

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015053.D
 Acq On : 28 Feb 2020 10:52
 Operator : JC/SP
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:32:18 AM

Quant Time: Feb 28 23:41:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	67024	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	359358	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	341305	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	129602	27.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.70%
60) 4-Bromofluorobenzene	11.13	95	165843	31.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.00%
63) Toluene-d8	8.71	98	443871	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	60100	20.080	ug/l 98
3) Chloromethane	1.32	50	86820	22.434	ug/l 99
4) Vinyl Chloride	1.40	62	86093	20.670	ug/l 99
5) Bromomethane	1.64	94	58956	20.213	ug/l 100
6) Chloroethane	1.72	64	58169	20.849	ug/l 97
7) Trichlorofluoromethane	1.93	101	117891	19.448	ug/l 97
8) Diethyl Ether	2.18	74	51493	20.193	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71152	20.302	ug/l 97
10) 1,1-Dichloroethene	2.37	96	69766	19.801	ug/l 99
11) Methyl Iodide	2.50	142	67813	15.840	ug/l 98
12) Methyl Acetate	2.76	43	94663	21.591	ug/l 96
13) Acrolein	2.28	56	78459	89.979	ug/l 99
14) Acrylonitrile	3.13	53	215961	109.069	ug/l 99
15) Acetone	2.43	58	66048	93.208	ug/l 89
16) Carbon Disulfide	2.56	76	180175	19.019	ug/l 99
17) Allyl chloride	2.72	41	127555	20.812	ug/l 92
18) Methylene Chloride	2.85	84	81128	19.985	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	76203	19.691	ug/l 98
20) Diisopropyl ether	3.84	45	262130	20.942	ug/l 98
21) 1,1-Dichloroethane	3.69	63	137230	20.000	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	88192	19.914	ug/l 99
23) tert-Butyl Alcohol	3.01	59	78559	100.089	ug/l # 99
24) Methyl tert-Butyl Ether	3.18	73	228004	19.451	ug/l 96
25) Chloroform	5.20	83	132010	19.078	ug/l 94
26) Cyclohexane	5.57	56	123078	20.070	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	103179	20.299	ug/l 99
30) 2-Butanone	4.65	43	303079	103.303	ug/l 99
31) 2,2-Dichloropropane	4.57	77	104498	18.723	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	111856	19.378	ug/l 98
33) Carbon Tetrachloride	5.78	117	97264	19.249	ug/l 95
34) Benzene	6.13	78	321491	20.961	ug/l 98
35) Methacrylonitrile	5.03	41	61842	20.664	ug/l 95
36) 1,2-Dichloroethane	6.18	62	104923	19.327	ug/l 95
37) Trichloroethene	7.20	130	90200	20.946	ug/l 94
38) Methylcyclohexane	7.45	83	129353	20.531	ug/l 99
39) 1,2-Dichloropropane	7.51	63	84764	21.471	ug/l 97
40) Dibromomethane	7.65	93	53332	20.231	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015053.D
 Acq On : 28 Feb 2020 10:52
 Operator : JC/SP
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:32:18 AM

Quant Time: Feb 28 23:41:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	104394	20.047	ug/l	98
42) Vinyl Acetate	3.80	43	1078917	104.479	ug/l	99
43) Ethyl Acetate	4.81	43	116743	21.992	ug/l	97
44) Isopropyl Acetate	6.43	43	185600	20.798	ug/l	99
45) 1,4-Dioxane	7.73	88	37843	458.932	ug/l	99
46) Methyl methacrylate	7.76	41	90422	20.481	ug/l	96
47) n-amyl Acetate	10.89	43	161595	20.902	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	114317	19.786	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	127025	19.970	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	83484	21.256	ug/l	95
51) Ethyl methacrylate	9.17	69	124007	20.457	ug/l	96
52) 1,3-Dichloropropane	9.36	76	140018	21.074	ug/l	100
53) Dibromochloromethane	9.57	129	87235	20.544	ug/l	100
54) 1,2-Dibromoethane	9.67	107	86470	20.737	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	324030	100.348	ug/l	99
56) Bromoform	10.85	173	68435	20.559	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	591714	105.785	ug/l	99
59) 2-Hexanone	9.48	43	453614	103.791	ug/l	99
61) Tetrachloroethene	9.33	164	91385	19.935	ug/l	94
62) Toluene	8.78	91	346993	19.849	ug/l	99
64) Chlorobenzene	10.13	112	220743	19.782	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	80160	19.394	ug/l	99
66) Ethyl Benzene	10.24	91	383746	19.927	ug/l	98
67) m/p-Xylenes	10.35	106	296206	39.888	ug/l	99
68) o-Xylene	10.69	106	145354	20.230	ug/l	100
69) Styrene	10.71	104	248257	20.230	ug/l	99
70) Isopropylbenzene	11.01	105	395483	20.721	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	131675	21.428	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	109172m	21.418	ug/l	
73) Bromobenzene	11.25	156	103577	20.084	ug/l	95
74) n-propylbenzene	11.35	91	460506	21.200	ug/l	100
75) 2-Chlorotoluene	11.42	91	271812	21.174	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	328657	20.547	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	40641	19.773	ug/l	97
78) 4-Chlorotoluene	11.51	91	307667	20.720	ug/l	100
79) tert-butylbenzene	11.76	119	316436	20.477	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	328679	20.669	ug/l	99
81) sec-Butylbenzene	11.94	105	390119	21.080	ug/l	100
82) p-Isopropyltoluene	12.06	119	354558	20.622	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	184914	20.454	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	184138	20.227	ug/l	98
85) n-Butylbenzene	12.38	91	303649	20.296	ug/l	99
86) Hexachloroethane	12.59	117	60596	19.499	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	181983	20.230	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27384	20.461	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	125652	19.423	ug/l	99
90) Hexachlorobutadiene	13.77	225	64702	20.139	ug/l	98
91) Naphthalene	13.83	128	357475	19.518	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	128784	20.051	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
Data File : VX015053.D
Acq On : 28 Feb 2020 10:52
Operator : JC/SP
Sample : VX0228WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

