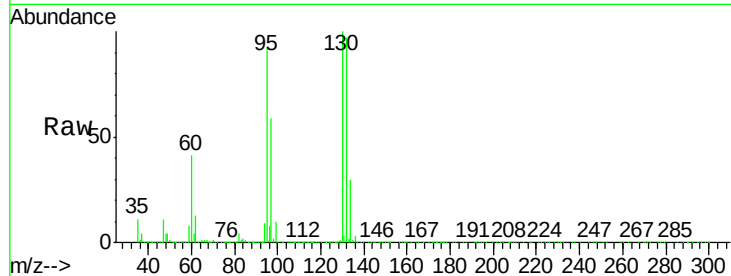
#37
 Trichloroethene
 Concen: 101.551 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
130	100		
95	92.1	77.1	115.7

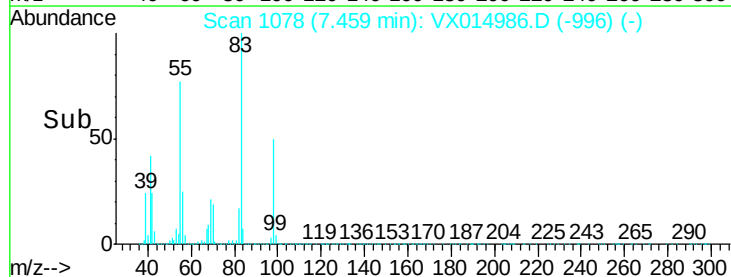
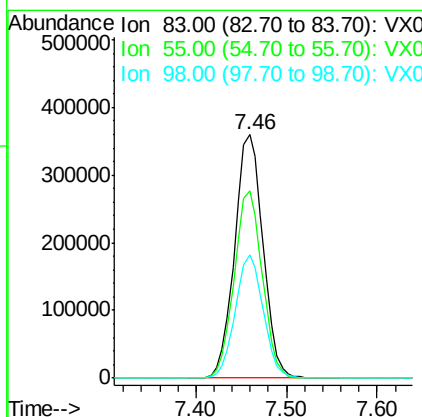
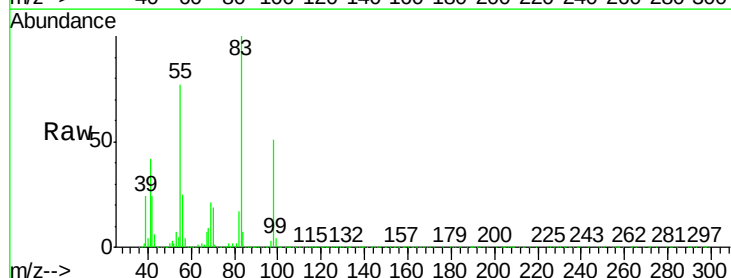
Manual Integrations
 APPROVED

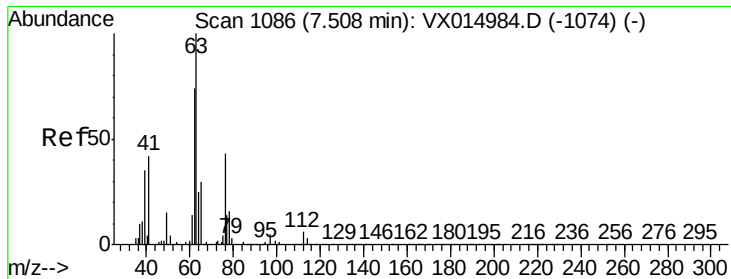
MMDadoda
 2/24/2020 11:28:58 AM



#38
 Methylcyclohexane
 Concen: 102.054 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	38.2	114.6
98	49.8	25.3	75.8





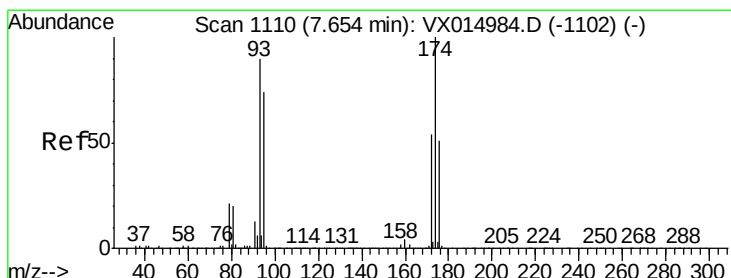
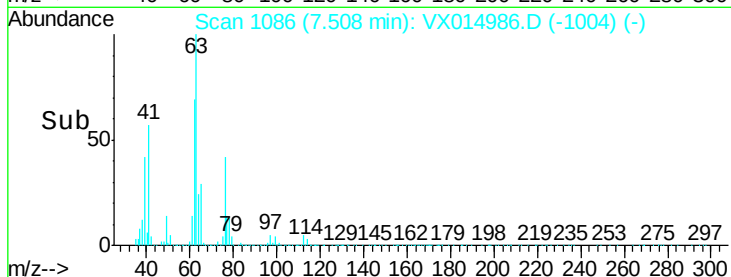
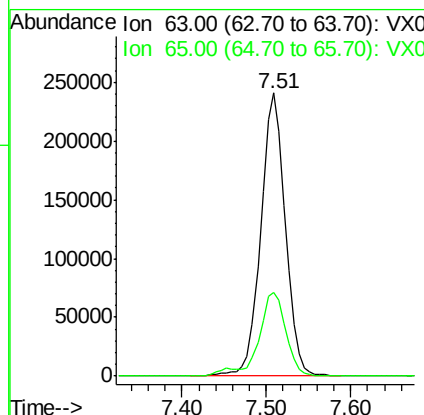
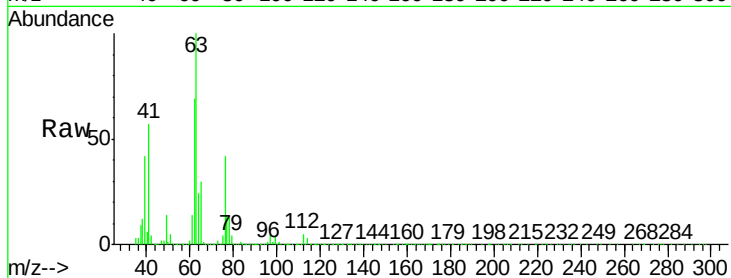
#39
 1,2-Dichloropropane
 Concen: 97.849 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.6	36.8

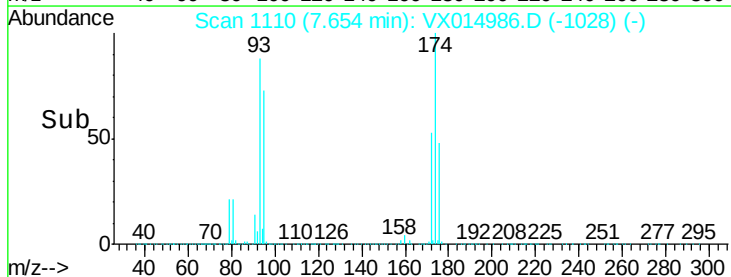
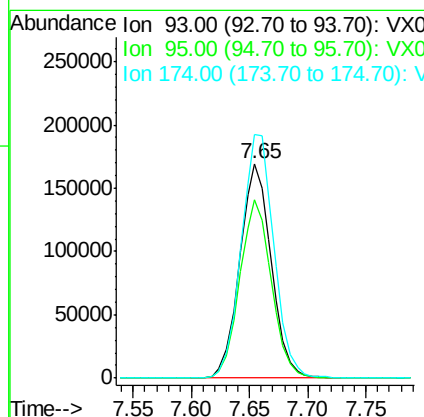
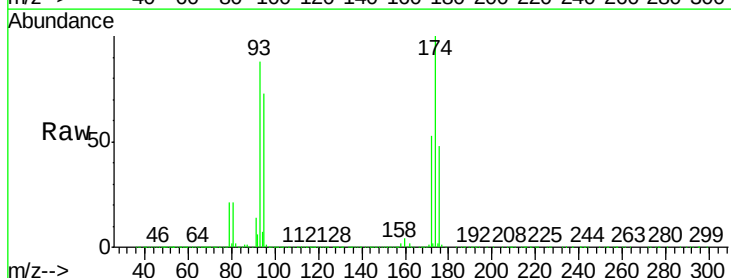
Manual Integrations
 APPROVED

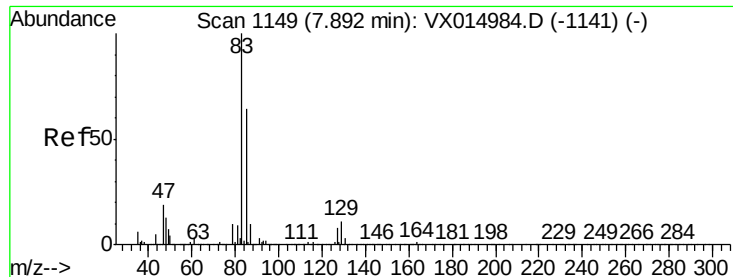
MMDadoda
 2/24/2020 11:28:58 AM



#40
 Dibromomethane
 Concen: 99.483 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	0.0	164.6
174	118.5	0.0	226.4





#41

Bromodichloromethane

Concen: 104.221 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

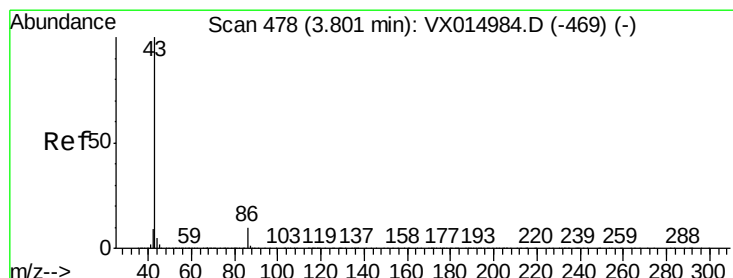
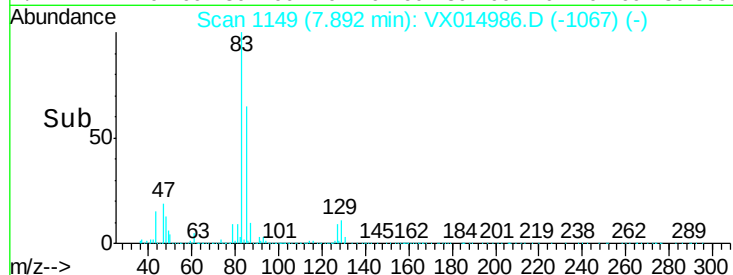
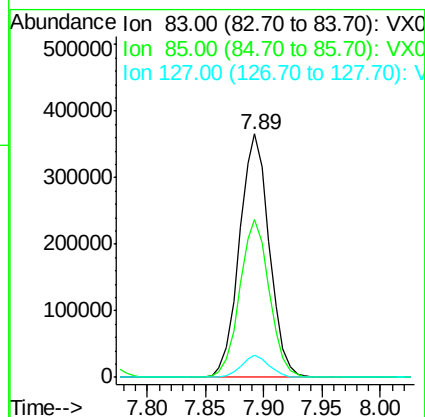
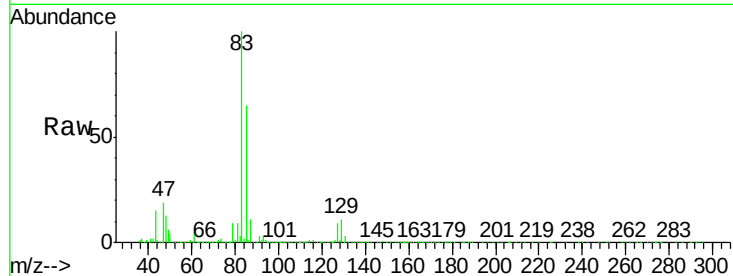
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	652689
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.0	76.4
127	8.9	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#42

Vinyl Acetate

Concen: 529.147 ug/l

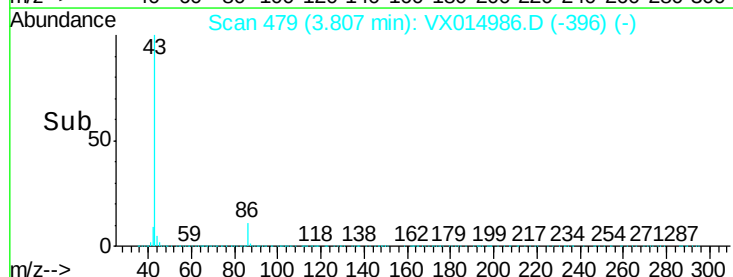
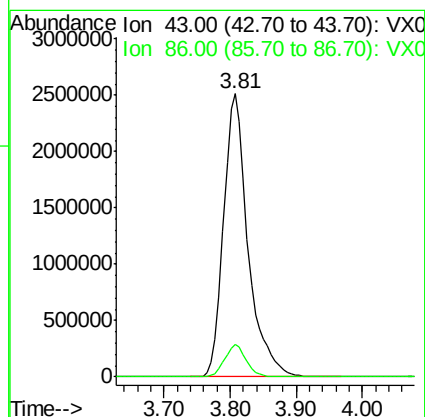
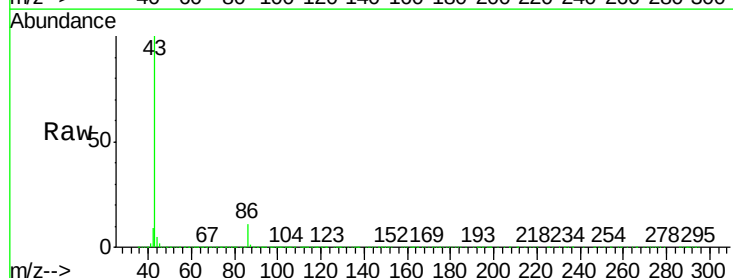
RT: 3.81 min Scan# 479

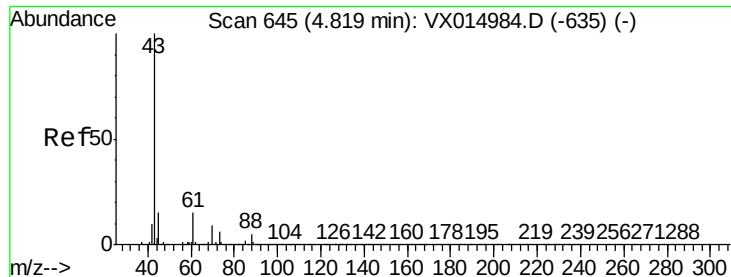
Delta R.T. 0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion:	43	Resp:	6421222
Ion Ratio	Lower	Upper	
43	100		
86	10.0	7.6	11.4





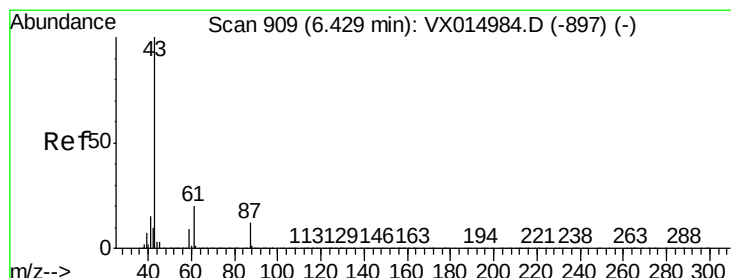
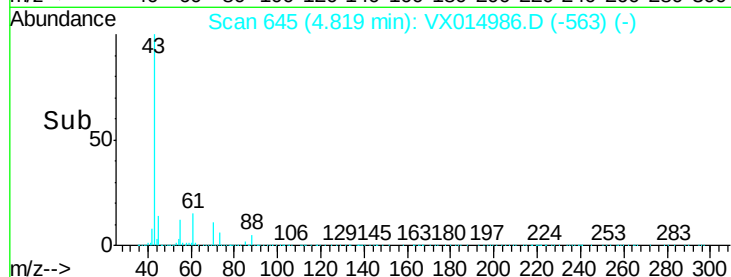
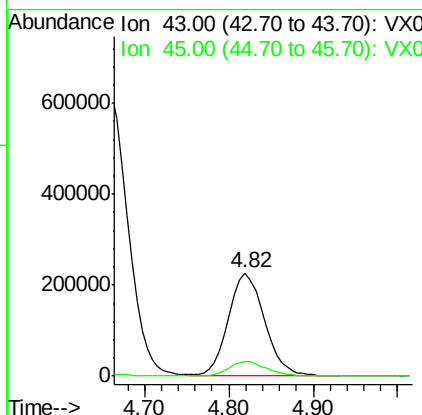
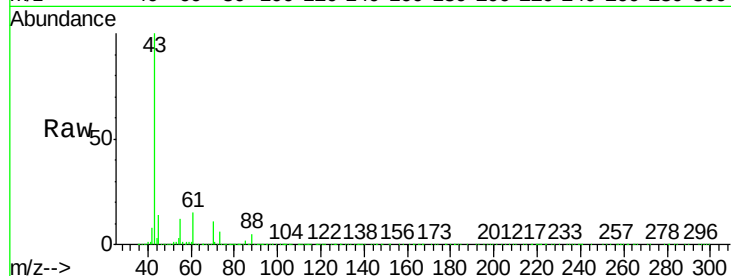
#43
Ethyl Acetate
Concen: 95.392 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.8	10.8	16.2

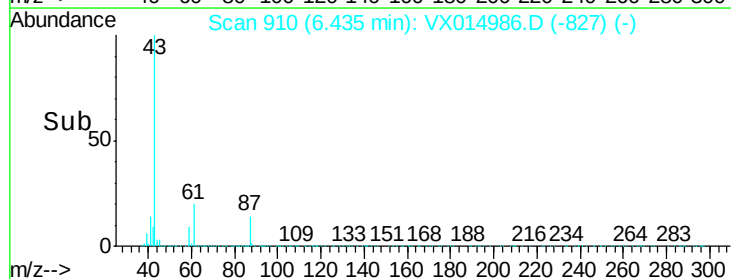
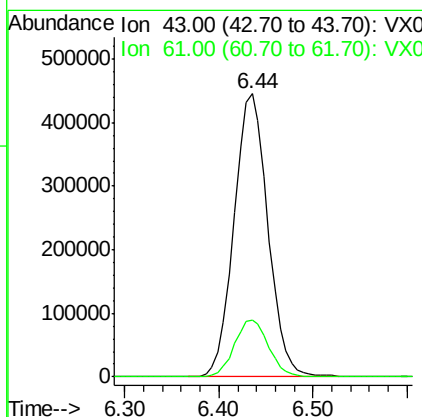
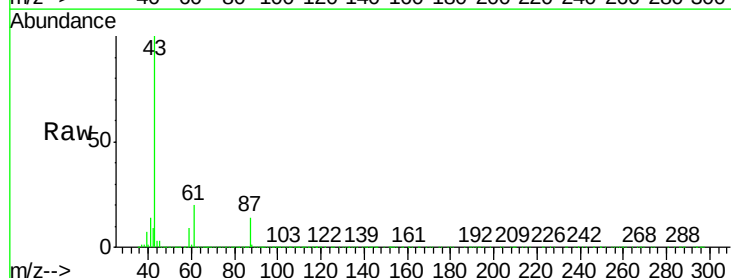
Manual Integrations
APPROVED

