

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014598.D
 Acq On : 14 Jan 2020 11:13
 Operator : JC/SP
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:01 AM

Quant Time: Jan 15 00:44:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	486993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	722955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	645820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	261050	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	214507	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	841969	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	291270	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115748	19.300	ug/l	97
3) Chloromethane	1.32	50	118267	19.052	ug/l	99
4) Vinyl Chloride	1.40	62	135324	19.563	ug/l	100
5) Bromomethane	1.64	94	78297	17.076	ug/l	99
6) Chloroethane	1.72	64	75985	19.370	ug/l	99
7) Trichlorofluoromethane	1.92	101	149130	19.005	ug/l	98
8) Diethyl Ether	2.18	74	63112	17.630	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90413	18.939	ug/l	99
10) Methyl Iodide	2.50	142	103245	18.061	ug/l	100
11) Tert butyl alcohol	3.02	59	102290	90.113	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86889	18.065	ug/l	98
13) Acrolein	2.28	56	60745	66.765	ug/l	99
14) Allyl chloride	2.72	41	155300	18.391	ug/l	99
15) Acrylonitrile	3.12	53	254054	92.732	ug/l	100
16) Acetone	2.43	43	249433	88.812	ug/l	96
17) Carbon Disulfide	2.56	76	228759	17.045	ug/l	99
18) Methyl Acetate	2.76	43	155862	19.947	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	284156	18.404	ug/l	100
20) Methylene Chloride	2.85	84	101455	18.551	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	93117	17.733	ug/l	96
22) Diisopropyl ether	3.84	45	320779	19.657	ug/l	93
23) Vinyl Acetate	3.80	43	1219646	96.533	ug/l	99
24) 1,1-Dichloroethane	3.69	63	168549	18.986	ug/l	99
25) 2-Butanone	4.65	43	362888	89.361	ug/l	98
26) 2,2-Dichloropropane	4.57	77	136577	18.161	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	108796	18.534	ug/l	99
28) Bromochloromethane	5.00	49	71009	18.983	ug/l	95
29) Tetrahydrofuran	5.11	42	227749	94.857	ug/l	99
30) Chloroform	5.20	83	165854	19.119	ug/l	98
31) Cyclohexane	5.56	56	158488	19.073	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	139567	18.796	ug/l	99
36) 1,1-Dichloropropene	5.79	75	127074	18.691	ug/l	100
37) Ethyl Acetate	4.81	43	138708	18.783	ug/l	98
38) Carbon Tetrachloride	5.78	117	118854	18.997	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011420\
 Data File : VX014598.D
 Acq On : 14 Jan 2020 11:13
 Operator : JC/SP
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0114WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:01 AM

Quant Time: Jan 15 00:44:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160492	18.790	ug/l	98
40) Benzene	6.13	78	390708	19.363	ug/l	98
41) Methacrylonitrile	5.02	41	75996	19.297	ug/l	98
42) 1,2-Dichloroethane	6.18	62	136062	19.285	ug/l	99
43) Isopropyl Acetate	6.43	43	223262	18.715	ug/l	98
44) Trichloroethene	7.20	130	107750	18.581	ug/l	99
45) 1,2-Dichloropropane	7.50	63	102752	19.973	ug/l	98
46) Dibromomethane	7.65	93	63655	17.728	ug/l	98
47) Bromodichloromethane	7.89	83	126642	19.383	ug/l	99
48) Methyl methacrylate	7.76	41	109307	19.131	ug/l	99
49) 1,4-Dioxane	7.73	88	44425	366.946	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	708275	97.430	ug/l	99
52) Toluene	8.78	92	240569	18.624	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	137450	18.070	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153896	18.729	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99713	19.219	ug/l	99
56) Ethyl methacrylate	9.17	69	147718	18.584	ug/l	98
57) 1,3-Dichloropropane	9.36	76	166973	19.248	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	254828	94.226	ug/l	98
59) 2-Hexanone	9.48	43	531668	92.432	ug/l	100
60) Dibromochloromethane	9.57	129	100805	19.330	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102668	18.681	ug/l	99
64) Tetrachloroethene	9.33	164	115964	17.916	ug/l	98
65) Chlorobenzene	10.13	112	261658	18.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94745	18.943	ug/l	98
67) Ethyl Benzene	10.25	91	460306	19.269	ug/l	100
68) m/p-Xylenes	10.35	106	350419	38.023	ug/l	97
69) o-Xylene	10.69	106	166587	18.945	ug/l	99
70) Styrene	10.71	104	283021	18.651	ug/l	99
71) Bromoform	10.85	173	73783	18.030	ug/l #	97
73) Isopropylbenzene	11.01	105	449621	19.632	ug/l	100
74) N-amyl acetate	10.89	43	185275	18.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	140716	19.159	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	125282m	18.566	ug/l	
77) Bromobenzene	11.25	156	118803	18.705	ug/l	98
78) n-propylbenzene	11.35	91	513926	19.594	ug/l	99
79) 2-Chlorotoluene	11.42	91	303795	19.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	374720	19.707	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46397	18.178	ug/l	96
82) 4-Chlorotoluene	11.51	91	348999	19.020	ug/l	98
83) tert-Butylbenzene	11.76	119	351872	19.585	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	378608	19.705	ug/l	100
85) sec-Butylbenzene	11.94	105	441317	19.759	ug/l	98
86) p-Isopropyltoluene	12.06	119	399451	19.274	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206920	18.153	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	210992	19.344	ug/l	99
89) n-Butylbenzene	12.38	91	347878	18.358	ug/l	99
90) Hexachloroethane	12.59	117	67337	18.497	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	208363	18.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29752	18.009	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
Data File : VX014598.D
Acq On : 14 Jan 2020 11:13
Operator : JC/SP
Sample : VX0114WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

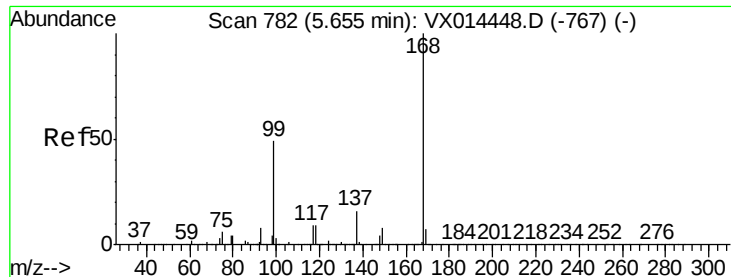
Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM

Quant Time: Jan 15 00:44:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140399	17.841	ug/l	99
94) Hexachlorobutadiene	13.78	225	72502	19.788	ug/l	99
95) Naphthalene	13.83	128	411666	16.922	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141540	18.229	ug/l	99

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



#1

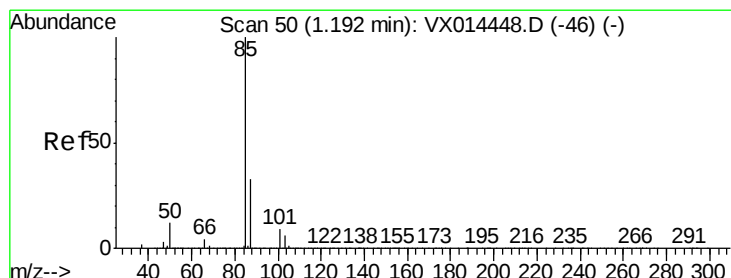
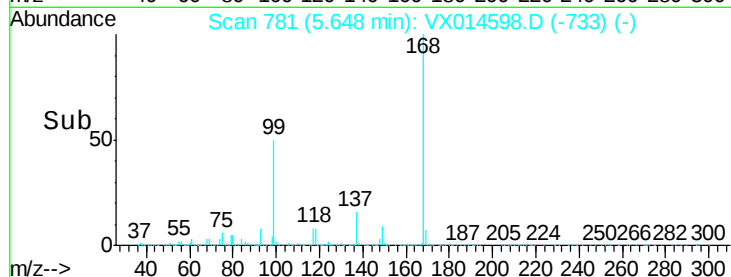
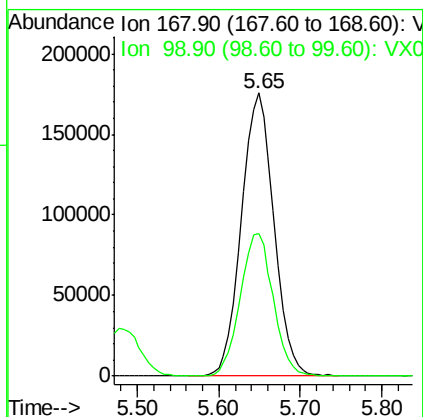
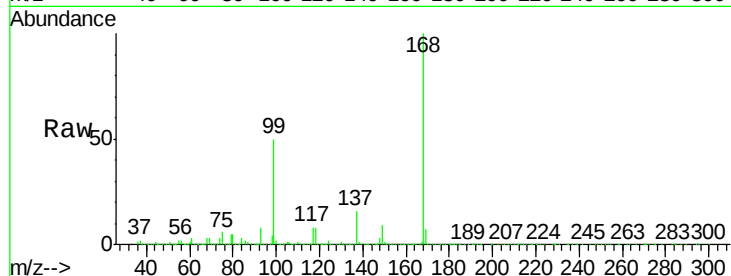
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.2	58.8

Manual Integrations
APPROVED

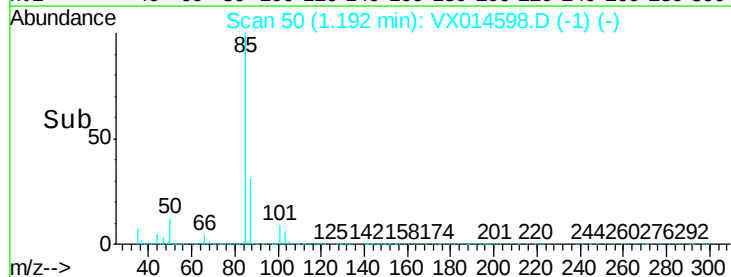
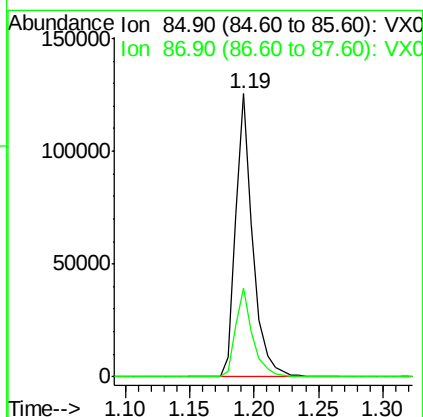
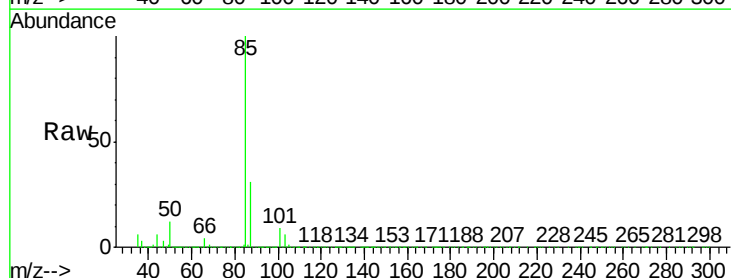
MMDadoda
1/15/2020 10:24:01 AM

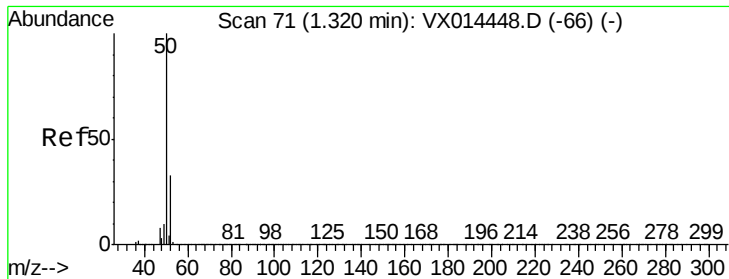


#2

Dichlorodifluoromethane
Concen: 19.300 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.5	49.5





#3

Chloromethane

Concen: 19.052 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

Tot Ion: 50 Resp: 118267

Ion Ratio Lower Upper

50 100

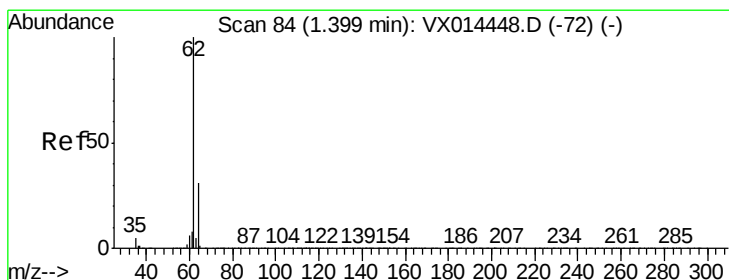
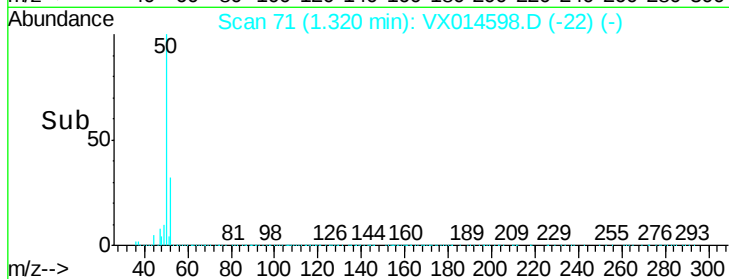
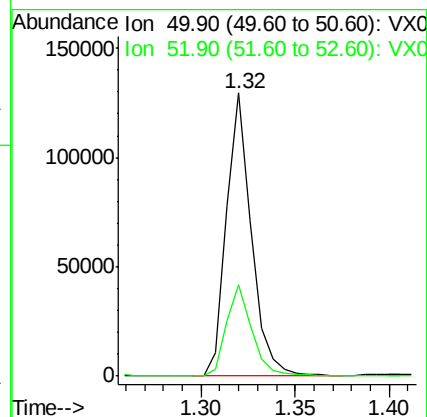
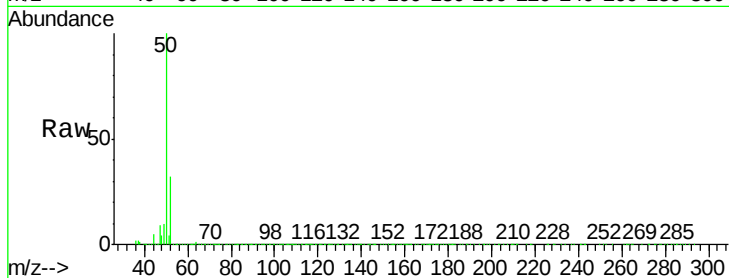
52 32.0 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

1/15/2020 10:24:01 AM



#4

Vinyl Chloride

Concen: 19.563 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014598.D

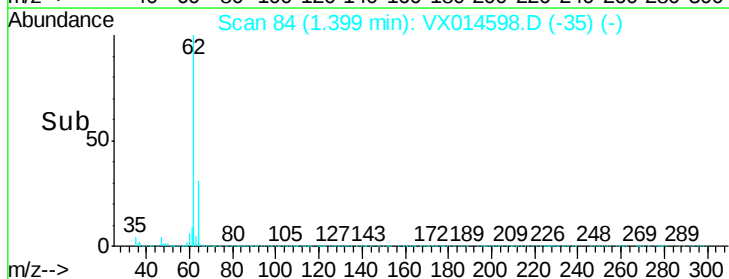
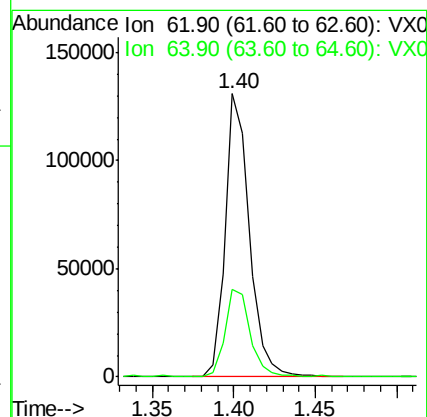
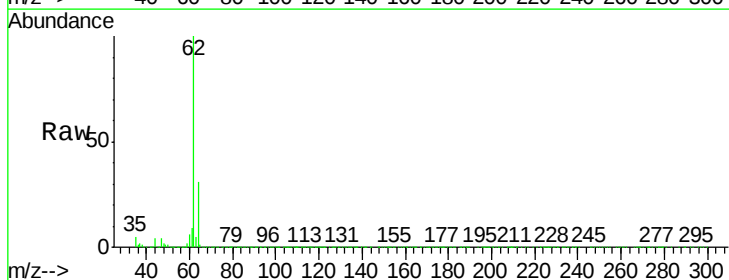
Acq: 14 Jan 2020 11:13

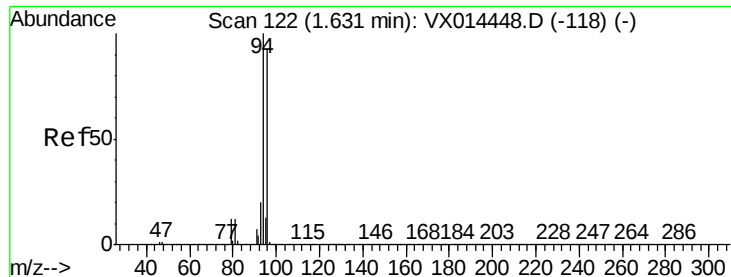
Tgt Ion: 62 Resp: 135324

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 17.076 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 94 Resp: 78297

Ion Ratio Lower Upper

94 100

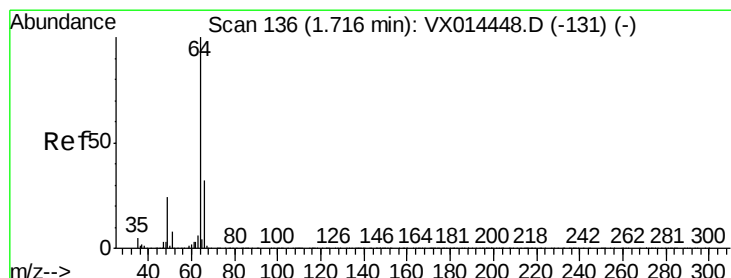
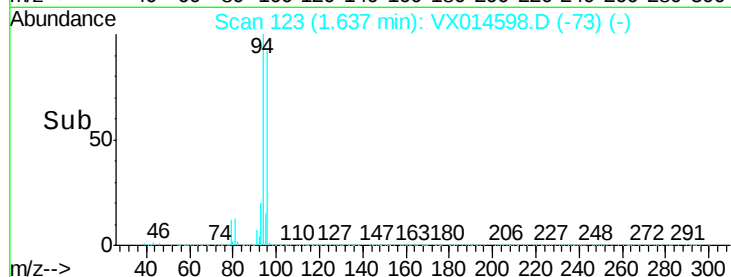
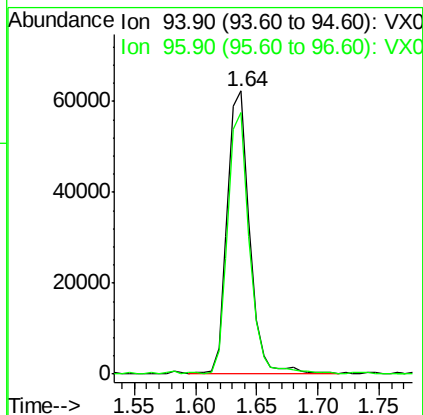
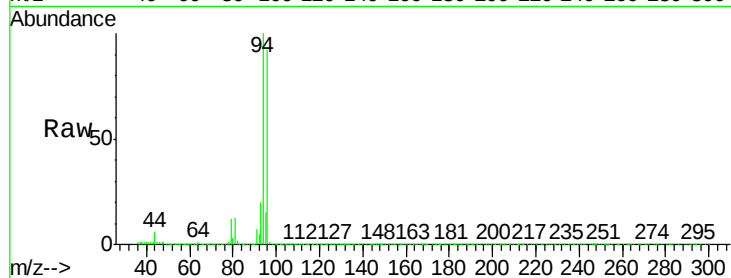
96 92.1 74.2 111.2

Manual Integrations

APPROVED

MMDadoda

1/15/2020 10:24:01 AM



#6

Chloroethane

Concen: 19.370 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014598.D

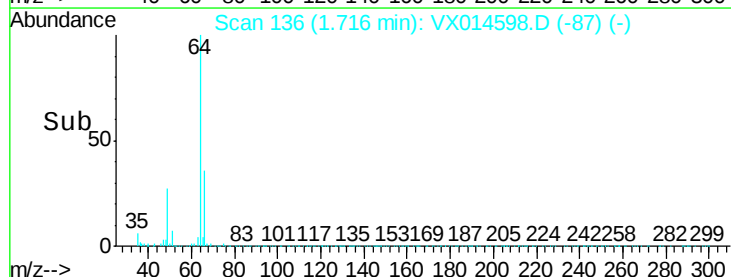
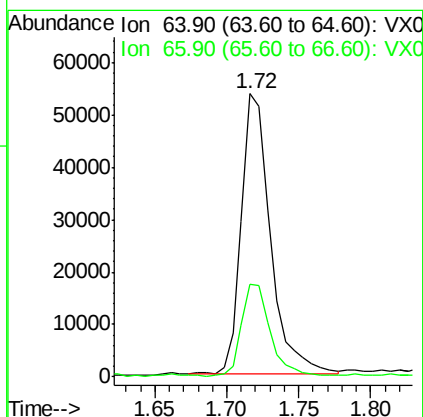
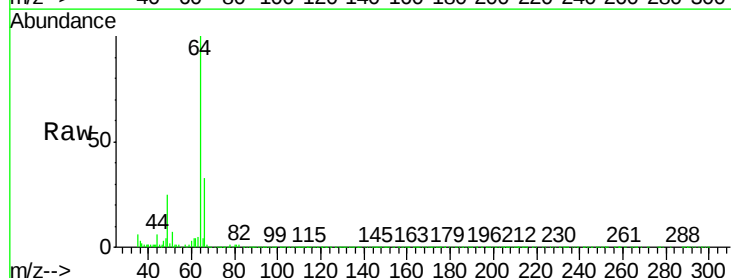
Acq: 14 Jan 2020 11:13

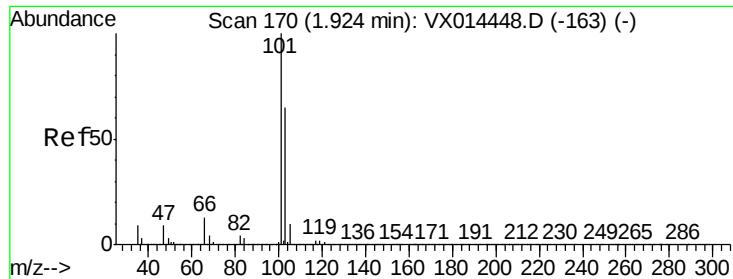
Tgt Ion: 64 Resp: 75985

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

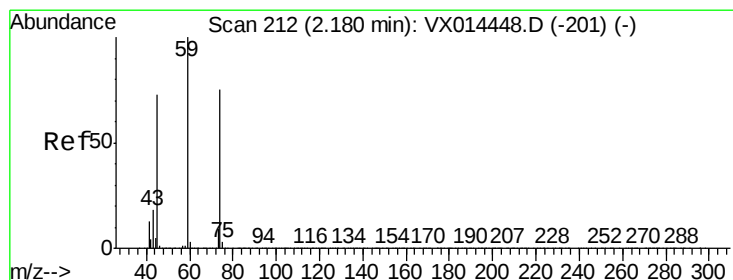
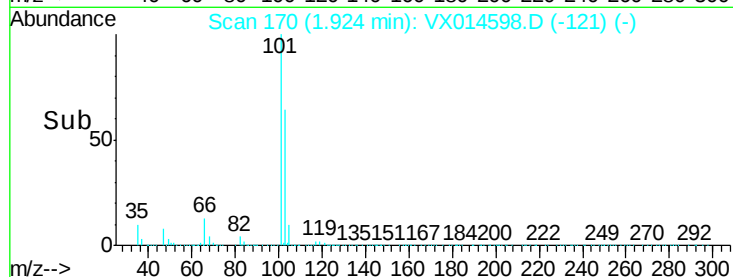
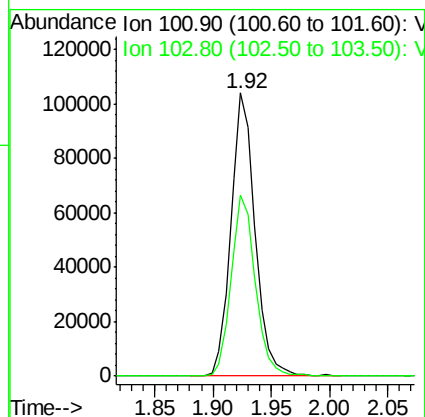
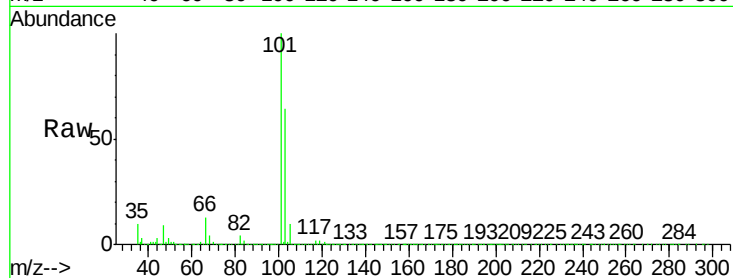
Trichlorofluoromethane
Concen: 19.005 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.2	78.4

Manual Integrations
APPROVED

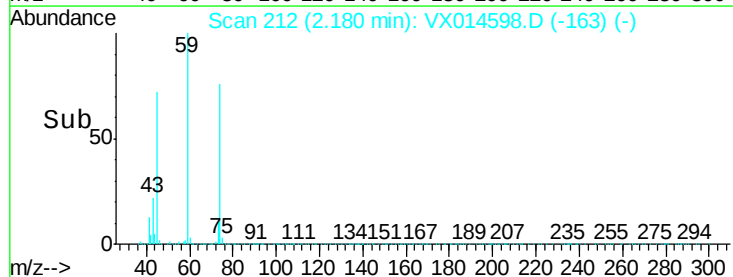
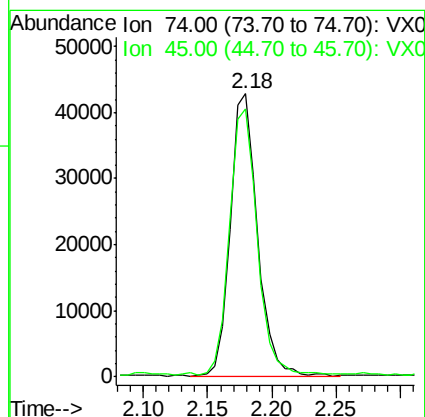
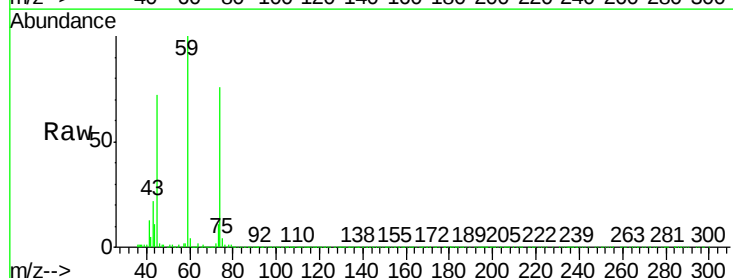
MMDadoda
1/15/2020 10:24:01 AM

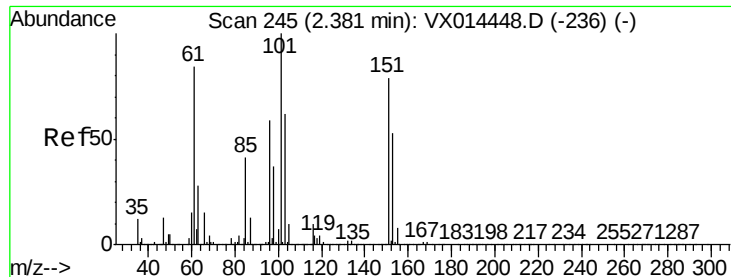


#8

Diethyl Ether
Concen: 17.630 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.939 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

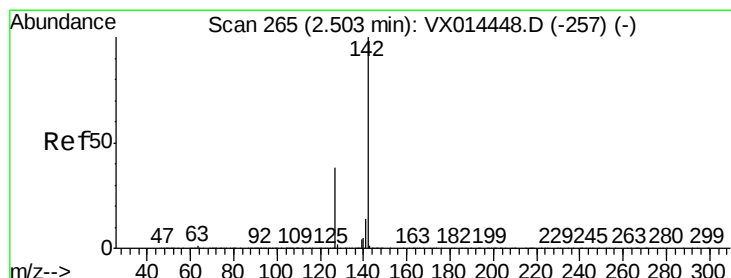
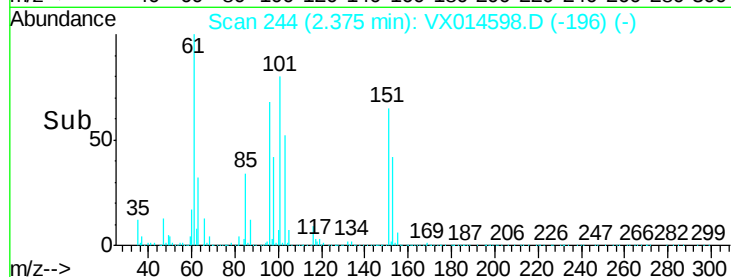
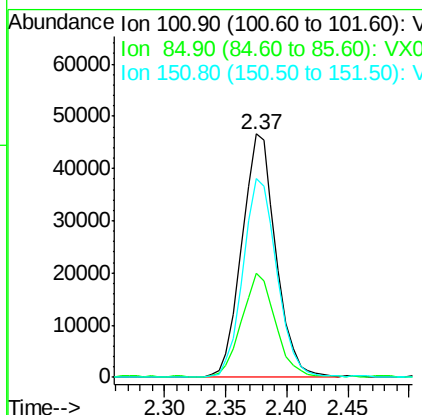
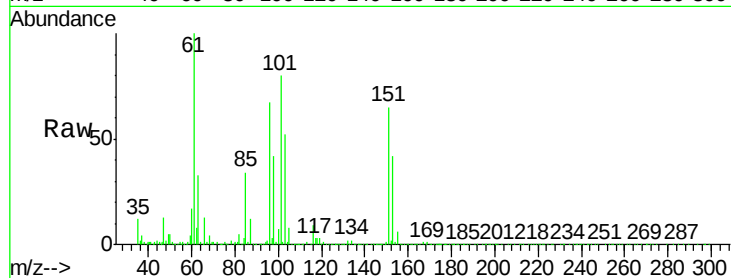
ClientSampleId :

VX0114WBS01

Tot Ion:	101	Resp:	90413
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.8	50.8
151	80.8	65.3	97.9

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#10

Methyl Iodide

Concen: 18.061 ug/l

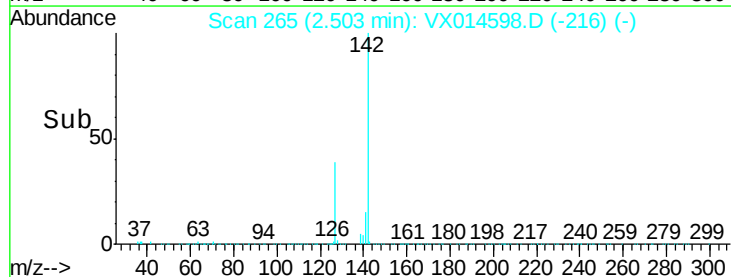
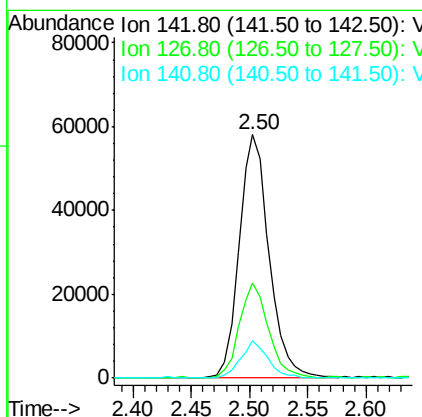
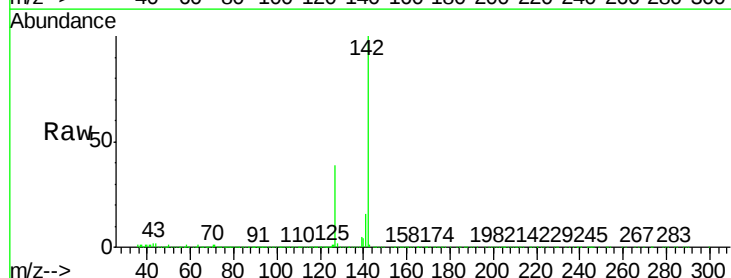
RT: 2.50 min Scan# 265