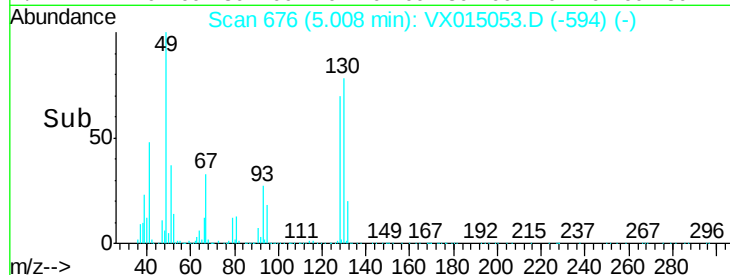
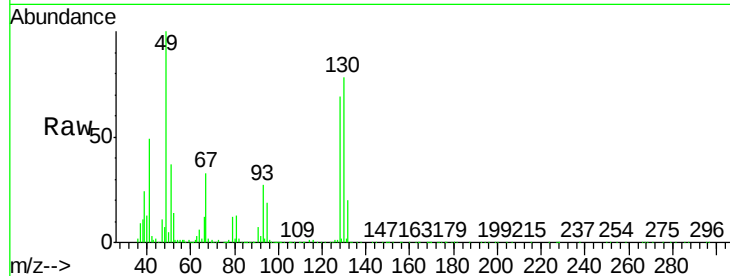
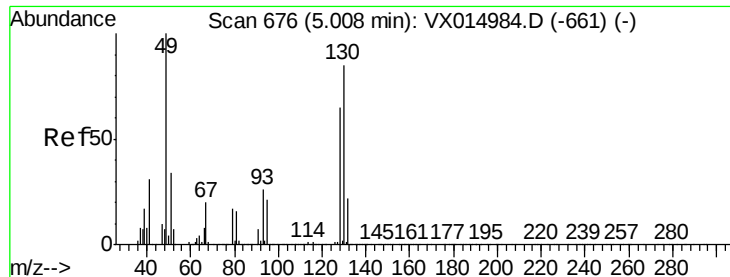
Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM

Quant Time: Feb 28 23:41:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

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

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



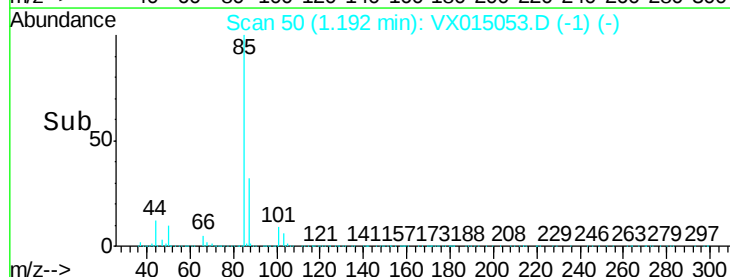
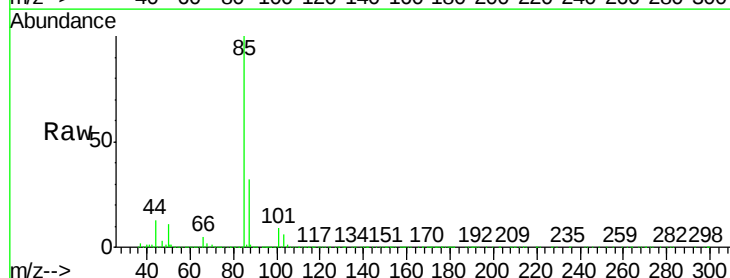
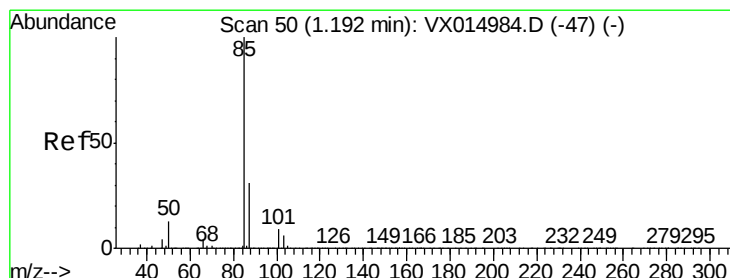
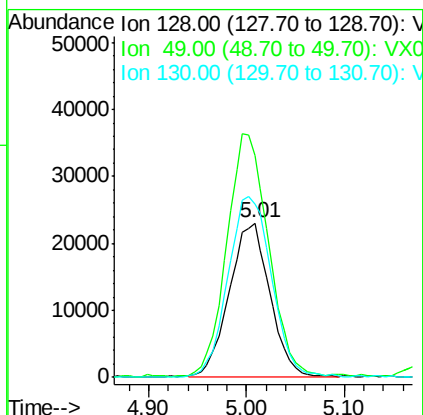
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.2	0.0	384.7
130	125.1	0.0	330.8

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

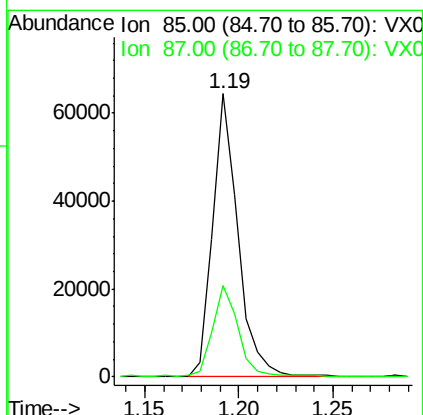
Manual Integrations
APPROVED

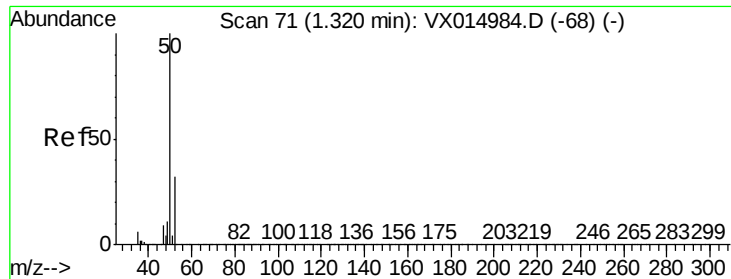
MMDadoda
3/2/2020 11:32:18 AM



#2
Dichlorodifluoromethane
Concen: 20.080 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.3	45.9





#3

Chloromethane

Concen: 22.434 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 50 Resp: 86820