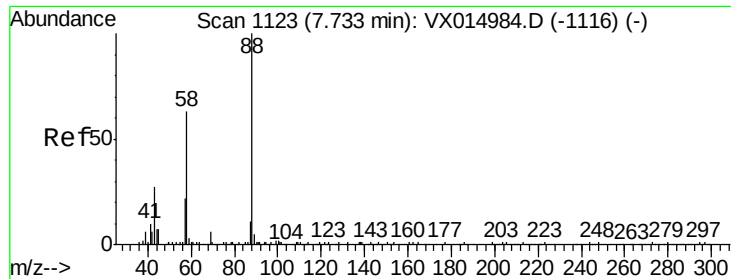
MMDadoda
2/24/2020 11:28:58 AM



#44
Isopropyl Acetate
Concen: 98.320 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.6	23.4





#45

1,4-Dioxane

Concen: 1819.703 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

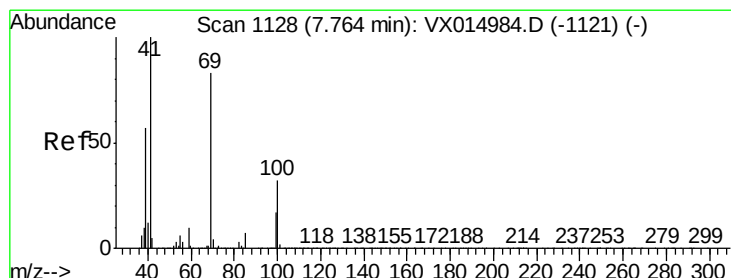
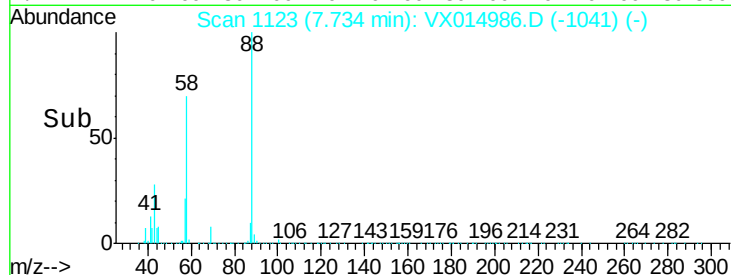
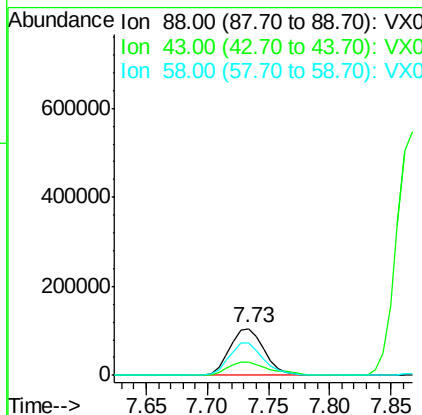
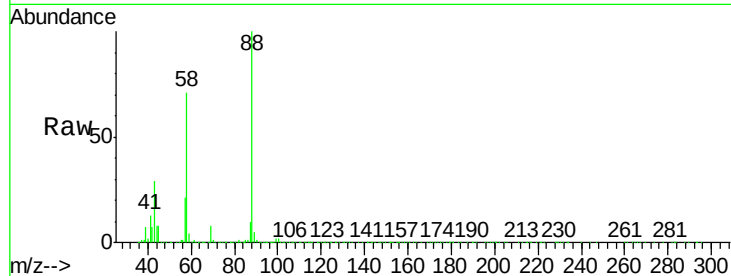
ClientSampleId :

VSTDICC100

Tot Ion:	88	Resp:	201591
Ion Ratio	Lower	Upper	
88	100		
43	34.2	25.4	38.2
58	70.9	55.8	83.8

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#46

Methyl methacrylate

Concen: 100.990 ug/l

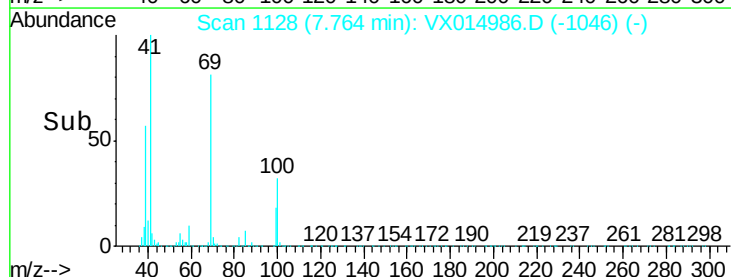
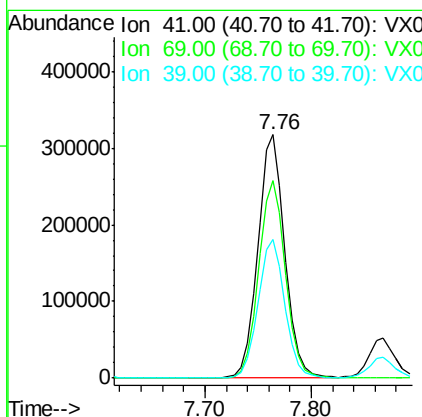
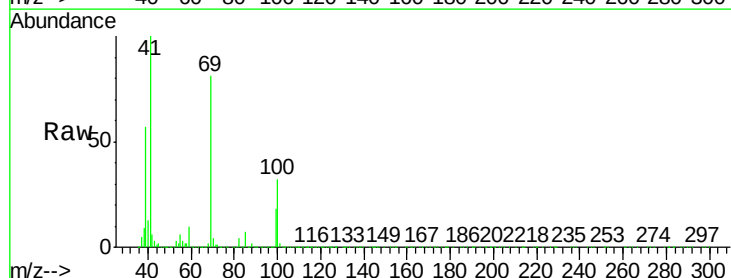
RT: 7.76 min Scan# 1128

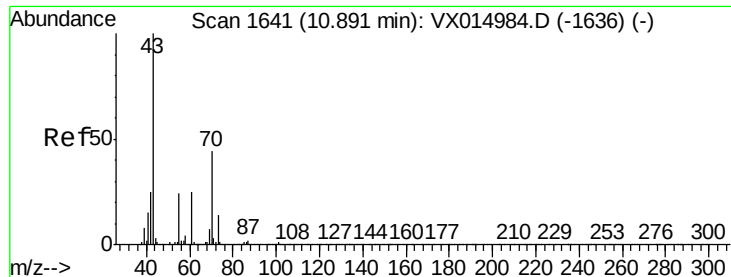
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion:	41	Resp:	559455
Ion Ratio	Lower	Upper	
41	100		
69	81.0	41.4	124.2
39	56.7	28.3	84.9





#47

n-amvl Acetate

Concen: 105.658 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1009233

Ion Ratio Lower Upper

43 100

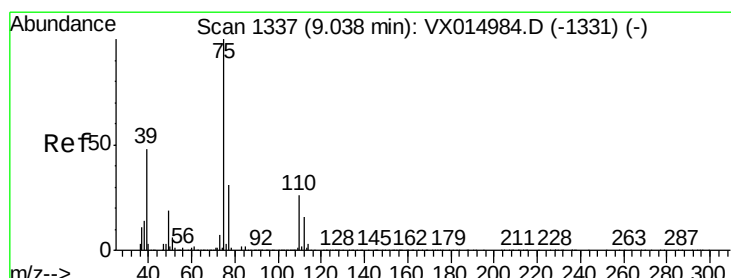
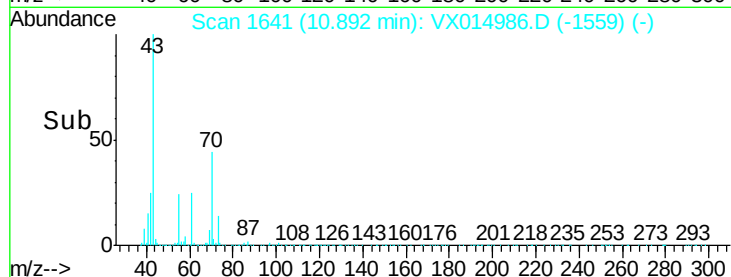
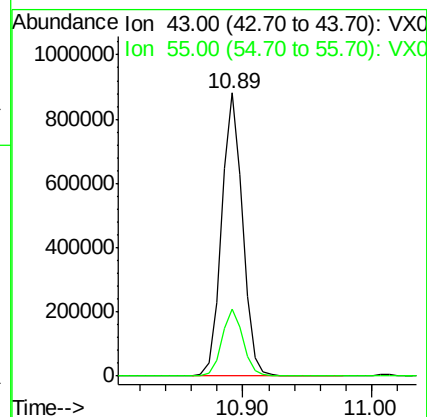
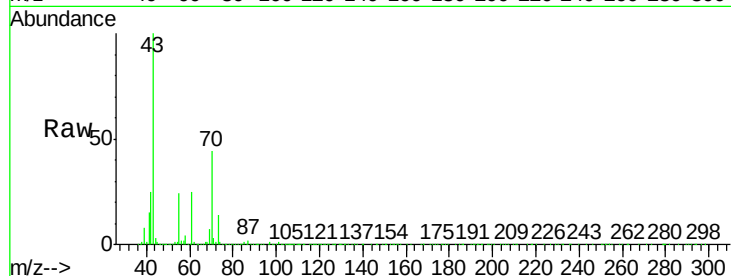
55 23.8 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

2/24/2020 11:28:58 AM



#48

t-1,3-Dichloropropene

Concen: 108.504 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014986.D

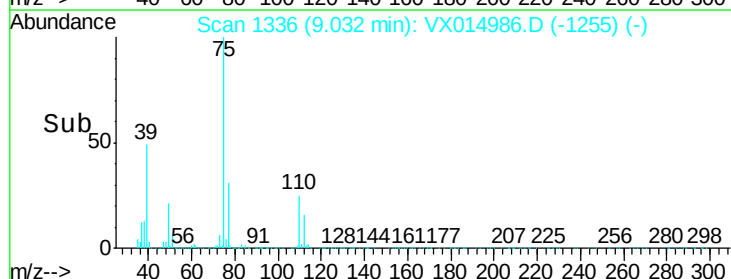
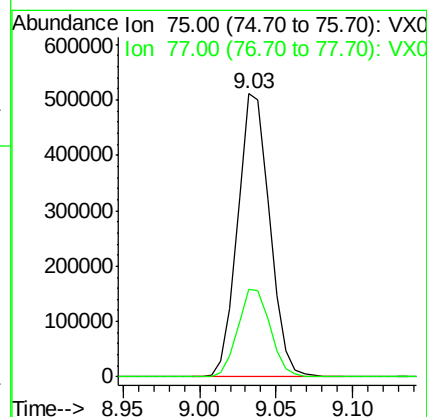
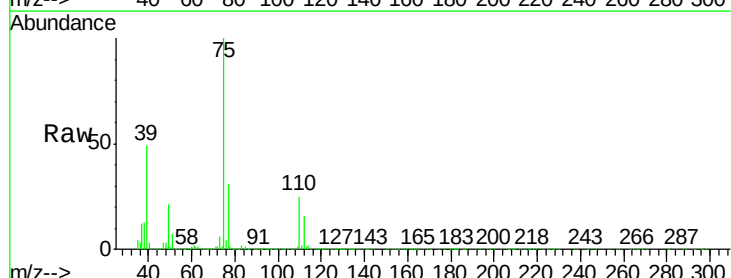
Acq: 21 Feb 2020 10:21

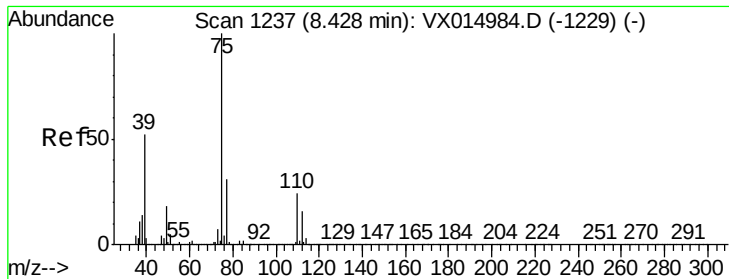
Tgt Ion: 75 Resp: 741631

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8





#49

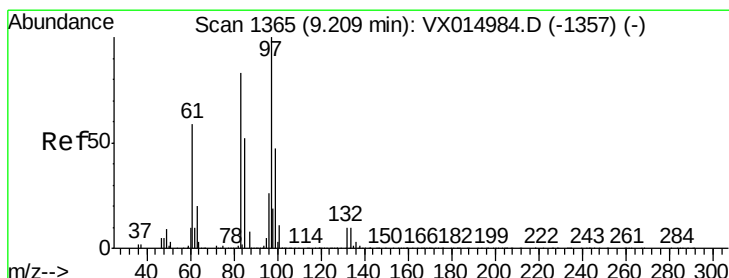
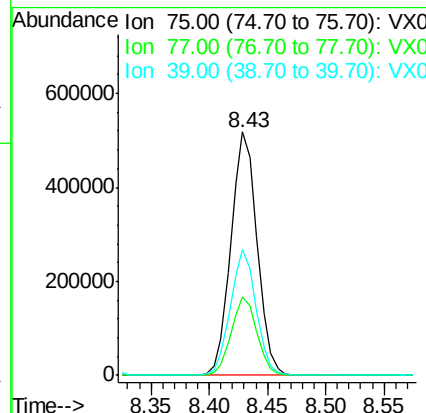
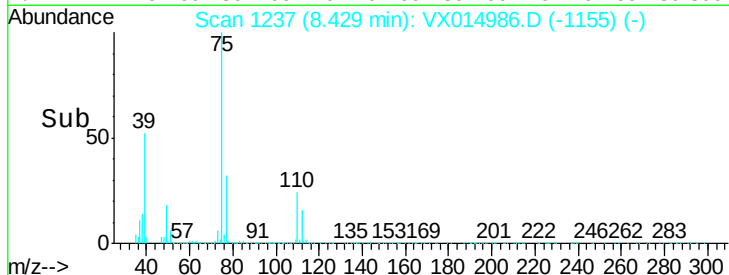
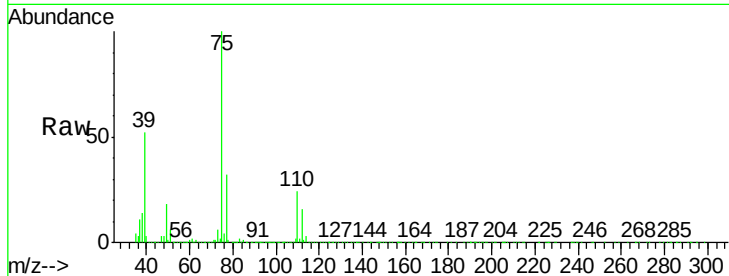
cis-1,3-Dichloropropene
Concen: 105.289 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	36.8
39	51.5	41.5	62.3

Manual Integrations
APPROVED

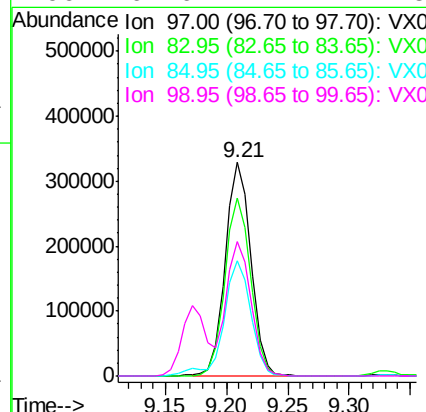
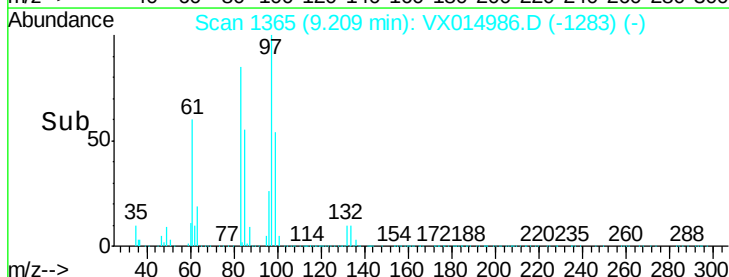
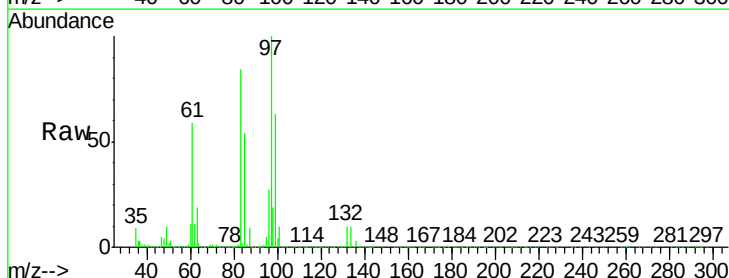
MMDadoda
2/24/2020 11:28:58 AM

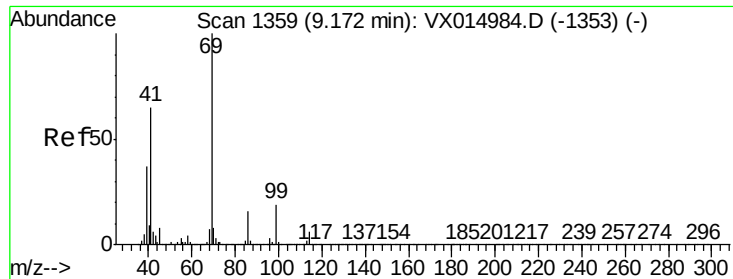


#50

1,1,2-Trichloroethane
Concen: 98.485 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.2	99.2
85	54.1	42.4	63.6
99	62.6	47.7	71.5