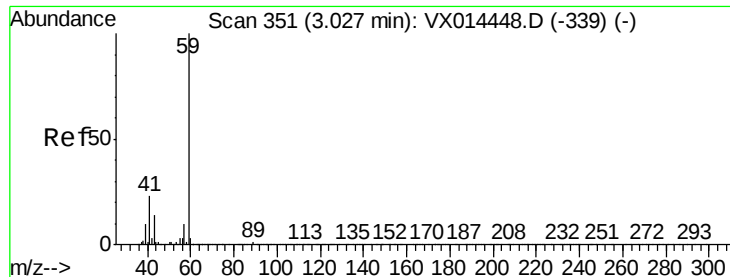
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	142	Resp:	103245
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.2	46.8
141	14.5	11.4	17.2





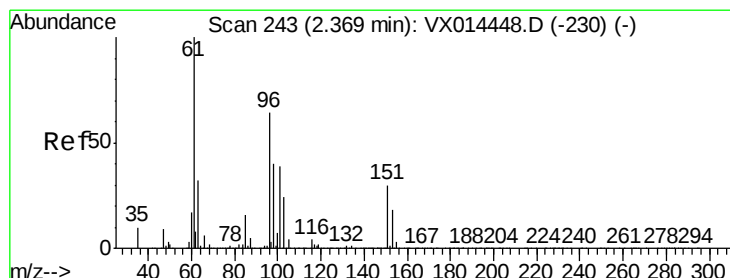
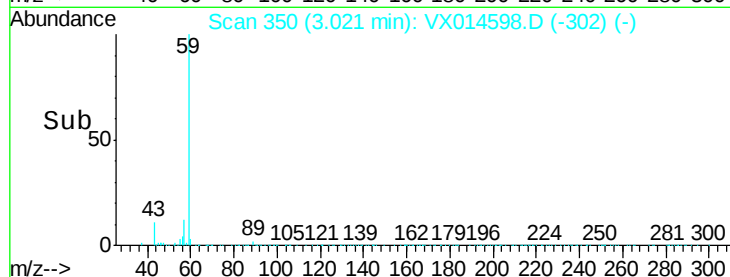
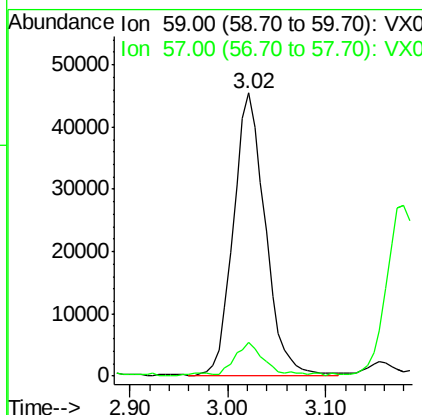
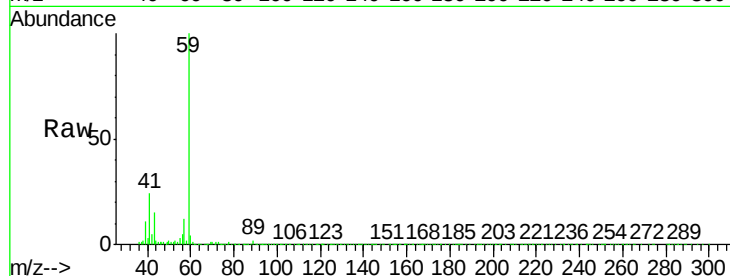
#11
Tert butyl alcohol
Concen: 90.113 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampled :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

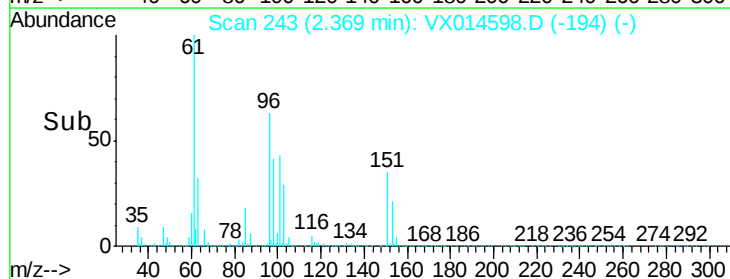
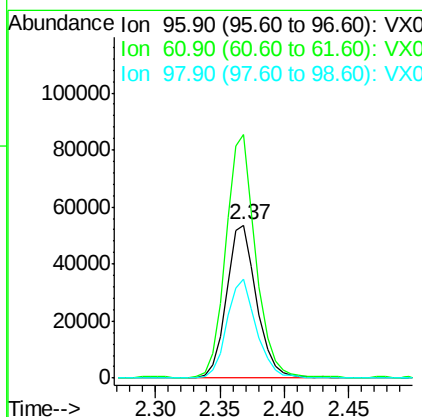
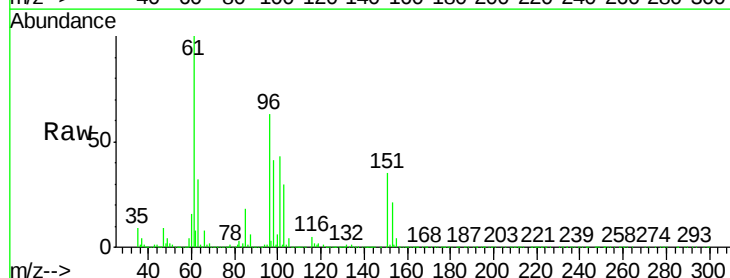
Manual Integrations
APPROVED

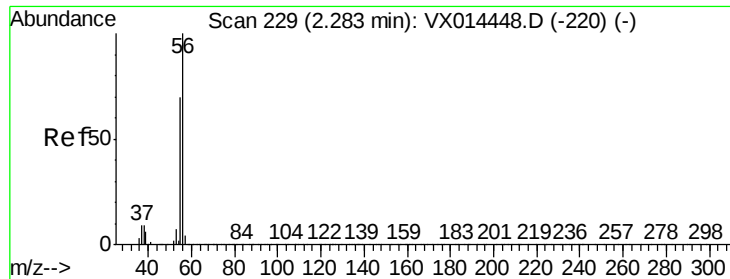
MMDadoda
1/15/2020 10:24:01 AM



#12
1,1-Dichloroethene
Concen: 18.065 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	125.0	187.6
98	64.5	50.2	75.2





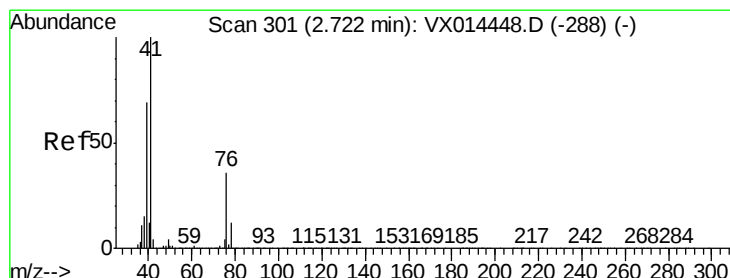
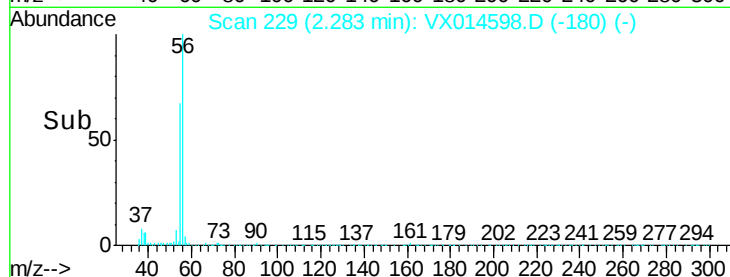
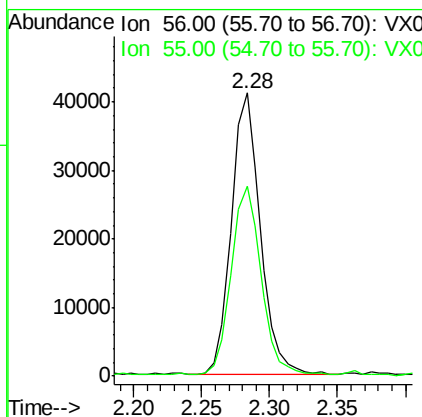
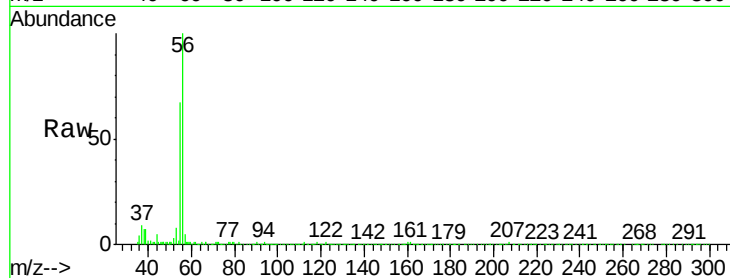
#13
Acrolein
Concen: 66.765 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.0	82.6

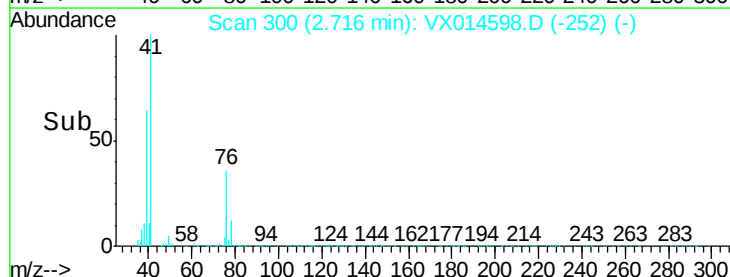
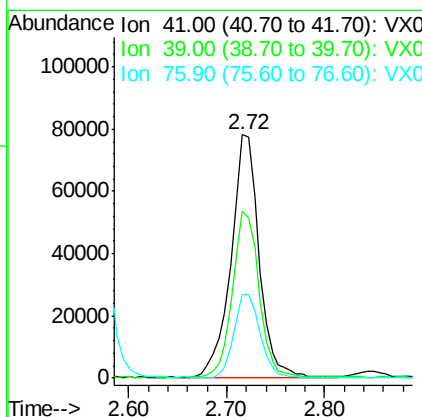
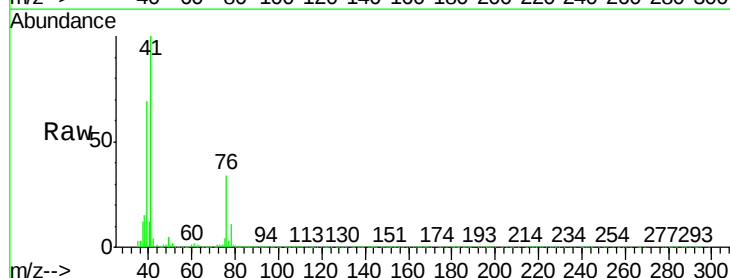
Manual Integrations
APPROVED

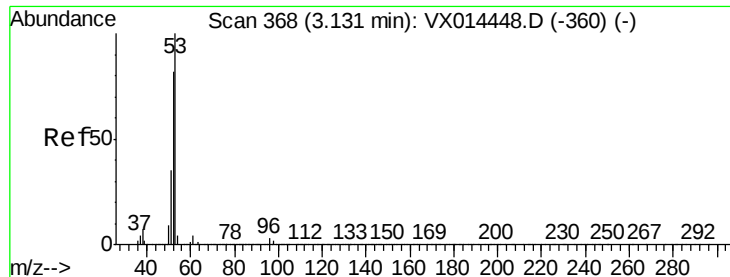
MMDadoda
1/15/2020 10:24:01 AM



#14
Allyl chloride
Concen: 18.391 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.9	51.7	77.5
76	32.1	26.8	40.2





#15

Acrylonitrile

Concen: 92.732 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

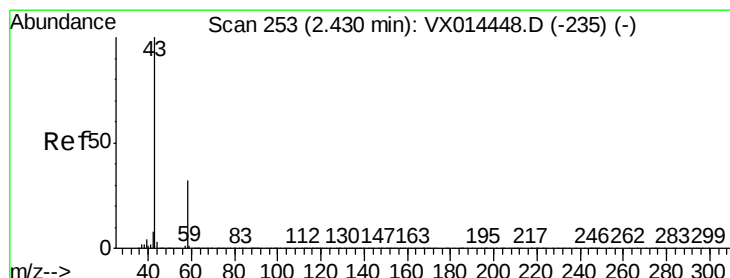
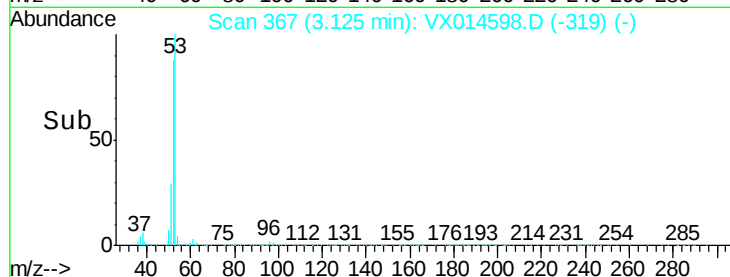
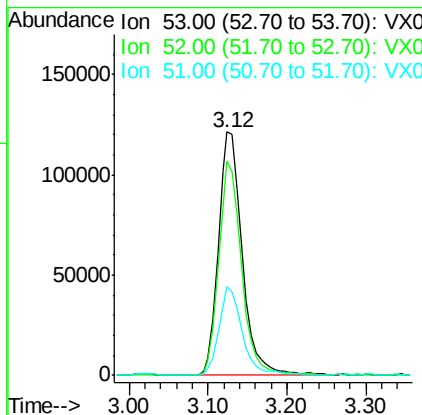
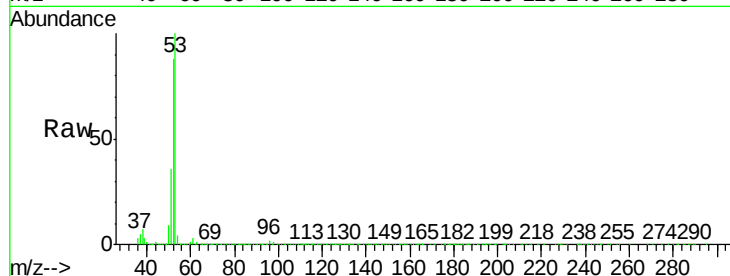
ClientSampleId :

VX0114WBS01

Tot Ion:	53	Resp:	254054
Ion Ratio		Lower	Upper
53	100		
52	83.7	67.0	100.4
51	35.3	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#16

Acetone

Concen: 88.812 ug/l

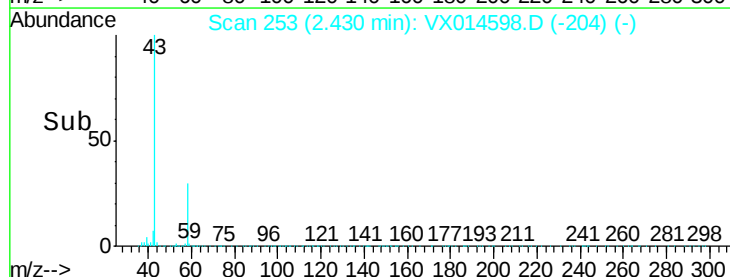
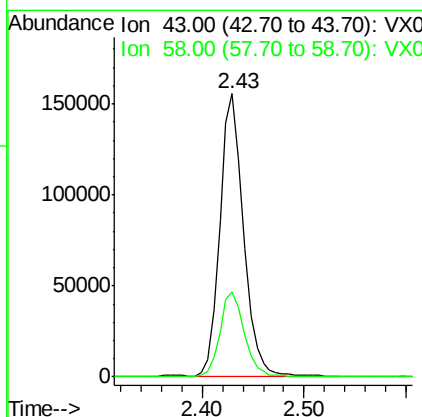
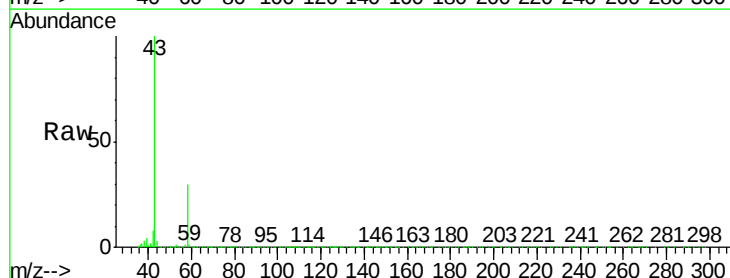
RT: 2.43 min Scan# 253

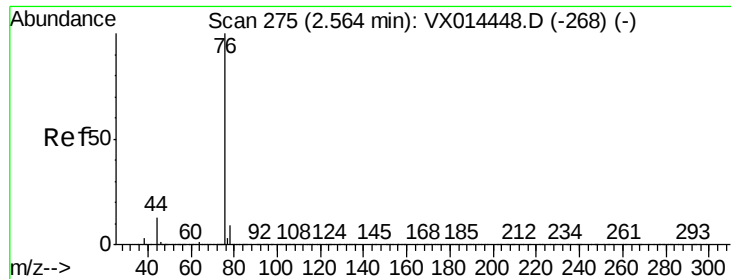
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	43	Resp:	249433
Ion Ratio		Lower	Upper
43	100		
58	29.7	25.4	38.0





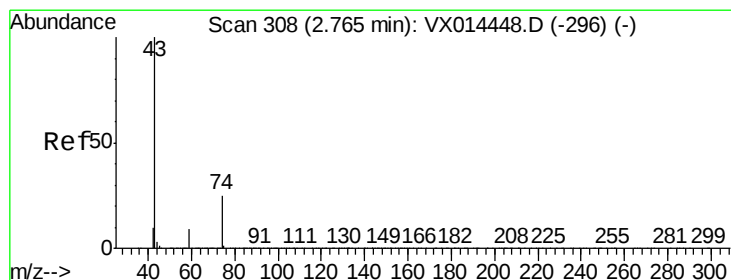
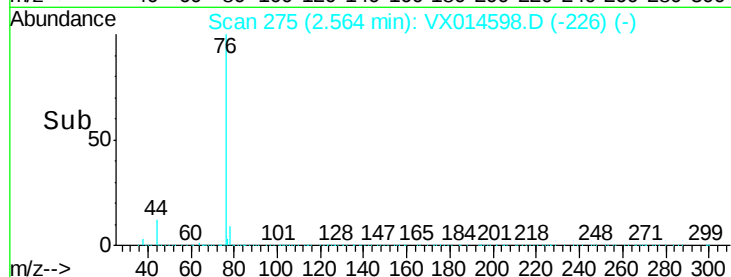
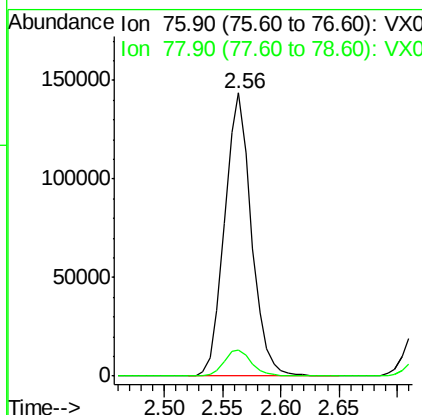
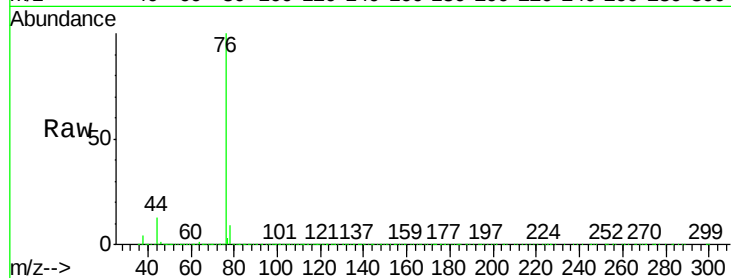
#17
Carbon Disulfide
Concen: 17.045 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

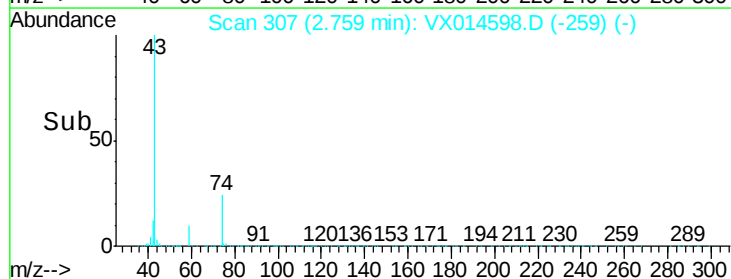
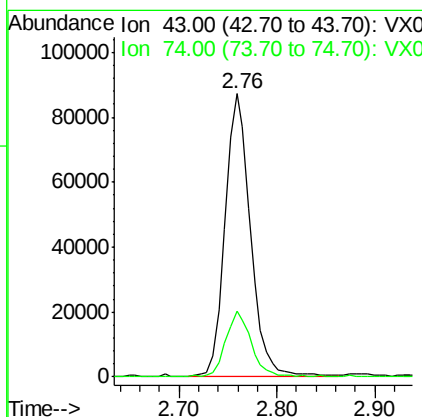
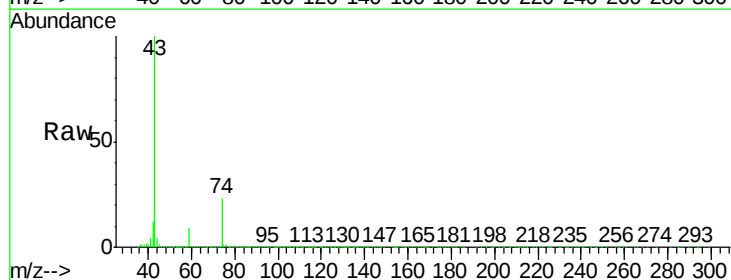
Manual Integrations
APPROVED

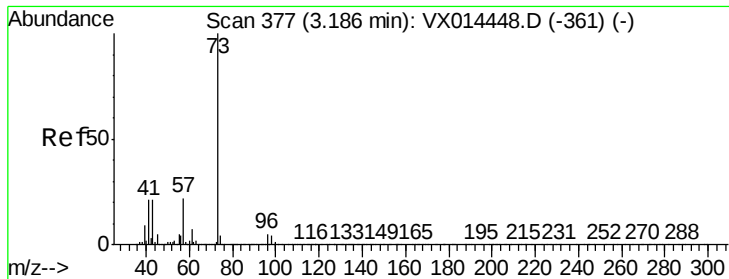
MMDadoda
1/15/2020 10:24:01 AM



#18
Methyl Acetate
Concen: 19.947 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2





#19

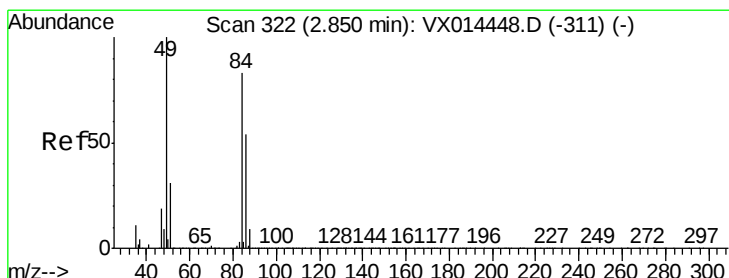
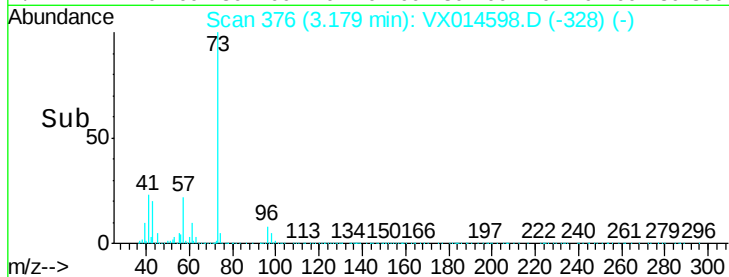
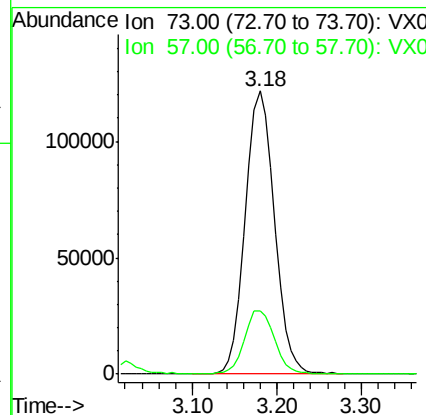
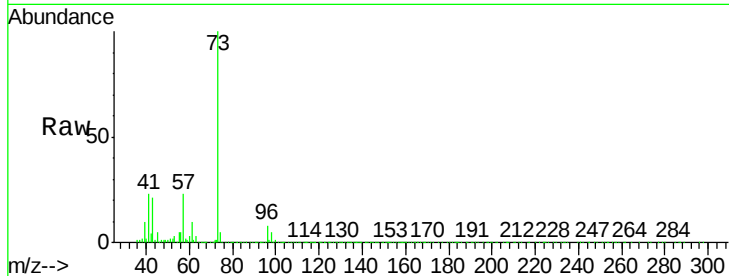
Methyl tert-butyl Ether
 Concen: 18.404 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0114WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.8	26.8

Manual Integrations
 APPROVED

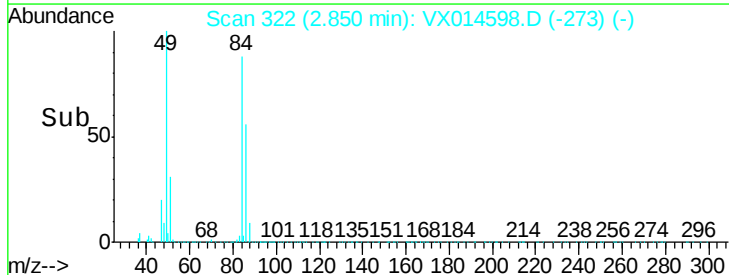
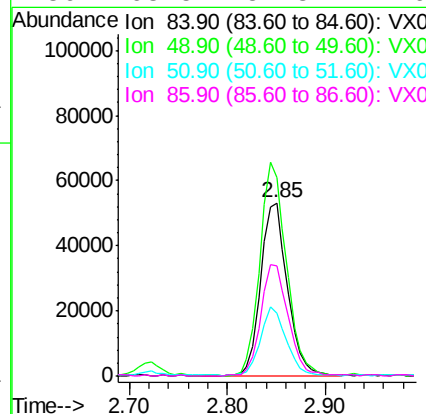
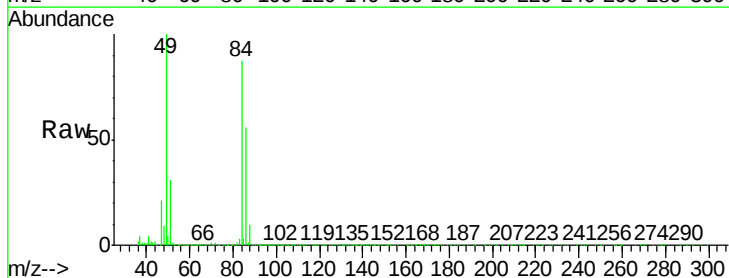
MMDadoda
 1/15/2020 10:24:01 AM

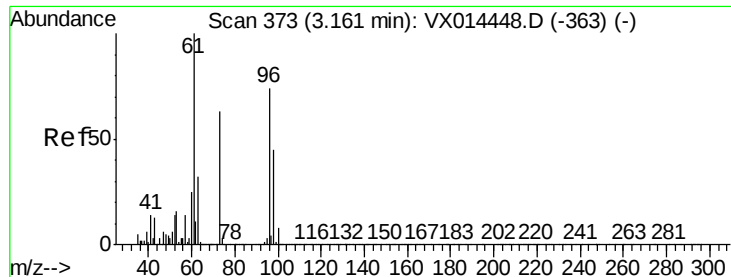


#20

Methylene Chloride
 Concen: 18.551 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	95.8	143.8
51	35.7	30.2	45.4
86	63.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.733 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

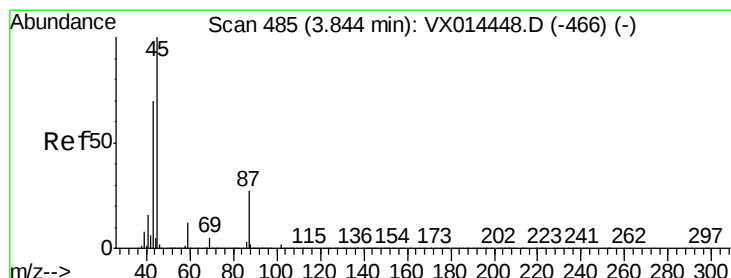
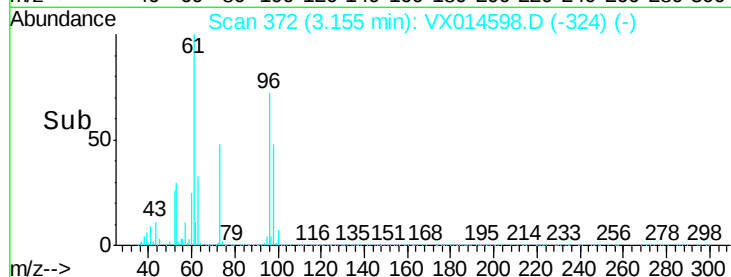
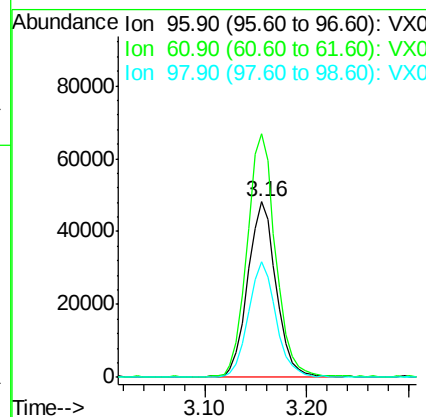
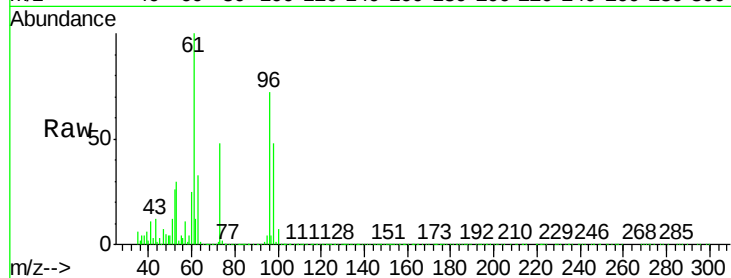
ClientSampleId :

VX0114WBS01

Tot Ion:	96	Resp:	93117
Ion Ratio	Lower	Upper	
96	100		
61	138.7	108.2	162.4
98	66.1	48.8	73.2

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#22

Diisopropyl ether

Concen: 19.657 ug/l

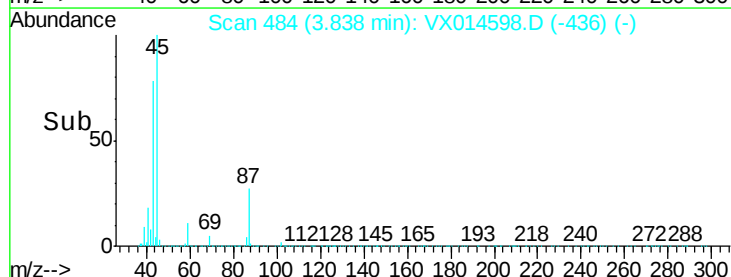
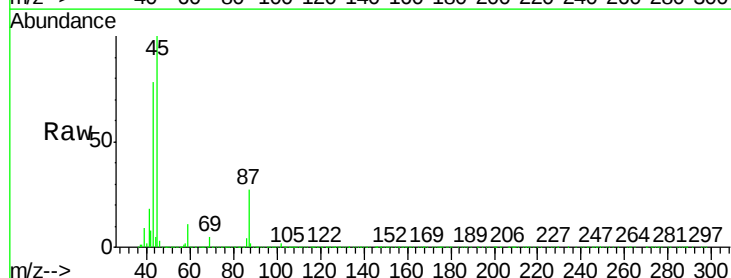
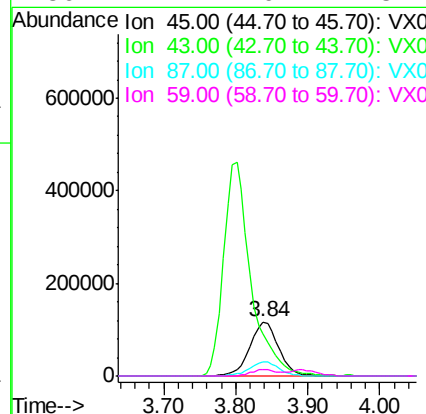
RT: 3.84 min Scan# 484