Ion Ratio Lower Upper

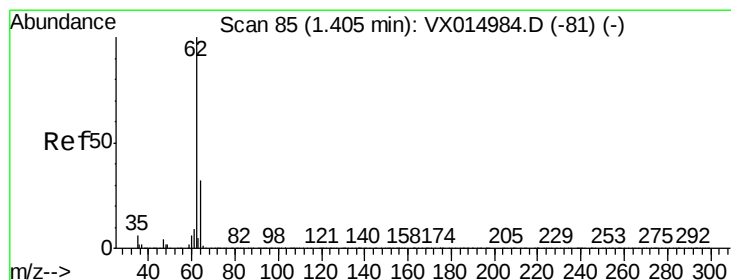
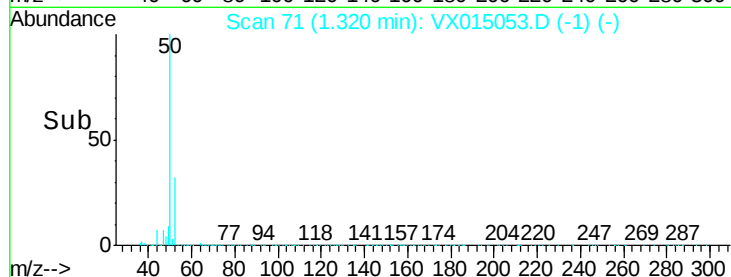
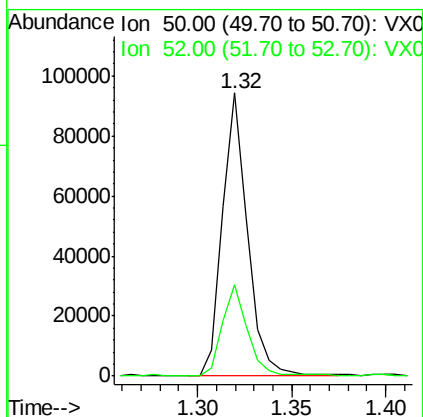
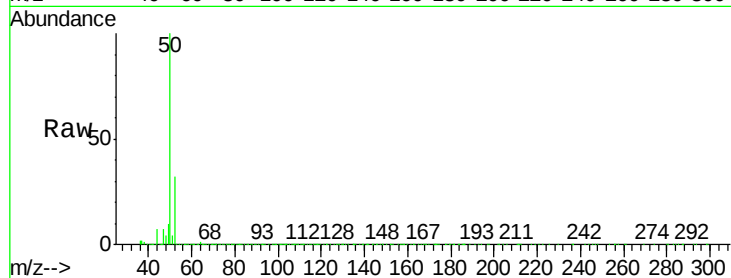
50 100

52 32.2 25.4 38.0

Manual Integrations
APPROVED

MMDadoda

3/2/2020 11:32:18 AM



#4

Vinyl Chloride

Concen: 20.670 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015053.D

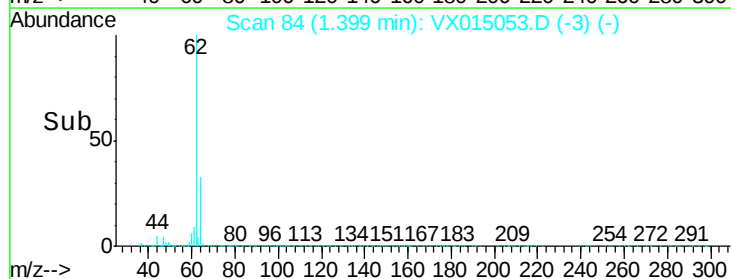
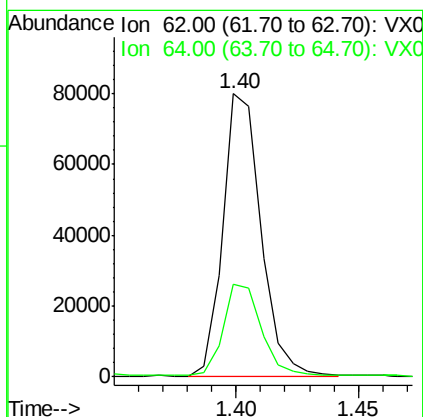
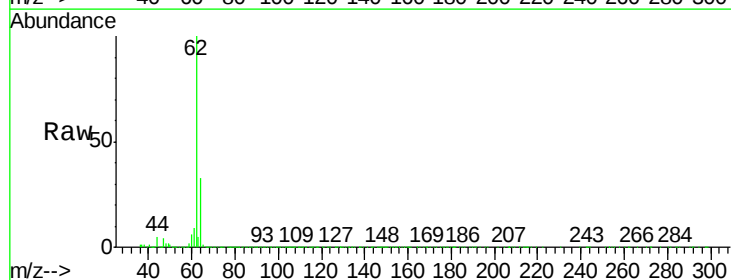
Acq: 28 Feb 2020 10:52

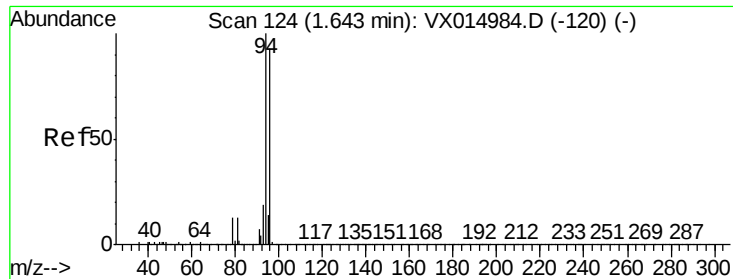
Tgt Ion: 62 Resp: 86093

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 20.213 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 94 Resp: 58956