#51

Ethyl methacrylate

Concen: 103.203 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

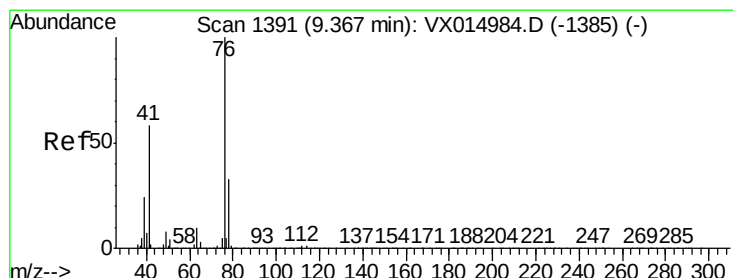
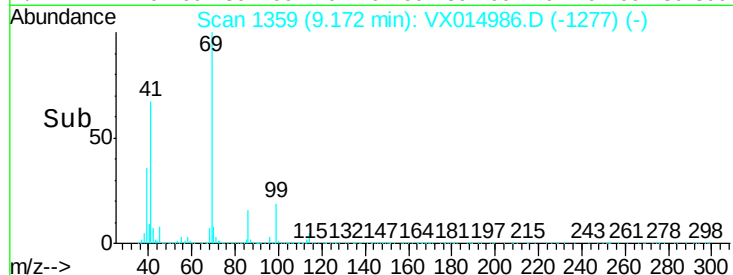
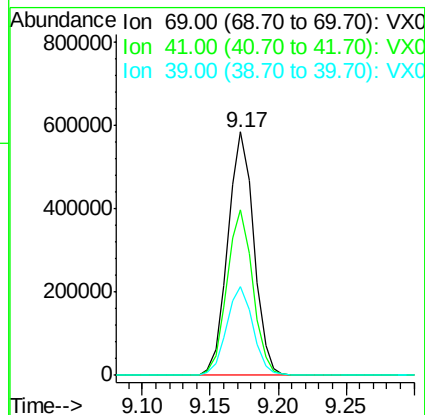
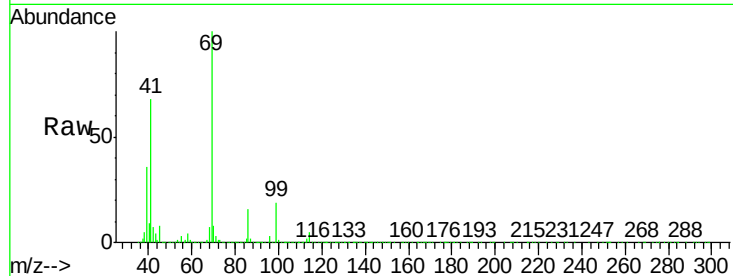
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	777291
Ion Ratio	Lower	Upper	
69	100		
41	67.7	32.7	98.1
39	36.3	18.2	54.6

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#52

1,3-Dichloropropane

Concen: 98.061 ug/l

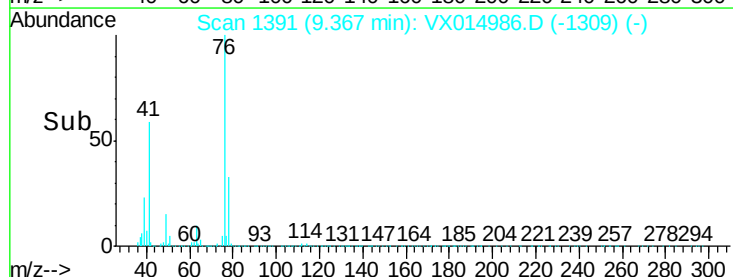
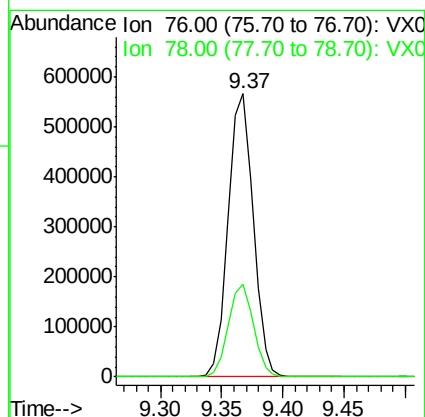
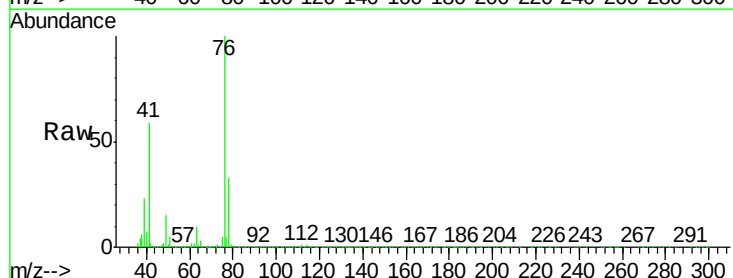
RT: 9.37 min Scan# 1391

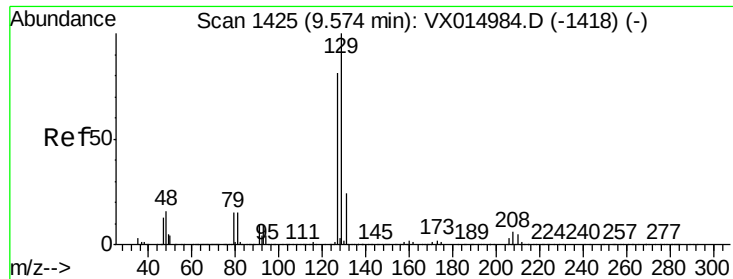
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion:	76	Resp:	803618
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	65.0





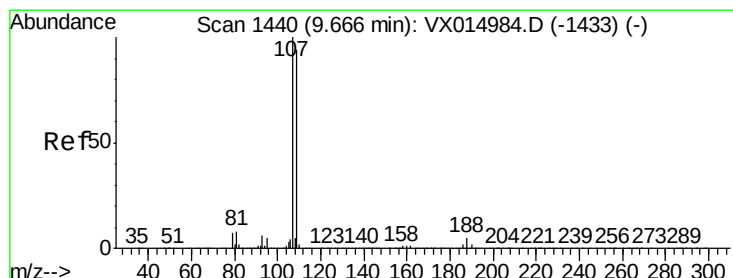
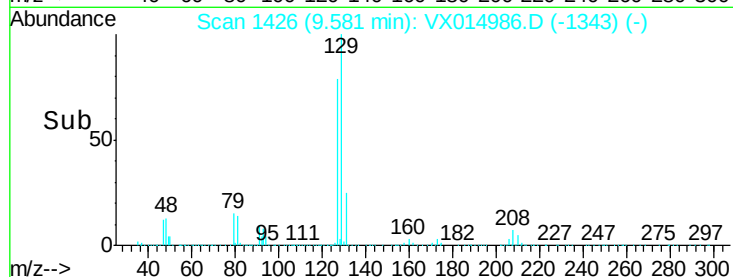
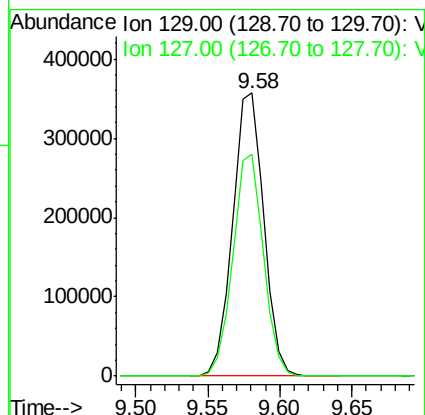
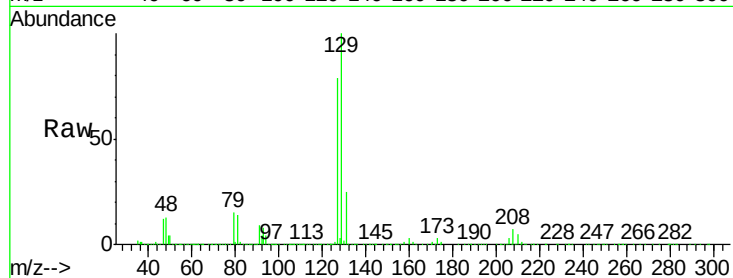
#53
Dibromochloromethane
Concen: 107.688 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		539606		
127	76.8	38.3	114.9		

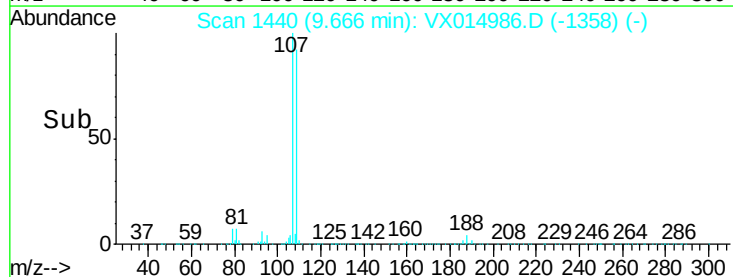
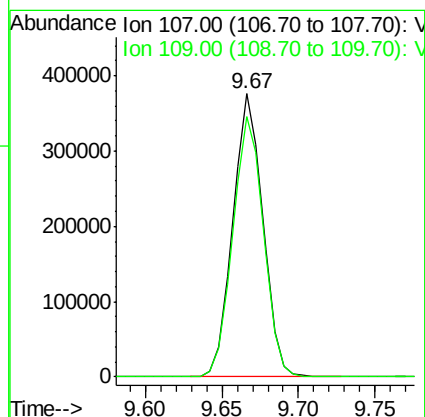
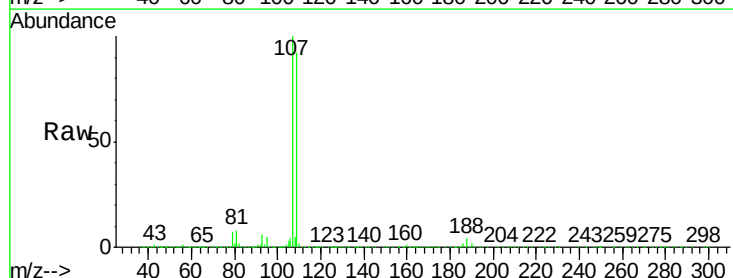
Manual Integrations
APPROVED

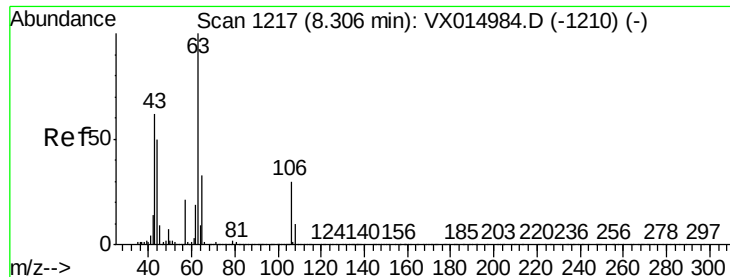
MMDadoda
2/24/2020 11:28:58 AM



#54
1,2-Dibromoethane
Concen: 101.921 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		510995		
109	93.9	76.3	114.5		





#55

2-Chloroethyl vinyl ether

Concen: 556.628 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 1984023

Ion Ratio Lower Upper

63 100

65 32.4 26.0 39.0

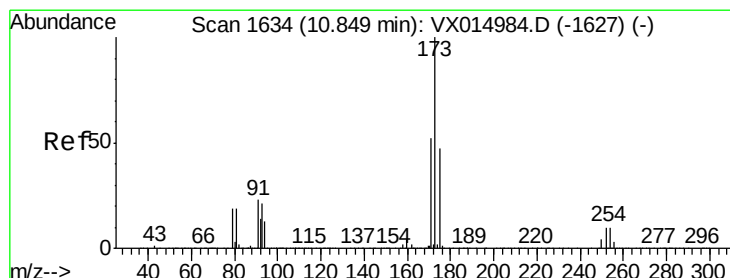
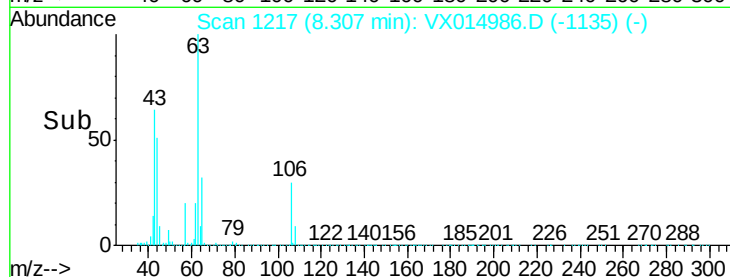
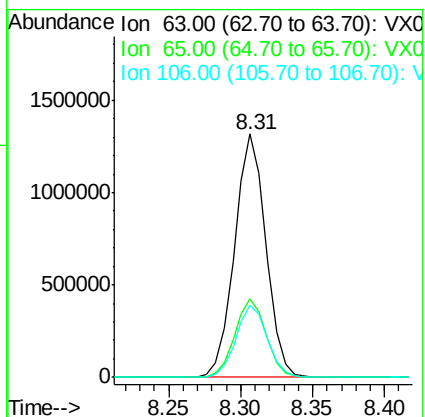
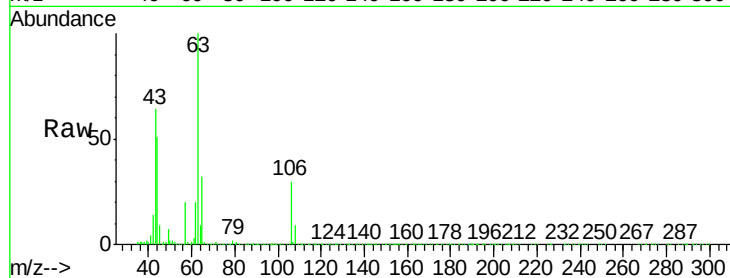
106 29.8 23.9 35.9

Manual Integrations

APPROVED

MMDadoda

2/24/2020 11:28:58 AM



#56

Bromoform

Concen: 111.601 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

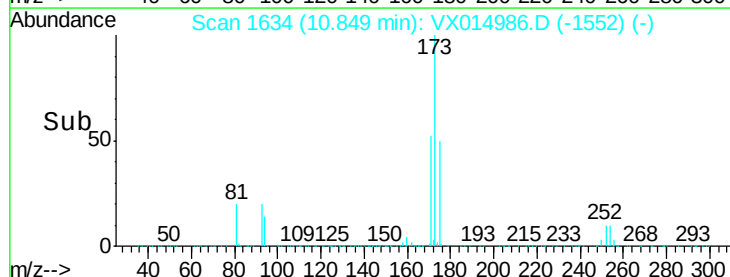
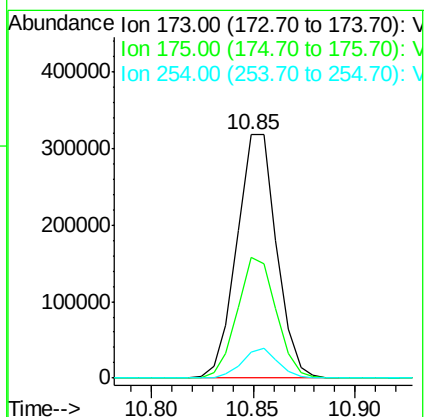
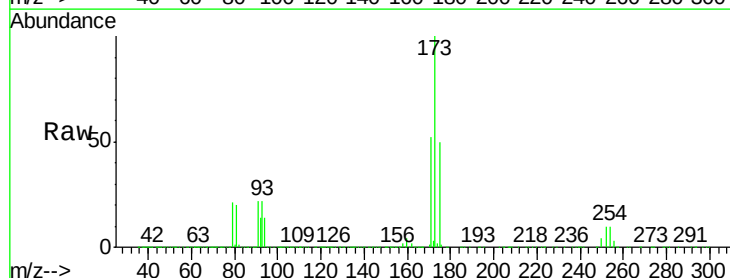
Tgt Ion: 173 Resp: 430833

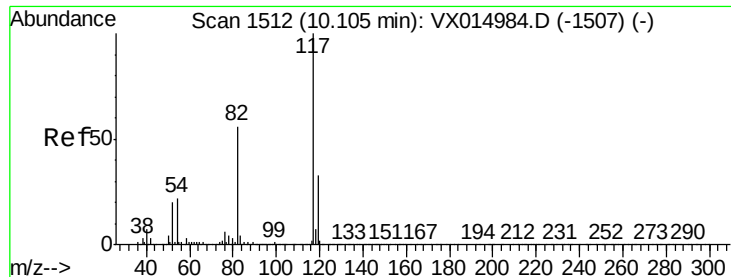
Ion Ratio Lower Upper

173 100

175 48.7 38.6 57.8

254 11.1 8.6 13.0





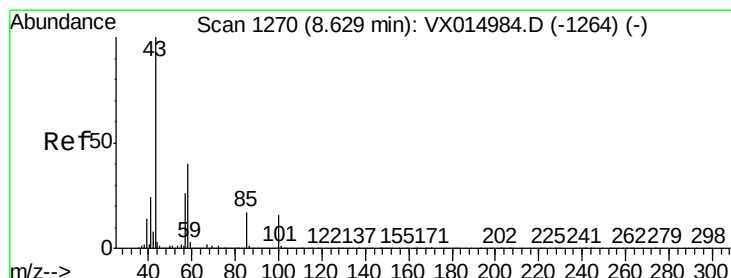
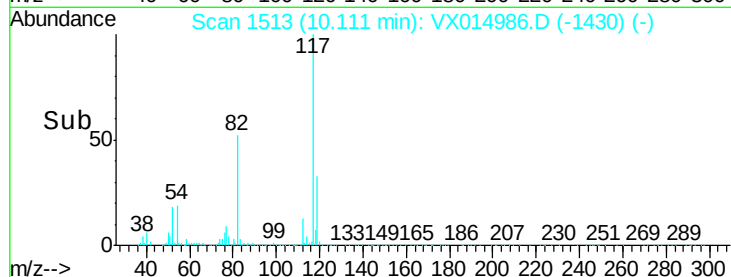
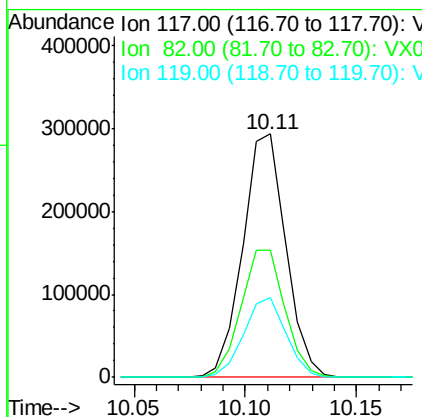
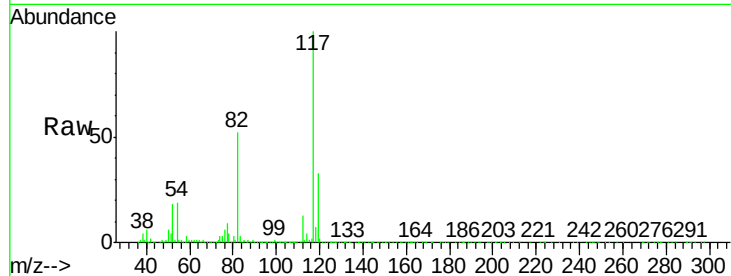
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.5	43.4	65.2
119	32.2	26.0	39.0