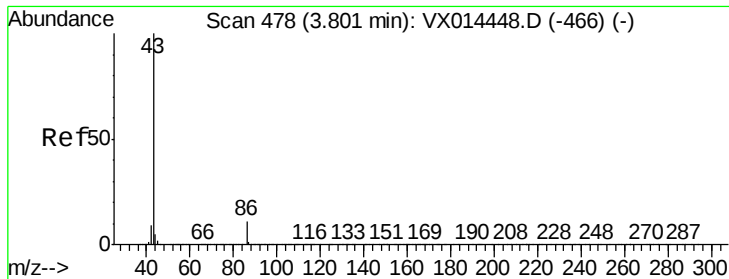
Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	45	Resp:	320779
Ion Ratio	Lower	Upper	
45	100		
43	77.8	55.8	83.6
87	26.9	21.8	32.8
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 96.533 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

Tot Ion: 43 Resp: 1219646

Ion Ratio Lower Upper

43 100

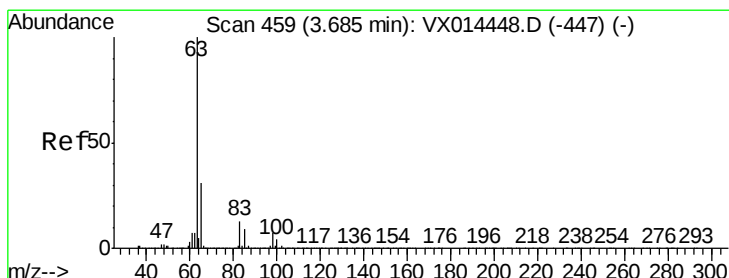
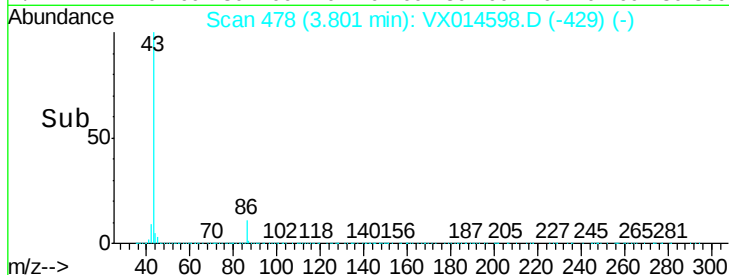
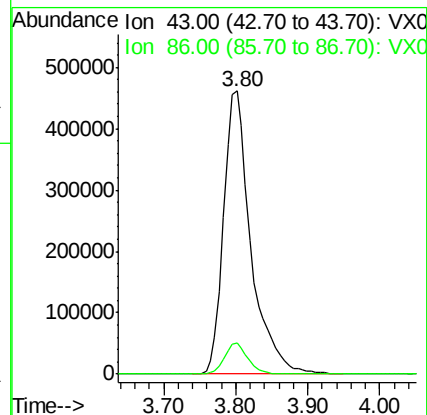
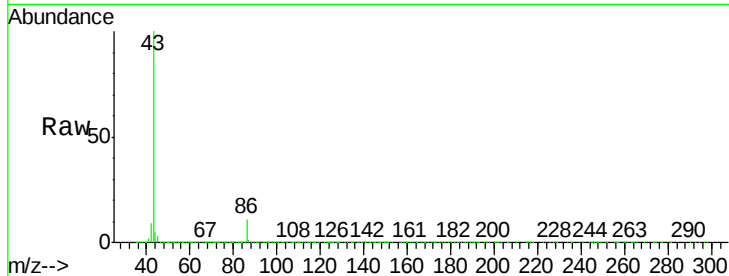
86 10.8 8.4 12.6

Manual Integrations

APPROVED

MMDadoda

1/15/2020 10:24:01 AM



#24

1,1-Dichloroethane

Concen: 18.986 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

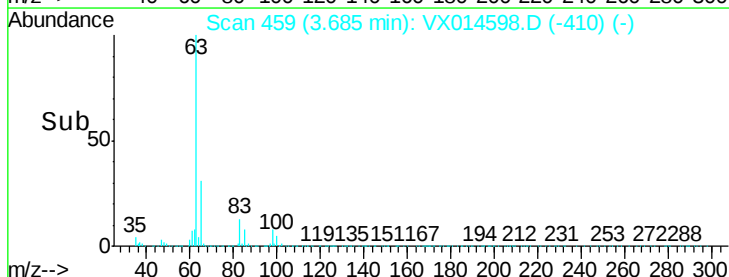
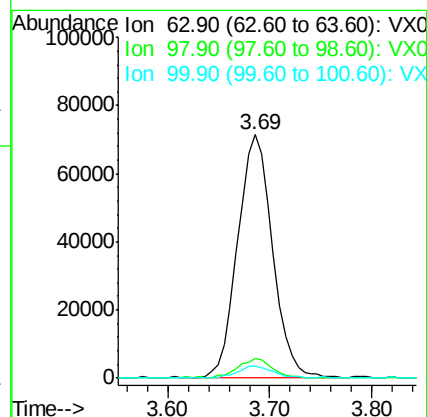
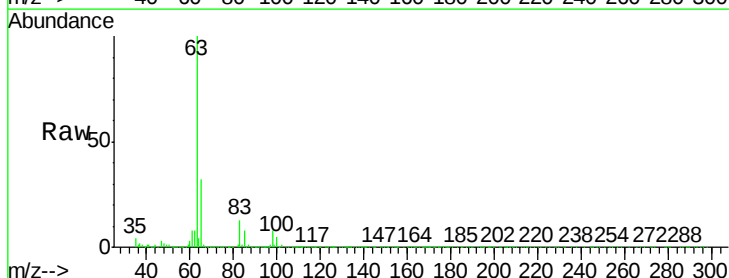
Tgt Ion: 63 Resp: 168549

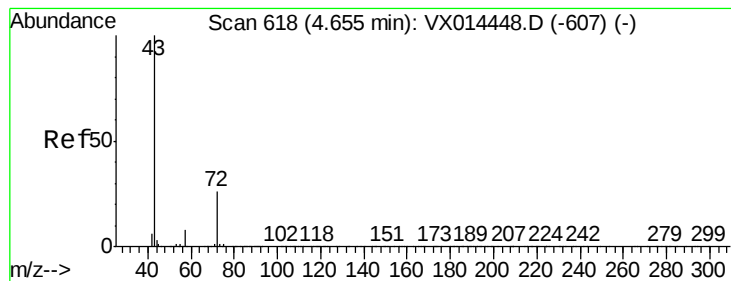
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 89.361 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 43 Resp: 362888

Ion Ratio Lower Upper

43 100

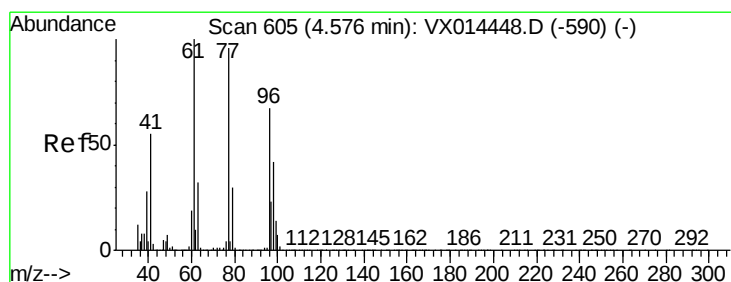
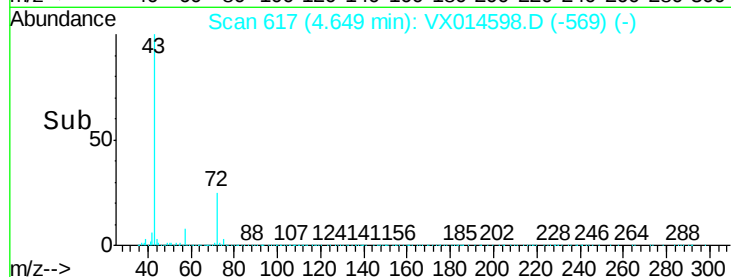
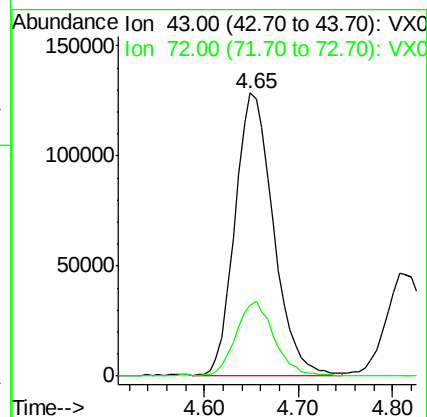
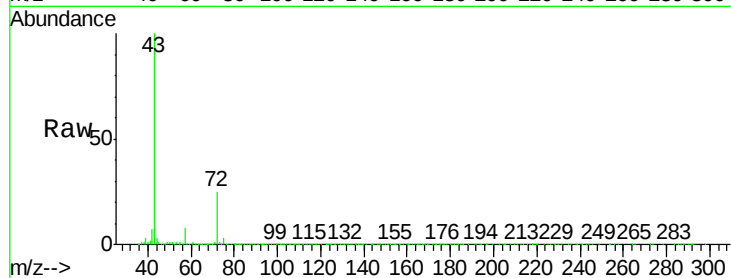
72 24.8 20.6 31.0

Manual Integrations

APPROVED

MMDadoda

1/15/2020 10:24:01 AM



#26

2,2-Dichloropropane

Concen: 18.161 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014598.D

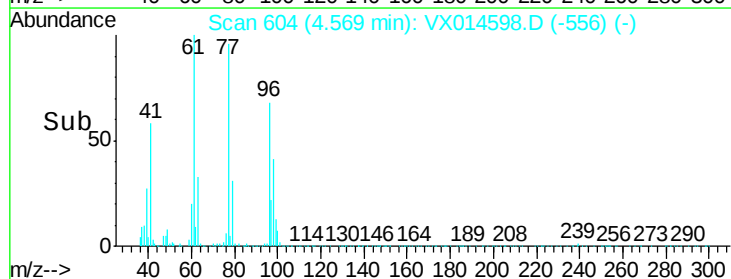
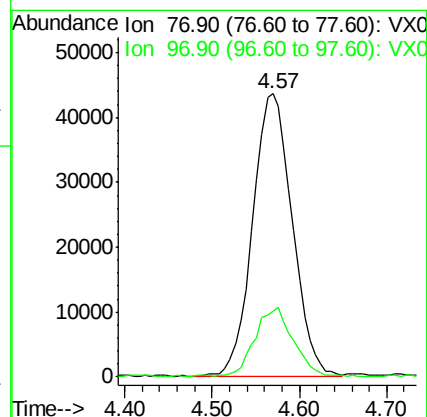
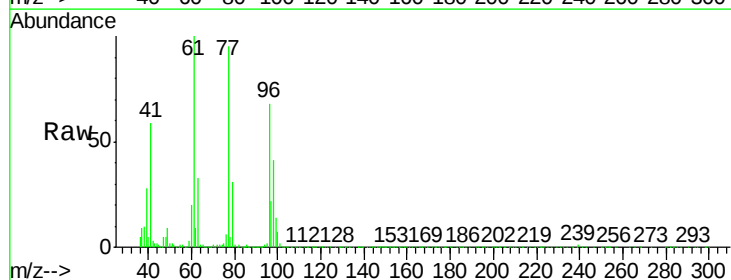
Acq: 14 Jan 2020 11:13

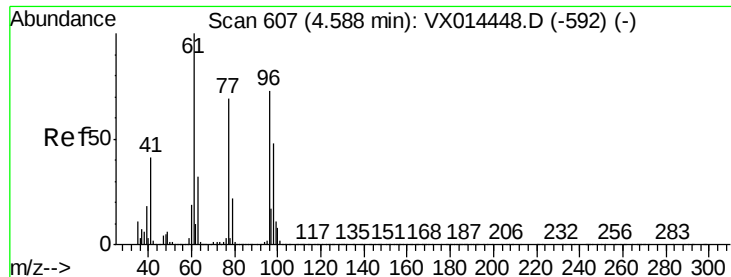
Tgt Ion: 77 Resp: 136577

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1





#27

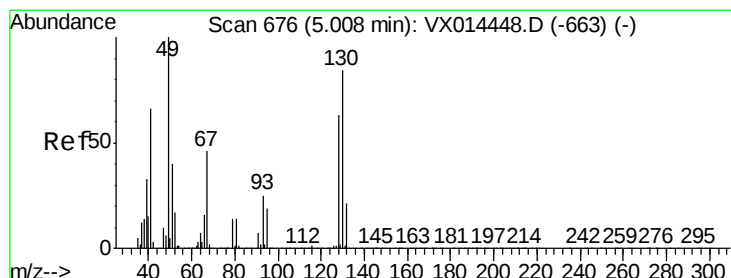
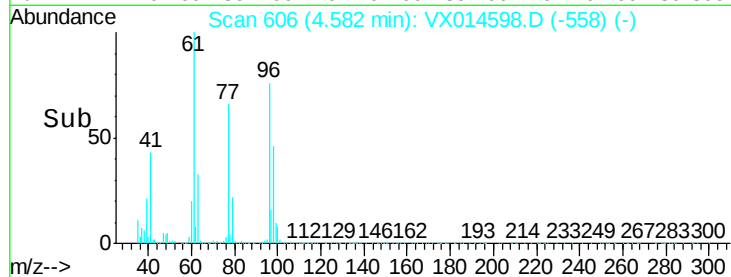
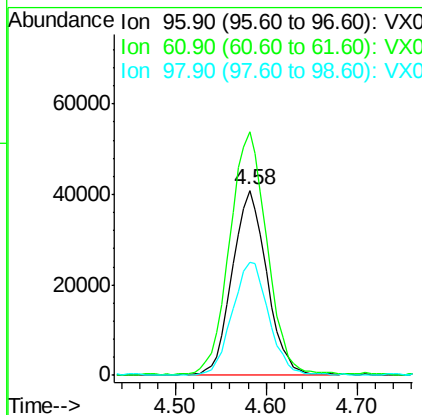
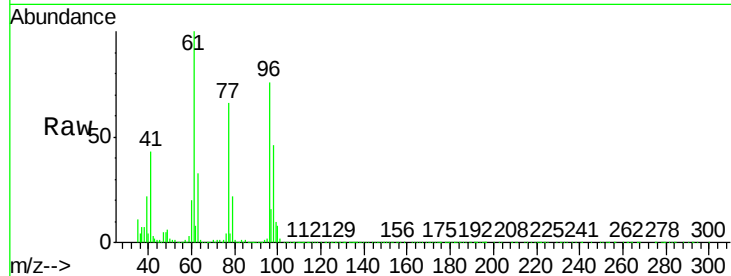
cis-1,2-Dichloroethene
Concen: 18.534 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	108796		
61	141.0	0.0	285.4	
98	64.3	0.0	130.6	

Manual Integrations
APPROVED

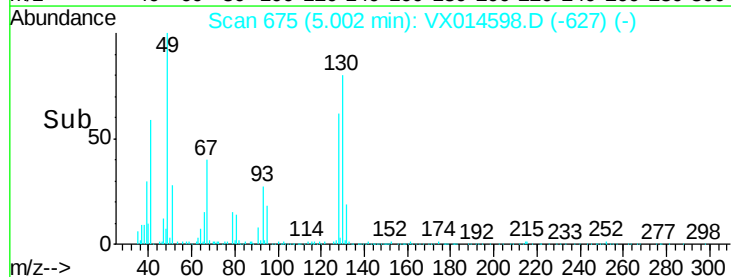
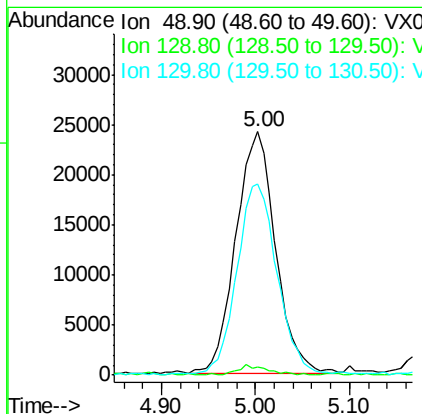
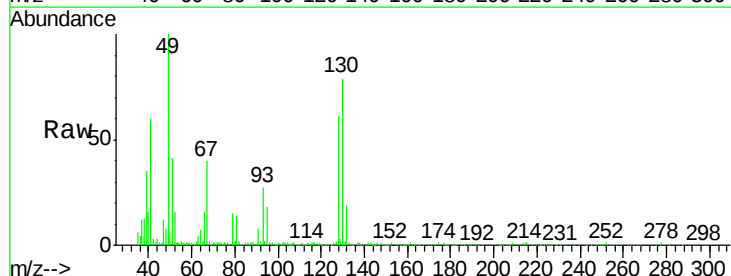
MMDadoda
1/15/2020 10:24:01 AM



#28

Bromochloromethane
Concen: 18.983 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71009		
129	3.0	0.0	4.4	
130	79.1	67.0	100.4	





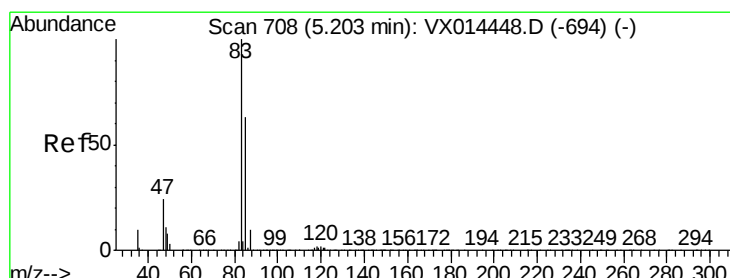
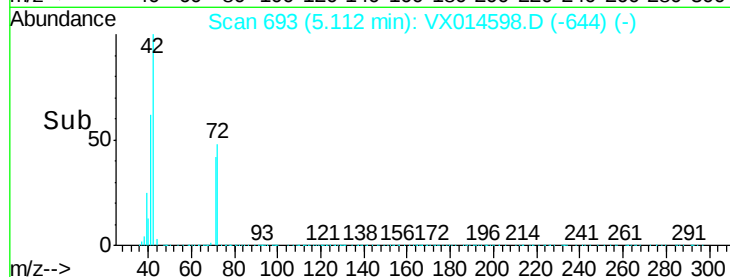
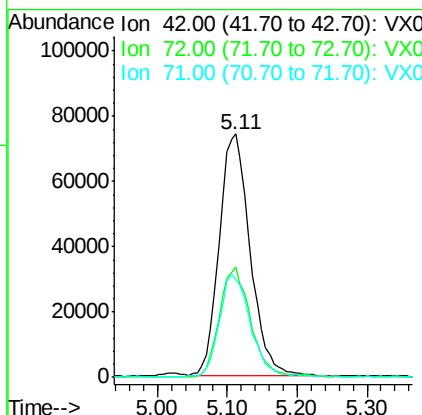
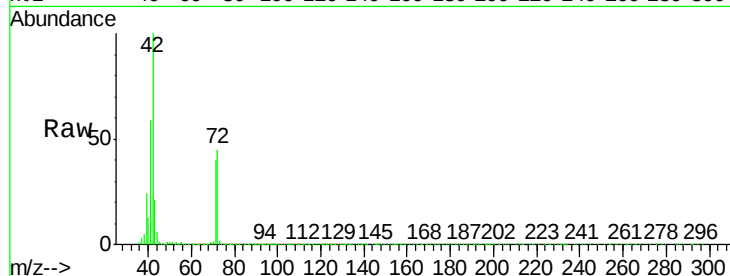
#29
Tetrahydrofuran
Concen: 94.857 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.2	54.4
71	42.0	34.1	51.1

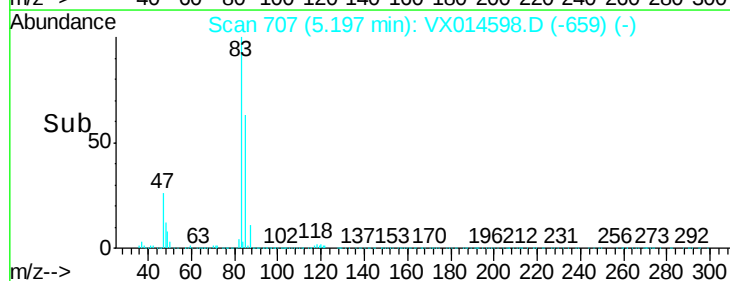
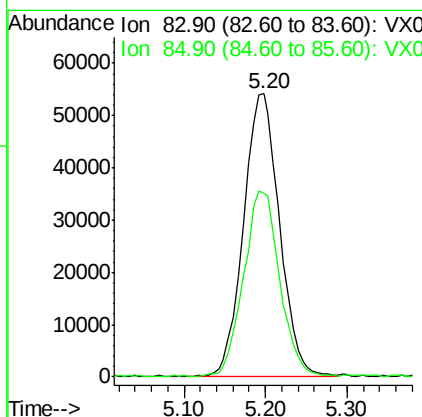
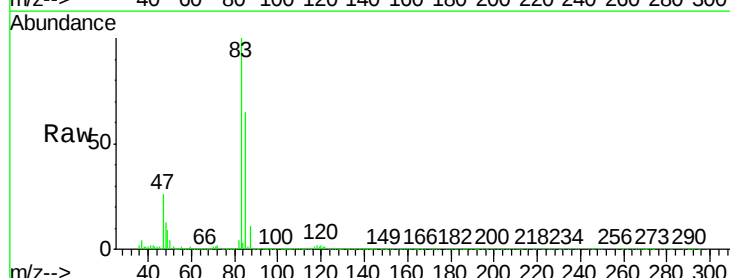
Manual Integrations
APPROVED

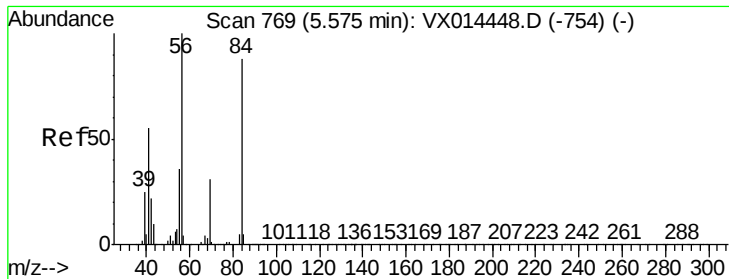
MMDadoda
1/15/2020 10:24:01 AM



#30
Chloroform
Concen: 19.119 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	75.8





#31

Cyclohexane

Concen: 19.073 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

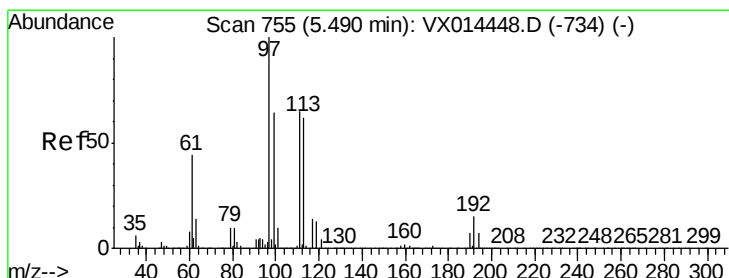
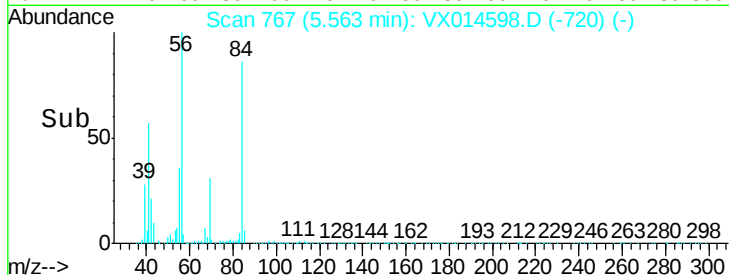
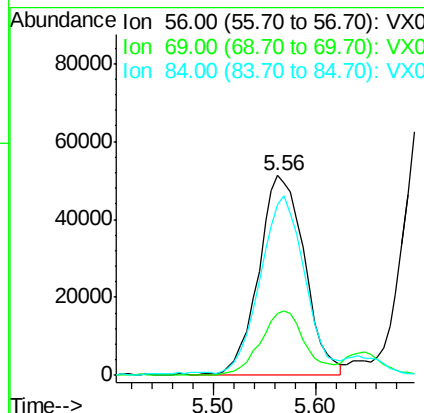
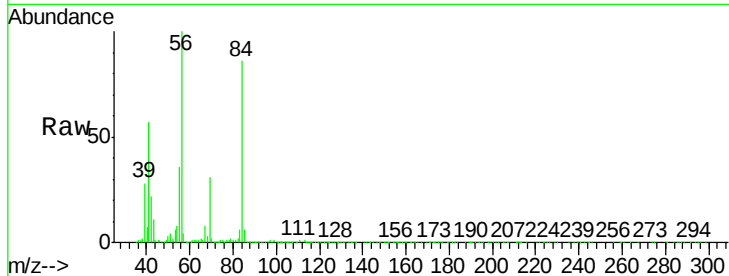
ClientSampleId :

VX0114WBS01

Tot Ion	56	Resp	158488
Ion Ratio	Lower	Upper	
56	100		
69	31.0	24.4	36.6
84	84.2	70.6	106.0

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#32

1,1,1-Trichloroethane

Concen: 18.796 ug/l

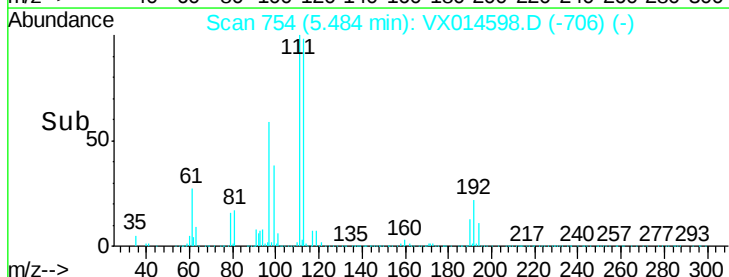
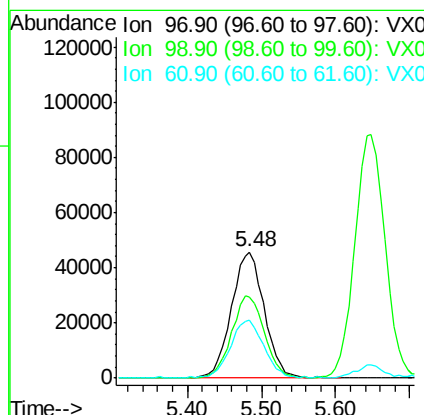
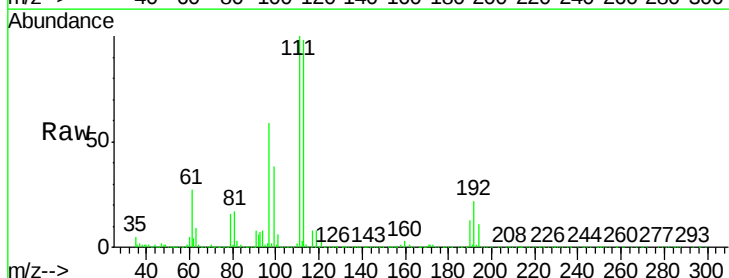
RT: 5.48 min Scan# 754

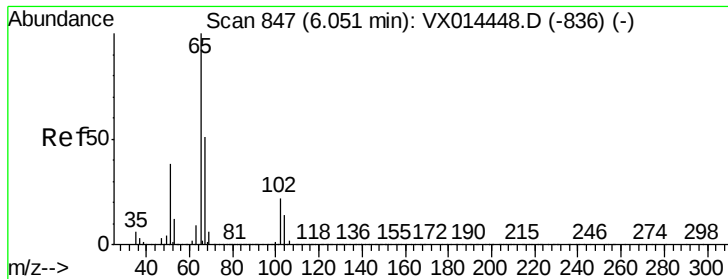
Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion	97	Resp	139567
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.8	77.6
61	46.3	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 48.018 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 65 Resp: 261050

Ion Ratio Lower Upper

65 100

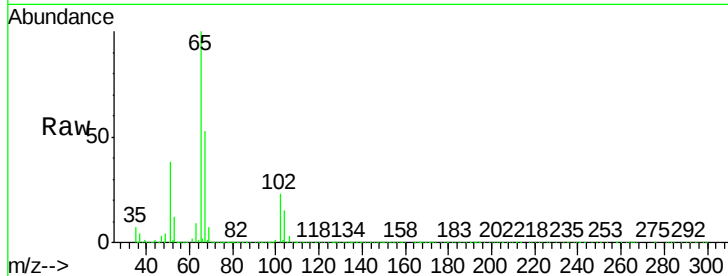
67 52.6 0.0 106.2

Manual Integrations

APPROVED

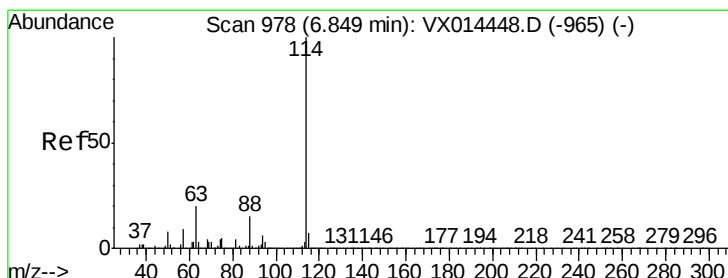
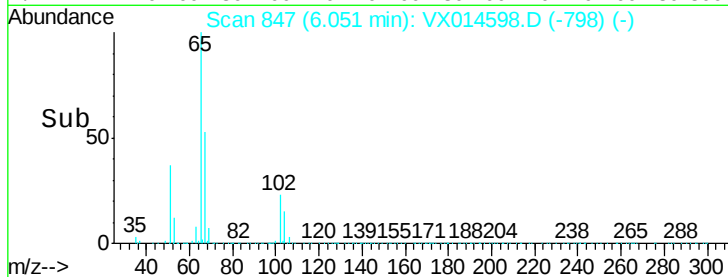
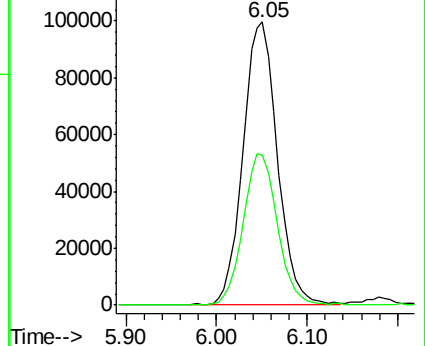
MMDadoda

1/15/2020 10:24:01 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

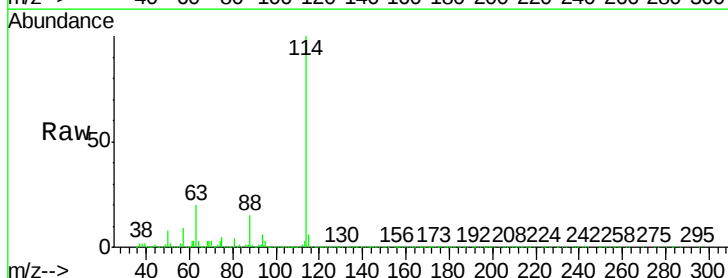
Tgt Ion: 114 Resp: 722955

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

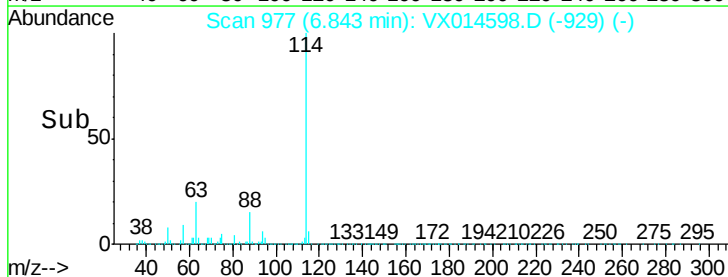
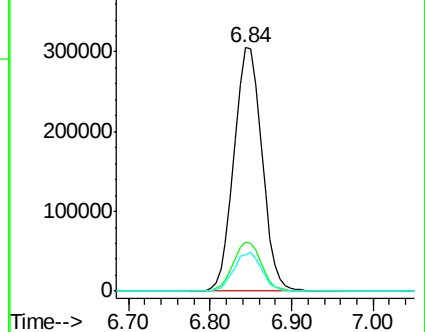
88 14.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.015 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