Ion Ratio Lower Upper

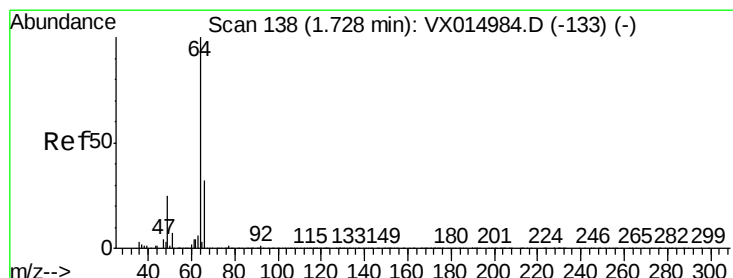
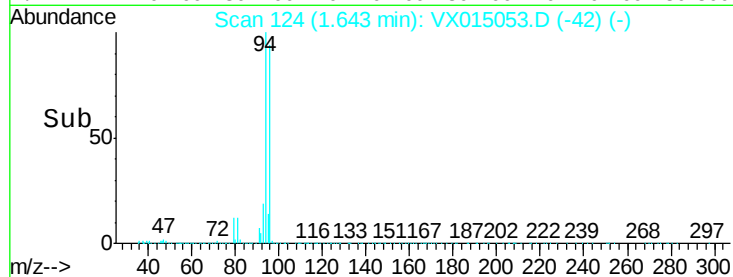
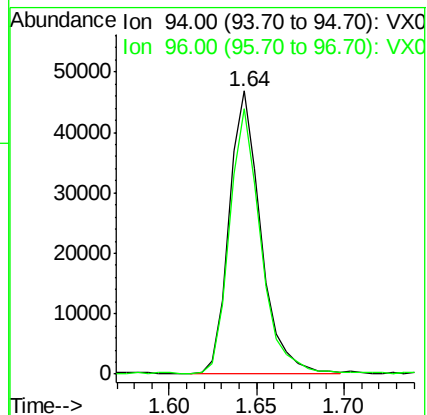
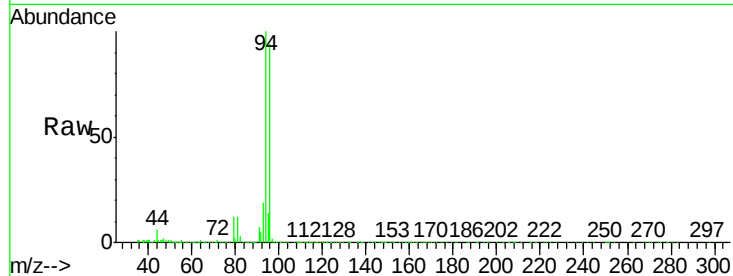
94 100

96 93.6 74.6 112.0

Manual Integrations
APPROVED

MMDadoda

3/2/2020 11:32:18 AM



#6

Chloroethane

Concen: 20.849 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015053.D

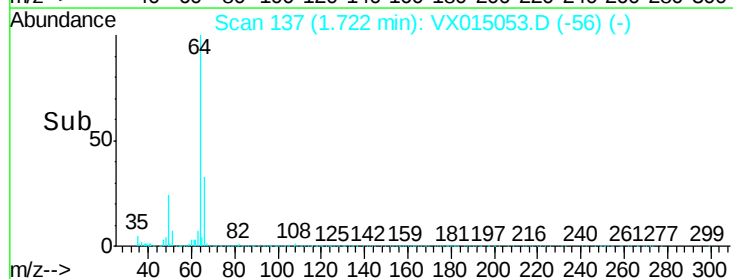
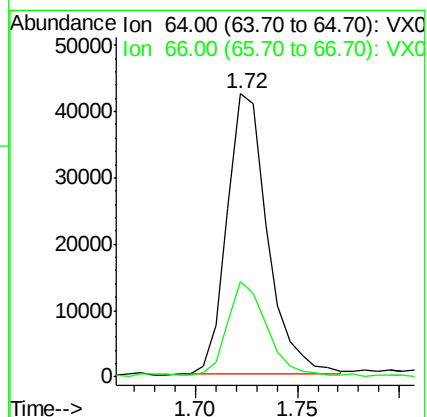
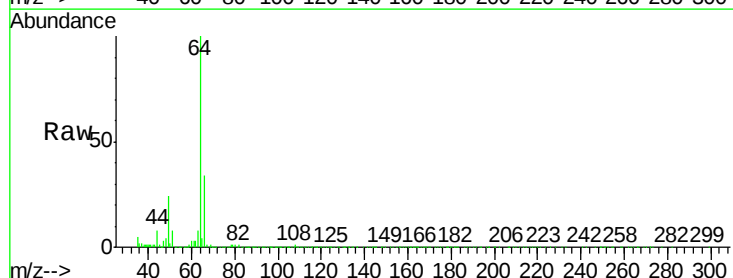
Acq: 28 Feb 2020 10:52

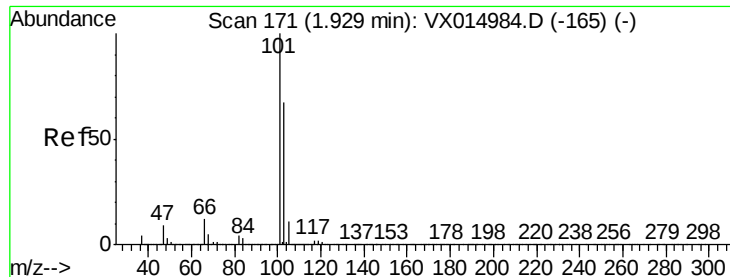
Tgt Ion: 64 Resp: 58169

Ion Ratio Lower Upper

64 100

66 33.8 25.8 38.6





#7

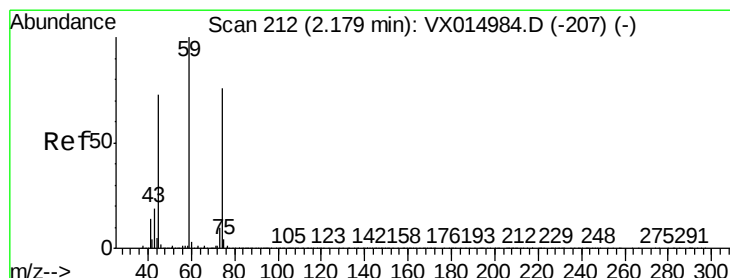
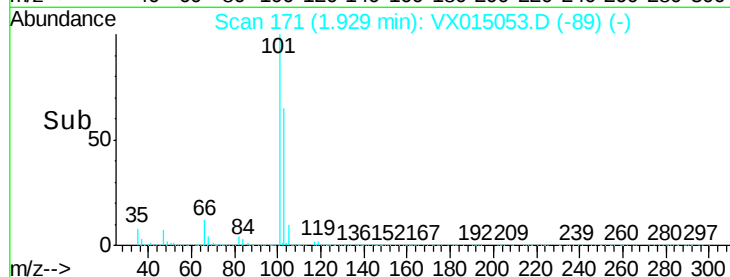
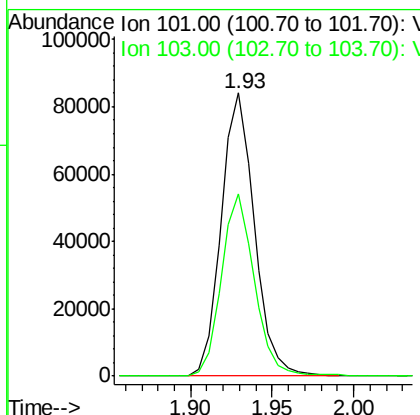
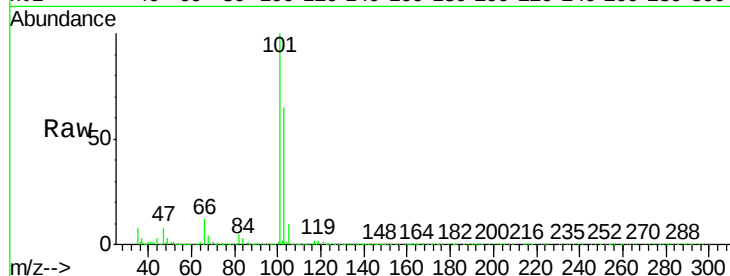
Trichlorofluoromethane
Concen: 19.448 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	117891		
103	103	64.5	53.4	80.2	