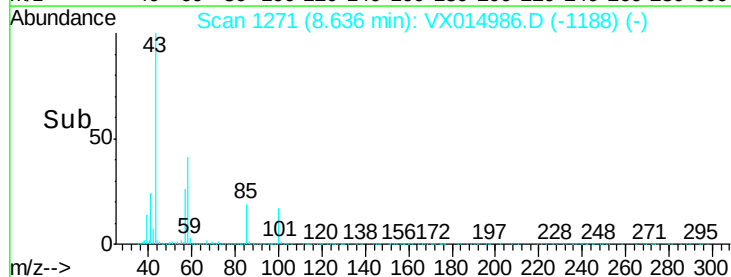
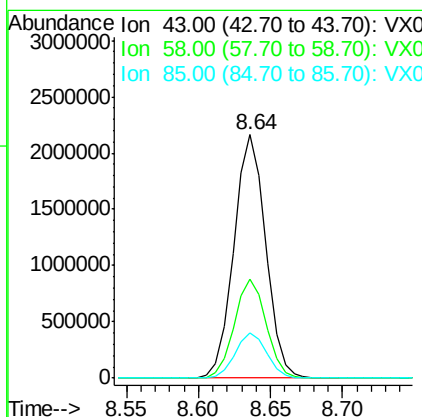
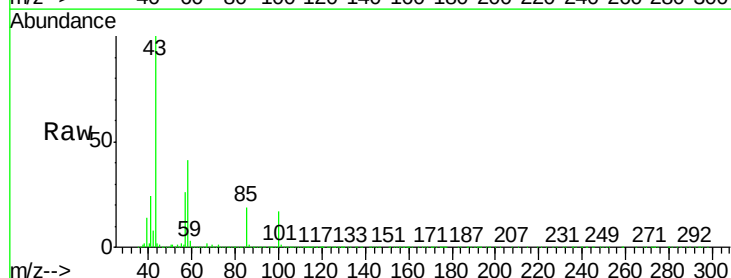
Manual Integrations
APPROVED

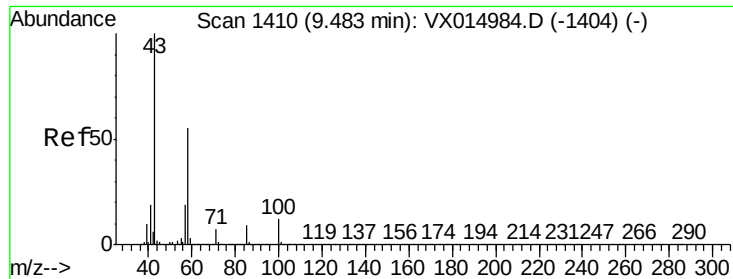
MMDadoda
2/24/2020 11:28:58 AM



#58
4-Methyl-2-Pentanone
Concen: 463.919 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	40.5	31.7	47.5
85	18.4	14.4	21.6





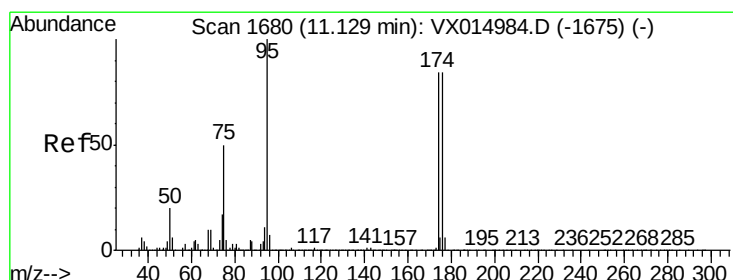
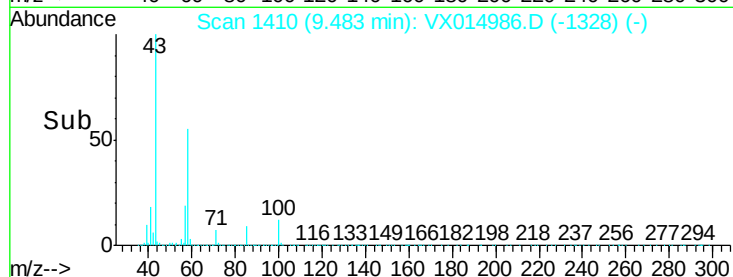
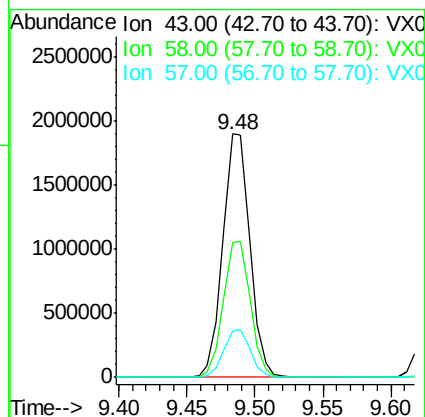
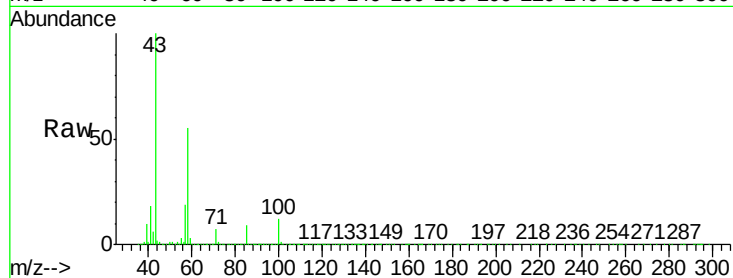
#59
2-Hexanone
Concen: 468.838 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.1	66.1
57	19.5	15.3	22.9

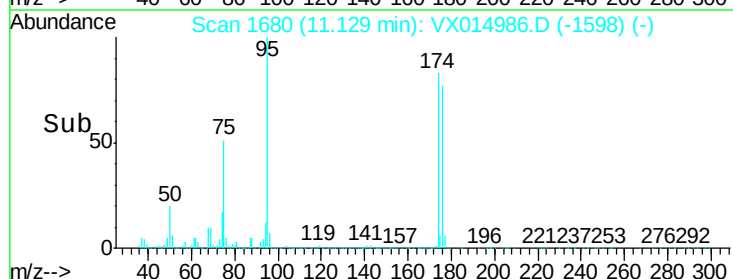
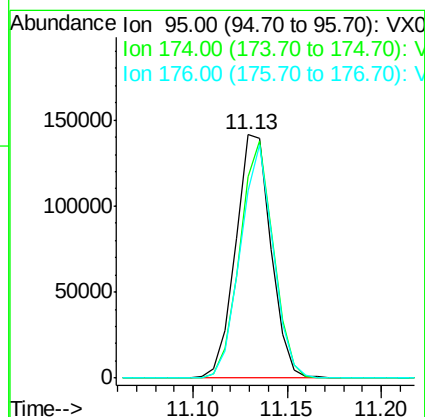
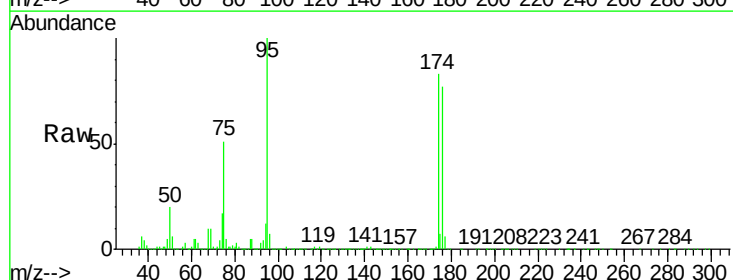
Manual Integrations
APPROVED

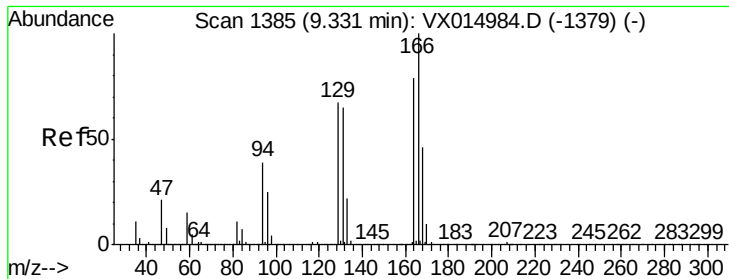
MMDadoda
2/24/2020 11:28:58 AM



#60
4-Bromofluorobenzene
Concen: 29.190 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.7	72.3	108.5
176	89.5	72.0	108.0





#61

Tetrachloroethene

Concen: 91.608 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

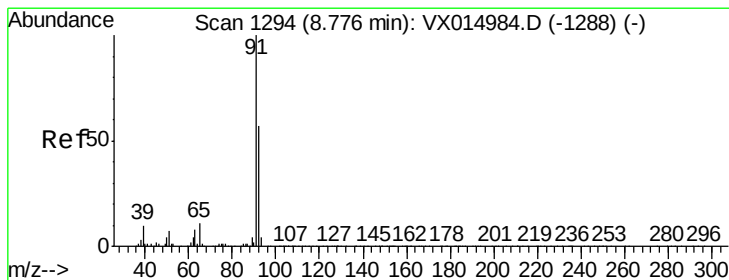
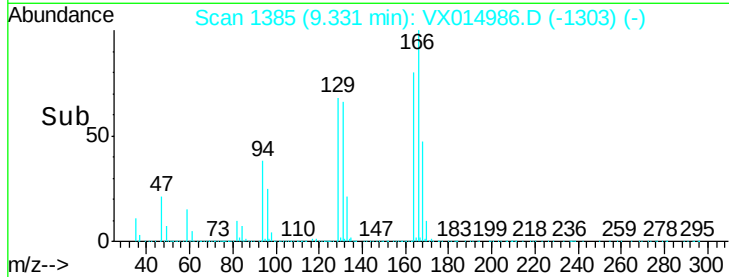
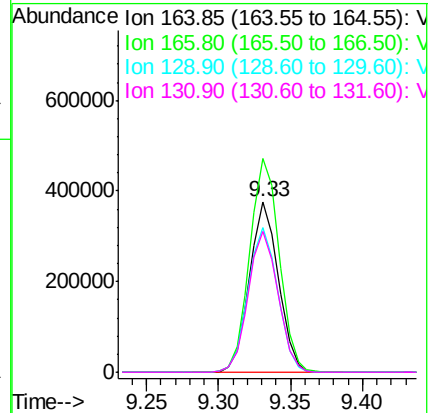
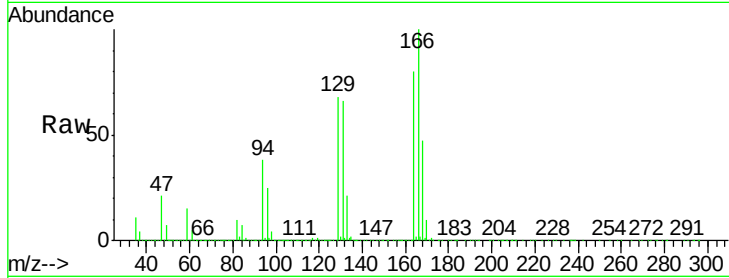
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.2	151.8
129	85.2	67.6	101.4
131	82.6	66.0	99.0

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#62

Toluene

Concen: 98.314 ug/l

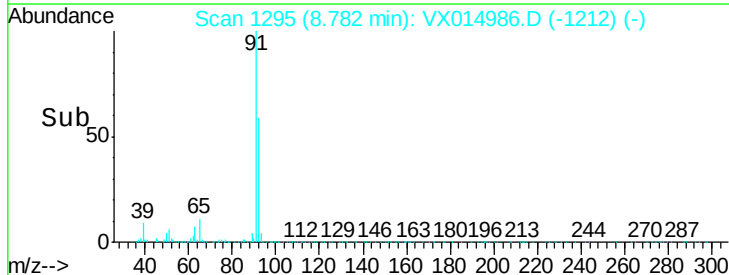
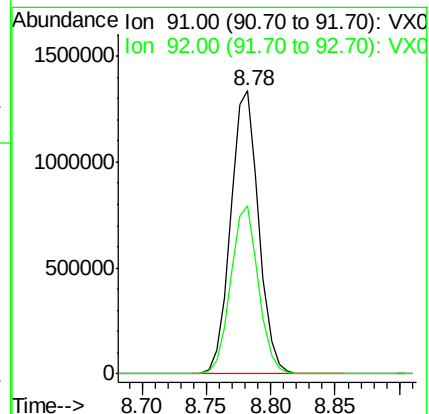
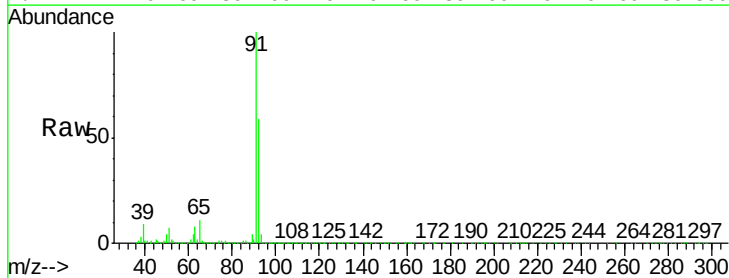
RT: 8.78 min Scan# 1295

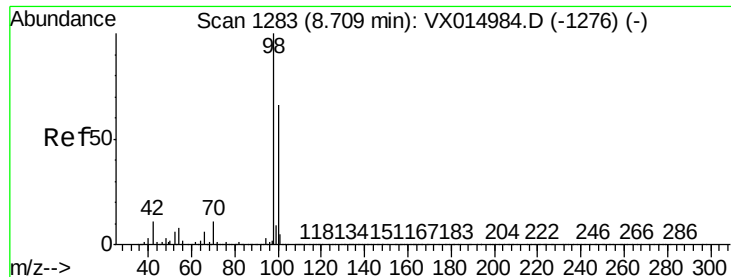
Delta R.T. 0.01 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	46.6	69.8





#63

Toluene-d8

Concen: 28.487 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 98 Resp: 504670

Ion Ratio Lower Upper

98 100

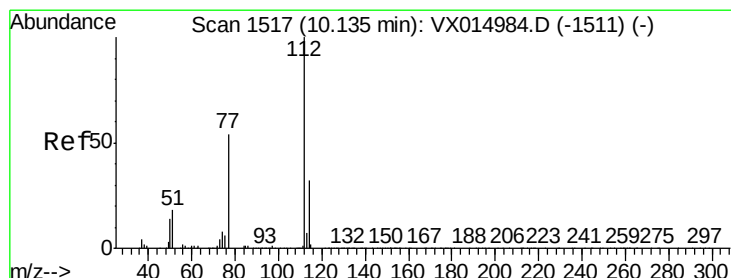
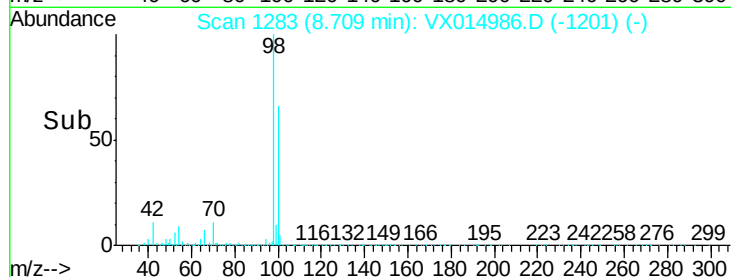
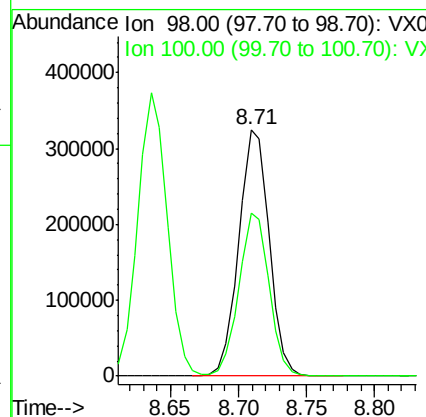
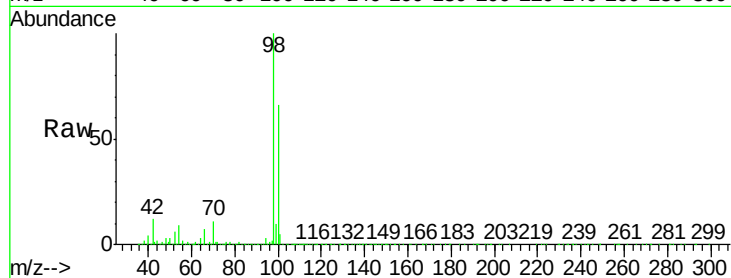
100 65.6 52.8 79.2

Manual Integrations

APPROVED

MMDadoda

2/24/2020 11:28:58 AM



#64

Chlorobenzene

Concen: 100.811 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014986.D

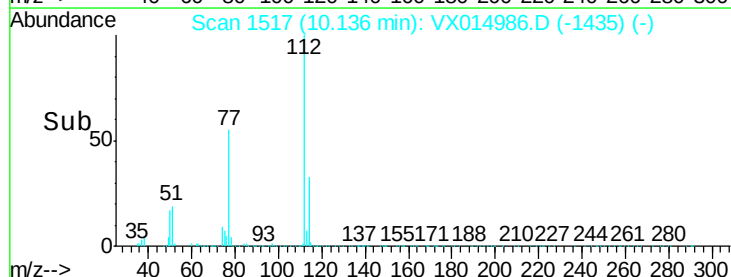
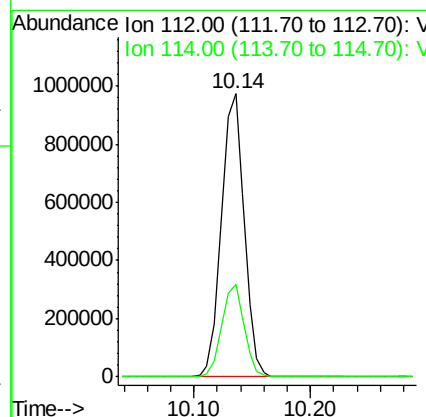
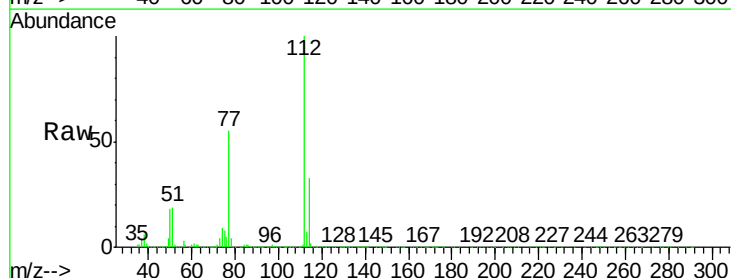
Acq: 21 Feb 2020 10:21