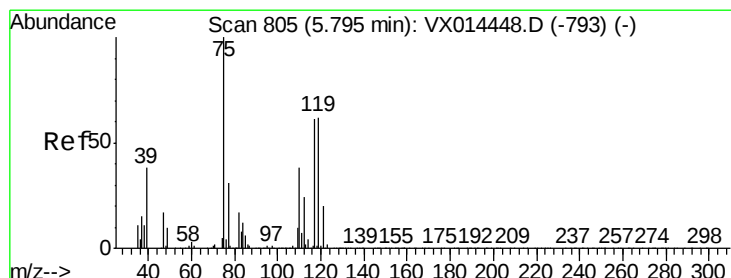
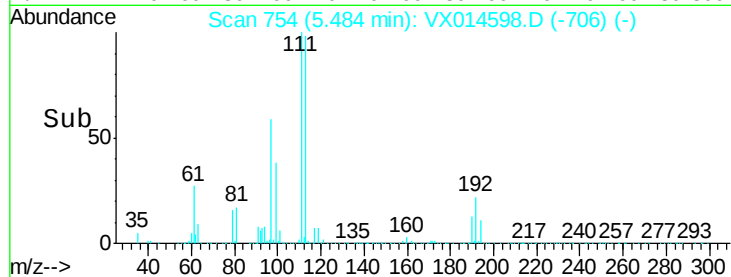
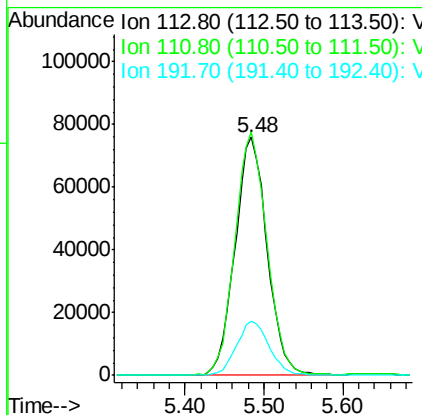
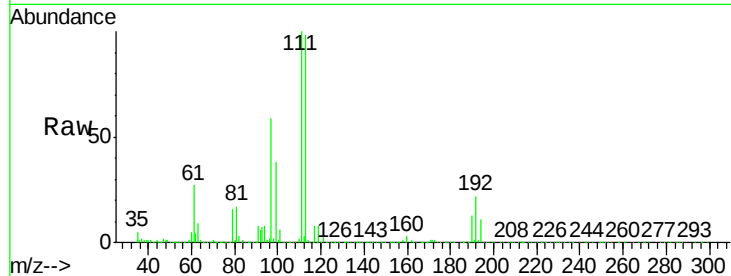
ClientSampleId :

VX0114WBS01

Tot Ion:	113	Resp:	214507
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.5	122.3
192	23.2	19.2	28.8

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#36

1,1-Dichloropropene

Concen: 18.691 ug/l

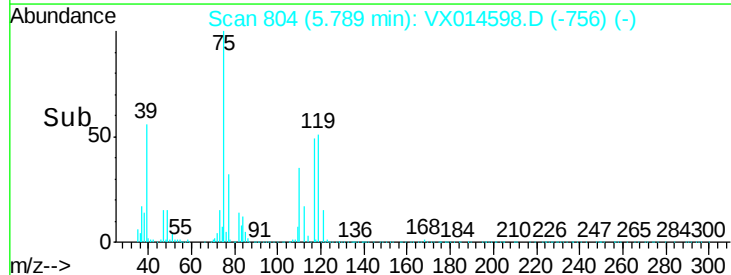
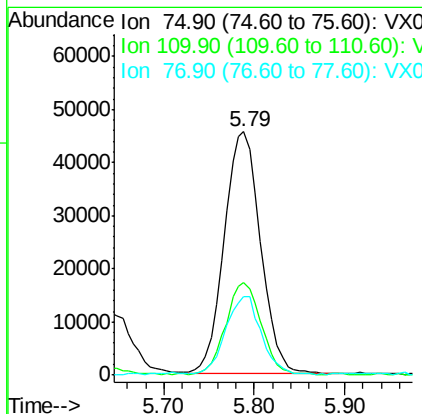
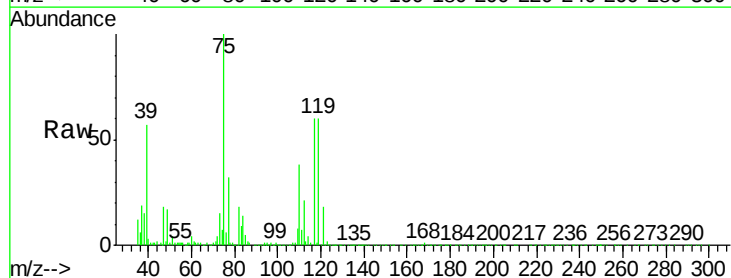
RT: 5.79 min Scan# 804

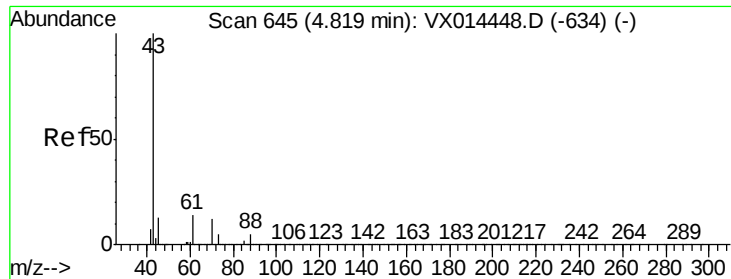
Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	75	Resp:	127074
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.6	55.8
77	30.7	24.5	36.7





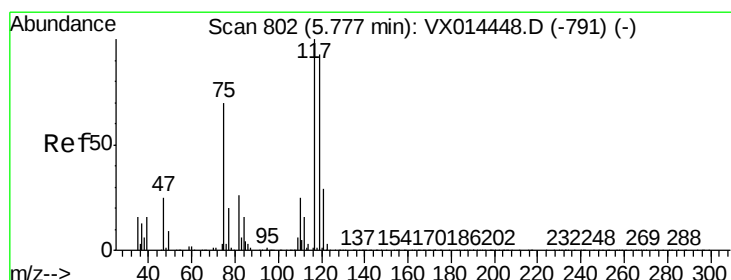
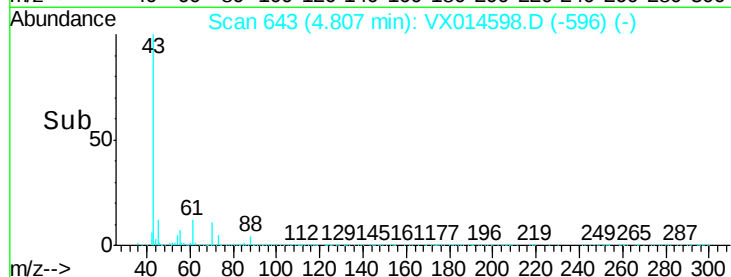
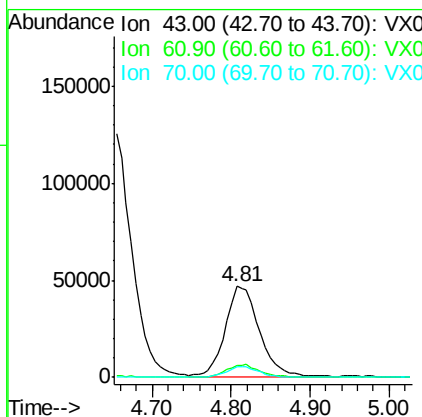
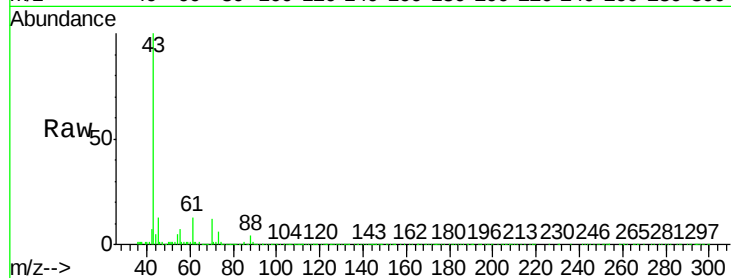
#37
Ethyl Acetate
Concen: 18.783 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.1	16.7
70	10.7	8.9	13.3

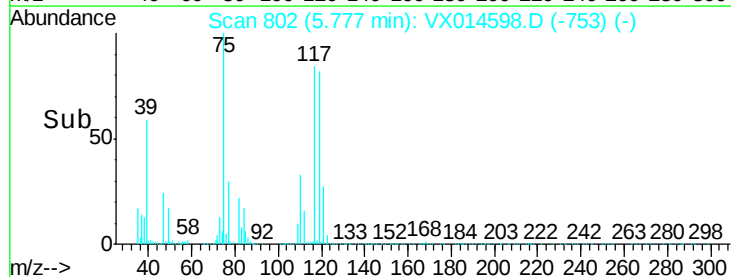
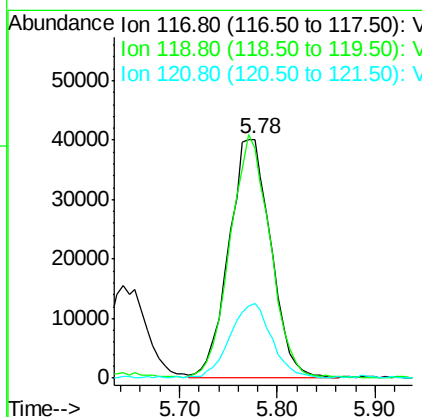
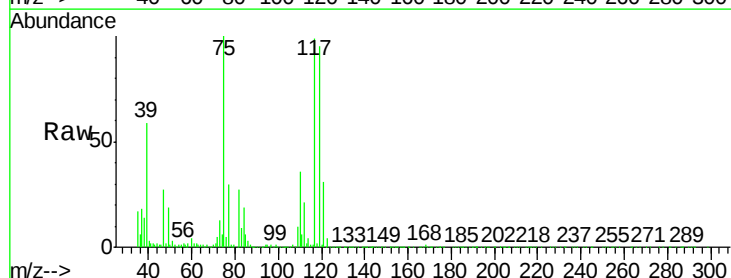
Manual Integrations
APPROVED

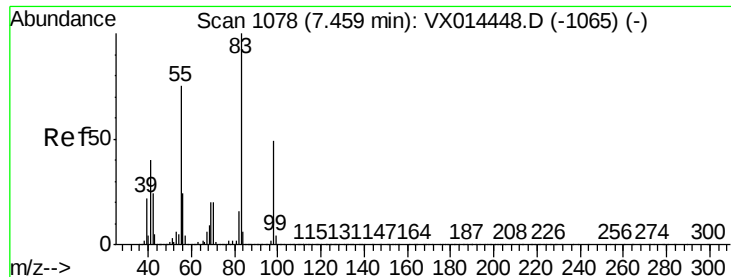
MMDadoda
1/15/2020 10:24:01 AM



#38
Carbon Tetrachloride
Concen: 18.997 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.8	110.8
121	30.8	23.4	35.0





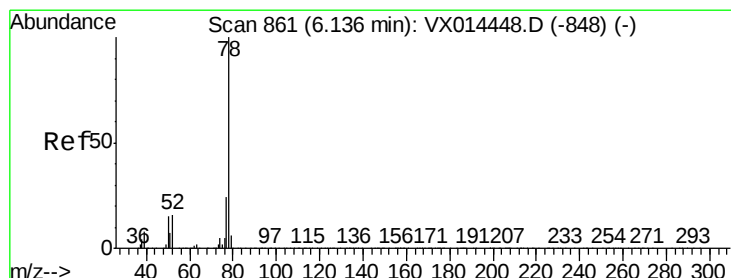
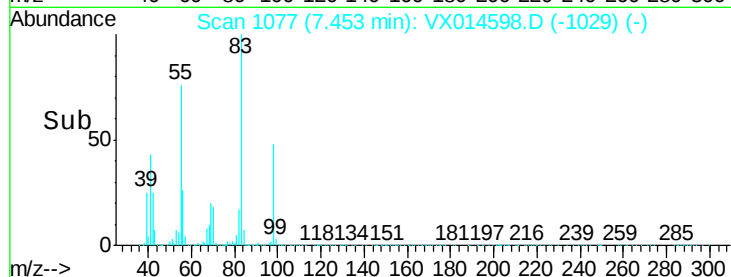
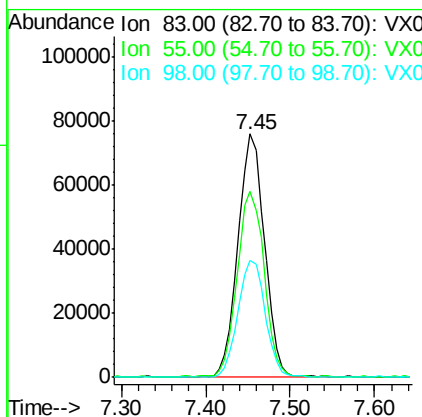
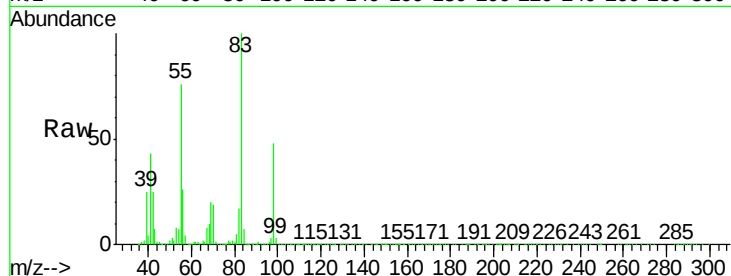
#39
Methvlcvclohexane
Concen: 18.790 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.7	89.5
98	47.9	39.1	58.7

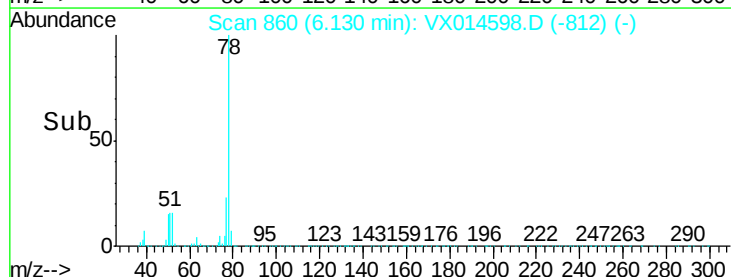
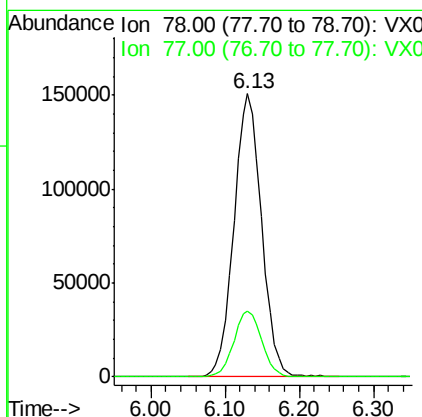
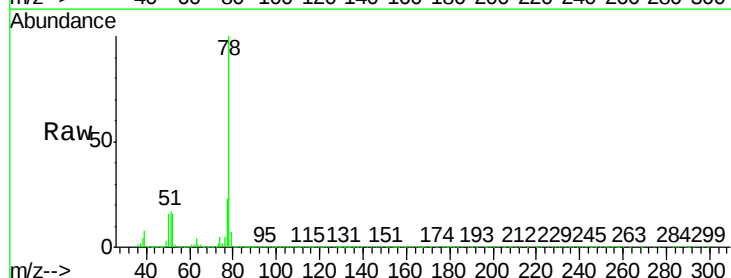
Manual Integrations
APPROVED

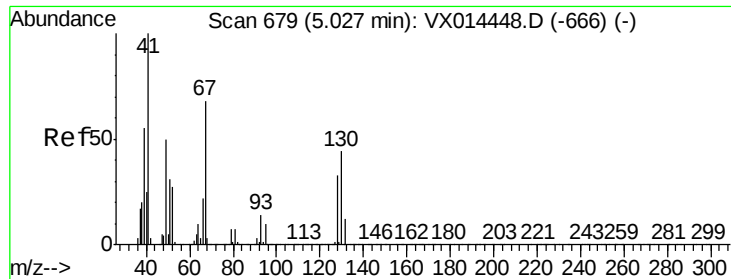
MMDadoda
1/15/2020 10:24:01 AM



#40
Benzene
Concen: 19.363 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





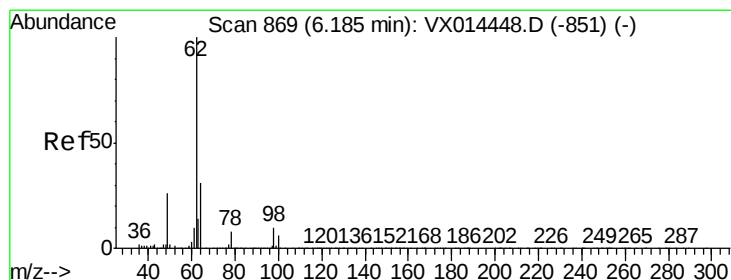
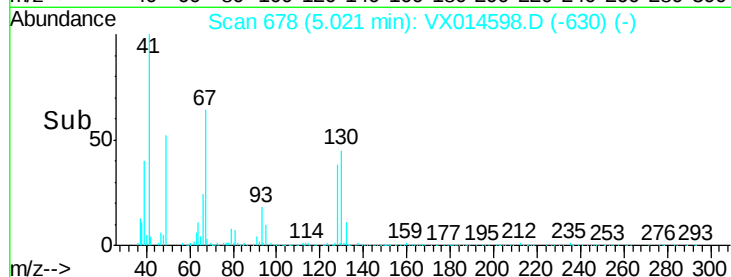
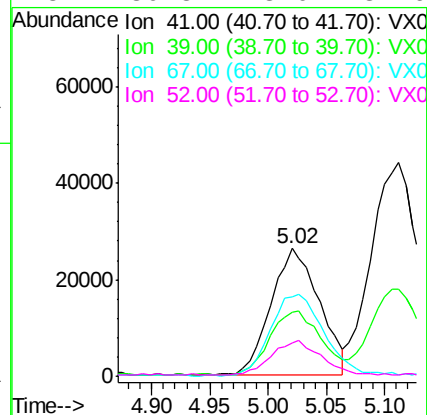
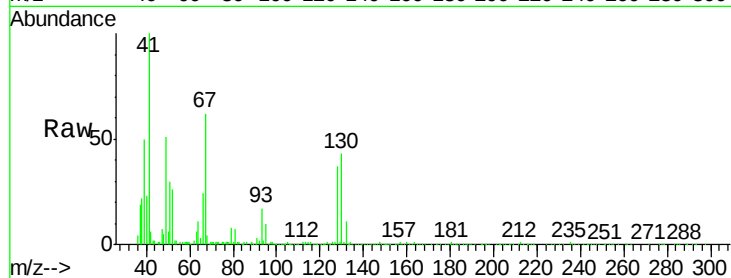
#41
Methacrylonitrile
Concen: 19.297 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.6	65.4
67	70.9	57.9	86.9
52	30.8	23.0	34.6

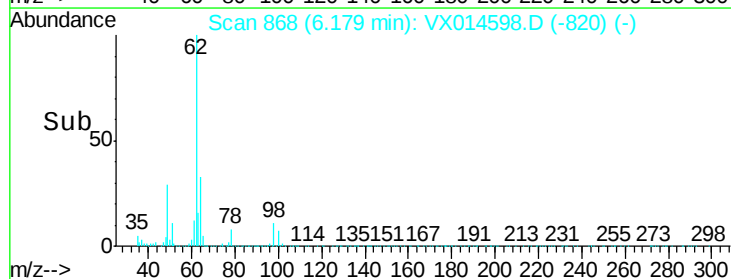
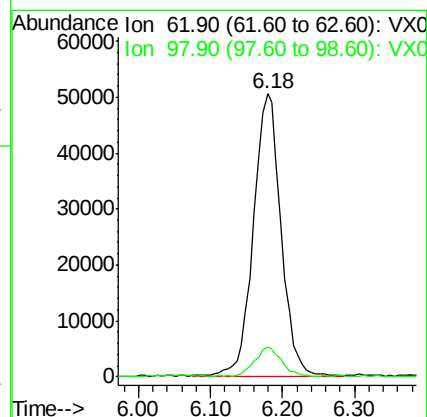
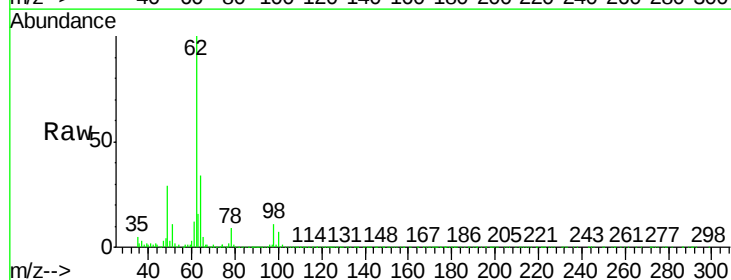
Manual Integrations
APPROVED

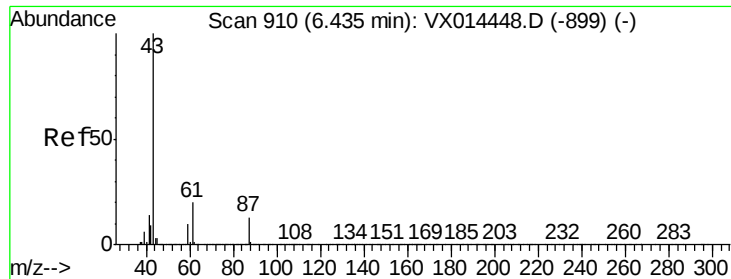
MMDadoda
1/15/2020 10:24:01 AM



#42
1,2-Dichloroethane
Concen: 19.285 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4





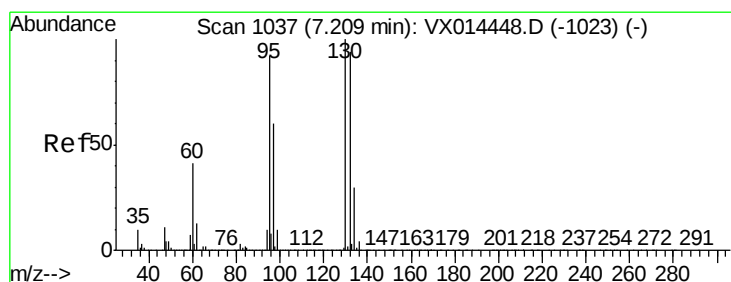
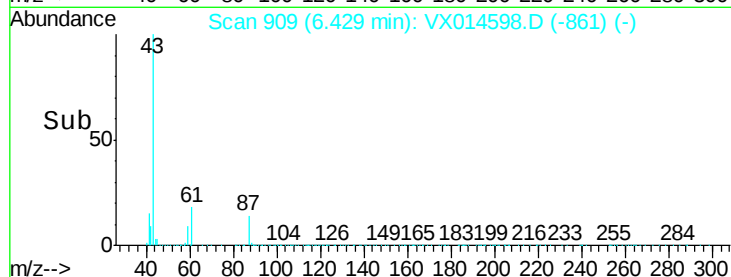
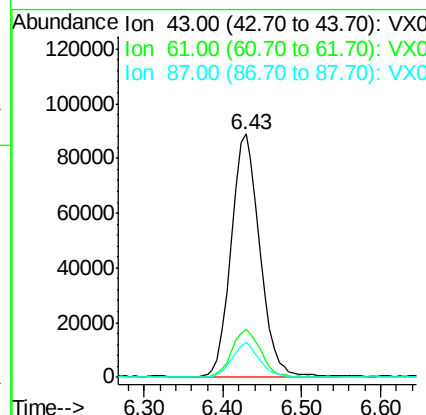
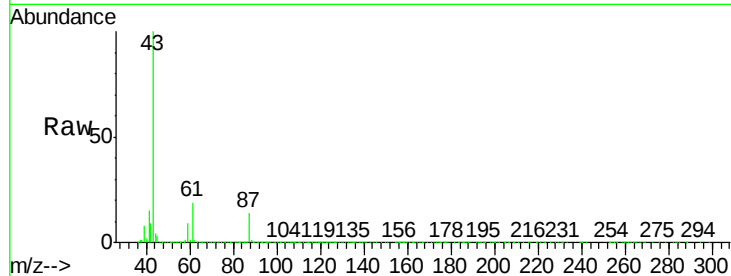
#43
Isopropyl Acetate
Concen: 18.715 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	43	Resp	223262
Ion Ratio	Lower	Upper	
43	100		
61	19.4	16.6	24.8
87	13.3	10.8	16.2

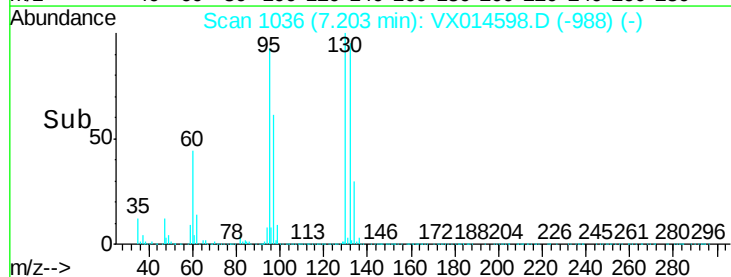
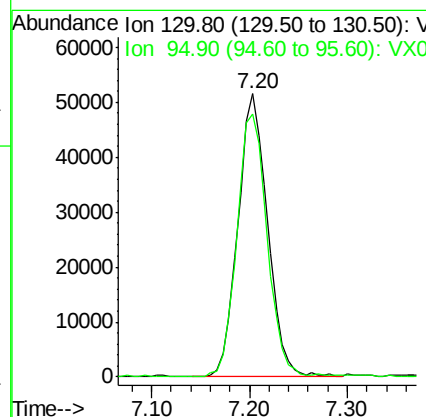
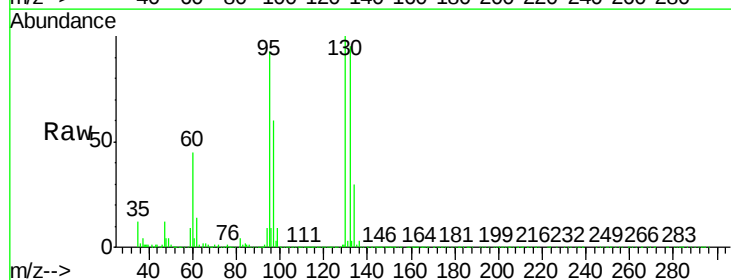
Manual Integrations
APPROVED

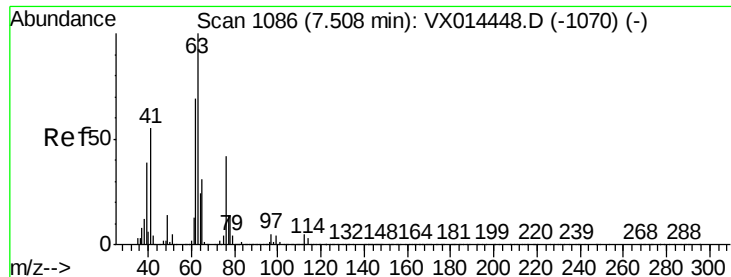
MMDadoda
1/15/2020 10:24:01 AM



#44
Trichloroethene
Concen: 18.581 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	130	Resp	107750
Ion Ratio	Lower	Upper	
130	100		
95	92.7	0.0	184.2





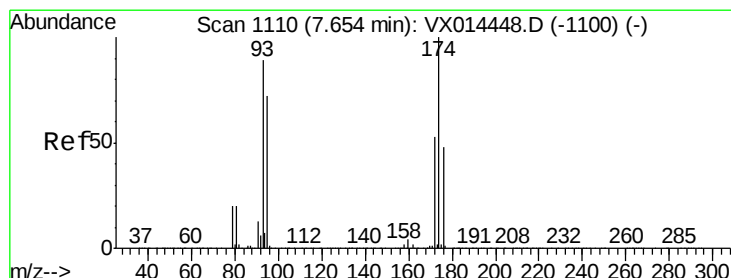
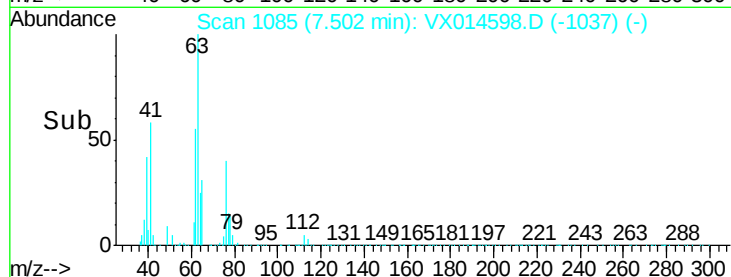
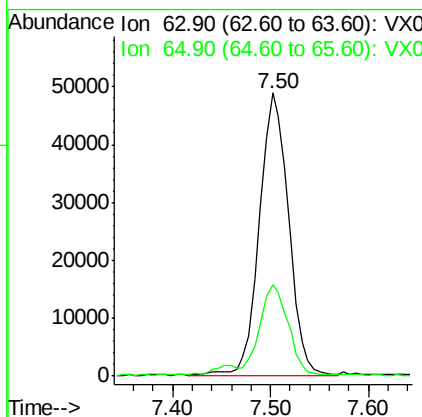
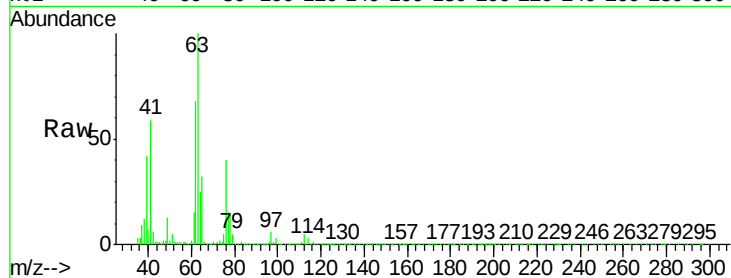
#45
 1,2-Dichloropropane
 Concen: 19.973 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.8	37.2

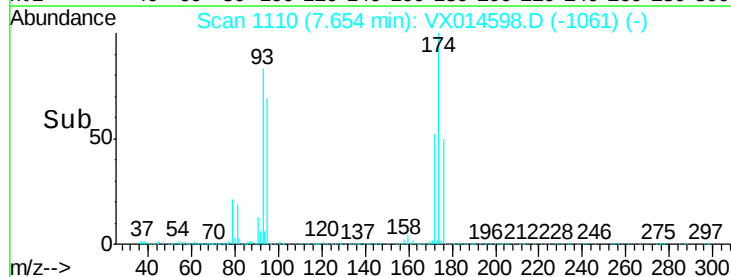
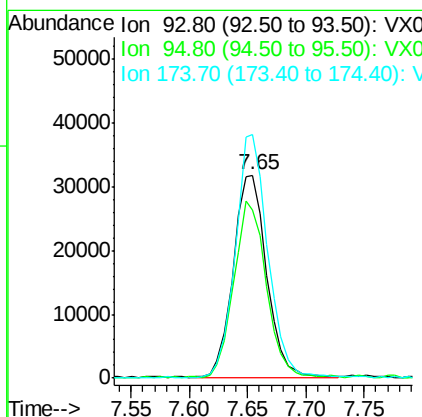
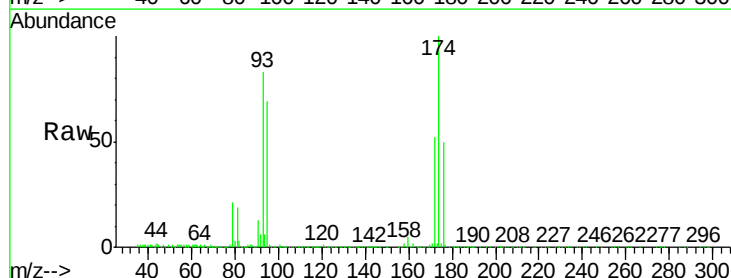
Manual Integrations
 APPROVED