Manual Integrations
APPROVED

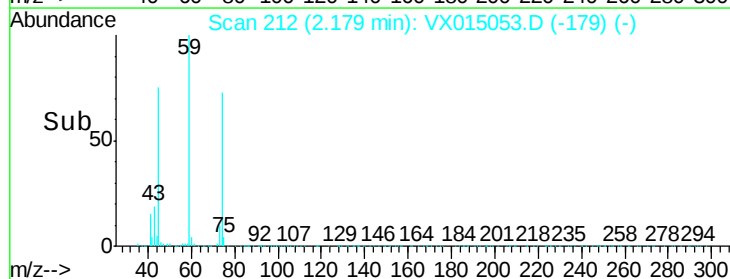
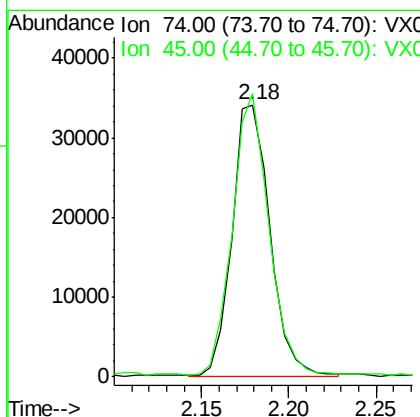
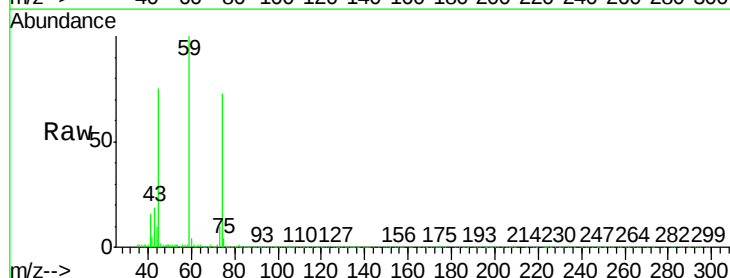
MMDadoda
3/2/2020 11:32:18 AM

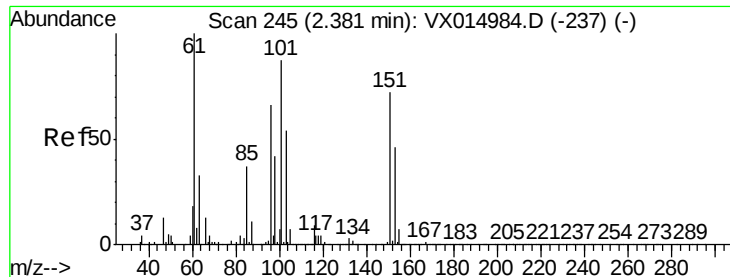


#8

Diethyl Ether
Concen: 20.193 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	74	100	51493		
45	45	98.5	19.6	176.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.302 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

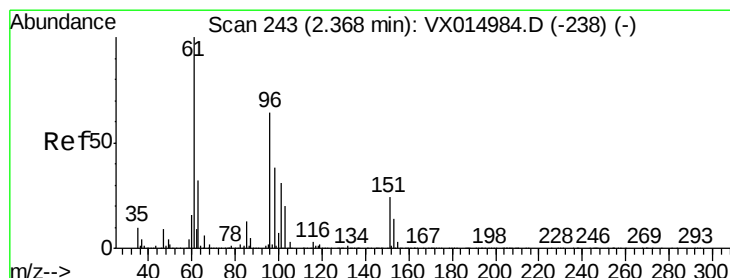
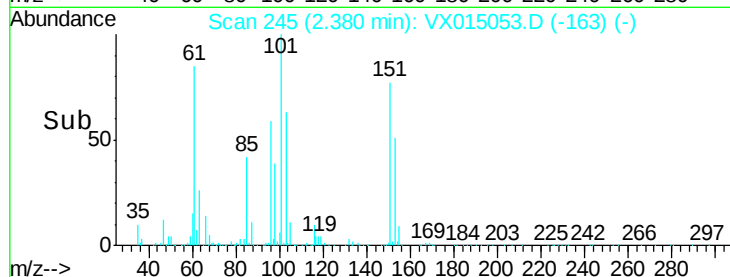
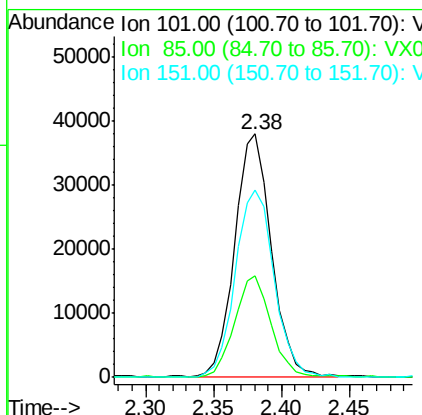
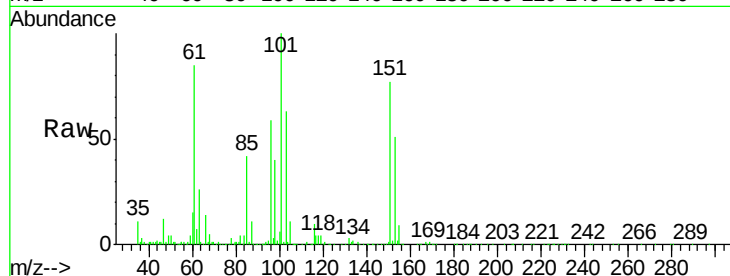
ClientSampled :