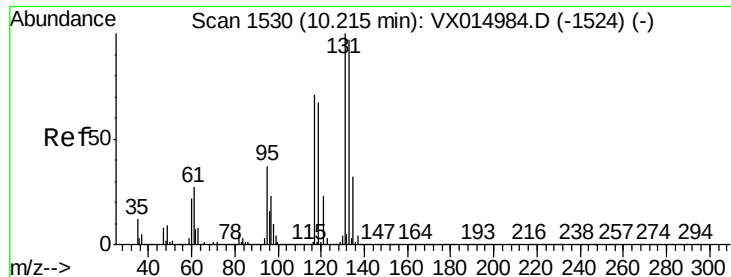
Tgt Ion: 112 Resp: 1304597

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6





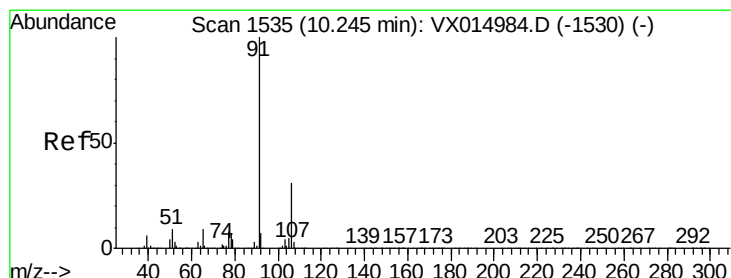
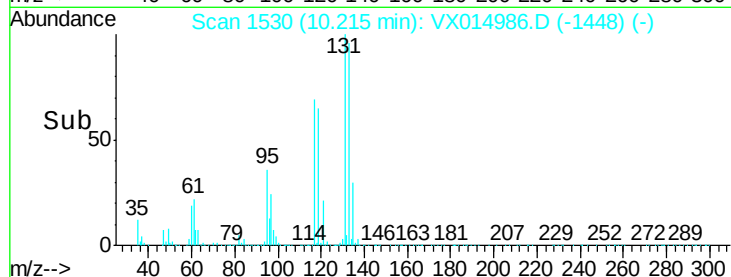
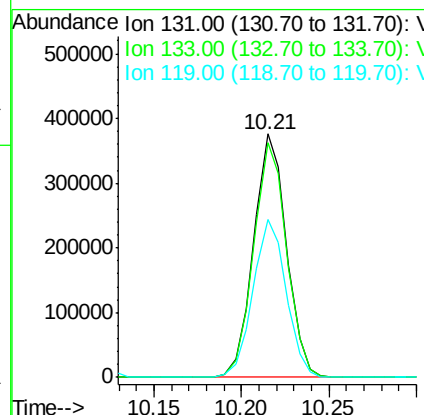
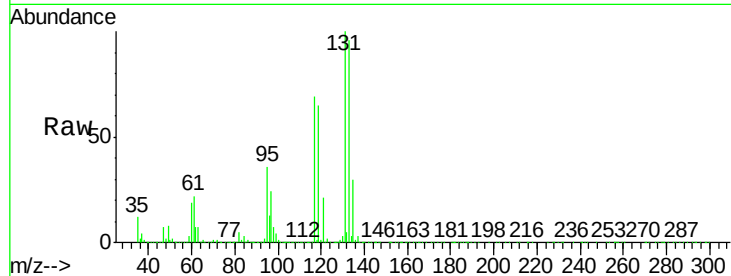
#65
 1,1,1,2-Tetrachloroethane
 Concen: 102.898 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	492250		
133	96.3	0.0	191.4	
119	65.3	0.0	132.0	

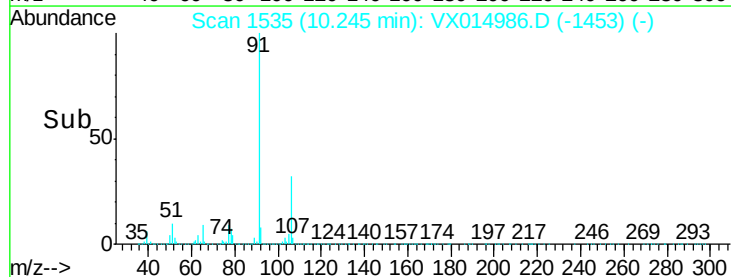
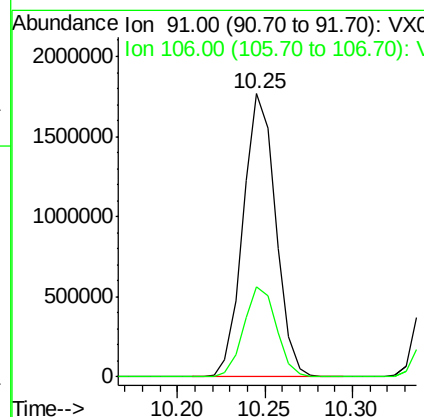
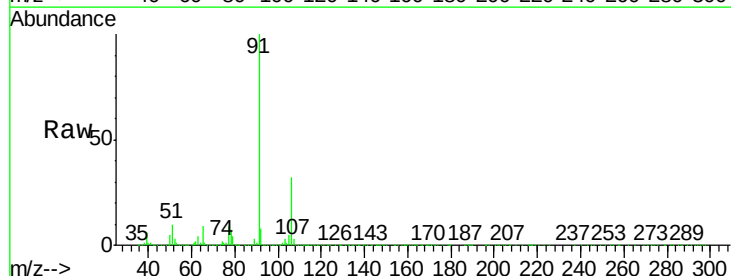
Manual Integrations
 APPROVED

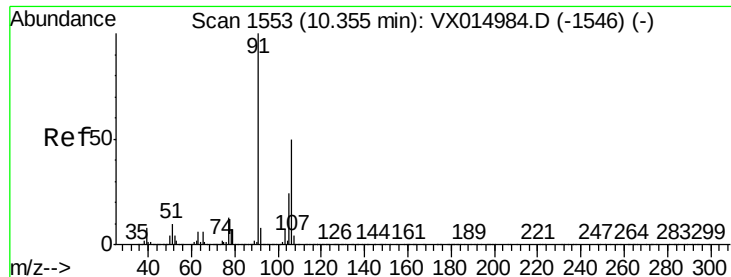
MMDadoda
 2/24/2020 11:28:58 AM



#66
 Ethyl Benzene
 Concen: 101.520 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2293273		
106	31.7	24.7	37.1	





#67

m/p-Xylenes

Concen: 204.975 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:106 Resp: 1772612

Ion Ratio Lower Upper

106 100

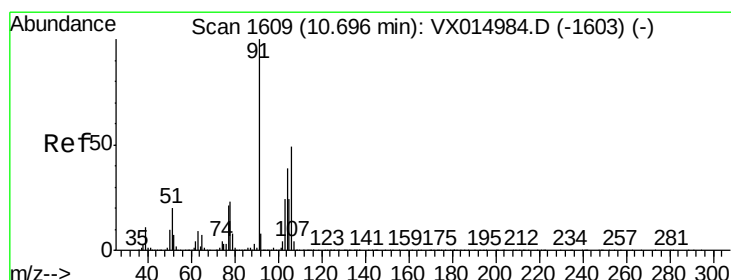
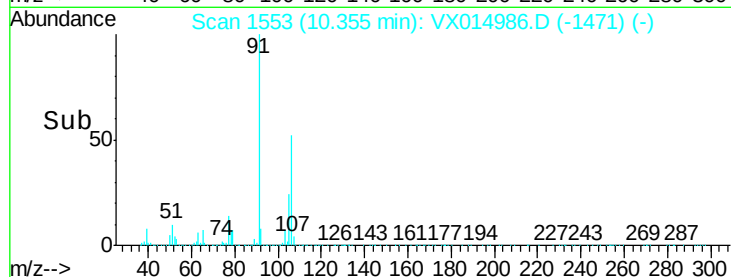
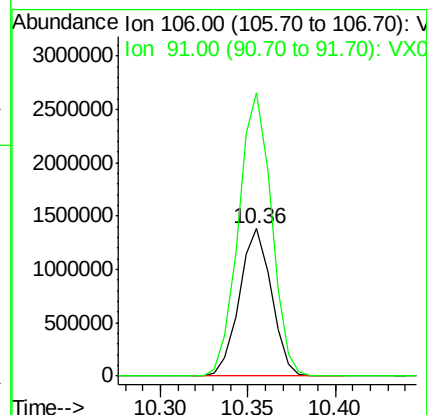
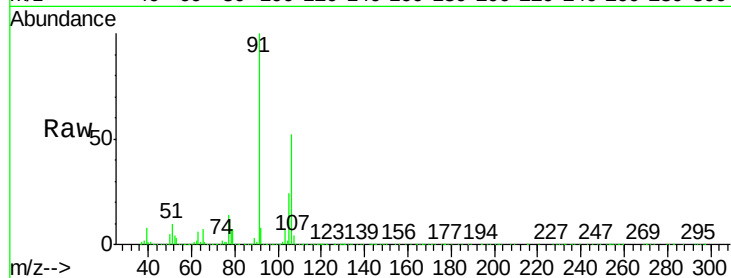
91 196.2 160.4 240.6

Manual Integrations

APPROVED

MMDadoda

2/24/2020 11:28:58 AM



#68

o-Xylene

Concen: 101.526 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014986.D

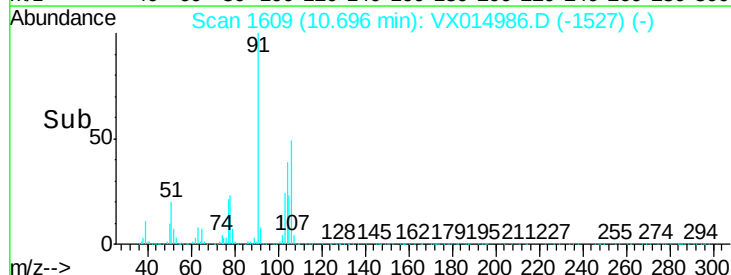
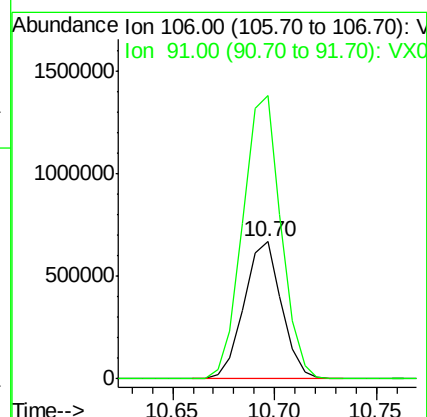
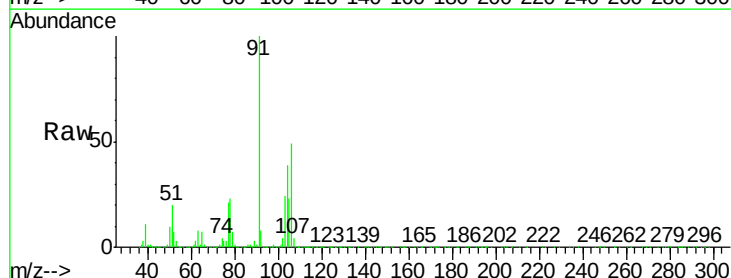
Acq: 21 Feb 2020 10:21

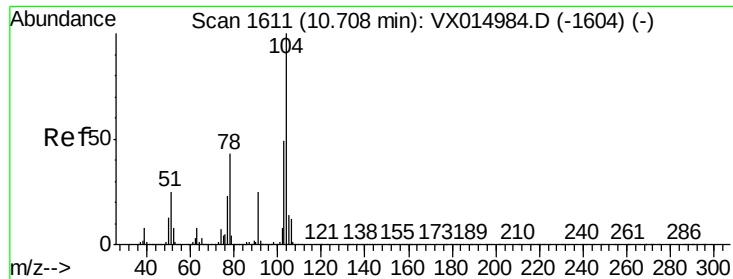
Tgt Ion:106 Resp: 854394

Ion Ratio Lower Upper

106 100

91 209.6 105.3 315.9





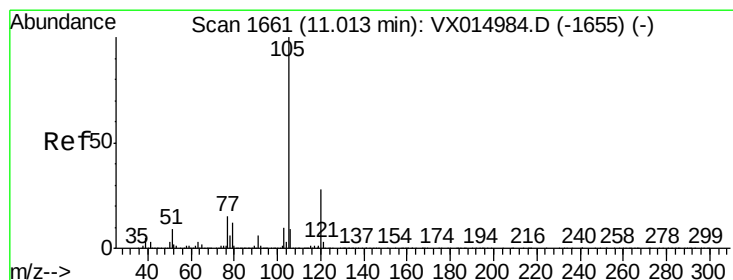
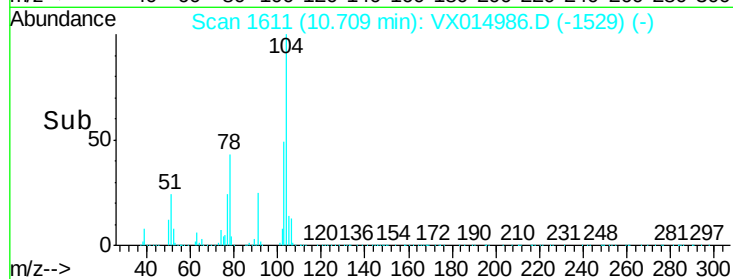
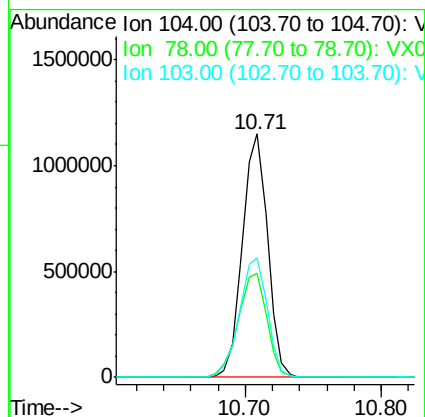
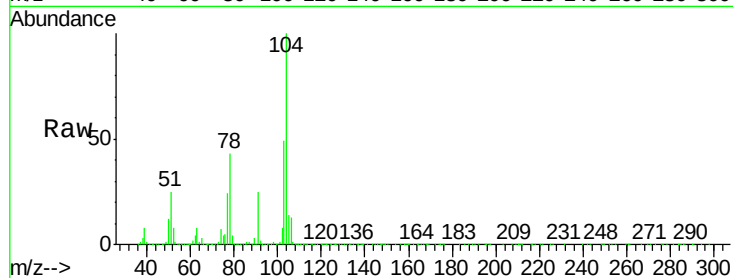
#69
Stvrene
Concen: 104.309 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.5	39.4	59.2
103	103	54.3	42.9	64.3

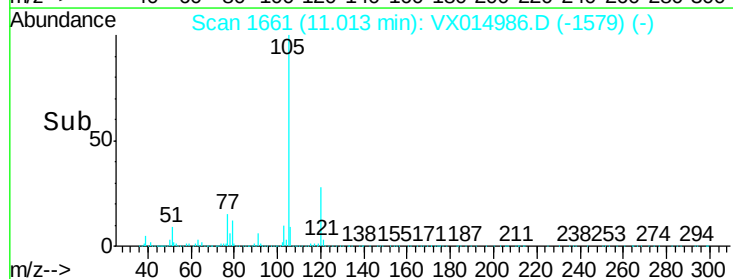
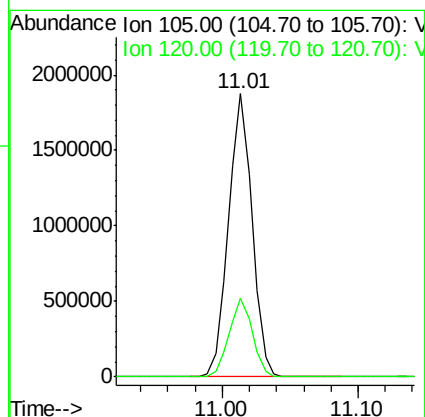
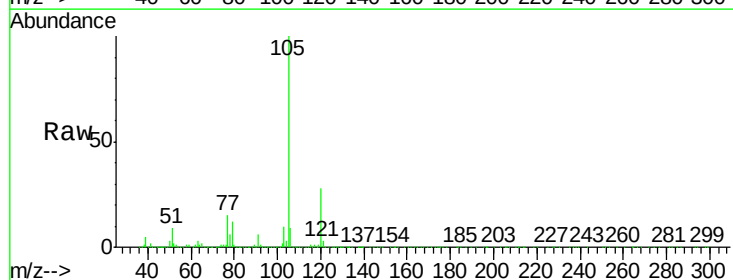
Manual Integrations
APPROVED

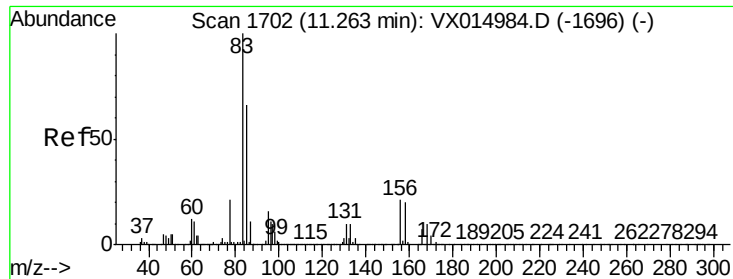
MMDadoda
2/24/2020 11:28:58 AM



#70
Isopropylbenzene
Concen: 101.702 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
105	105	100		
120	120	27.5	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 98.197 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 724575

Ion Ratio Lower Upper

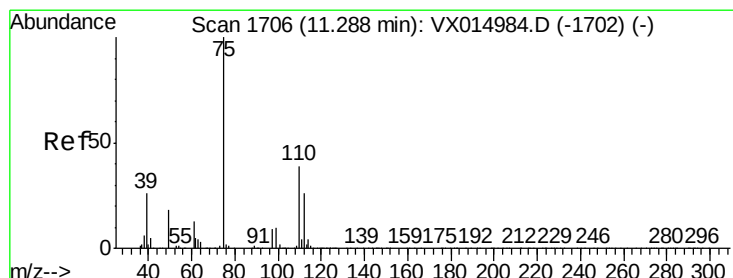
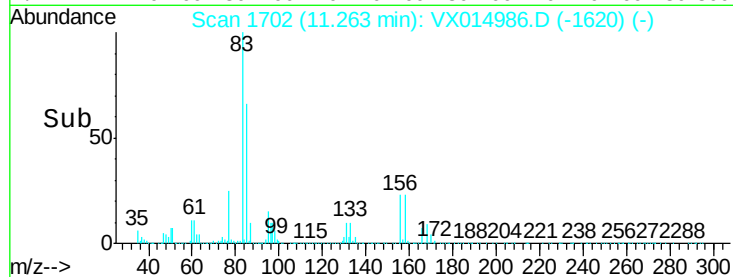
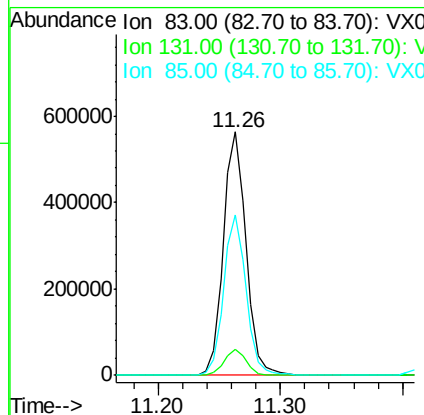
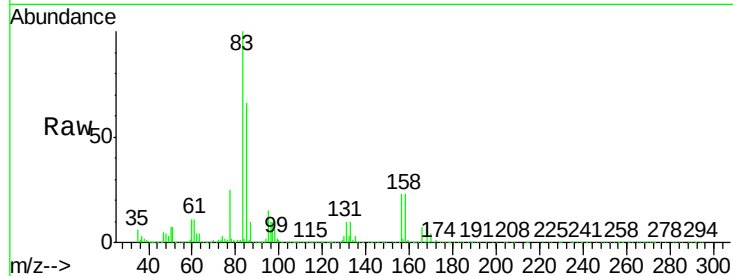
83 100