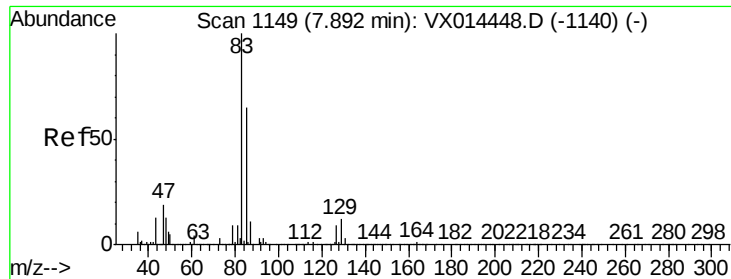
MMDadoda
 1/15/2020 10:24:01 AM



#46
 Dibromomethane
 Concen: 17.728 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	65.4	98.2
174	116.2	93.0	139.4





#47

Bromodichloromethane

Concen: 19.383 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

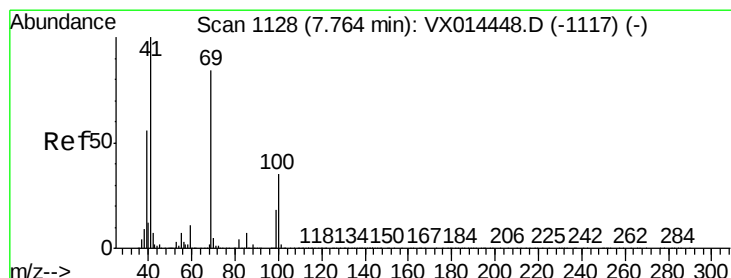
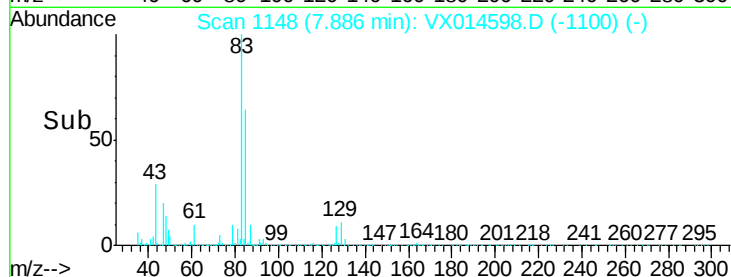
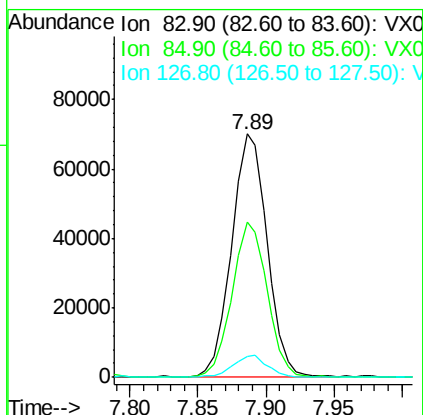
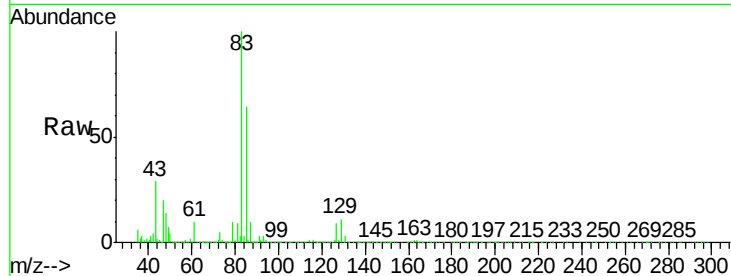
ClientSampleId :

VX0114WBS01

Tot Ion:	83	Resp:	126642
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.7	77.5
127	8.4	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#48

Methyl methacrylate

Concen: 19.131 ug/l

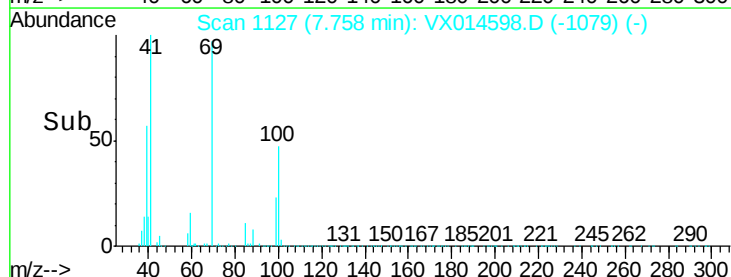
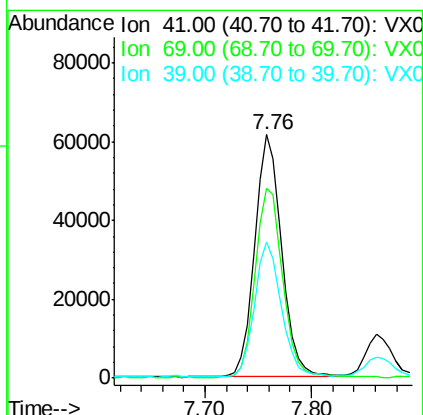
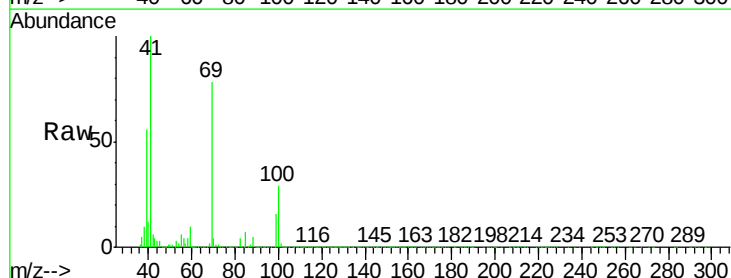
RT: 7.76 min Scan# 1127

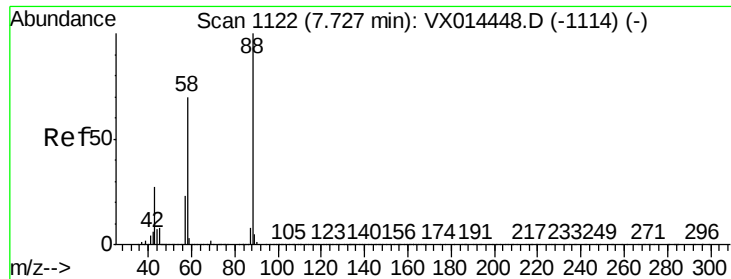
Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	41	Resp:	109307
Ion Ratio	Lower	Upper	
41	100		
69	80.7	65.5	98.3
39	55.3	43.9	65.9





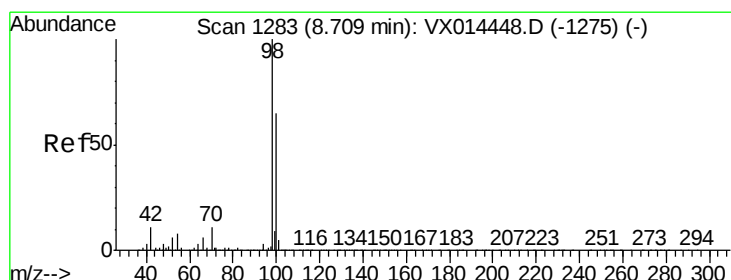
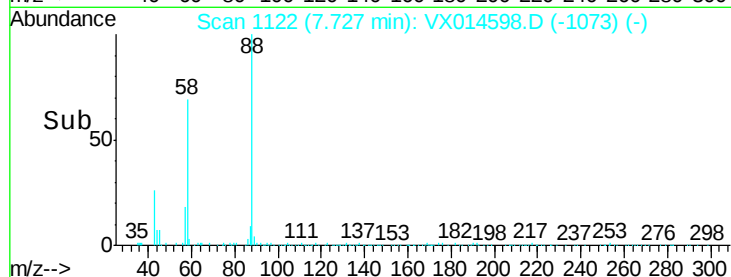
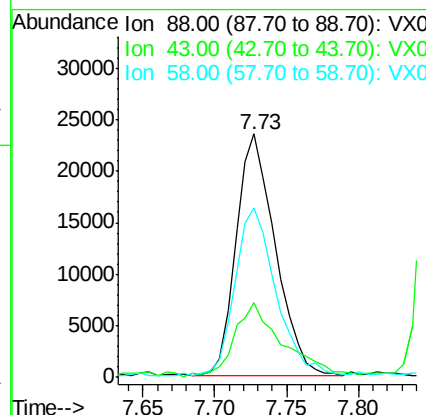
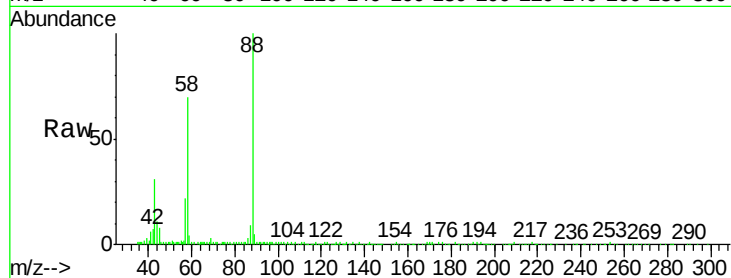
#49
1,4-Dioxane
Concen: 366.946 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	27.4	41.0
58	73.3	57.1	85.7

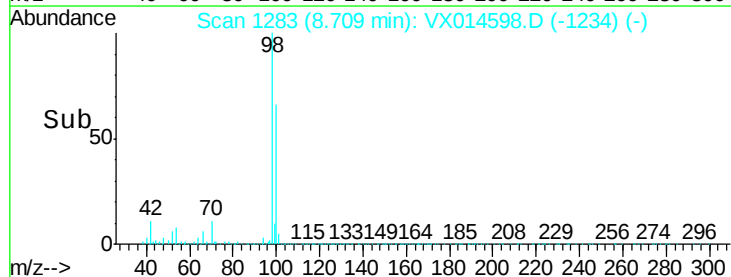
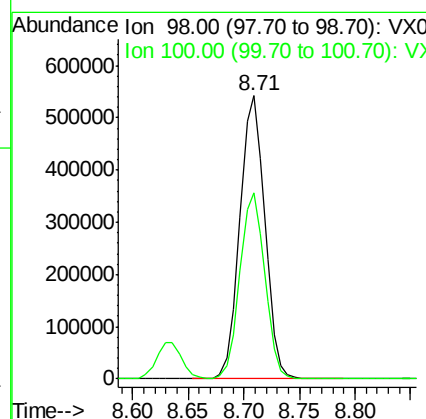
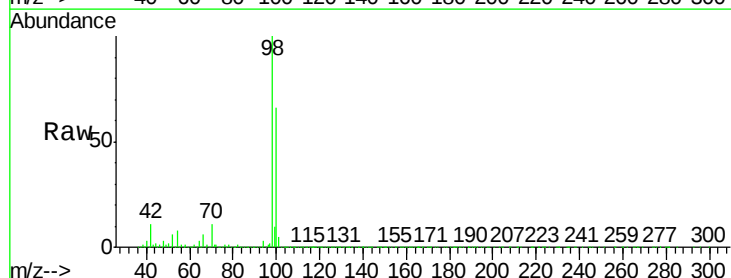
Manual Integrations
APPROVED

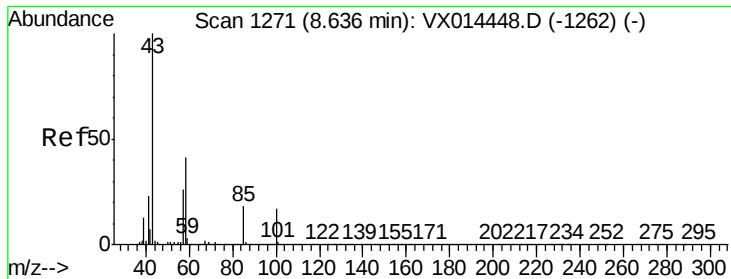
MMDadoda
1/15/2020 10:24:01 AM



#50
Toluene-d8
Concen: 49.577 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 97.430 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

Tot Ion: 43 Resp: 708275

Ion Ratio Lower Upper

43 100

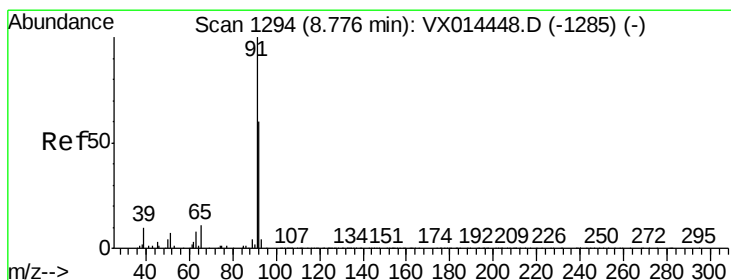
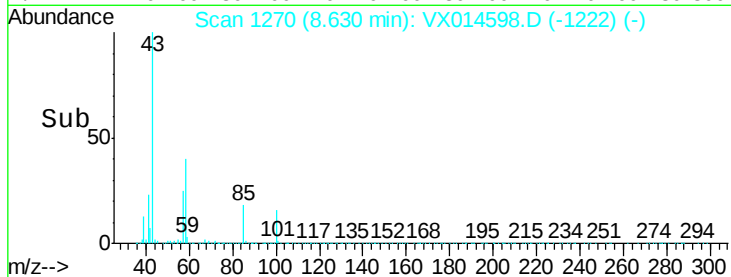
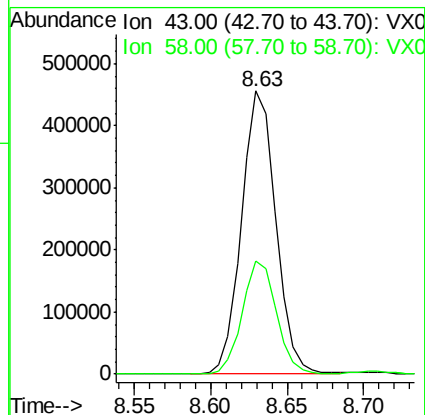
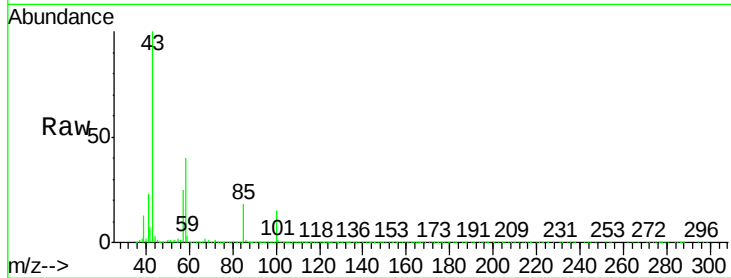
58 39.7 32.4 48.6

Manual Integrations

APPROVED

MMDadoda

1/15/2020 10:24:01 AM



#52

Toluene

Concen: 18.624 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014598.D

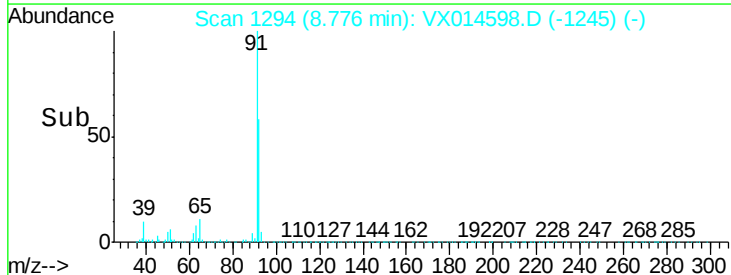
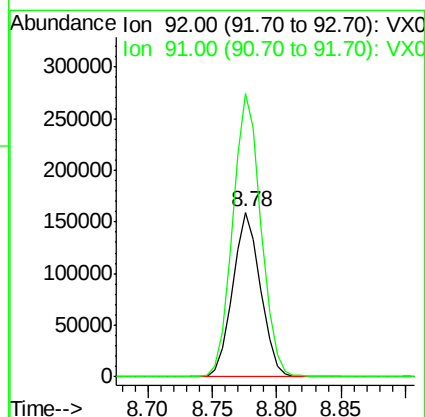
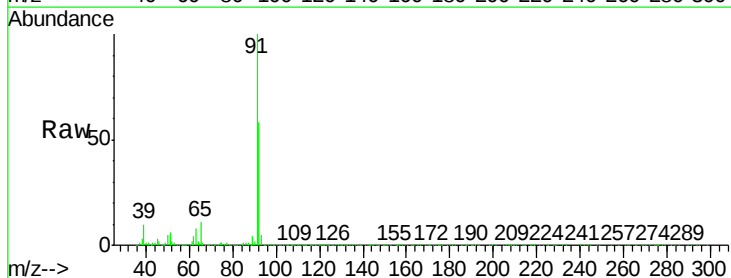
Acq: 14 Jan 2020 11:13

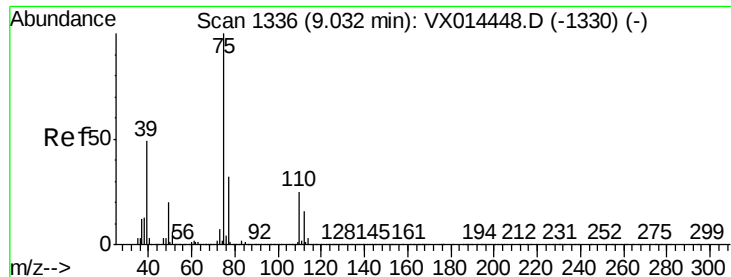
Tgt Ion: 92 Resp: 240569

Ion Ratio Lower Upper

92 100

91 174.3 135.7 203.5





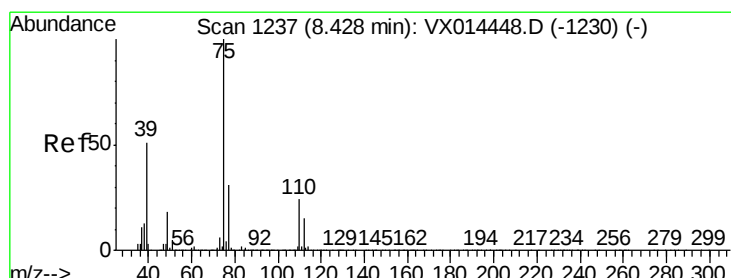
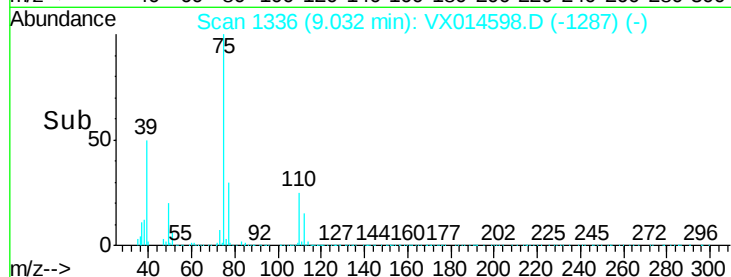
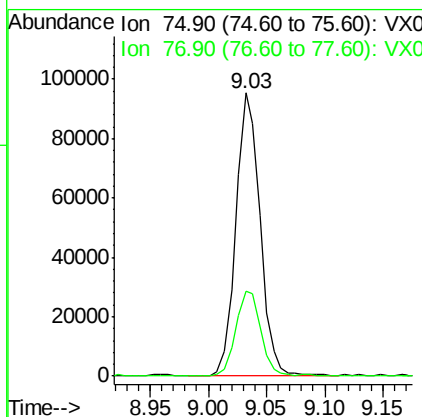
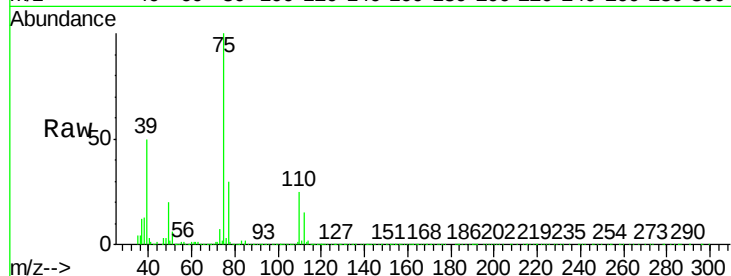
#53
t-1,3-Dichloropropene
Concen: 18.070 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.2

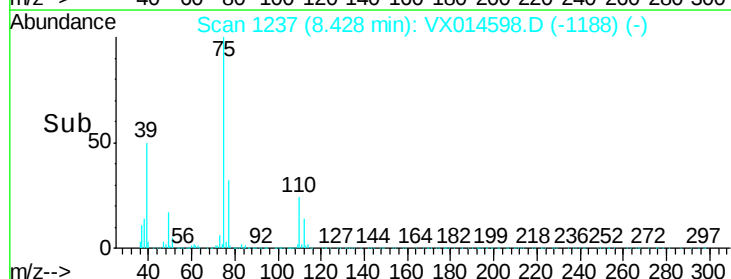
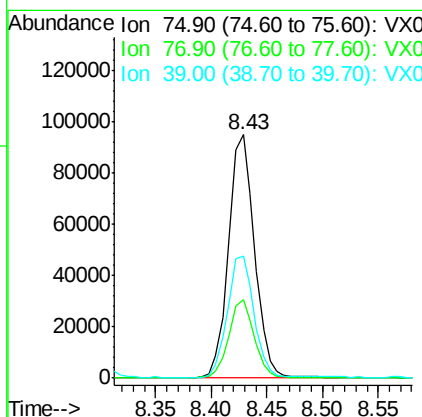
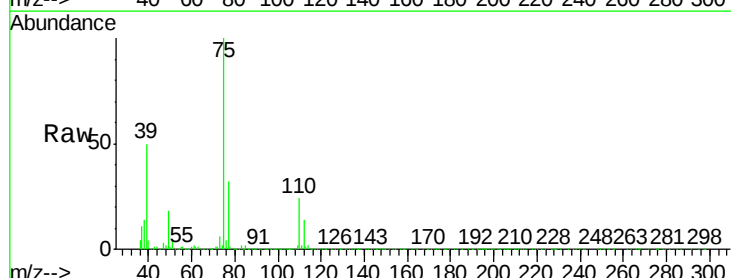
Manual Integrations
APPROVED

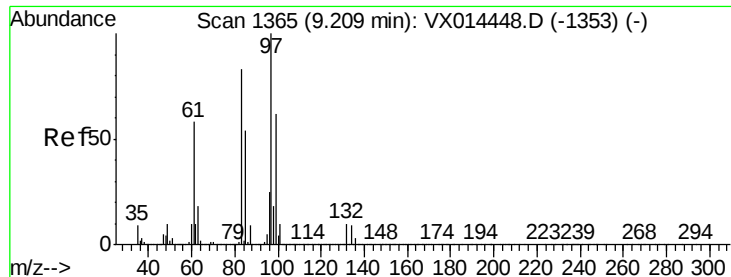
MMDadoda
1/15/2020 10:24:01 AM



#54
cis-1,3-Dichloropropene
Concen: 18.729 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4
39	49.6	40.7	61.1





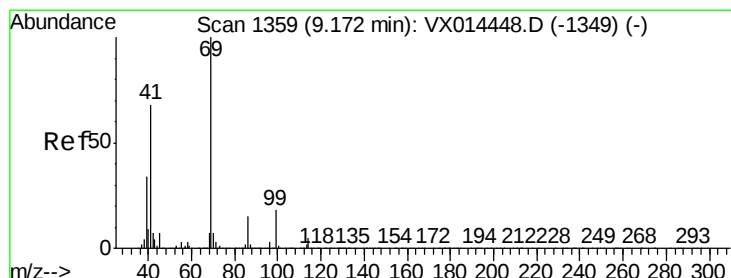
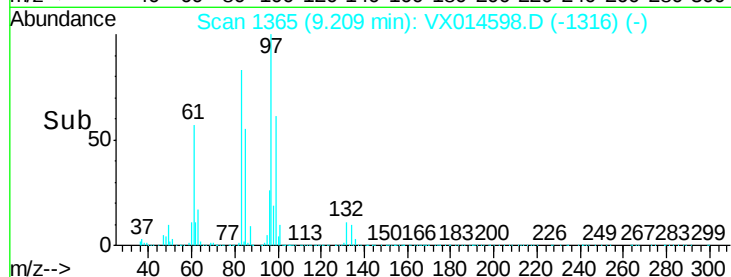
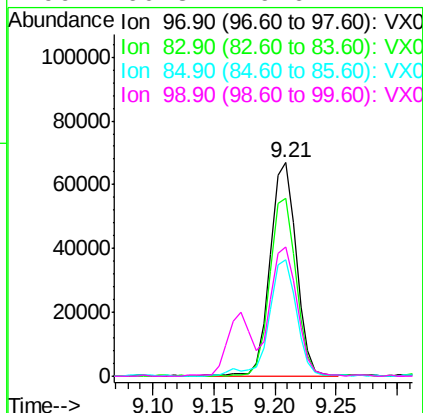
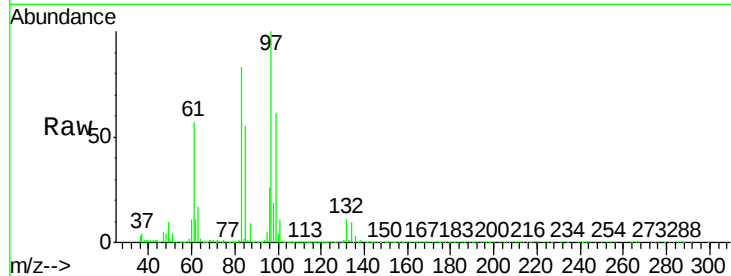
#55
 1,1,2-Trichloroethane
 Concen: 19.219 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tot Ion	Ion	Ratio	Resp: Lower	Upper
97	100			
83	82.9	66.4	99.6	
85	54.5	43.4	65.2	
99	60.3	49.6	74.4	

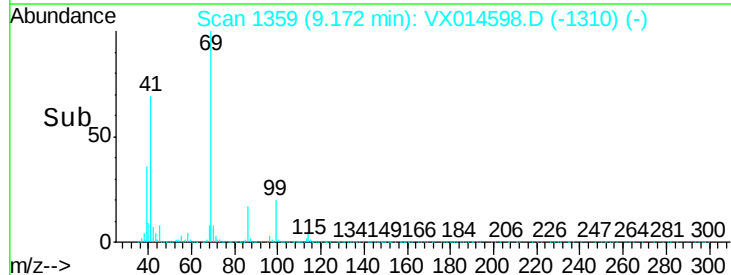
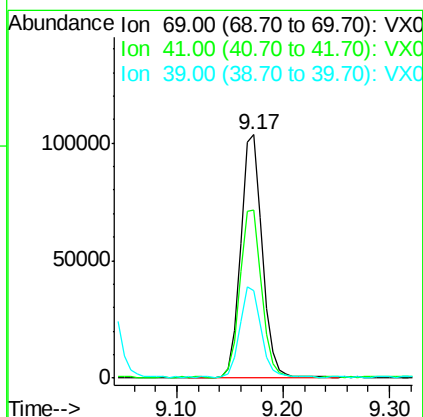
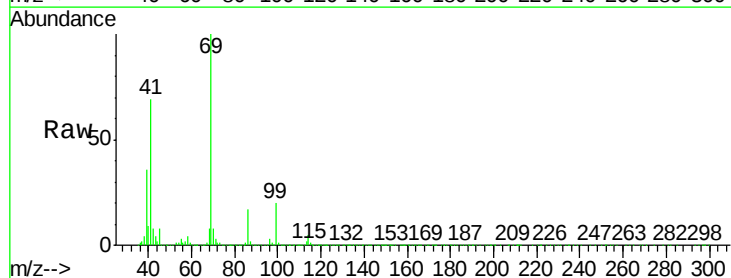
Manual Integrations
 APPROVED

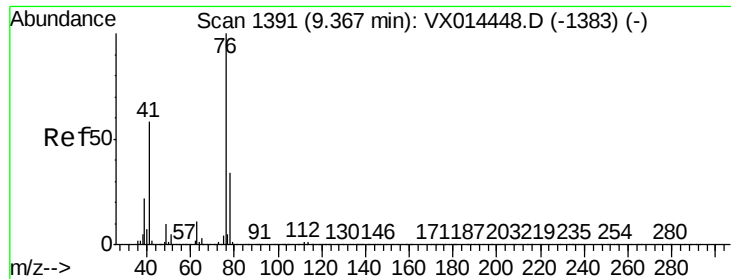
MMDadoda
 1/15/2020 10:24:01 AM



#56
 Ethyl methacrylate
 Concen: 18.584 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion	Ion	Ratio	Resp: Lower	Upper
69	100			
41	69.6	54.2	81.2	
39	36.4	28.2	42.2	





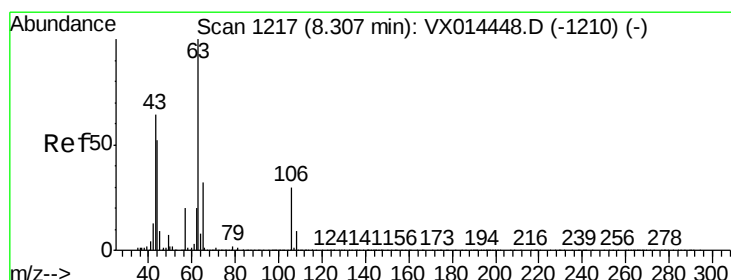
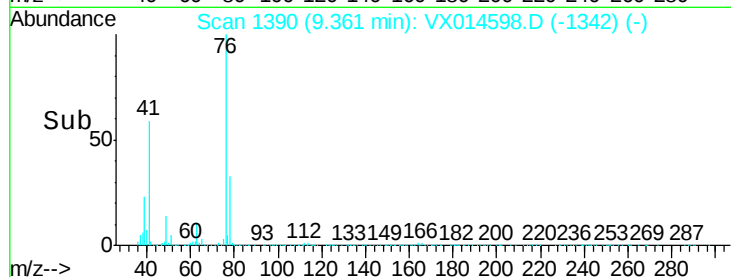
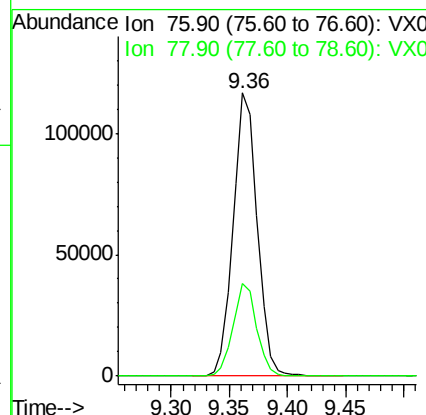
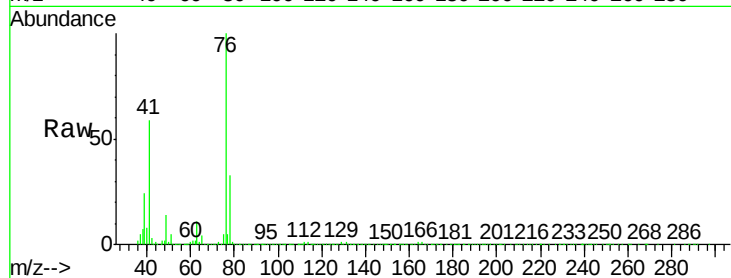
#57
 1,3-Dichloropropane
 Concen: 19.248 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.4	39.6

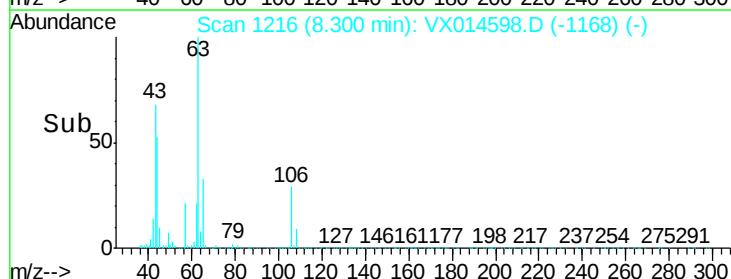
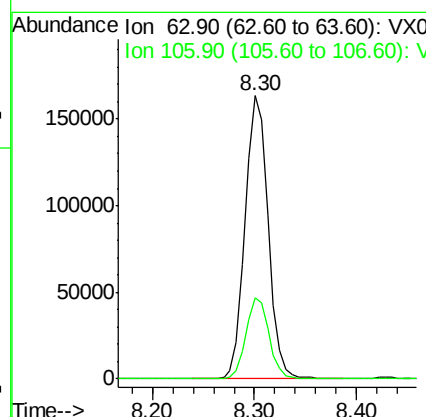
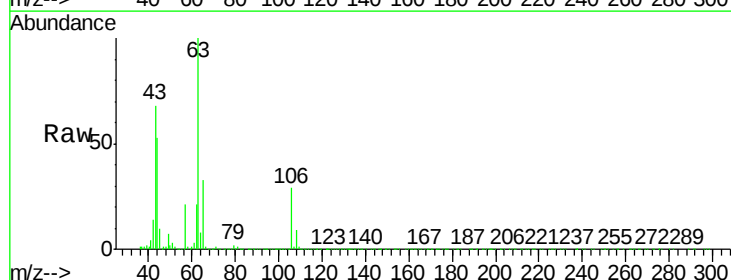
Manual Integrations
 APPROVED