VX0228WBS01

Tot Ion:	101	Resp:	71152
Ion Ratio	Lower	Upper	
101	100		
85	40.7	0.0	86.6
151	82.1	0.0	167.4

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#10

1,1-Dichloroethene

Concen: 19.801 ug/l

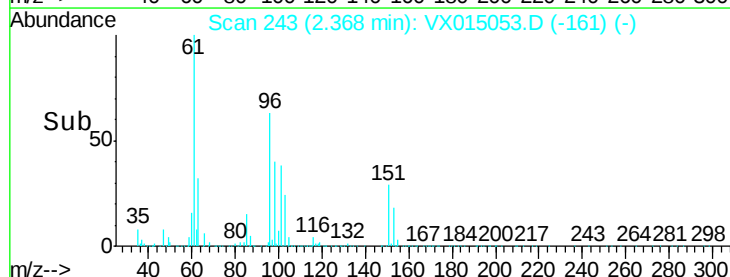
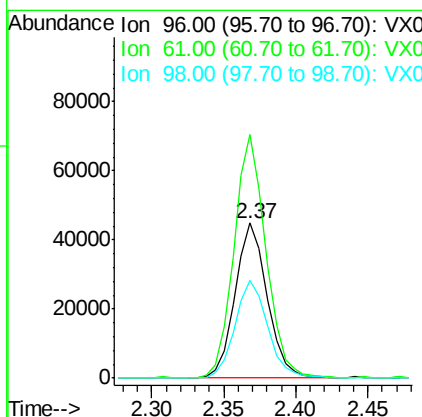
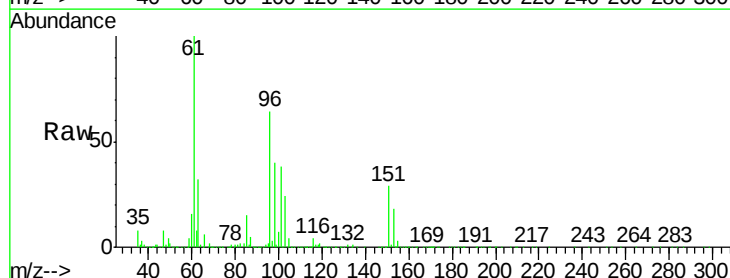
RT: 2.37 min Scan# 243

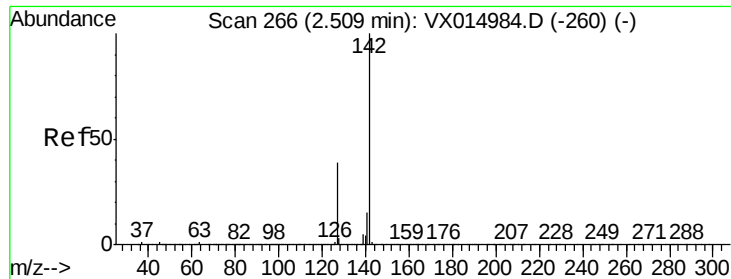
Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	96	Resp:	69766
Ion Ratio	Lower	Upper	
96	100		
61	156.6	126.1	189.1
98	62.3	48.2	72.2





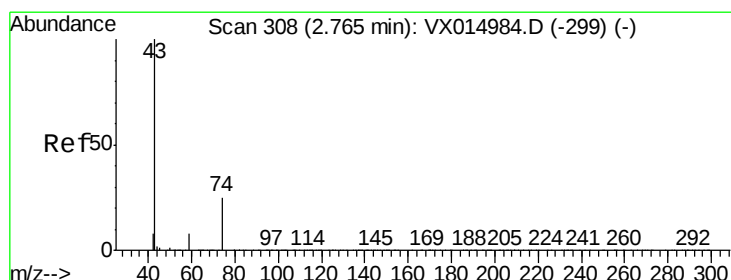
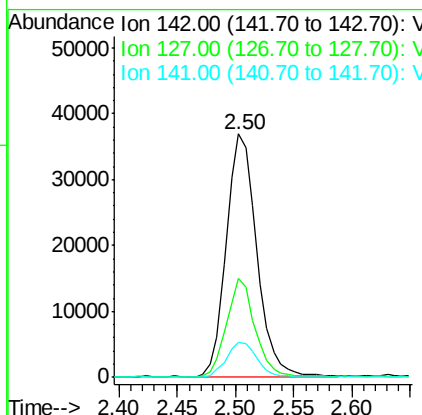
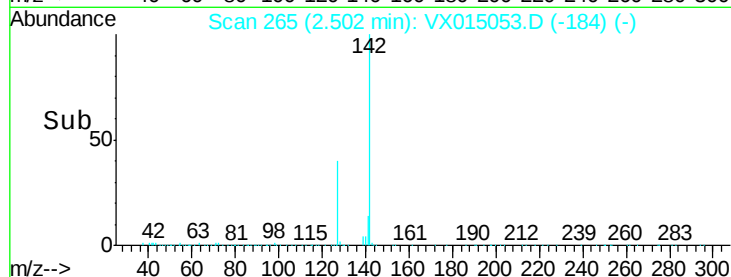
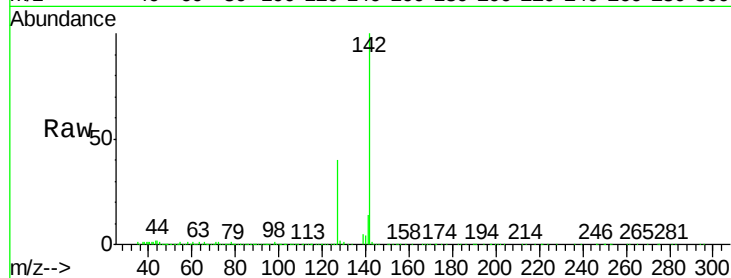
#11
Methyl Iodide
Concen: 15.840 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.3	19.7	59.0
141	14.2	7.4	22.2