131 10.3 5.1 15.4

85 65.2 32.2 96.6

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#72

1,2,3-Trichloropropane

Concen: 92.538 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX014986.D

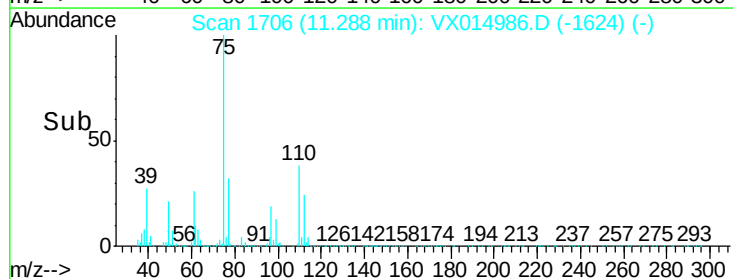
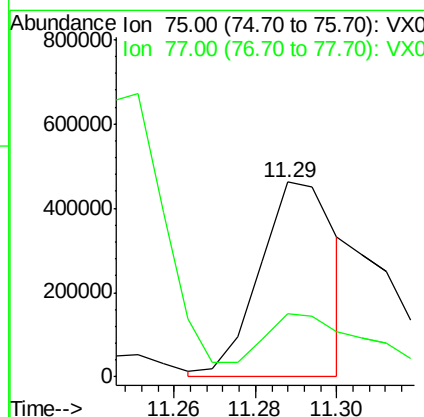
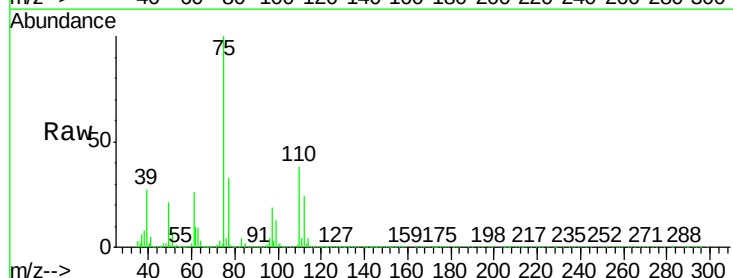
Acq: 21 Feb 2020 10:21

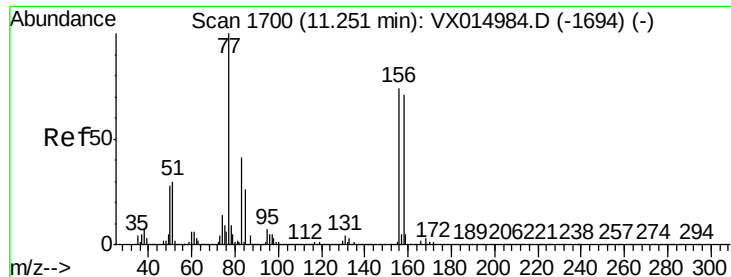
Tgt Ion: 75 Resp: 597523

Ion Ratio Lower Upper

75 100

77 44.1 0.0 75.4





#73

Bromobenzene

Concen: 103.267 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

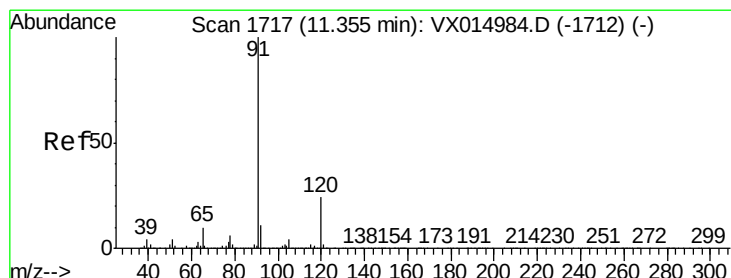
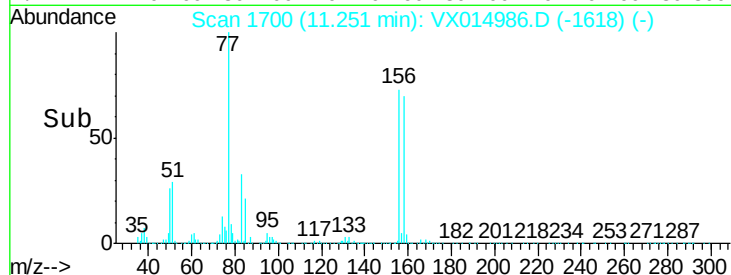
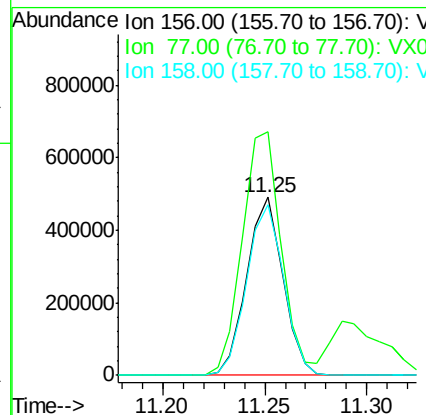
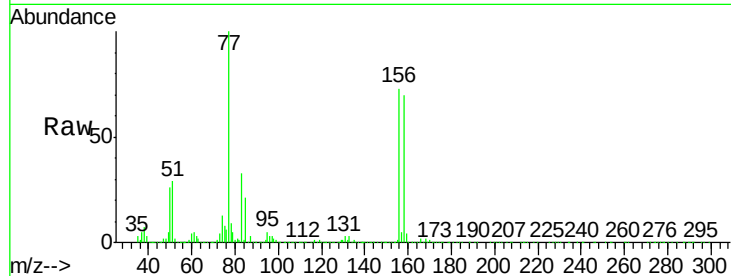
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.1	0.0	286.8
158	97.9	0.0	191.8

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#74

n-propylbenzene

Concen: 102.899 ug/l

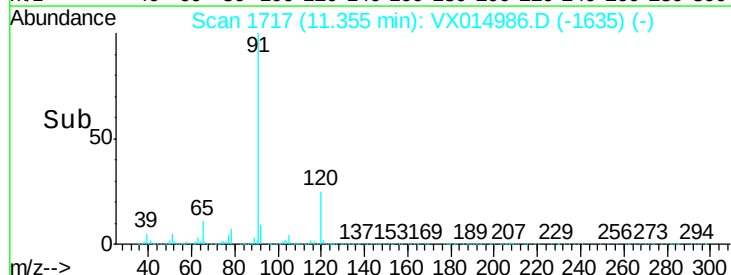
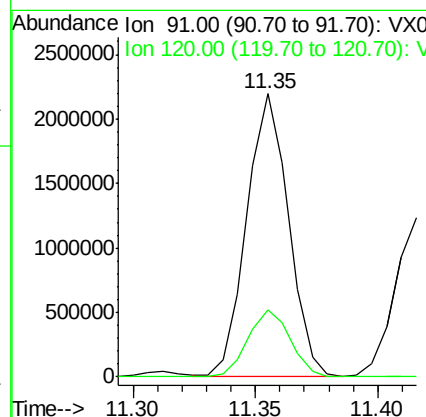
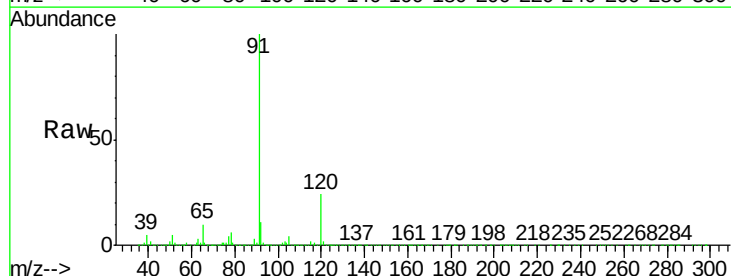
RT: 11.35 min Scan# 1717

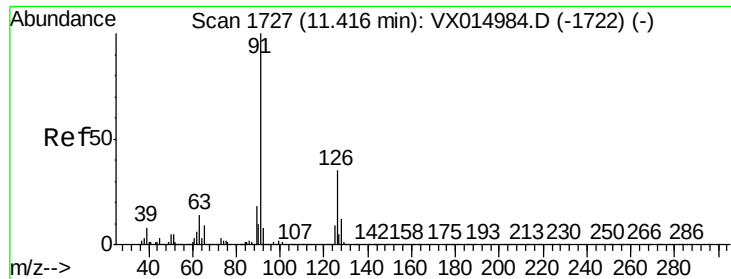
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	0.0	47.0





#75

2-Chlorotoluene

Concen: 100.475 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1523428

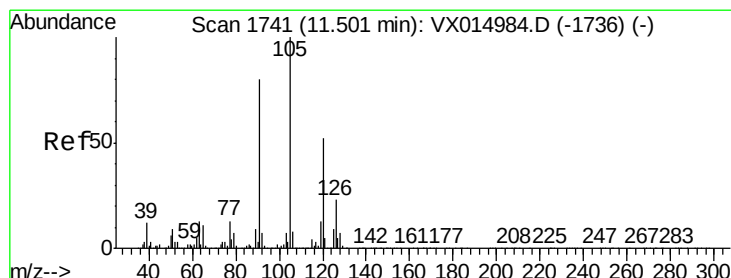
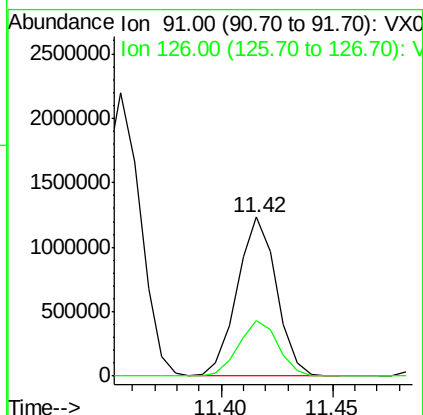
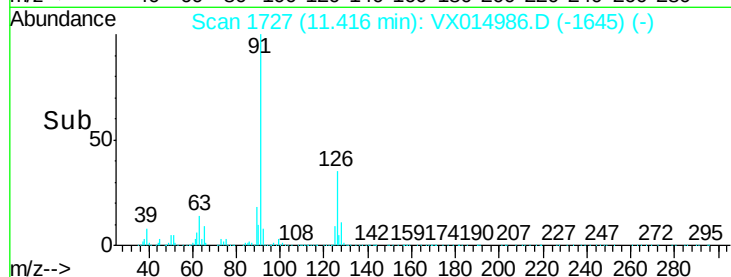
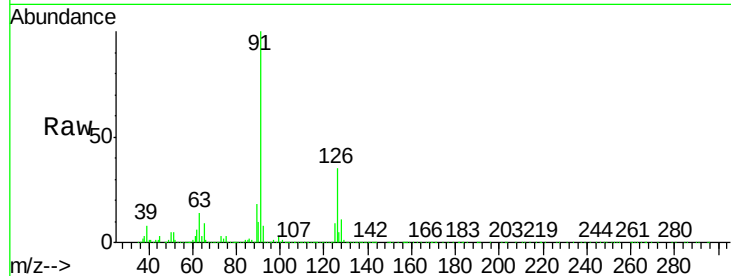
Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.0

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#76

1,3,5-Trimethylbenzene

Concen: 103.837 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014986.D

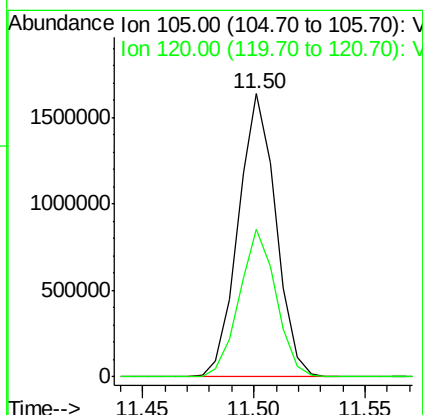
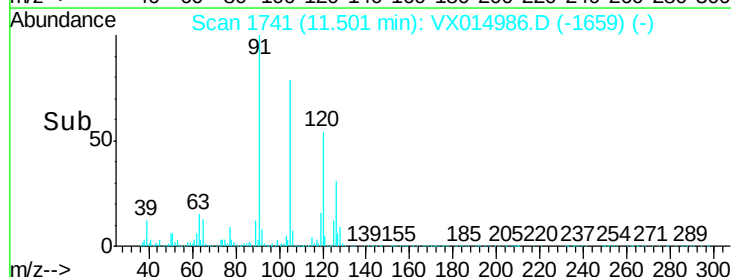
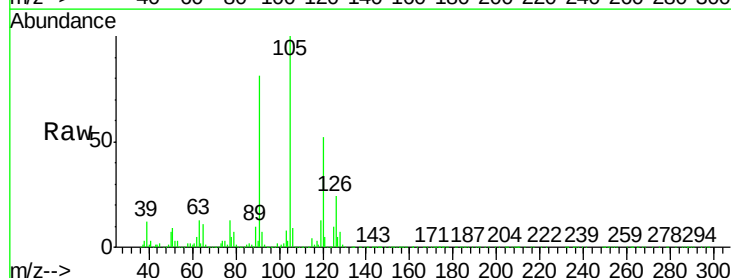
Acq: 21 Feb 2020 10:21

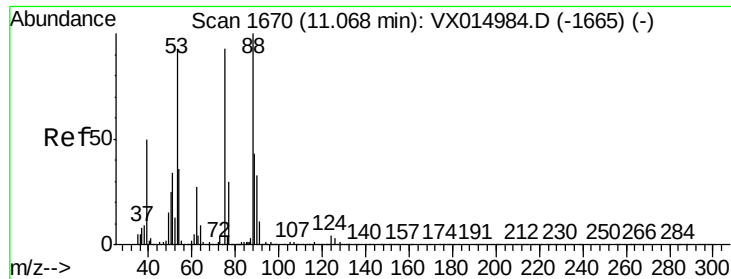
Tgt Ion: 105 Resp: 1918383

Ion Ratio Lower Upper

105 100

120 51.1 0.0 101.0





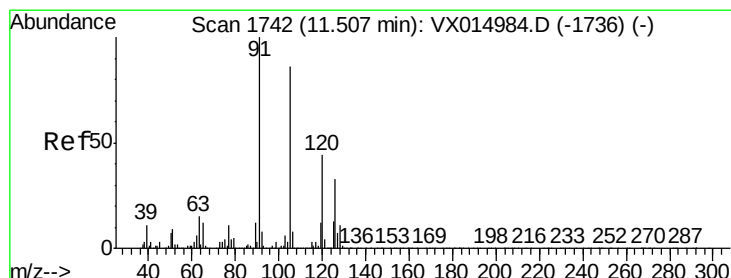
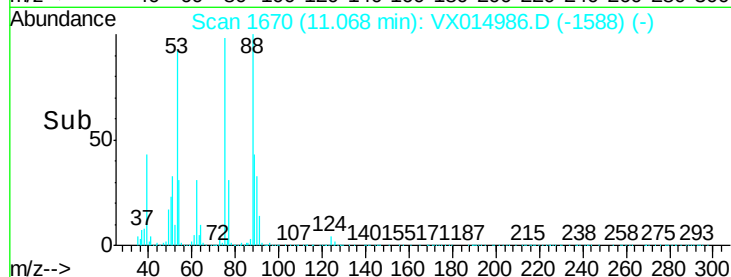
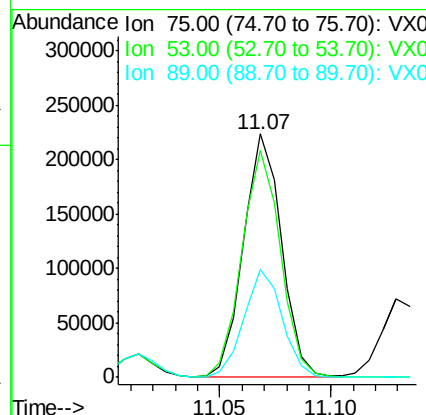
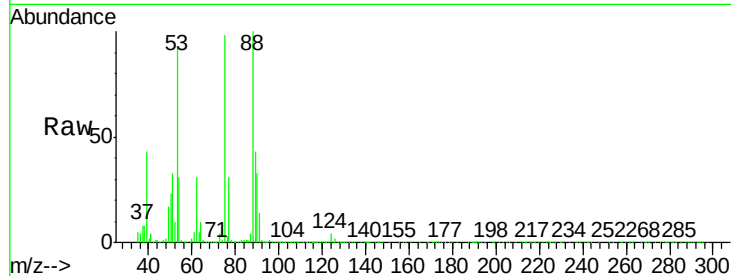
#77
t-1,4-Dichloro-2-butene
Concen: 109.622 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	50.0	149.8
89	44.1	23.5	70.5