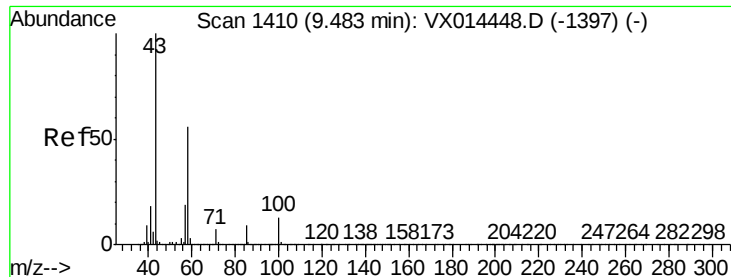
MMDadoda
 1/15/2020 10:24:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.226 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.6	35.4





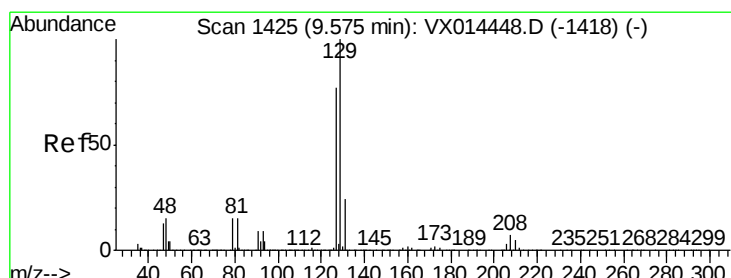
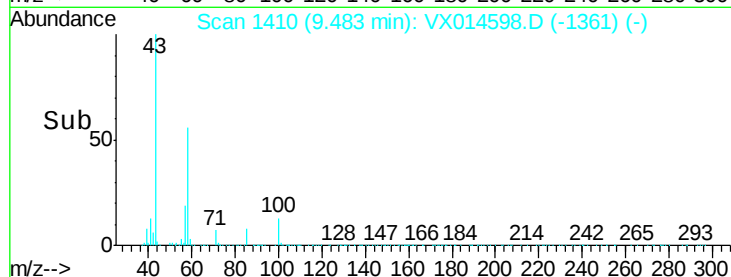
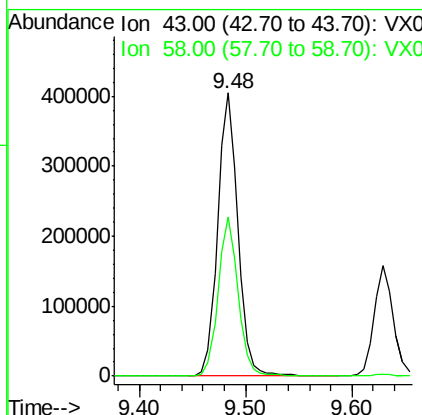
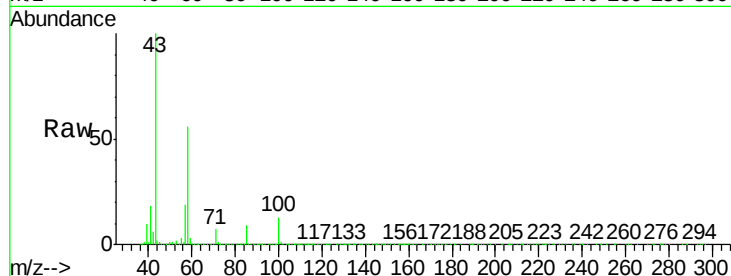
#59
2-Hexanone
Concen: 92.432 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion: 43 Resp: 531668
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.7

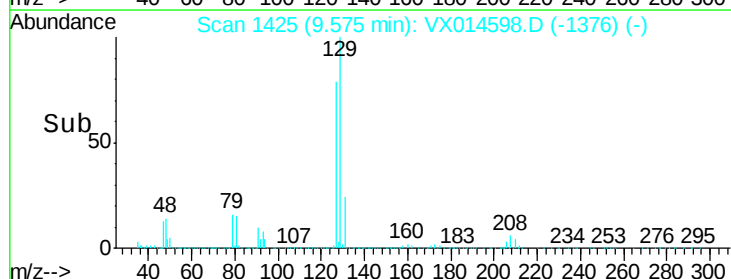
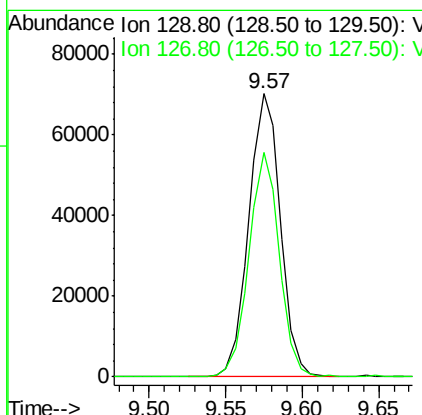
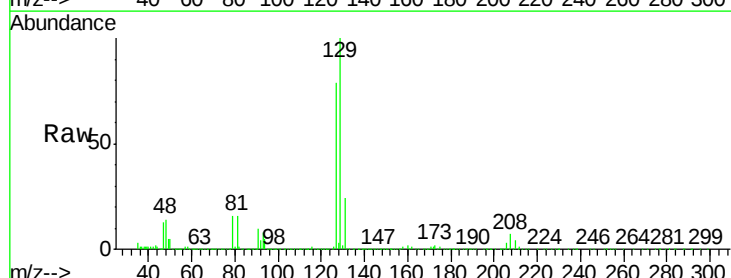
Manual Integrations
APPROVED

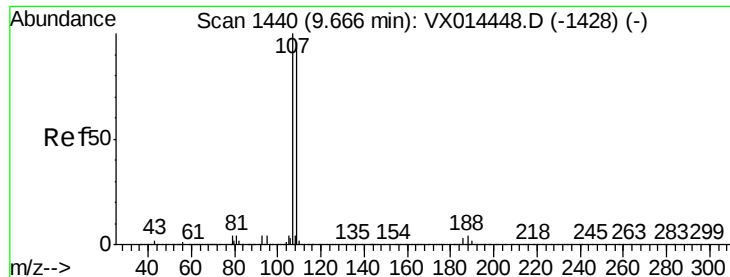
MMDadoda
1/15/2020 10:24:01 AM



#60
Dibromochloromethane
Concen: 19.330 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 129 Resp: 100805
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.681 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 107 Resp: 102668

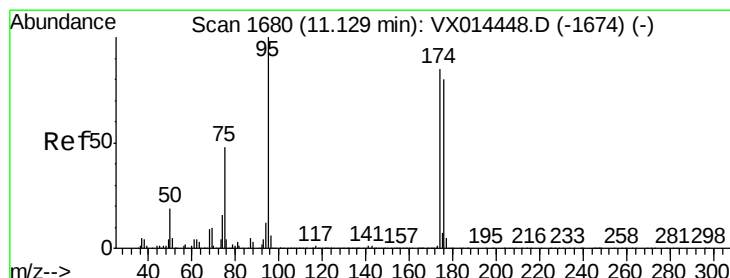
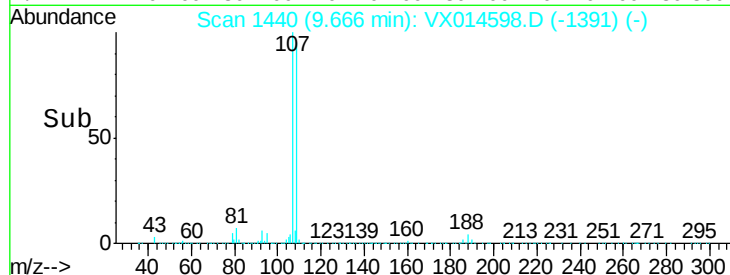
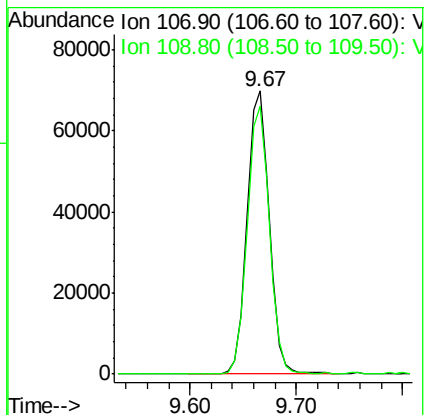
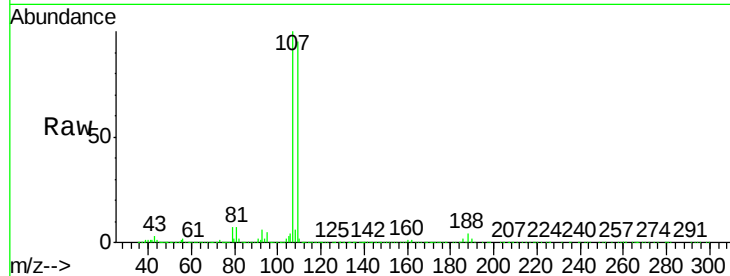
Ion Ratio Lower Upper

107 100

109 94.4 76.5 114.7

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#62

4-Bromofluorobenzene

Concen: 46.717 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

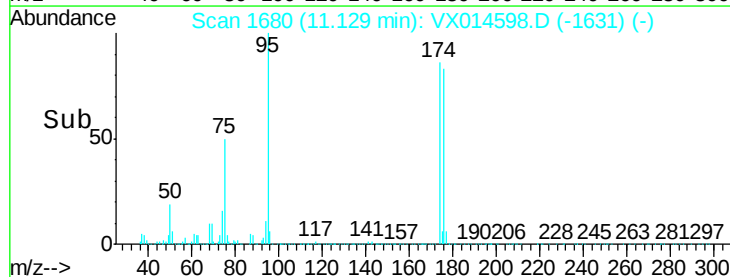
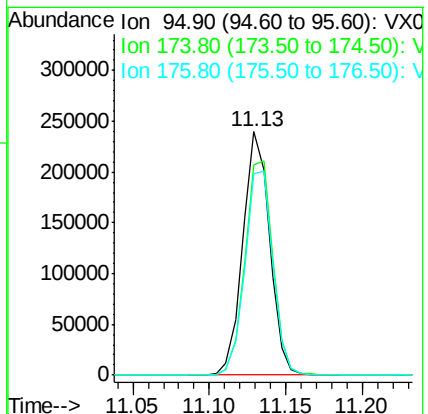
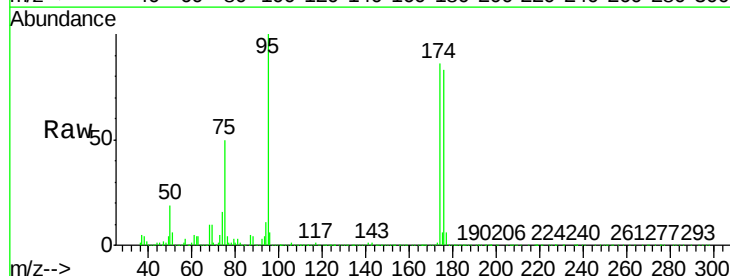
Tgt Ion: 95 Resp: 291270

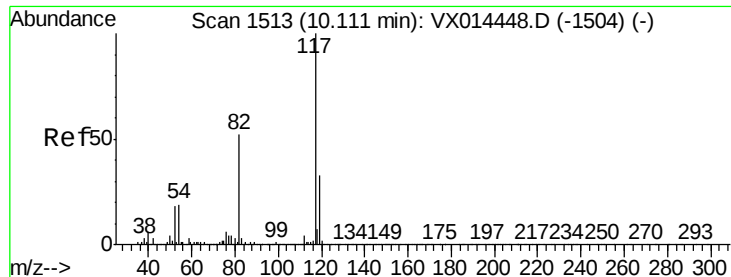
Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.8

176 87.5 0.0 172.8





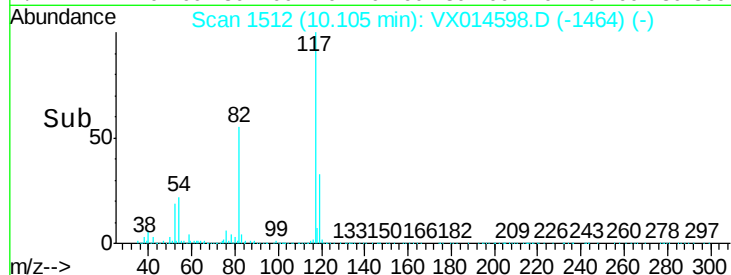
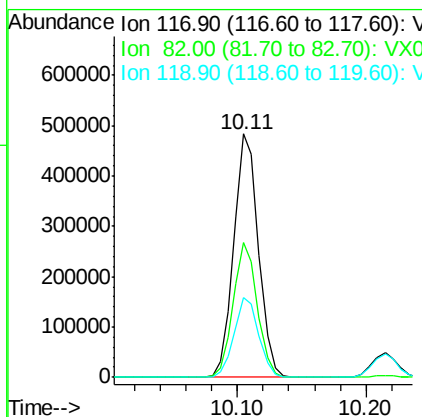
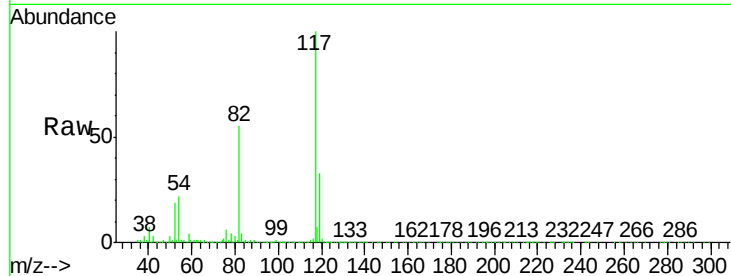
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	645820		
82	55.2	41.8	62.6	
119	32.7	26.2	39.4	

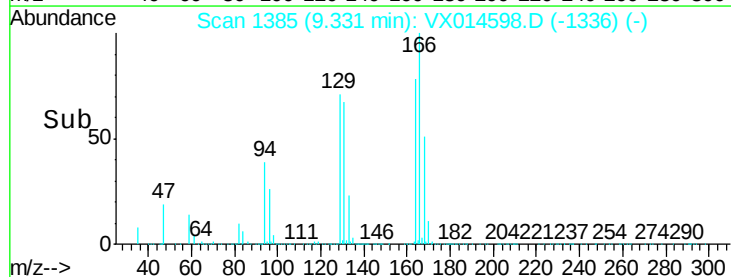
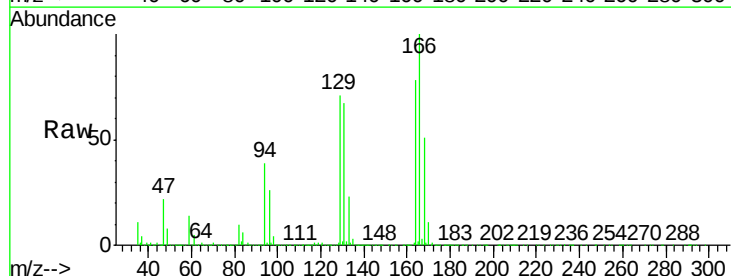
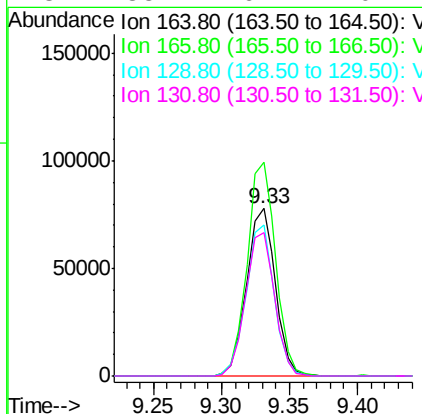
Manual Integrations
APPROVED

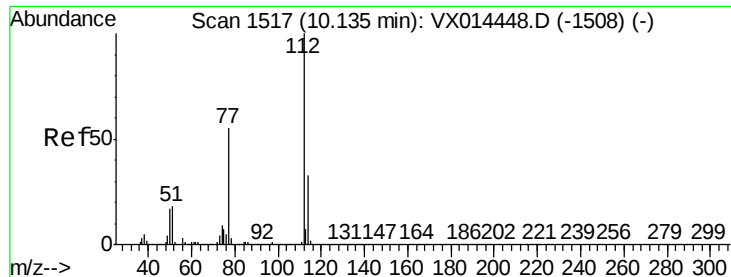
MMDadoda
1/15/2020 10:24:01 AM



#64
Tetrachloroethene
Concen: 17.916 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	115964		
166	127.3	101.2	151.8	
129	90.1	68.3	102.5	
131	85.4	67.4	101.2	





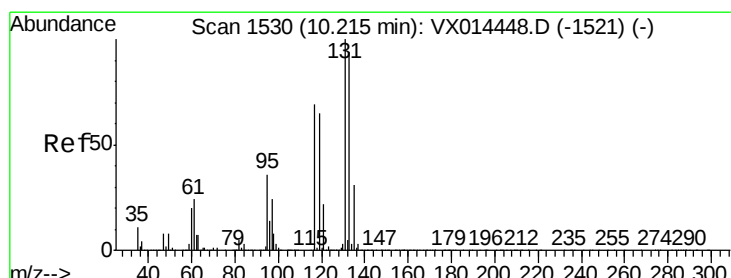
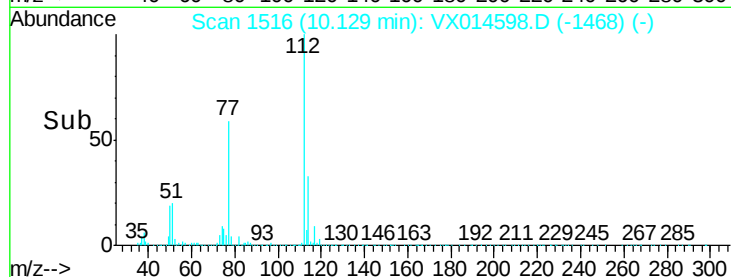
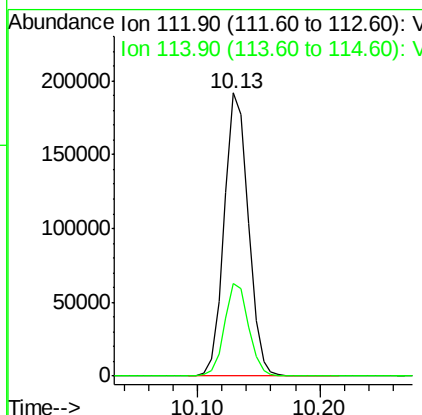
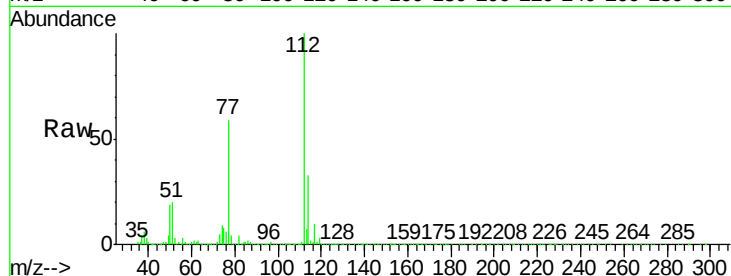
#65
Chlorobenzene
Concen: 18.669 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.4

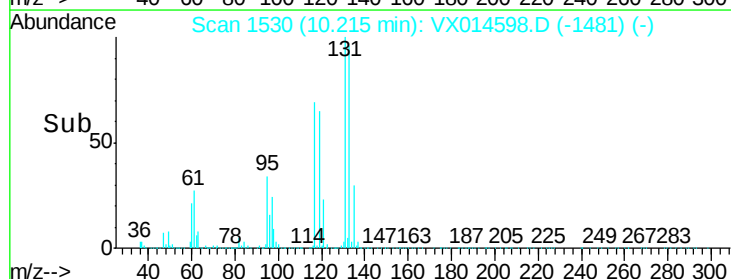
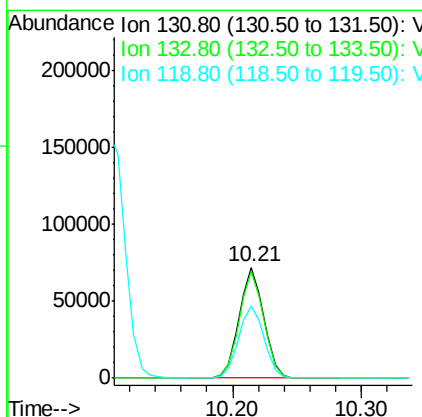
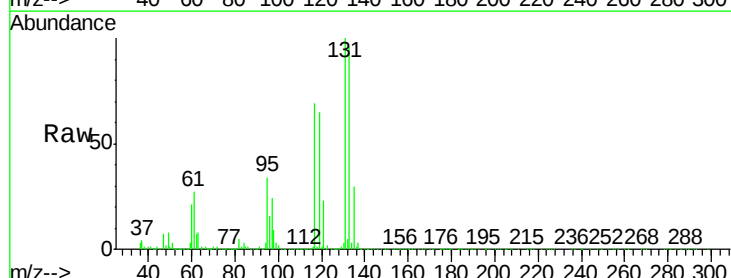
Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.943 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	142.0
119	67.8	32.8	98.4





#67

Ethyl Benzene

Concen: 19.269 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 91 Resp: 460306

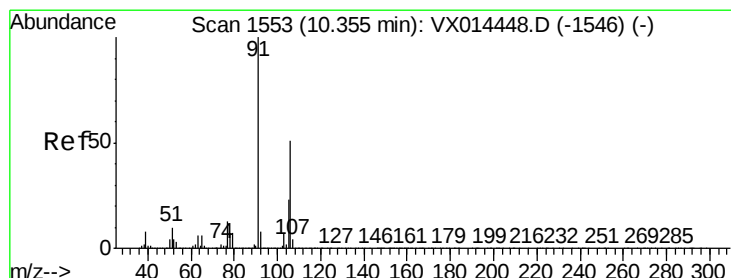
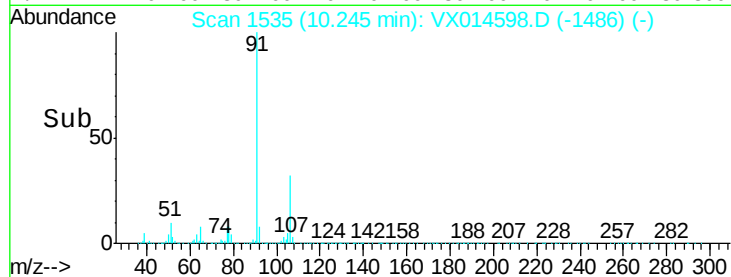
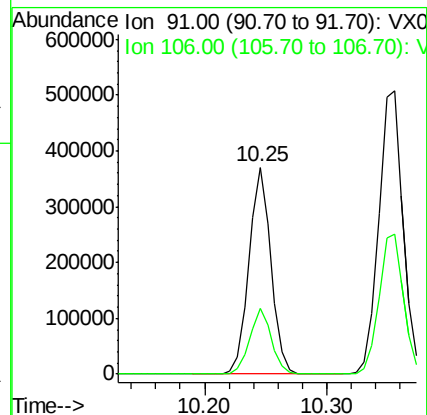
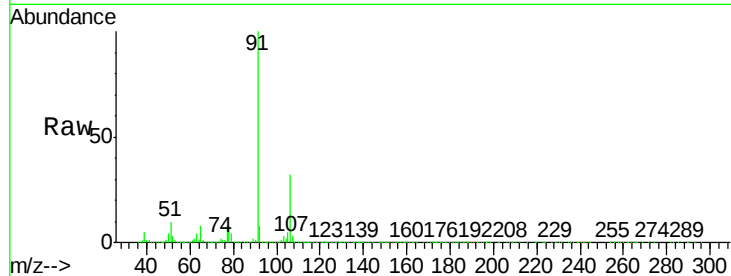
Ion Ratio Lower Upper

91 100

106 31.8 25.6 38.4

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#68

m/p-Xylenes

Concen: 38.023 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014598.D

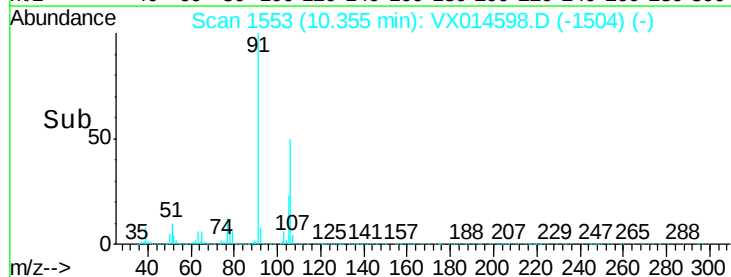
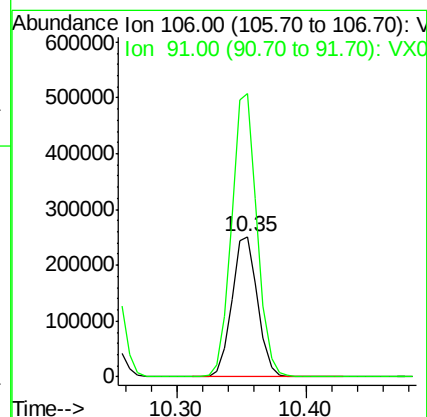
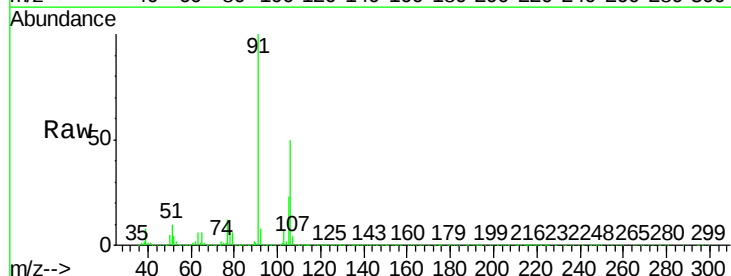
Acq: 14 Jan 2020 11:13

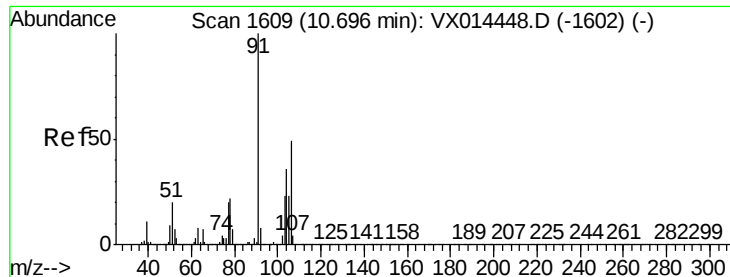
Tgt Ion: 106 Resp: 350419

Ion Ratio Lower Upper

106 100

91 200.5 157.4 236.0





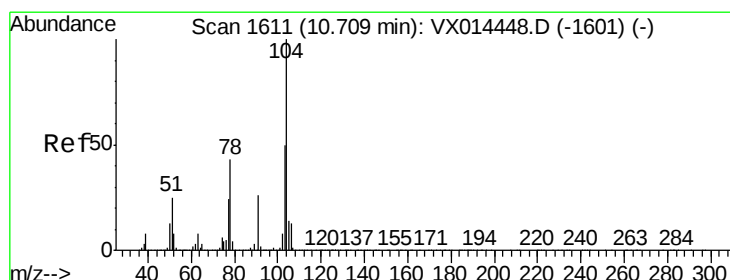
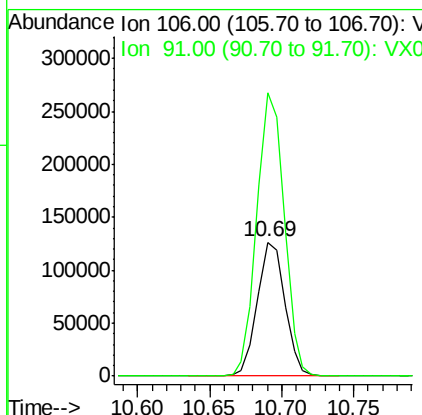
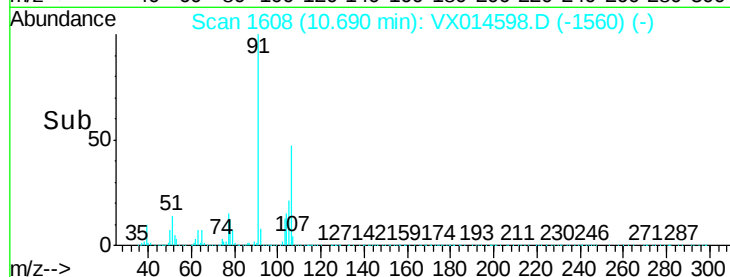
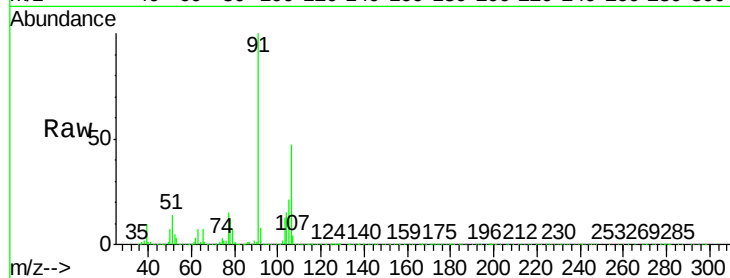
#69
o-Xylene
Concen: 18.945 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.1	315.1

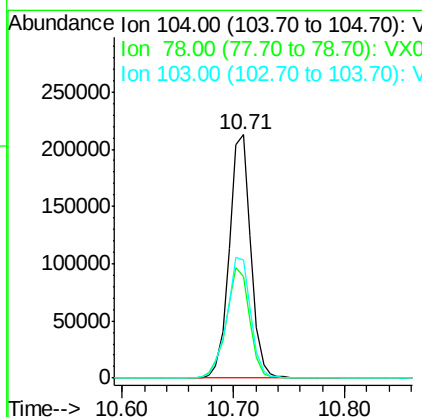
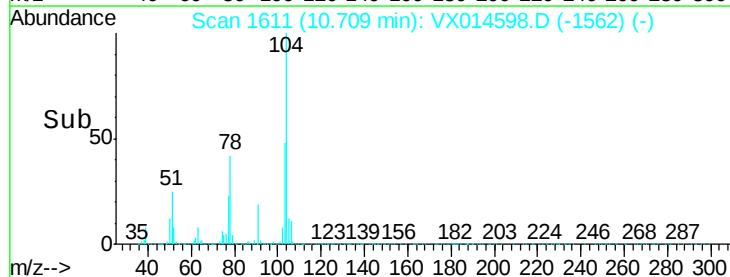
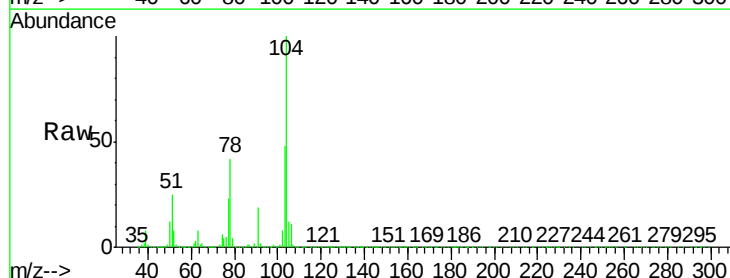
Manual Integrations
APPROVED

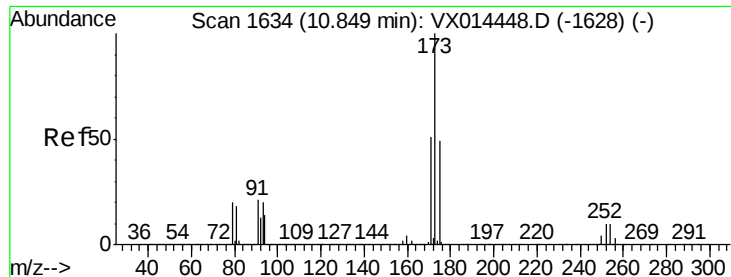
MMDadoda
1/15/2020 10:24:01 AM



#70
Styrene
Concen: 18.651 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.6	58.0
103	55.0	43.7	65.5