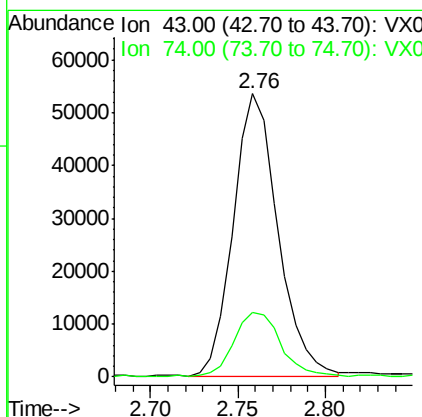
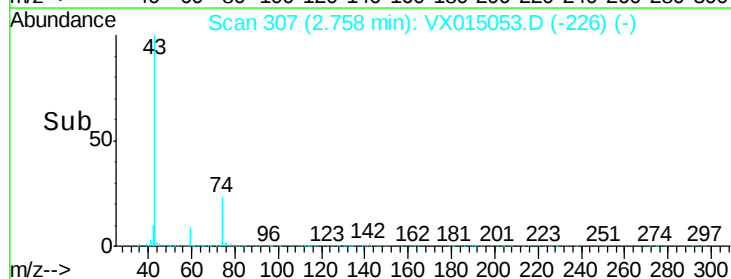
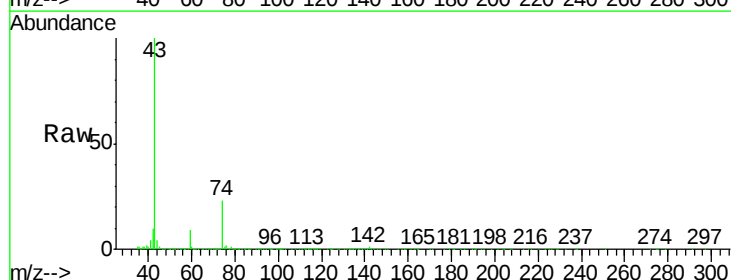
Manual Integrations
APPROVED

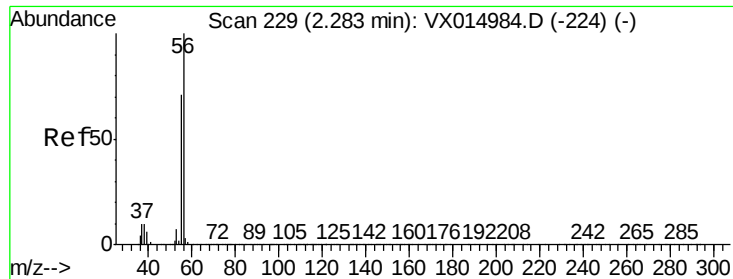
MMDadoda
3/2/2020 11:32:18 AM



#12
Methyl Acetate
Concen: 21.591 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.8	29.8





#13

Acrolein

Concen: 89.979 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 56 Resp: 78459

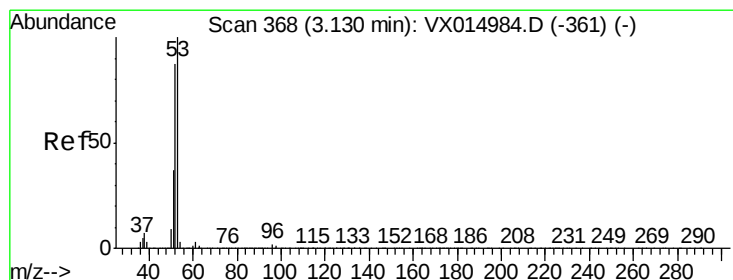
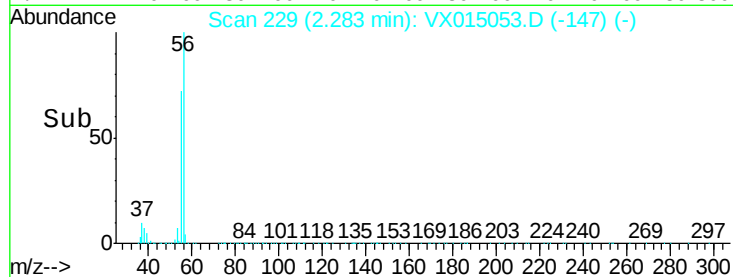
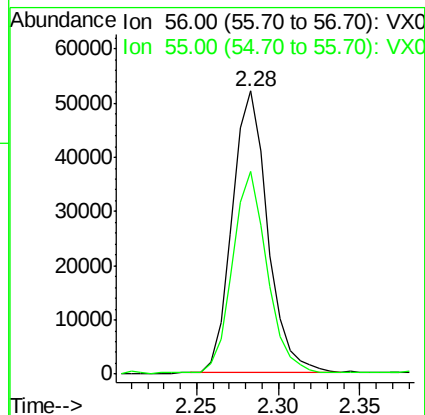
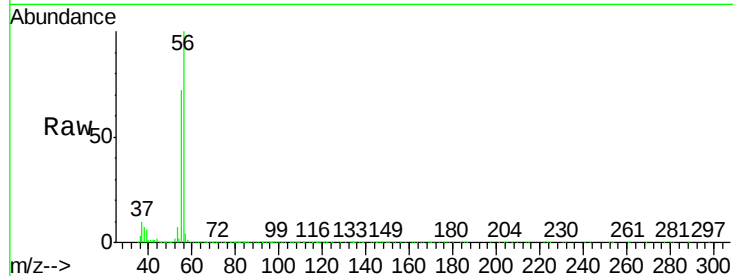
Ion Ratio Lower Upper

56 100

55 69.5 56.2 84.2

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#14

Acrylonitrile

Concen: 109.069 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

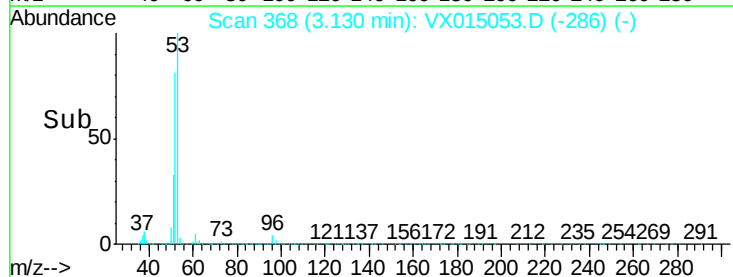
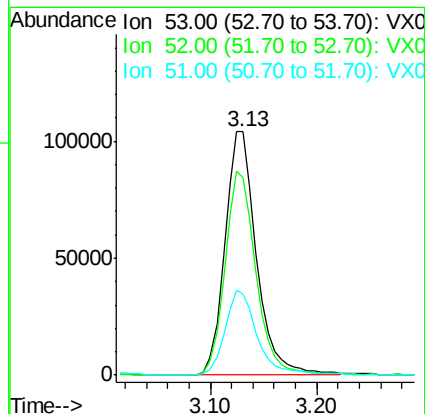
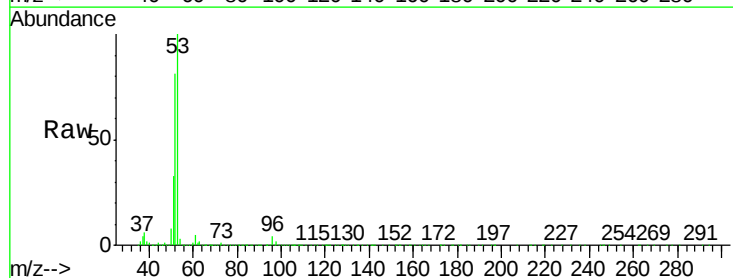
Tgt Ion: 53 Resp: 215961