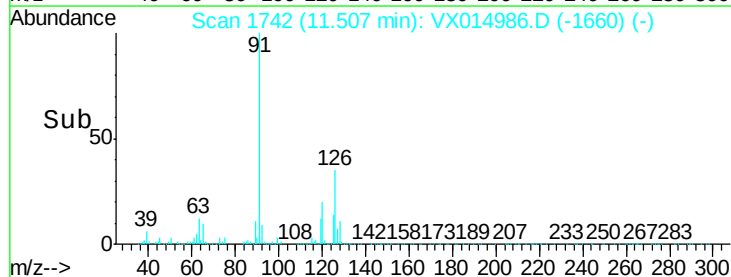
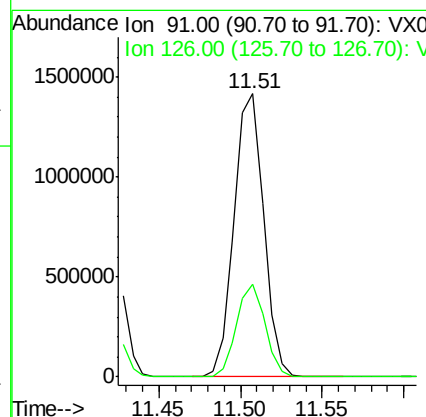
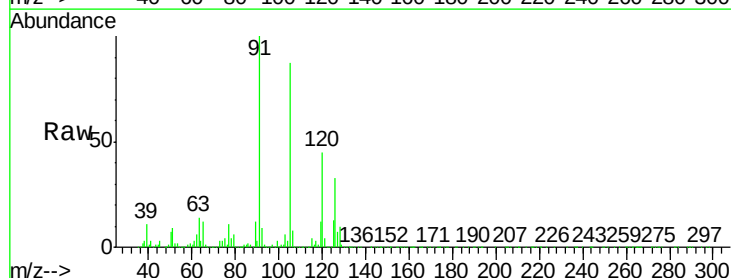
Manual Integrations
APPROVED

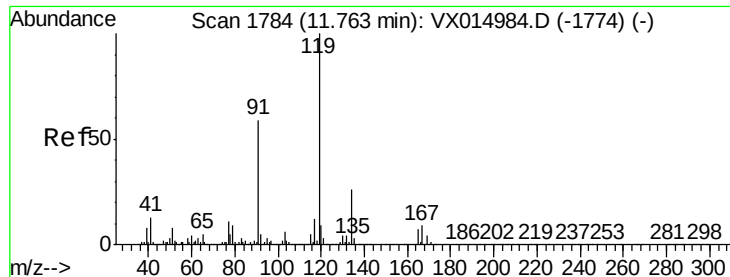
MMDadoda
2/24/2020 11:28:58 AM



#78
4-Chlorotoluene
Concen: 103.800 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	62.0





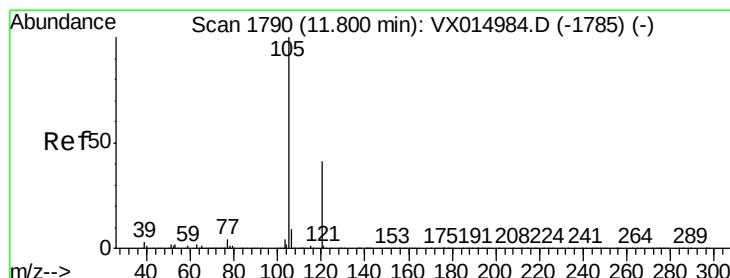
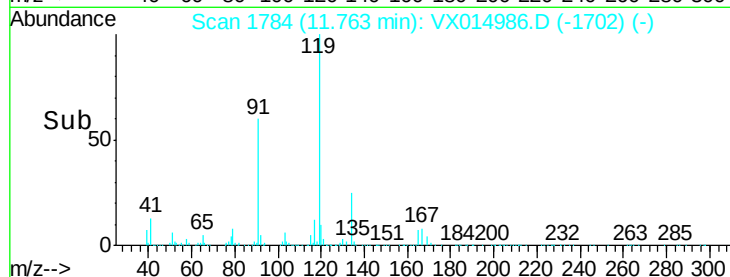
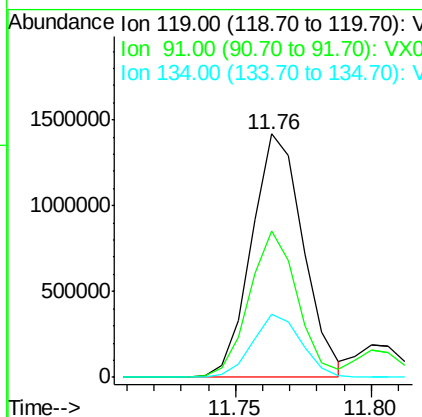
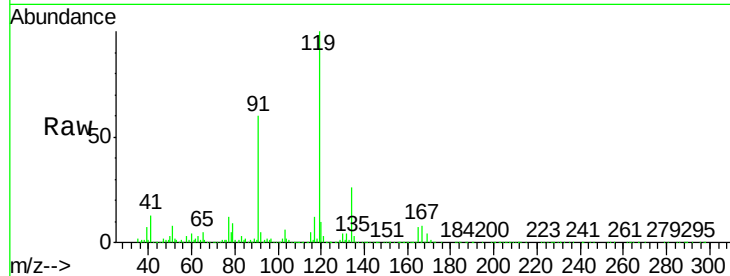
#79
tert-butylbenzene
Concen: 107.413 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	0.0	114.4
134	24.6	0.0	48.8

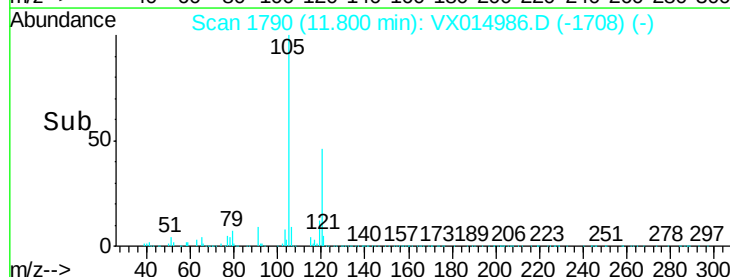
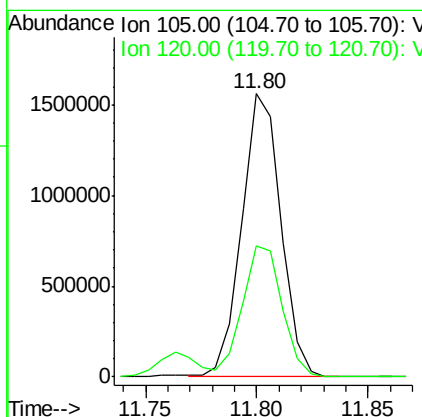
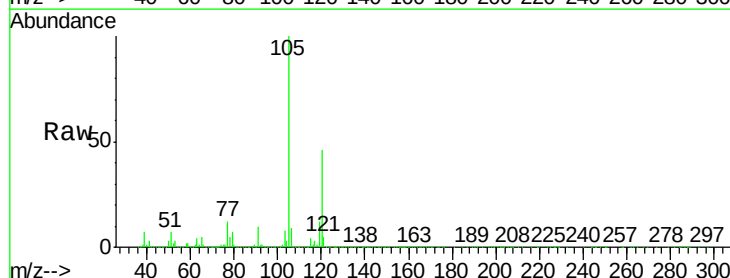
Manual Integrations
APPROVED

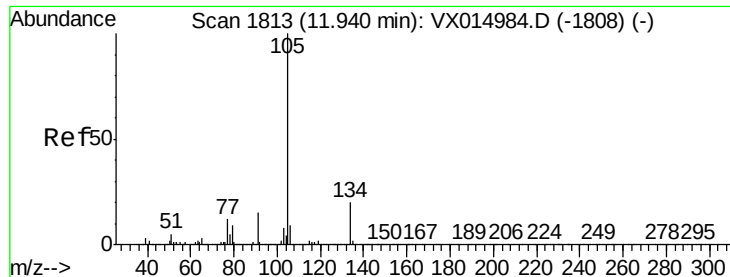
MMDadoda
2/24/2020 11:28:58 AM



#80
1,2,4-Trimethylbenzene
Concen: 103.996 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	0.0	93.4





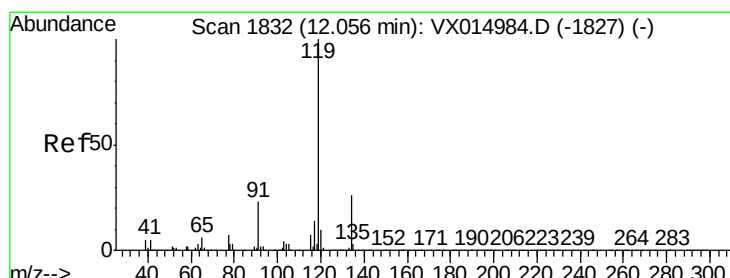
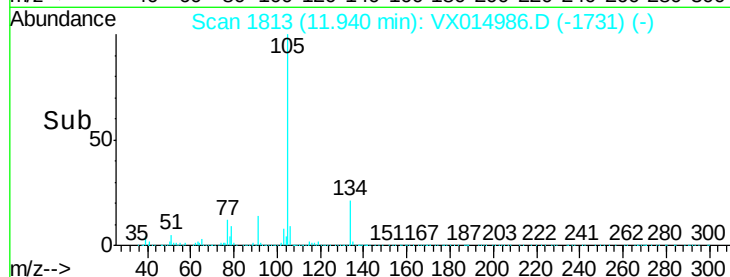
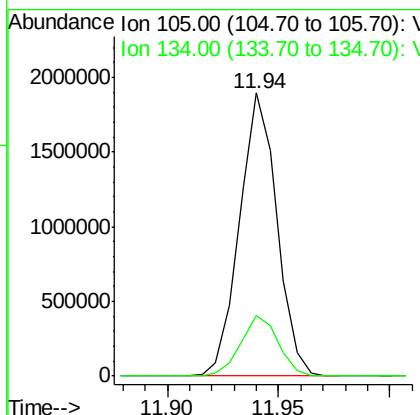
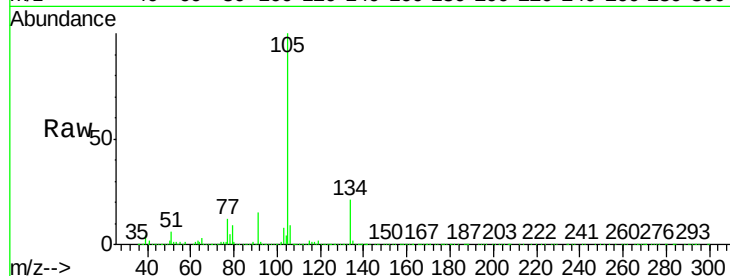
#81
 sec-Butylbenzene
 Concen: 103.358 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 2216671
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 40.8

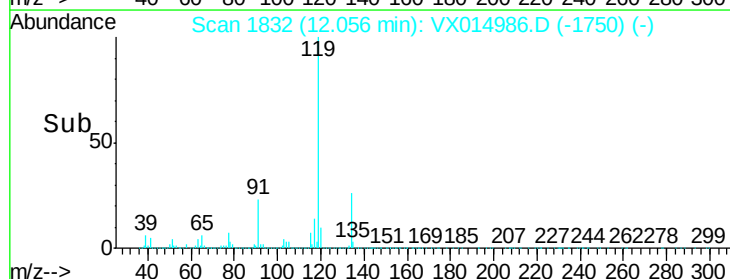
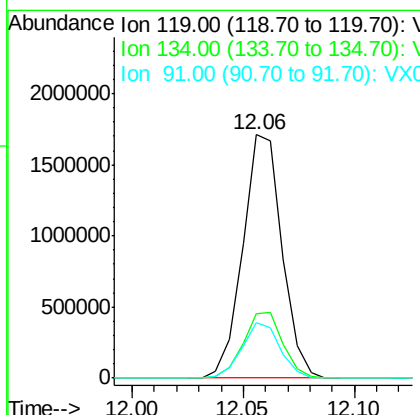
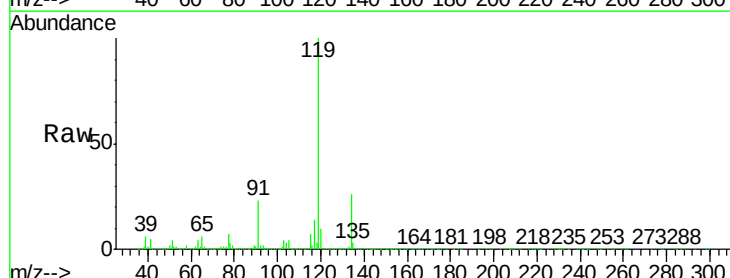
Manual Integrations
 APPROVED

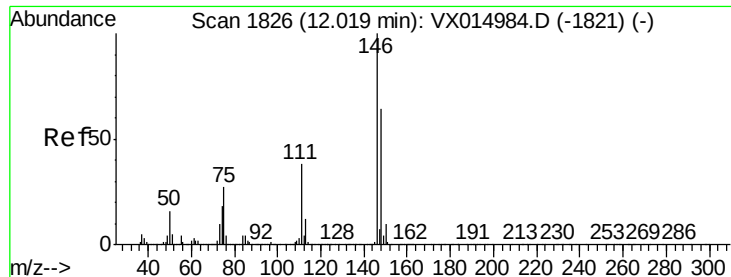
MMDadoda
 2/24/2020 11:28:58 AM



#82
 p-Isopropyltoluene
 Concen: 106.852 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Tgt Ion:119 Resp: 2094514
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 53.2
 91 22.3 0.0 44.6





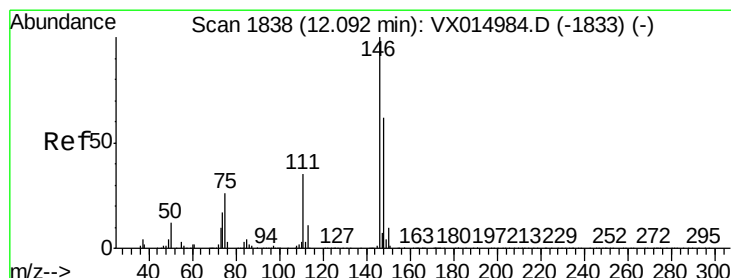
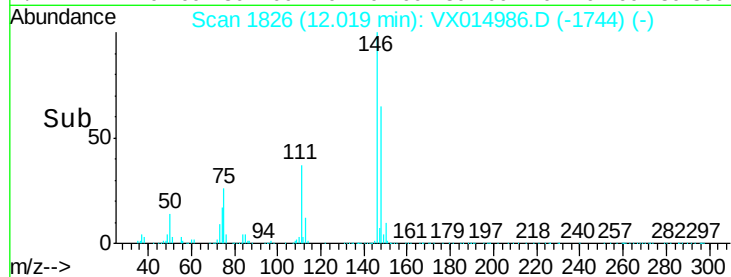
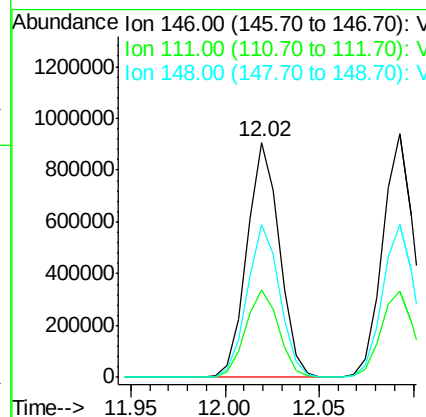
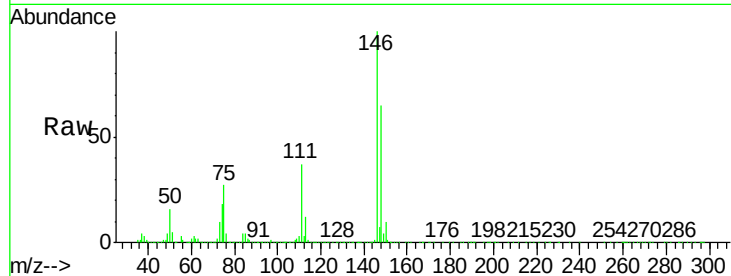
#83
 1,3-Dichlorobenzene
 Concen: 105.607 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.9
148	65.0	32.3	96.9

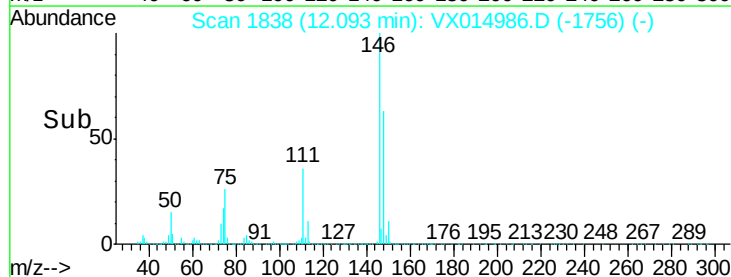
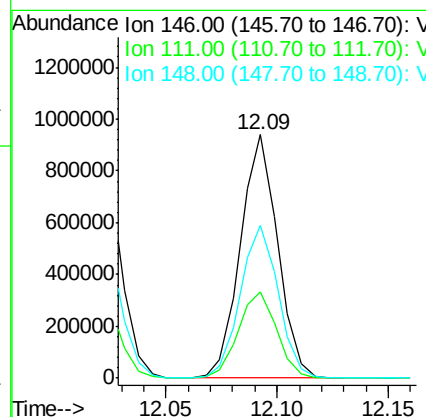
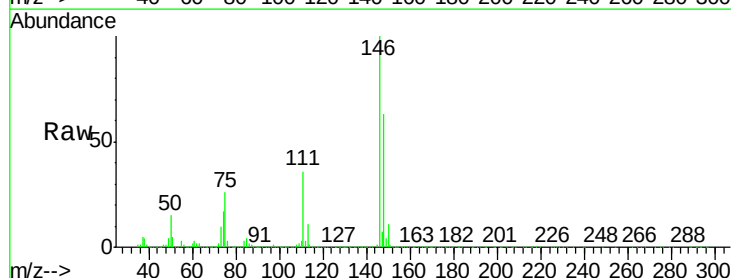
Manual Integrations
 APPROVED

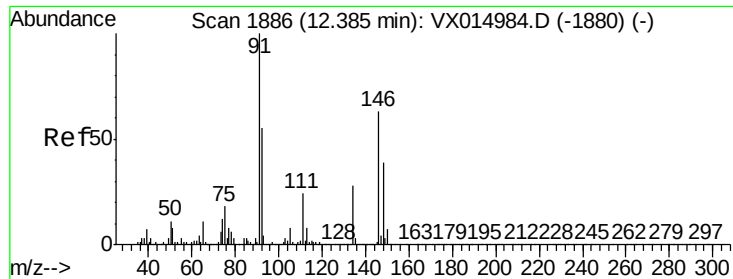
MMDadoda
 2/24/2020 11:28:58 AM



#84
 1,4-Dichlorobenzene
 Concen: 106.756 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.8	53.5
148	64.0	31.4	94.2