#71

Bromoform

Concen: 18.030 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

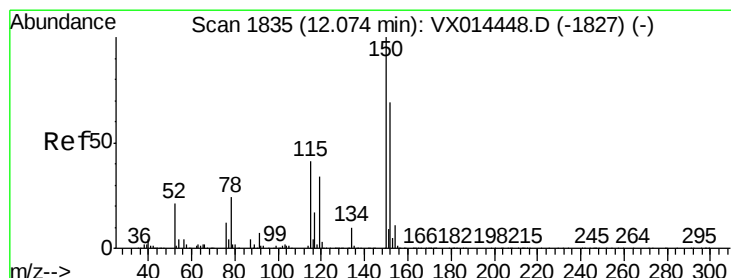
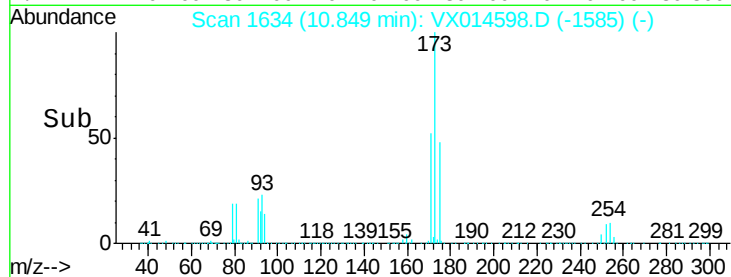
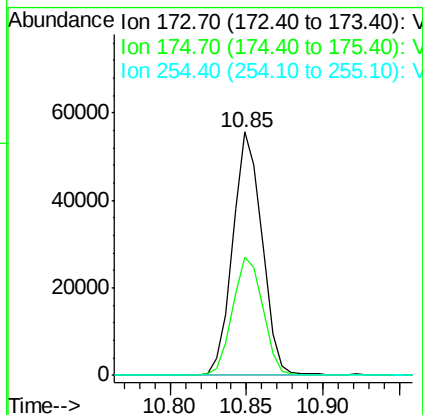
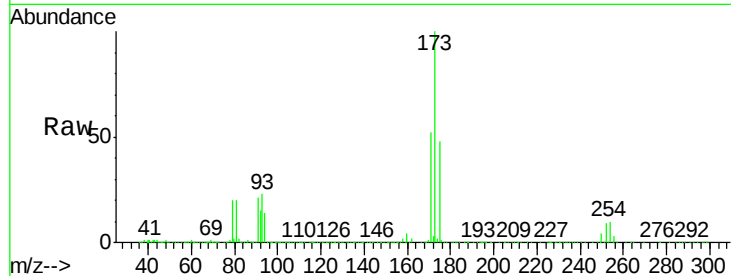
ClientSampleId :

VX0114WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.3	72.8
254	0.3	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

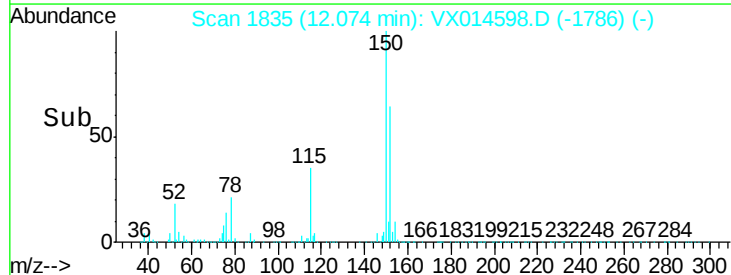
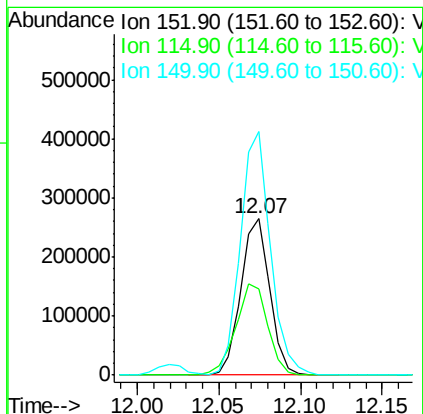
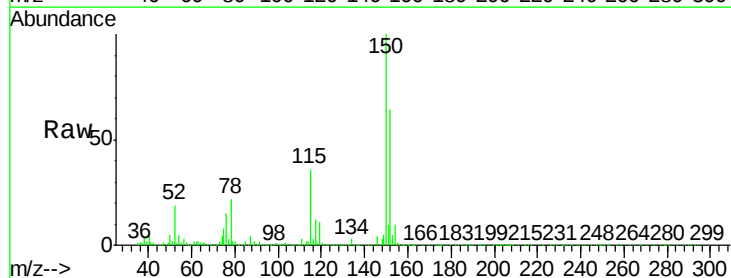
RT: 12.07 min Scan# 1835

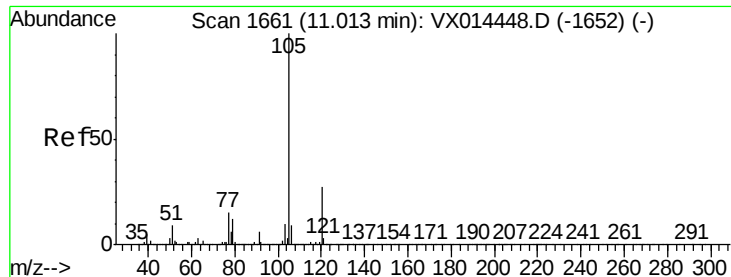
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	39.5	118.3
150	162.3	0.0	350.2





#73

Isopropylbenzene

Concen: 19.632 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion: 105 Resp: 449621

Ion Ratio Lower Upper

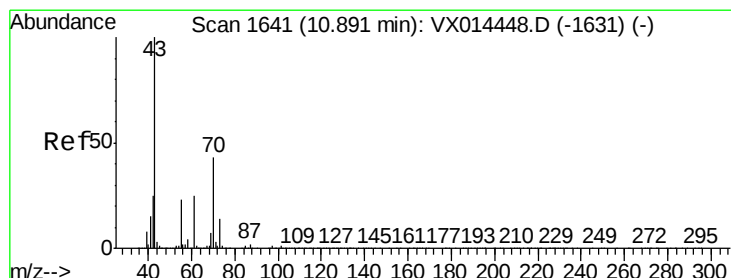
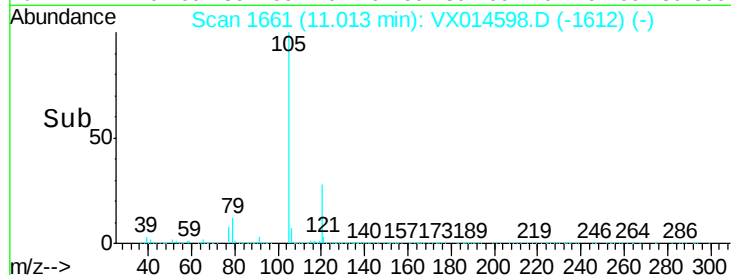
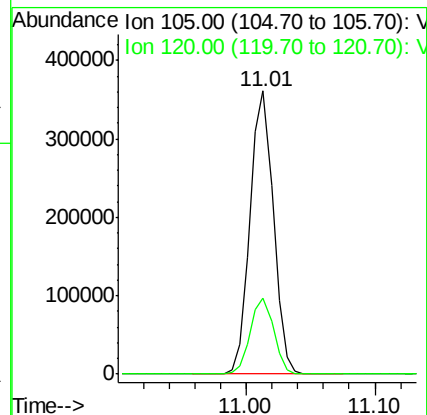
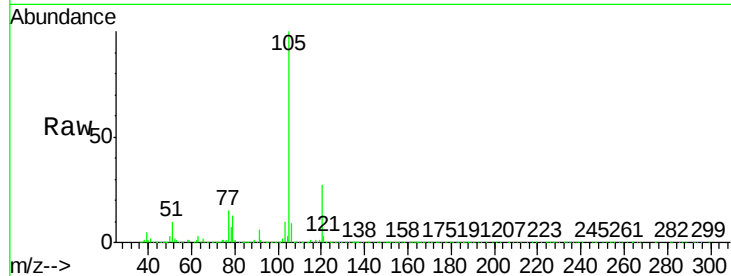
105 100

120 26.8 13.4 40.2

Manual Integrations
APPROVED

MMDadoda

1/15/2020 10:24:01 AM



#74

N-ethyl acetate

Concen: 18.336 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion: 43 Resp: 185275

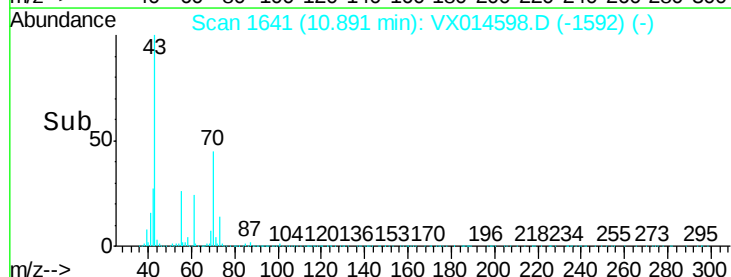
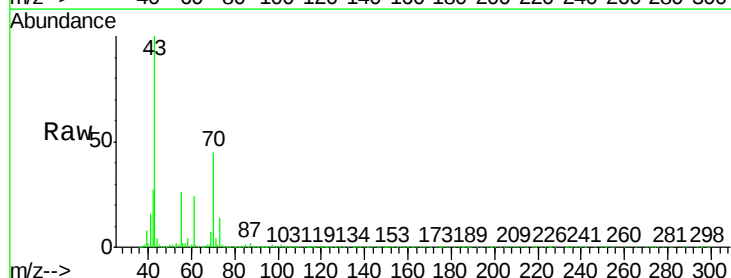
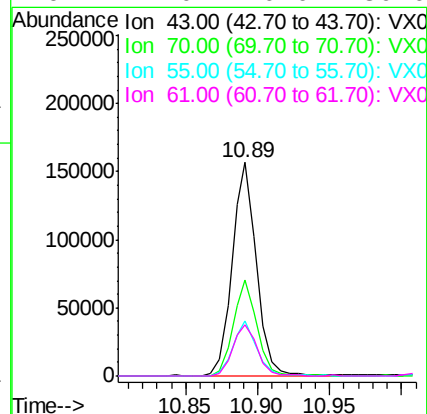
Ion Ratio Lower Upper

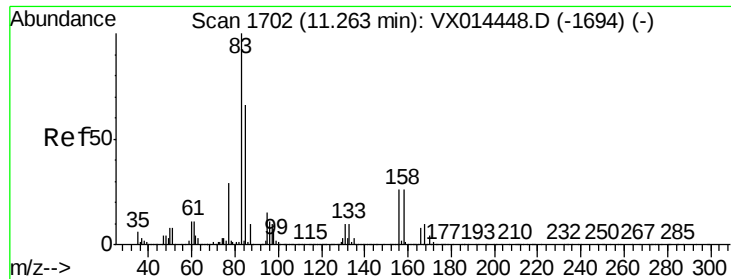
43 100

70 43.9 35.1 52.7

55 25.6 19.3 28.9

61 24.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.159 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

Tot Ion: 83 Resp: 140716

Ion Ratio Lower Upper

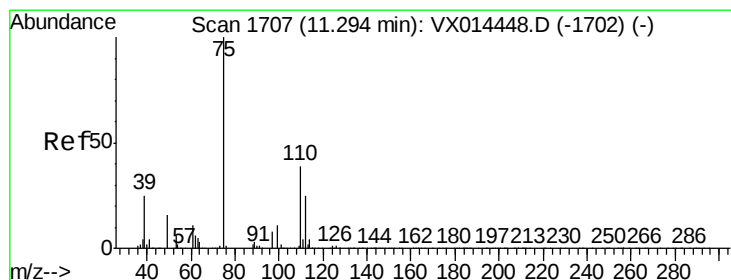
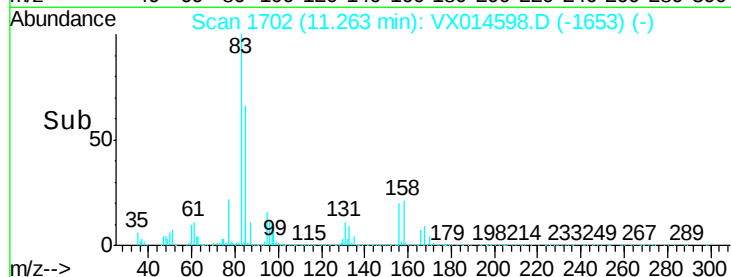
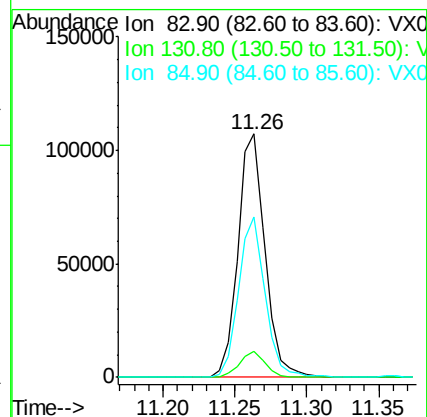
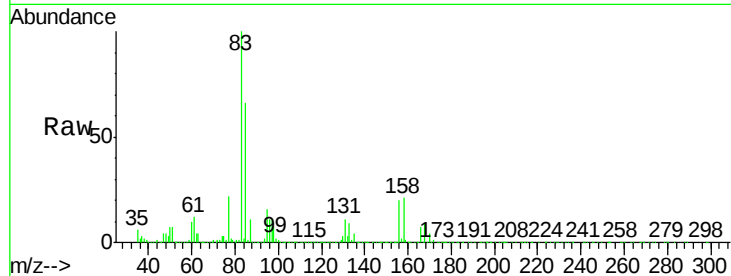
83 100

131 10.3 5.1 15.4

85 64.5 32.5 97.4

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#76

1,2,3-Trichloropropane

Concen: 18.566 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014598.D

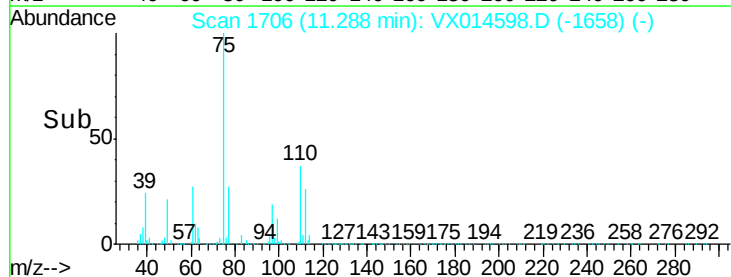
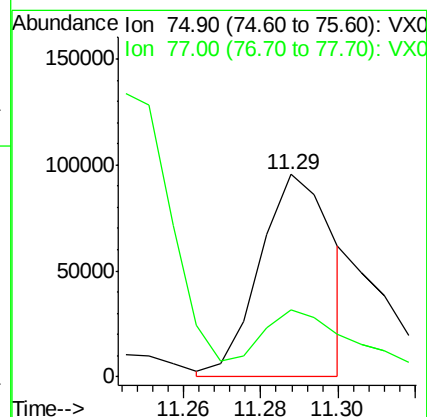
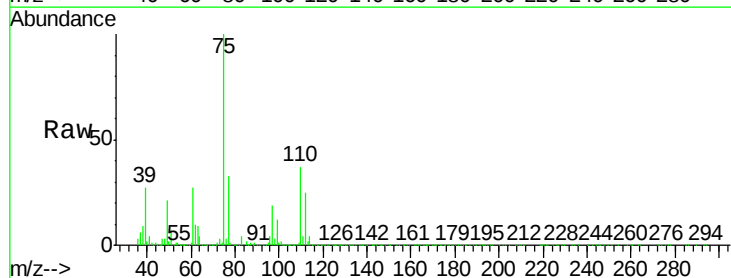
Acq: 14 Jan 2020 11:13

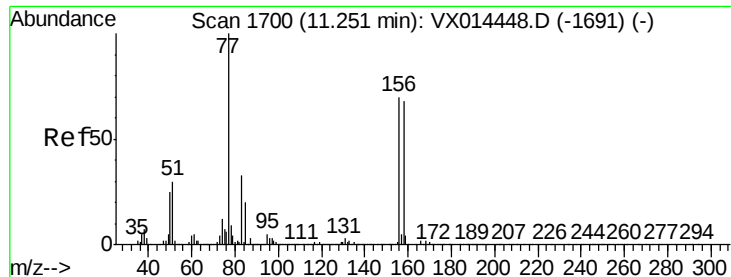
Tgt Ion: 75 Resp: 125282

Ion Ratio Lower Upper

75 100

77 43.6 21.9 65.7





#77

Bromobenzene

Concen: 18.705 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

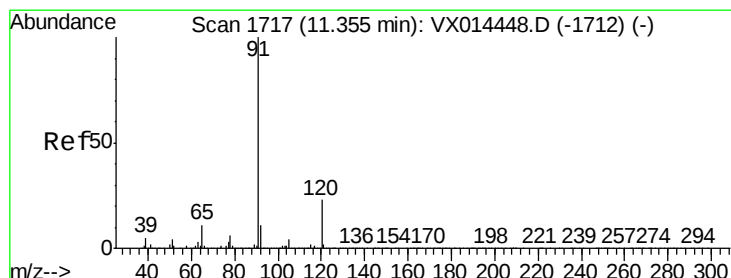
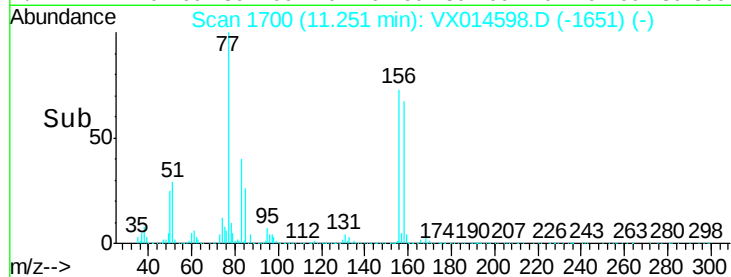
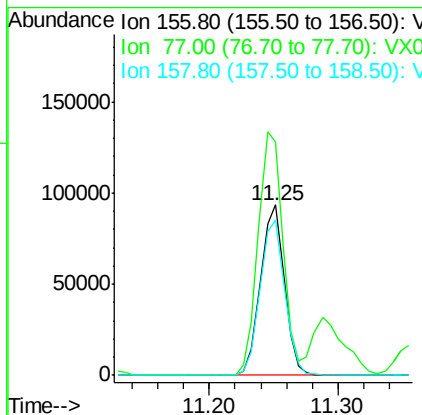
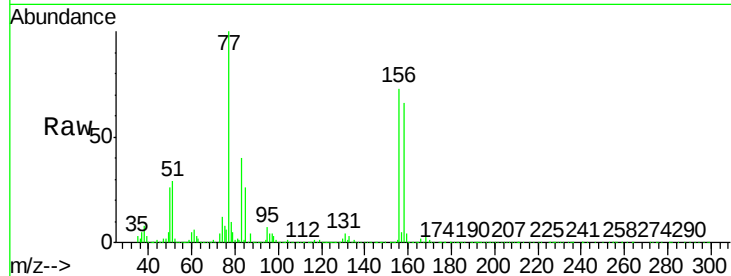
ClientSampleId :

VX0114WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.7	75.4	226.3
158	94.6	48.8	146.3

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#78

n-propylbenzene

Concen: 19.594 ug/l

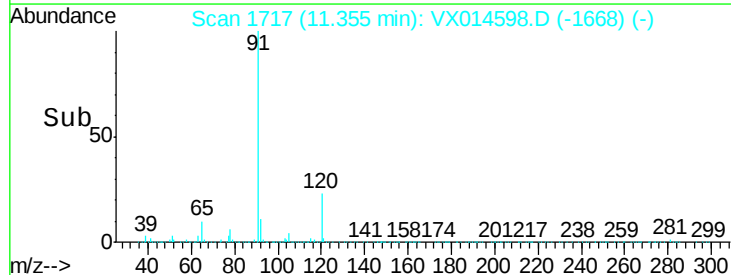
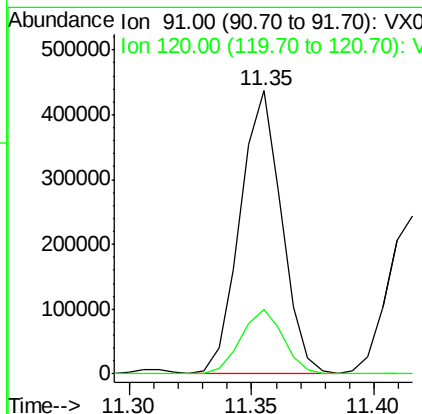
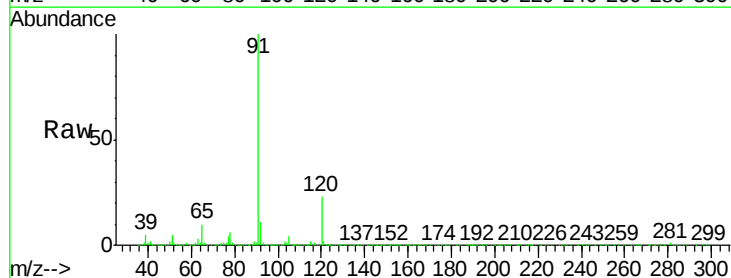
RT: 11.35 min Scan# 1717

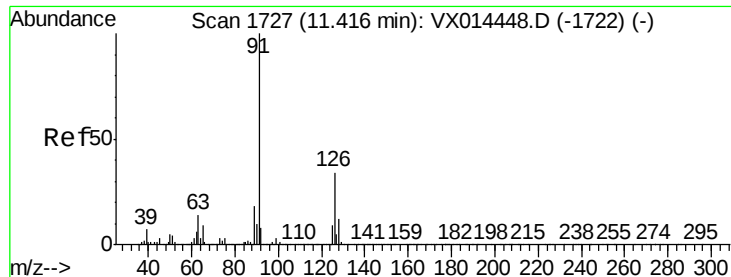
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.5





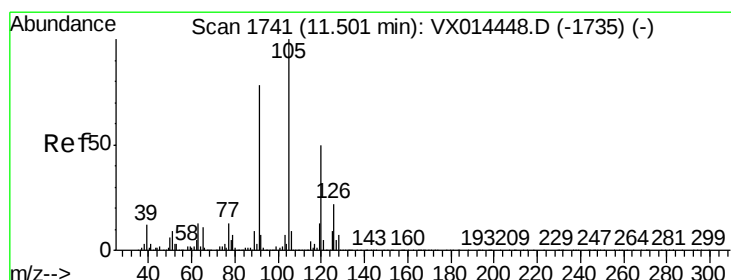
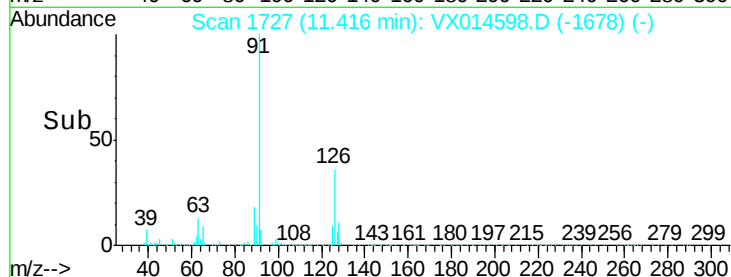
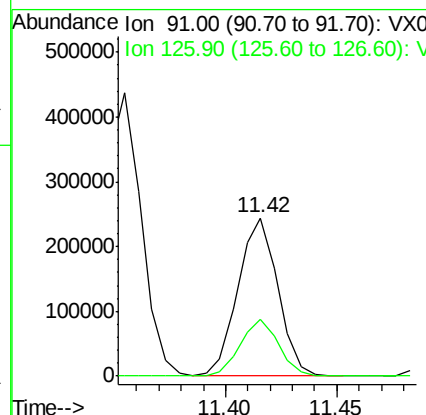
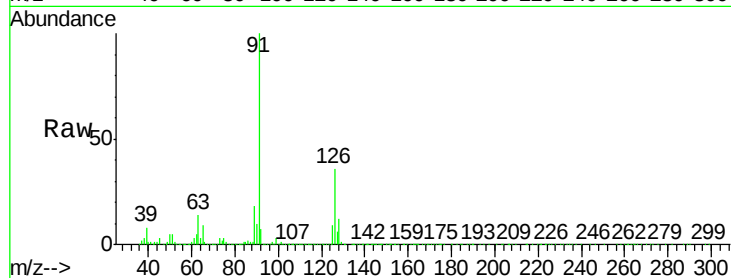
#79
2-Chlorotoluene
Concen: 19.434 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion: 91 Resp: 303795
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

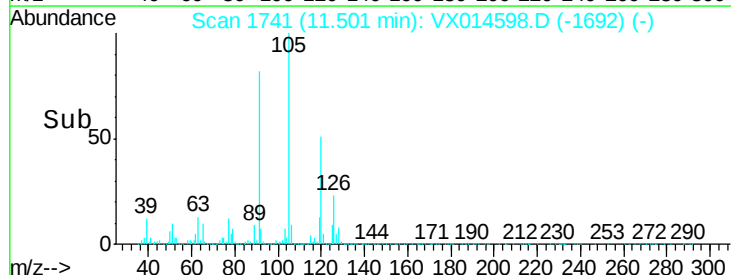
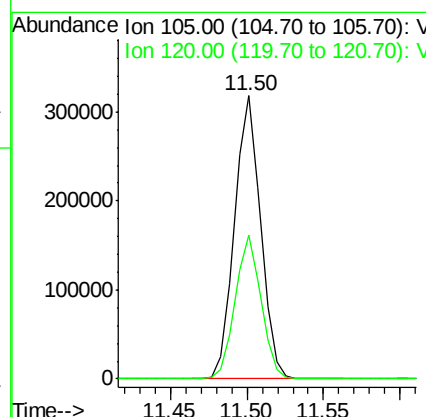
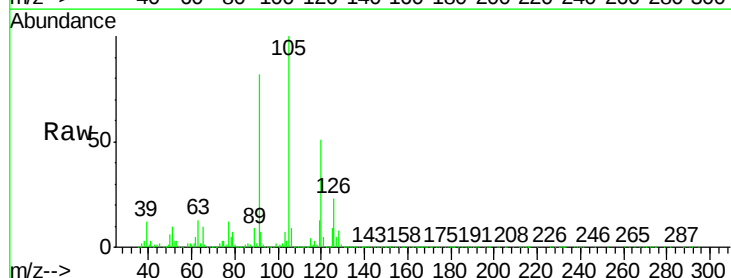
Manual Integrations
APPROVED

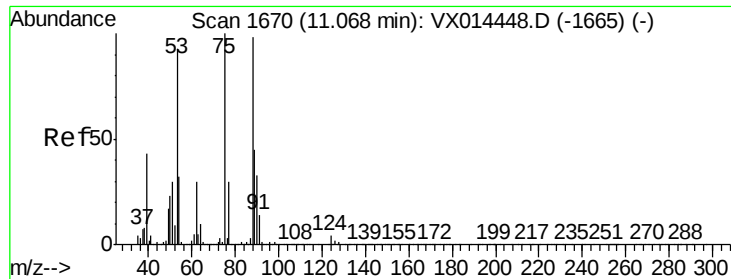
MMDadoda
1/15/2020 10:24:01 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.707 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 105 Resp: 374720
Ion Ratio Lower Upper
105 100
120 50.2 25.2 75.6





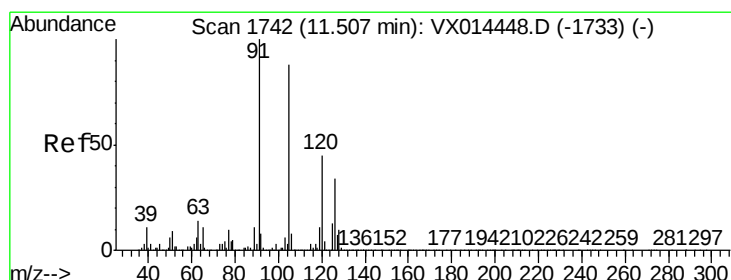
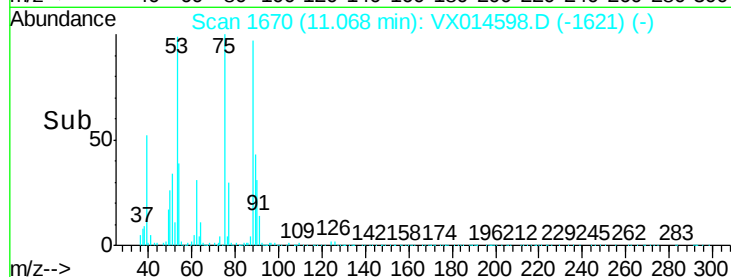
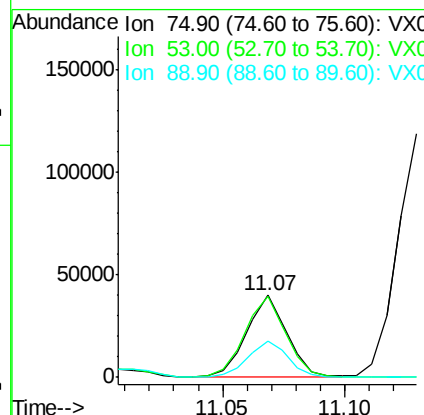
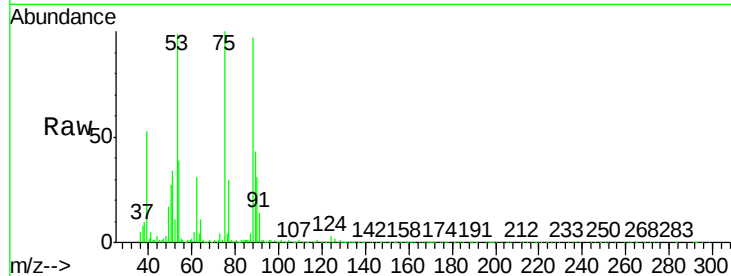
#81
trans-1,4-Dichloro-2-butene
Concen: 18.178 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.1	74.8	112.2
89	44.8	36.3	54.5

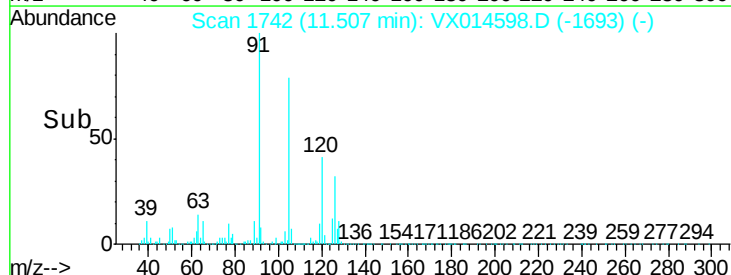
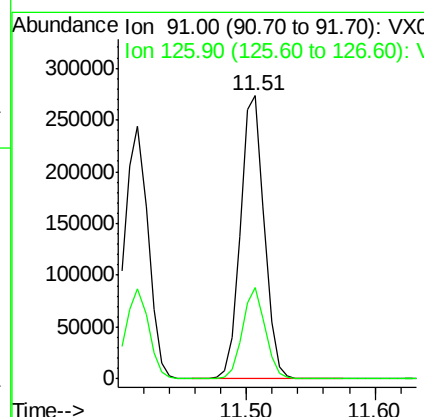
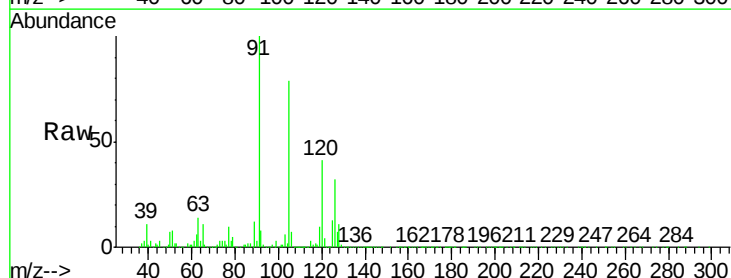
Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#82
4-Chlorotoluene
Concen: 19.020 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.9	47.7





#83

tert-Butylbenzene

Concen: 19.585 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

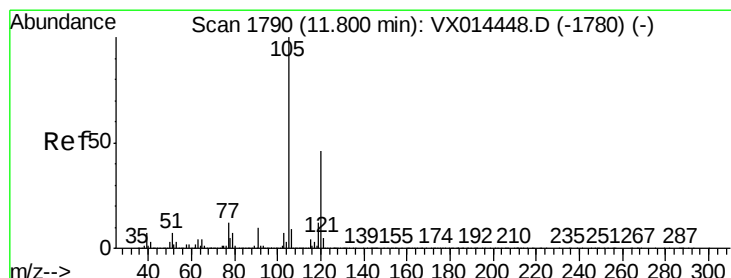
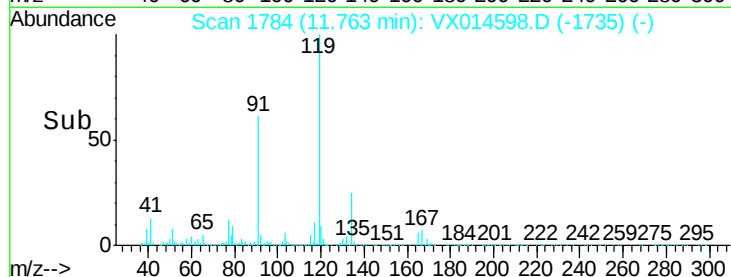
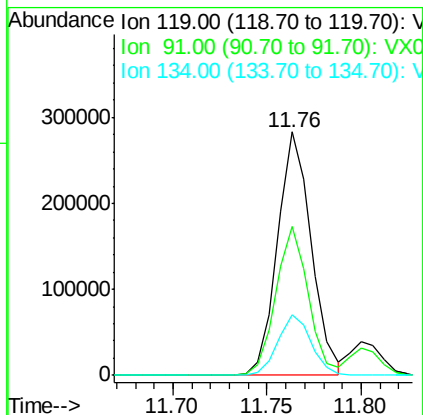
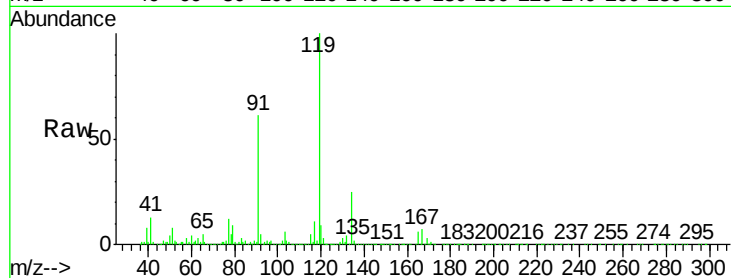
ClientSampleId :

VX0114WBS01

Tot Ion:	119	Resp:	351872
Ion Ratio	Lower	Upper	
119	100		
91	58.6	29.3	88.0
134	24.6	12.4	37.4

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.705 ug/l

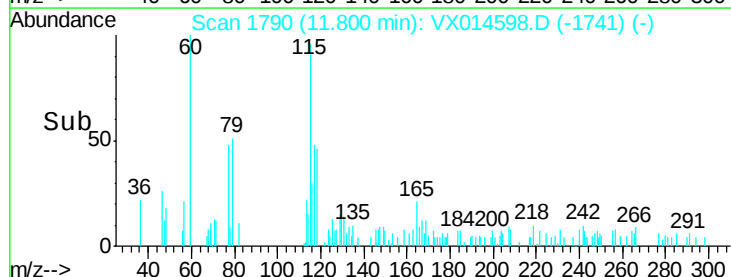
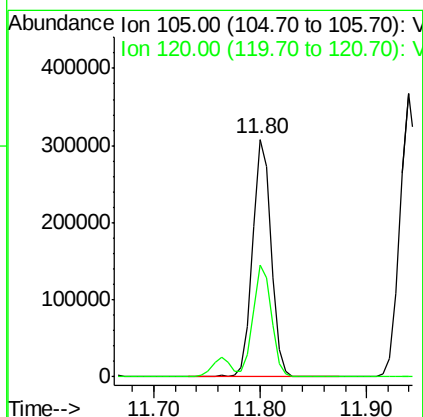
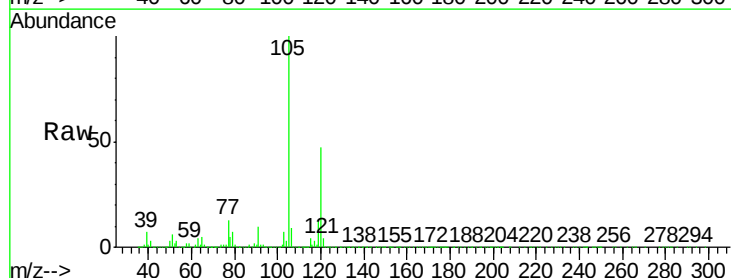
RT: 11.80 min Scan# 1790

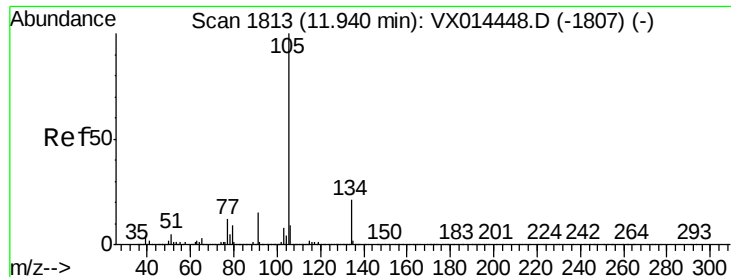
Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	105	Resp:	378608
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.759 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tot Ion:105 Resp: 441317

Ion Ratio Lower Upper

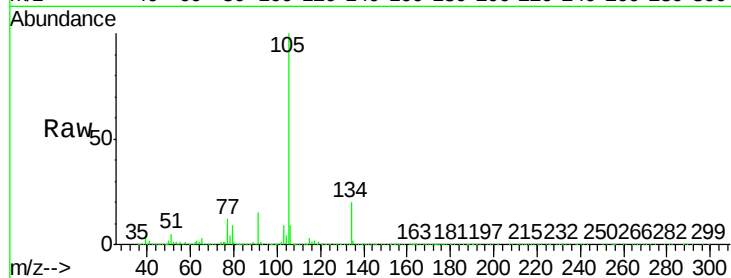
105 100

134 20.3 10.5 31.5

Manual Integrations
APPROVED

MMDadoda

1/15/2020 10:24:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

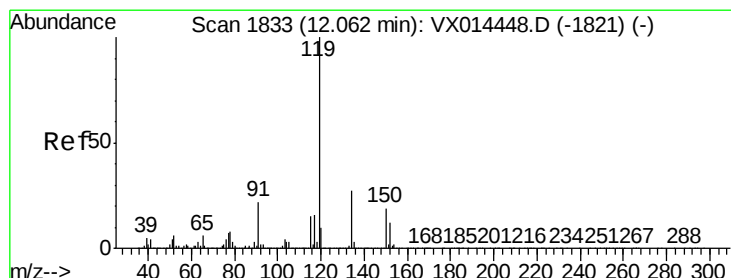
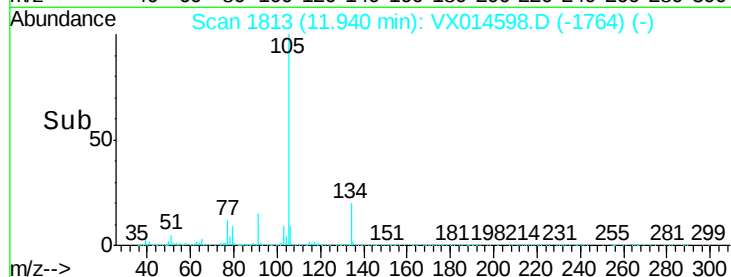
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.274 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

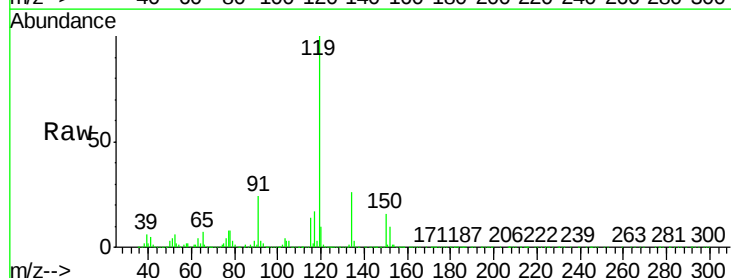
Tgt Ion:119 Resp: 399451

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.5 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

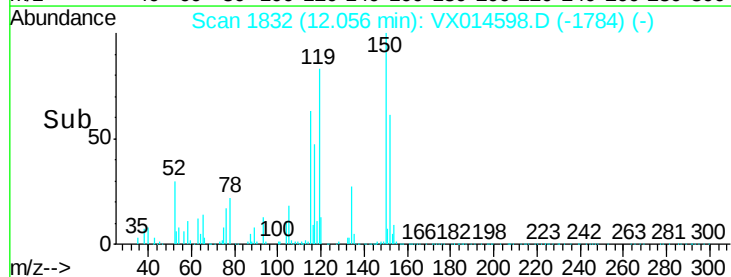
300000

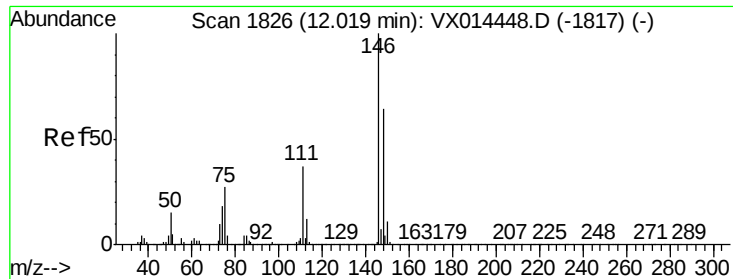
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.153 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

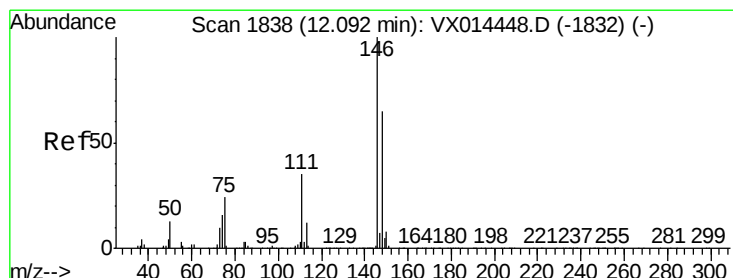
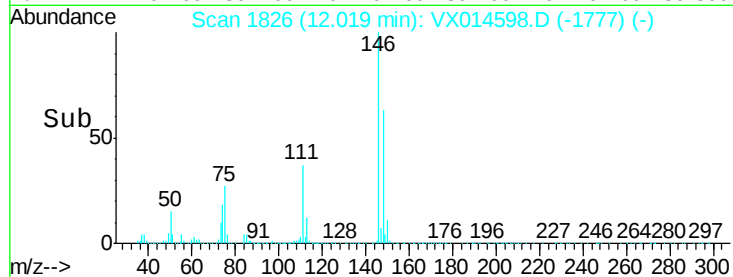
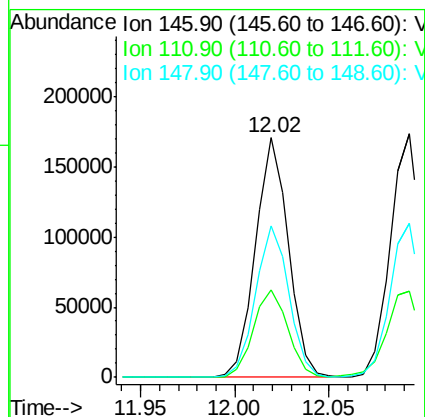
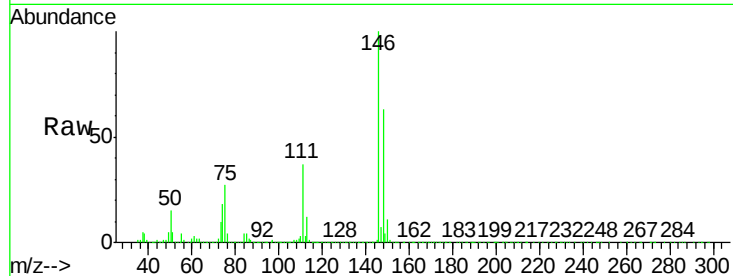
Instrument :
MSVOA_X

ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.9	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#88

1,4-Dichlorobenzene

Concen: 19.344 ug/l

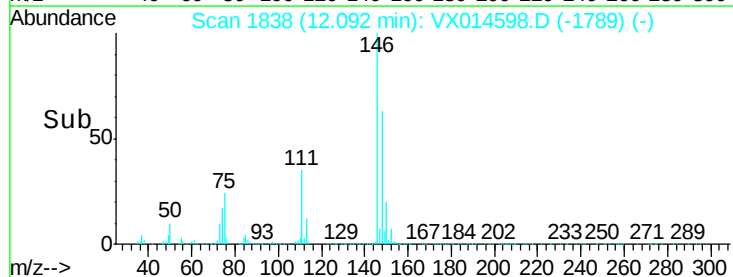
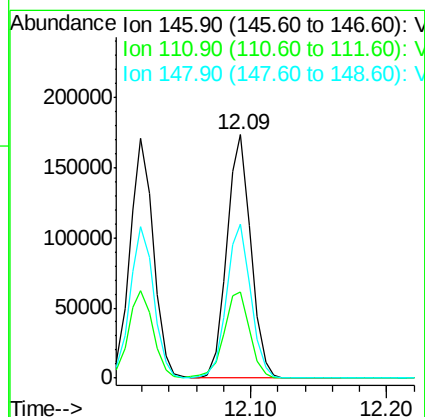
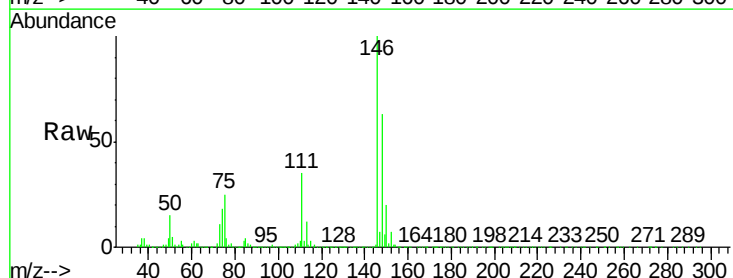
RT: 12.09 min Scan# 1838

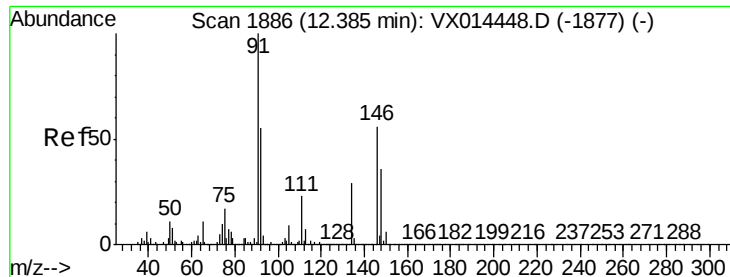
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	63.7	32.1	96.3





#89

n-Butylbenzene

Concen: 18.358 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

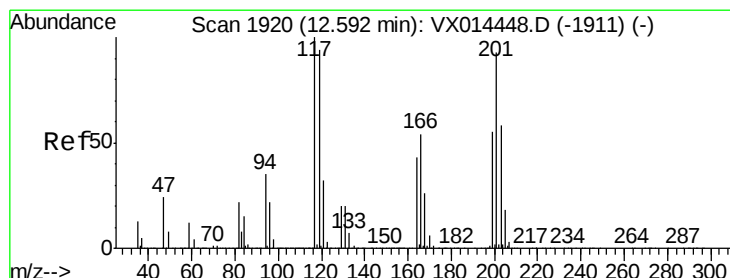
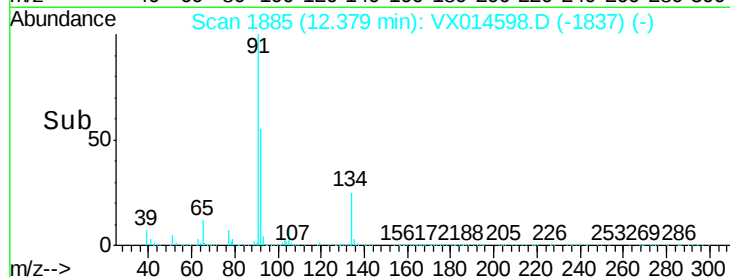
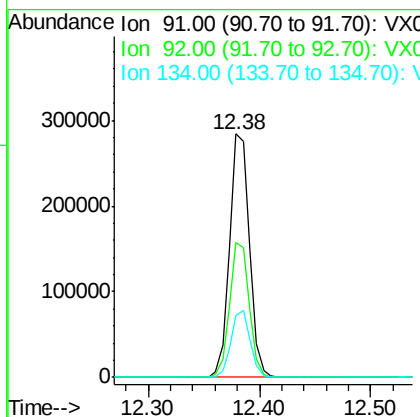
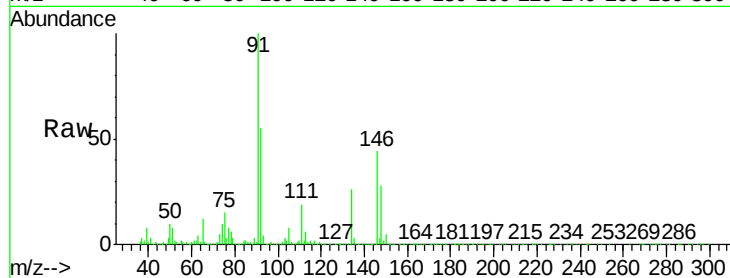
ClientSampleId :

VX0114WBS01

Tot Ion:	91	Resp:	347878
Ion Ratio	Lower	Upper	
91	100		
92	55.1	27.4	82.2
134	26.7	13.9	41.7

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#90

Hexachloroethane

Concen: 18.497 ug/l

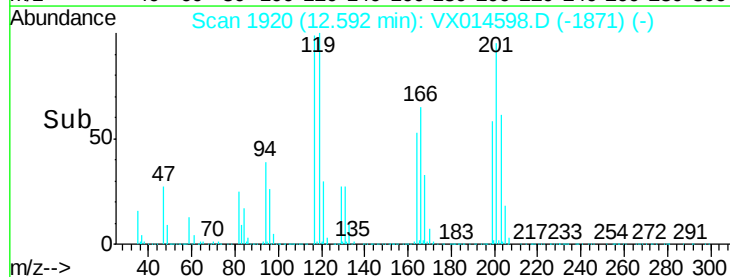
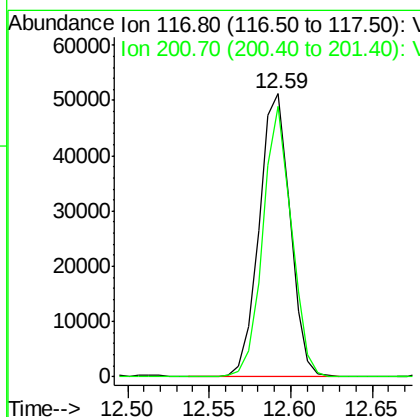
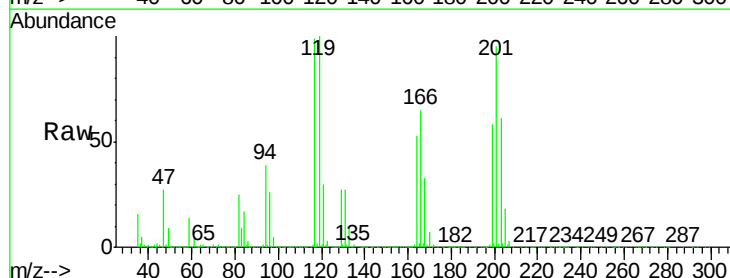
RT: 12.59 min Scan# 1920

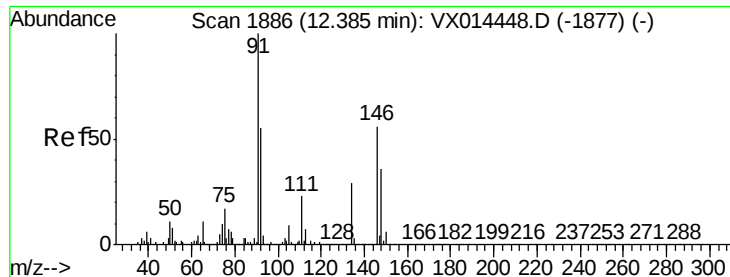
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	117	Resp:	67337
Ion Ratio	Lower	Upper	
117	100		
201	88.7	44.8	134.3





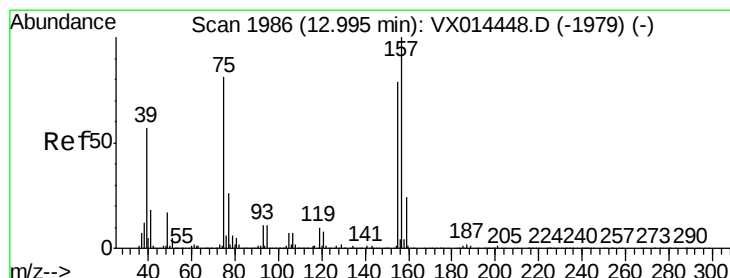
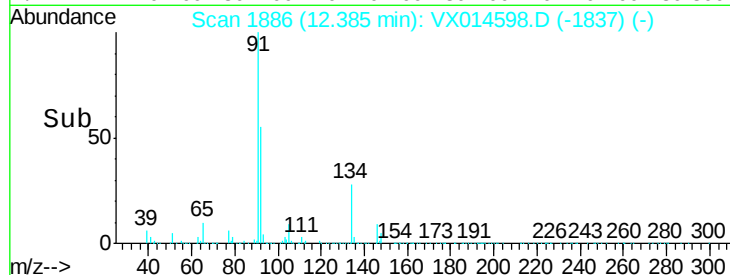
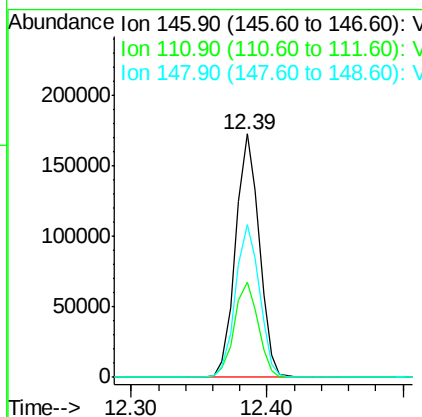
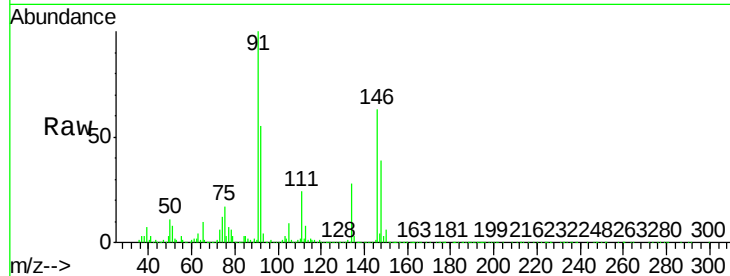
#91
 1,2-Dichlorobenzene
 Concen: 18.658 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	208363		
111	39.5	19.8	59.4	
148	63.9	32.3	96.8	

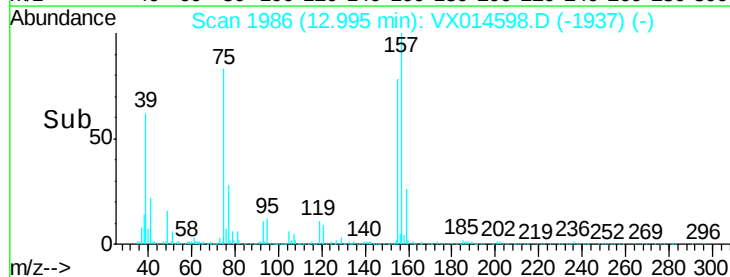
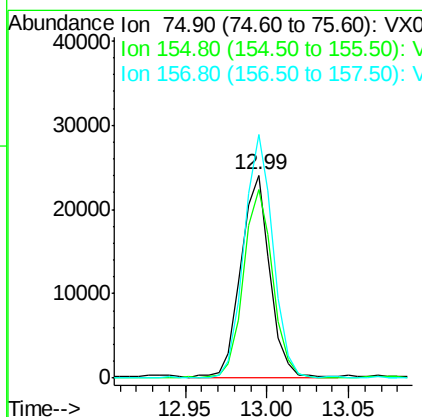
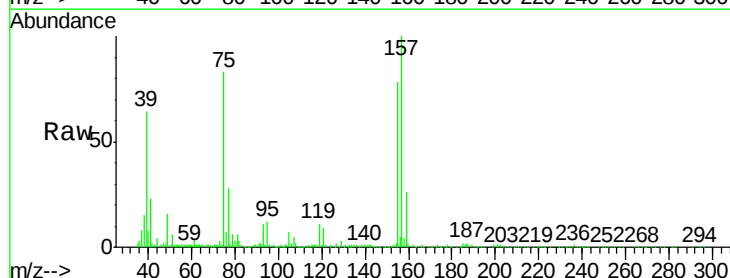
Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.009 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29752		
155	95.2	48.7	146.1	
157	118.7	62.0	185.9	





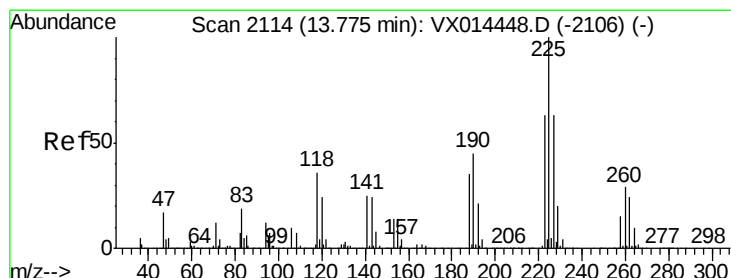
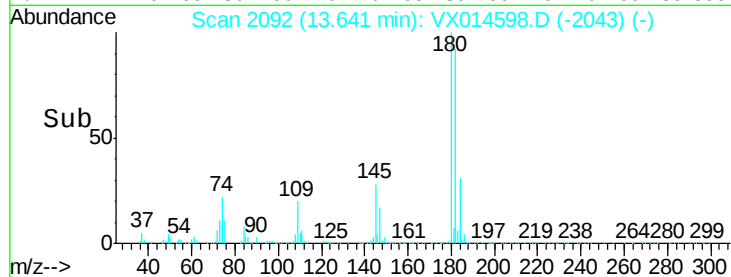
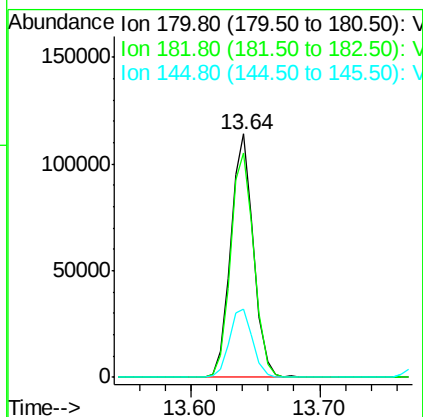
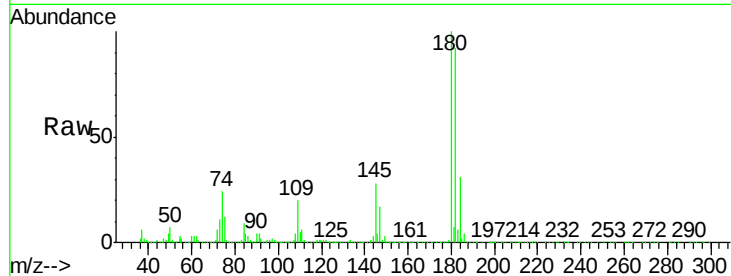
#93
1,2,4-Trichlorobenzene
Concen: 17.841 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140399		
182	94.4	47.5	142.5	
145	29.0	13.9	41.6	

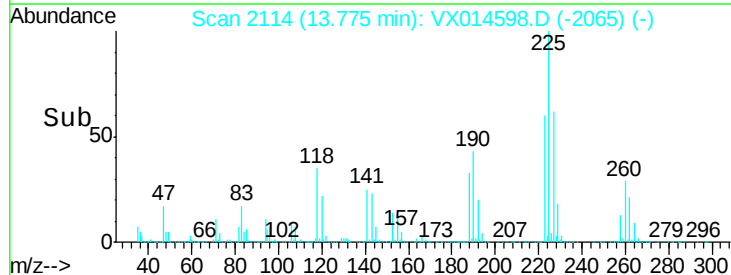
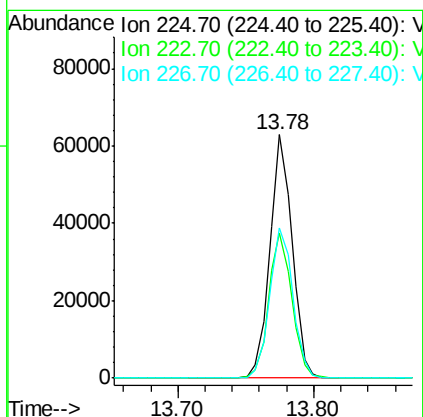
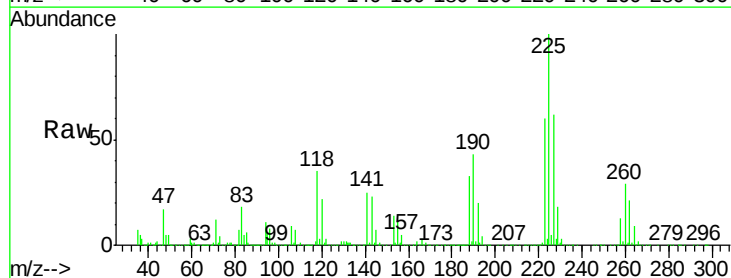
Manual Integrations
APPROVED

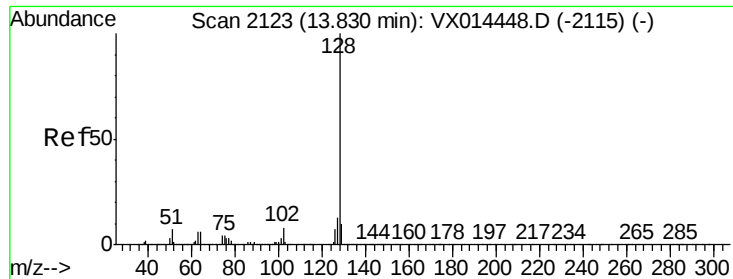
MMDadoda
1/15/2020 10:24:01 AM



#94
Hexachlorobutadiene
Concen: 19.788 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72502		
223	62.1	31.1	93.2	
227	64.4	31.4	94.2	





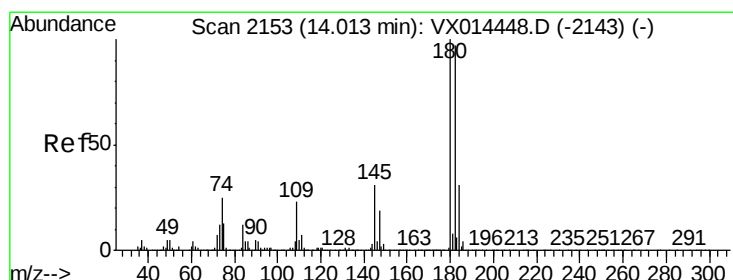
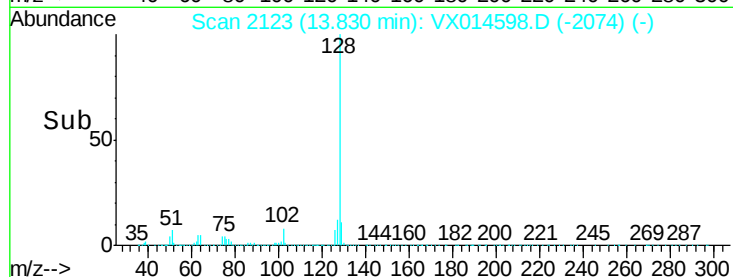
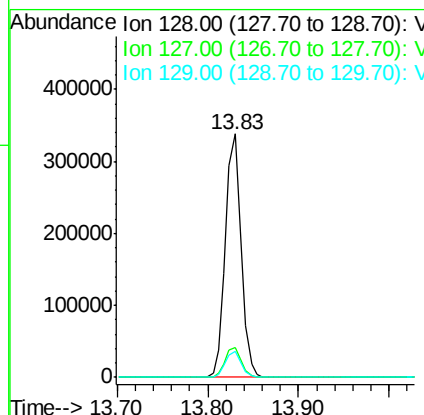
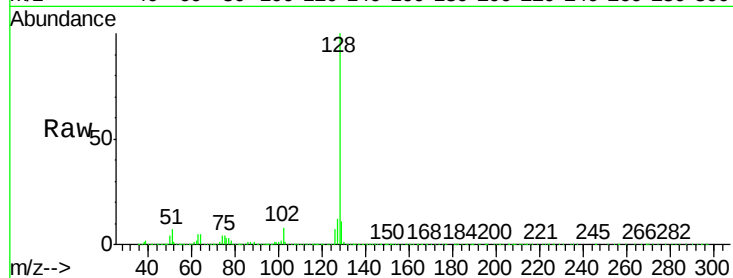
#95
Naphthalene
Concen: 16.922 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.229 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.6
145	29.2	14.8	44.3