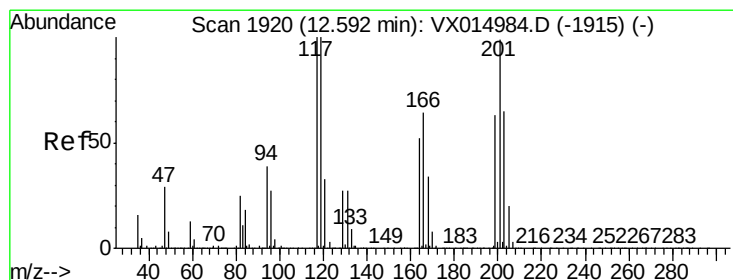
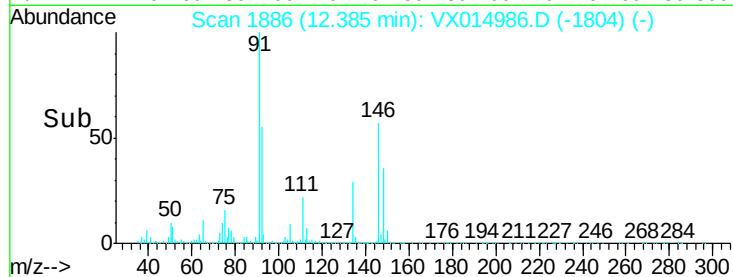
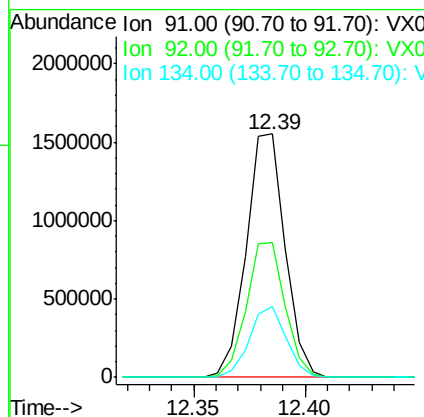
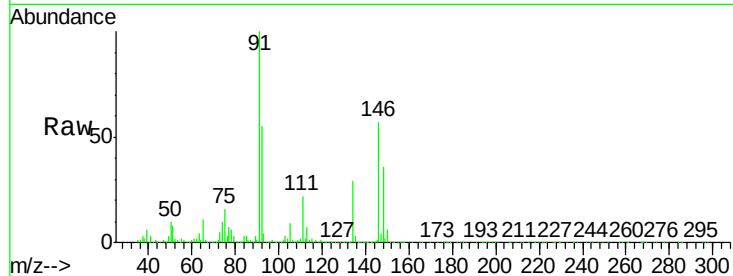
#85
n-Butylbenzene
Concen: 110.213 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	0.0	109.8
134	27.8	0.0	54.8

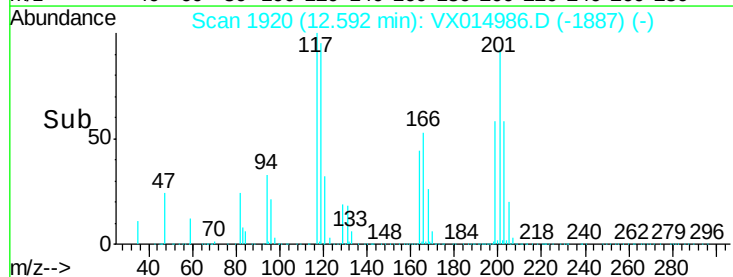
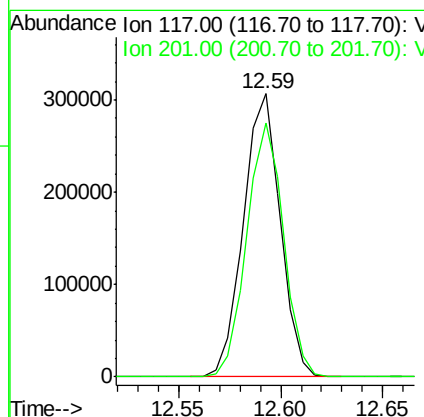
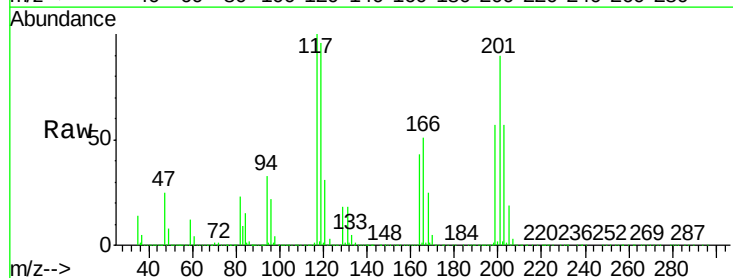
Manual Integrations
APPROVED

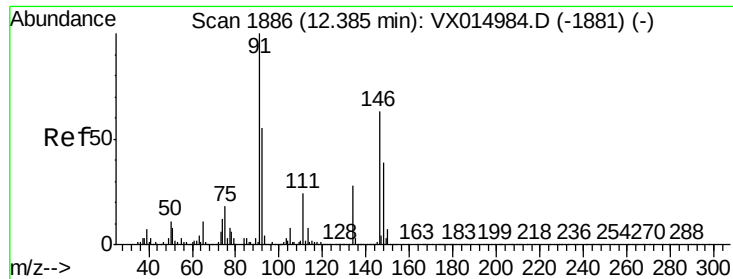
MMDadoda
2/24/2020 11:28:58 AM



#86
Hexachloroethane
Concen: 110.060 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 103.770 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014986.D

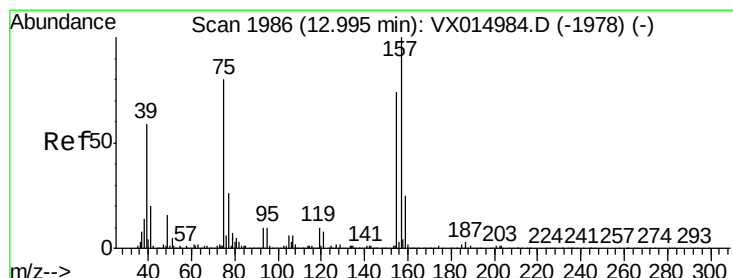
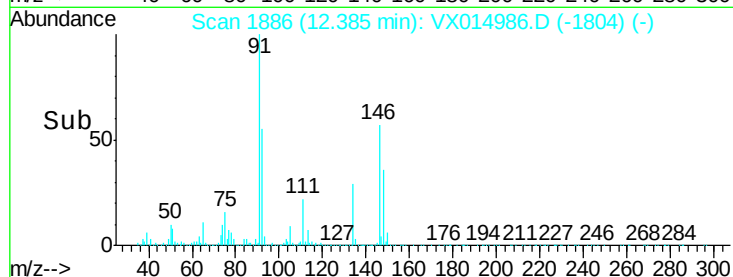
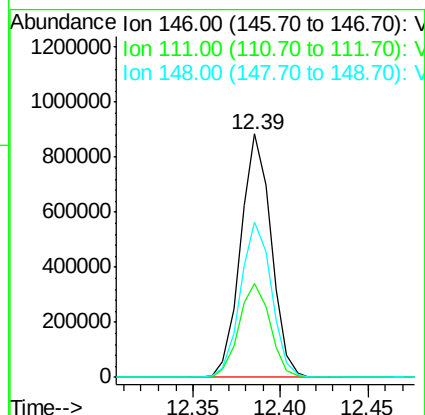
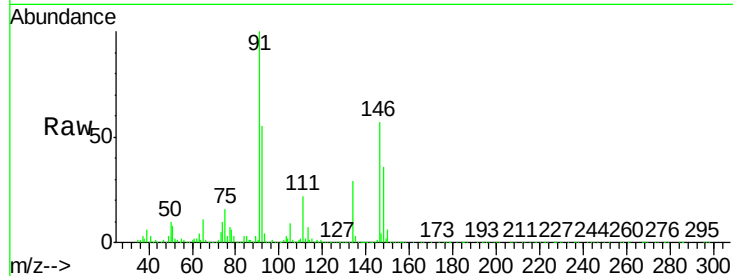
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.6	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 102.723 ug/l

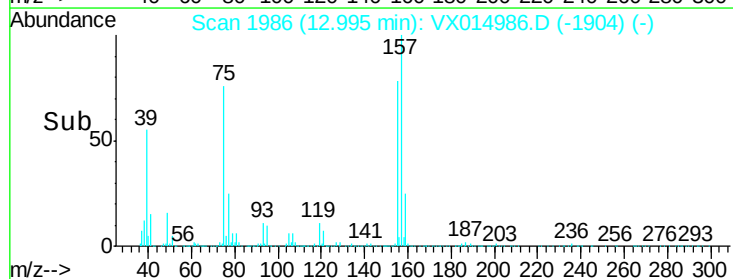
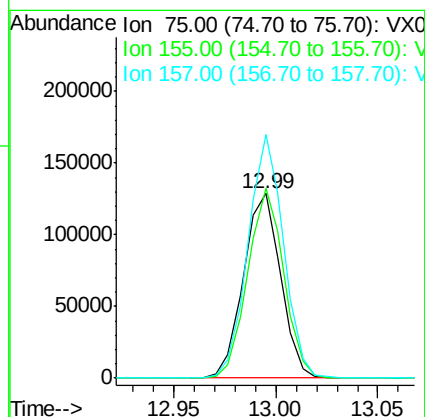
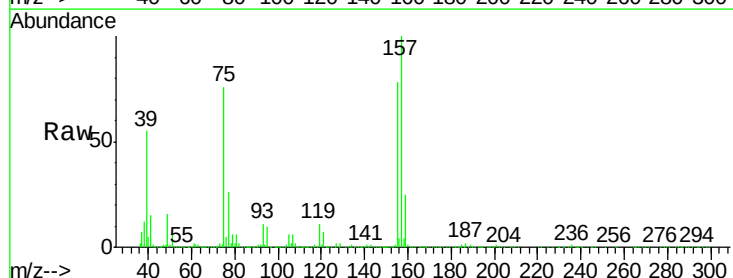
RT: 12.99 min Scan# 1986

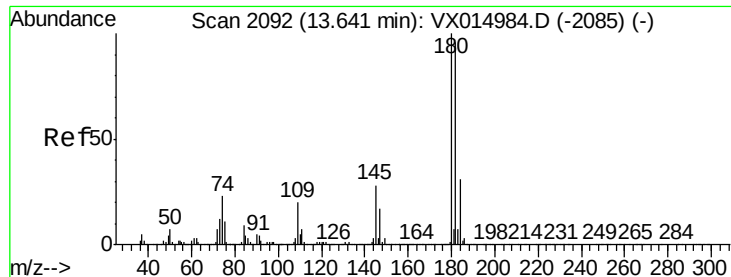
Delta R.T. 0.00 min

Lab File: VX014986.D

Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	74.5	111.7
157	126.7	96.2	144.4





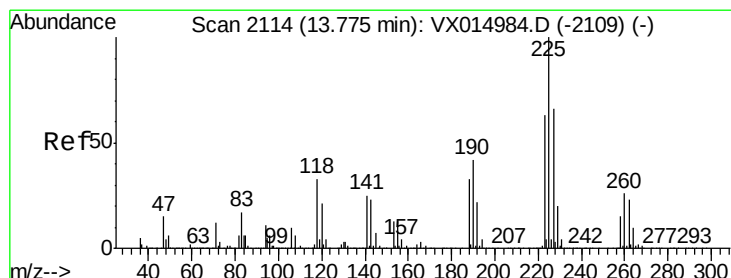
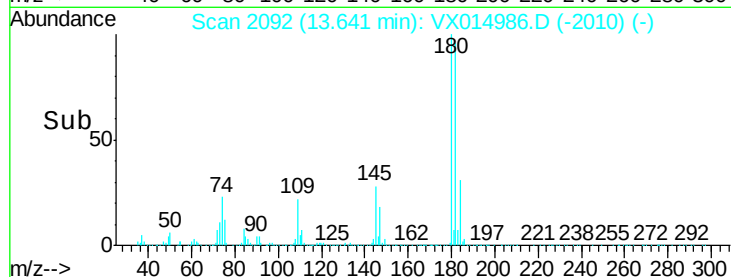
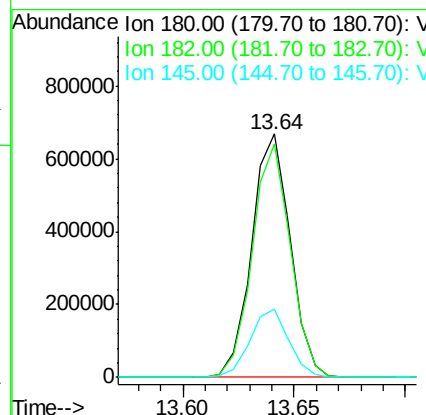
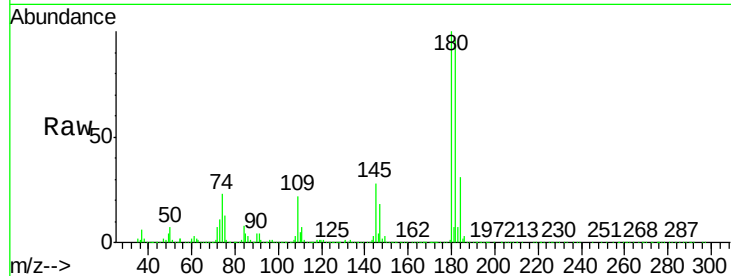
#89
 1,2,4-Trichlorobenzene
 Concen: 116.431 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	808082		
182	94.9	76.4	114.6	
145	27.9	21.8	32.6	

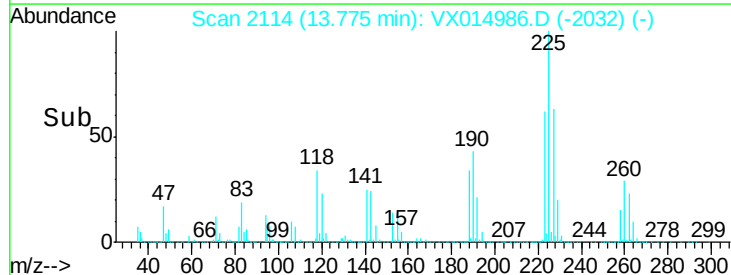
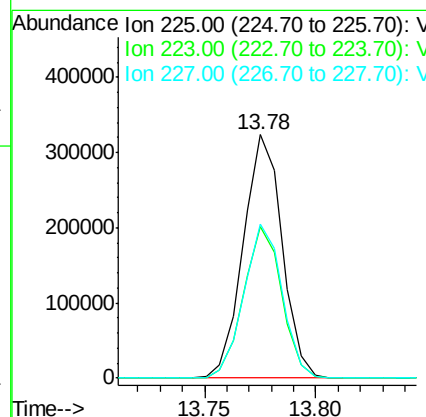
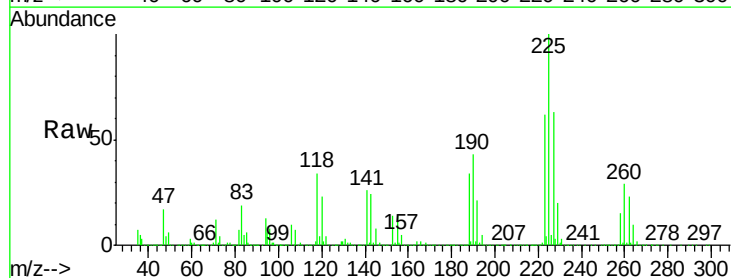
Manual Integrations
 APPROVED

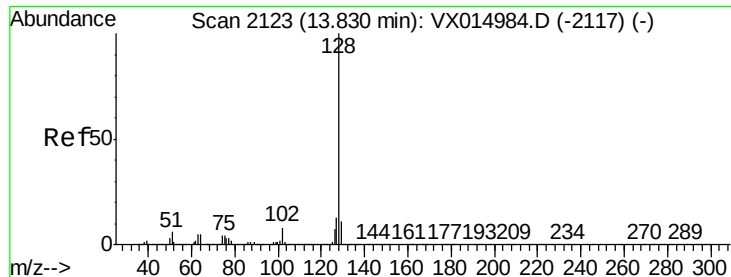
MMDadoda
 2/24/2020 11:28:58 AM



#90
 Hexachlorobutadiene
 Concen: 113.549 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014986.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	392878		
223	61.6	0.0	132.0	
227	62.4	0.0	131.0	





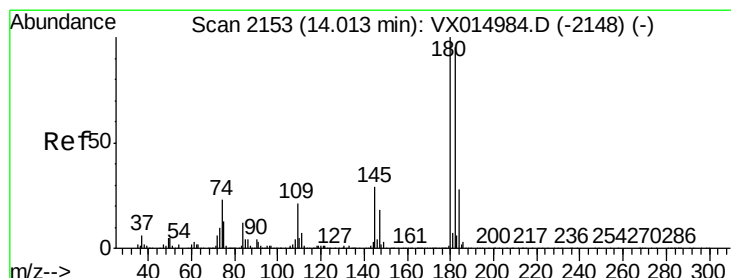
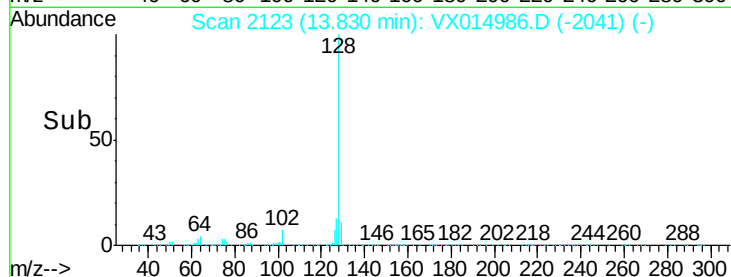
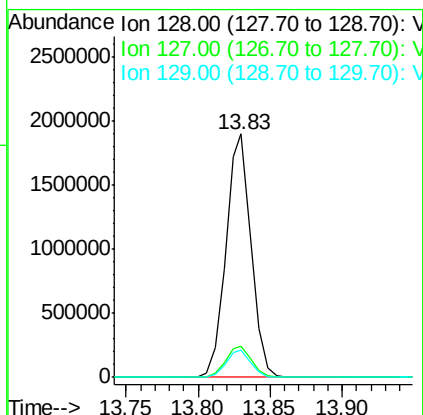
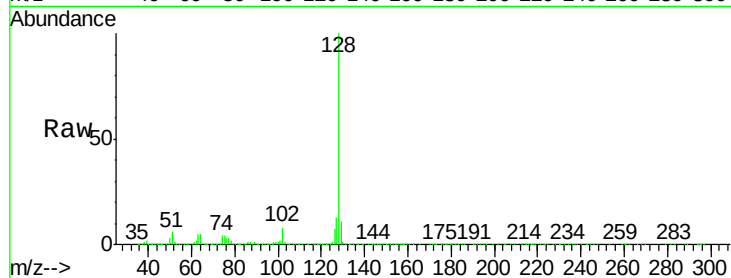
#91
Naphthalene
Concen: 112.075 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:28:58 AM



#92
1,2,3-Trichlorobenzene
Concen: 112.294 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014986.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	0.0	192.4
145	29.9	0.0	60.4