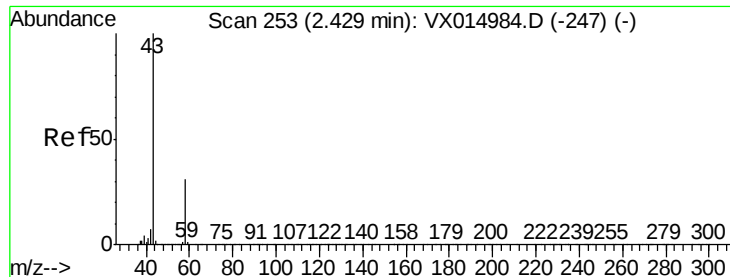
Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.6

51 34.9 18.1 54.4





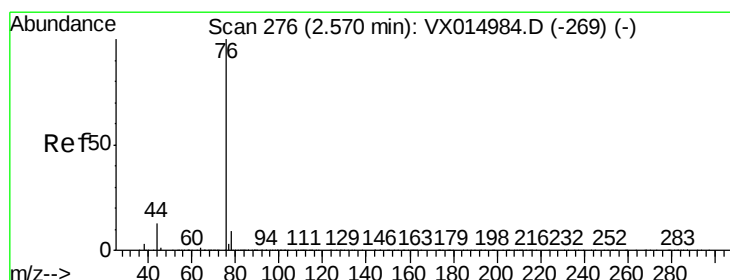
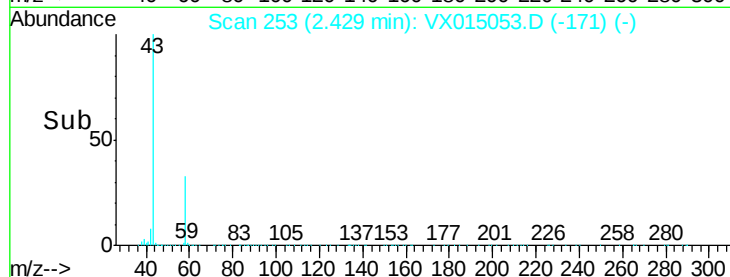
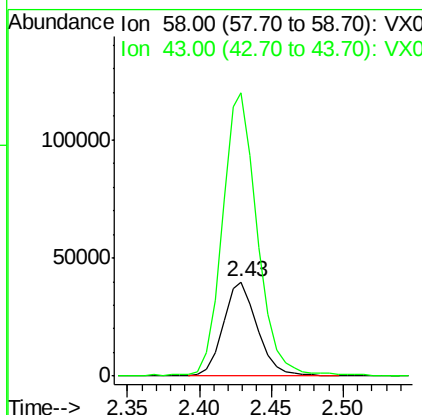
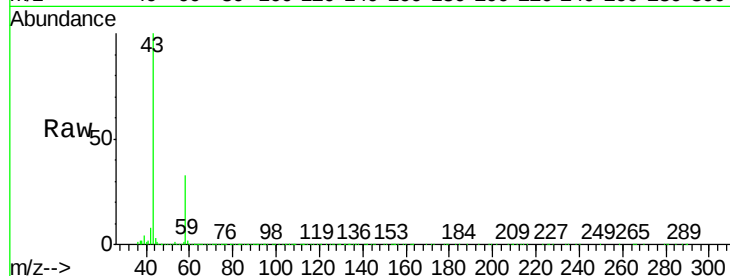
#15
Acetone
Concen: 93.208 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
58	100		
43	300.1	257.7	386.5

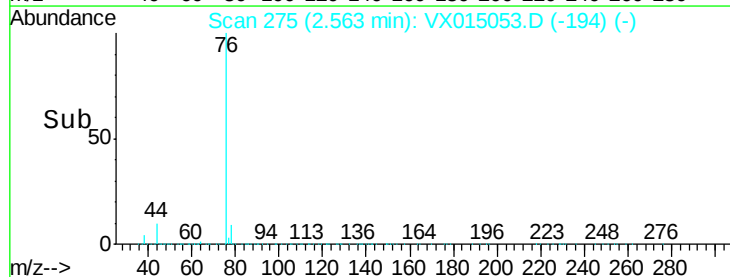
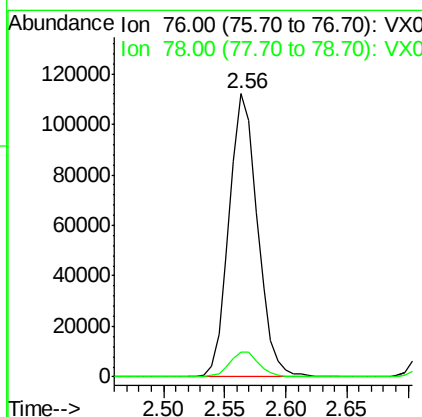
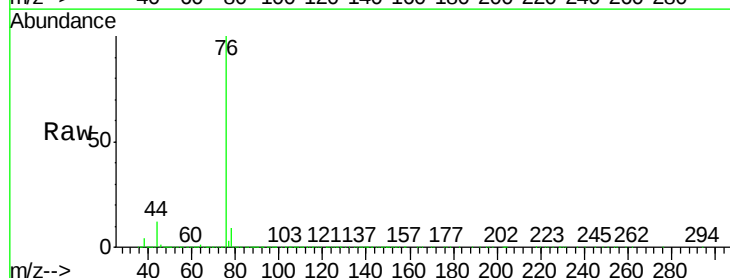
Manual Integrations
APPROVED

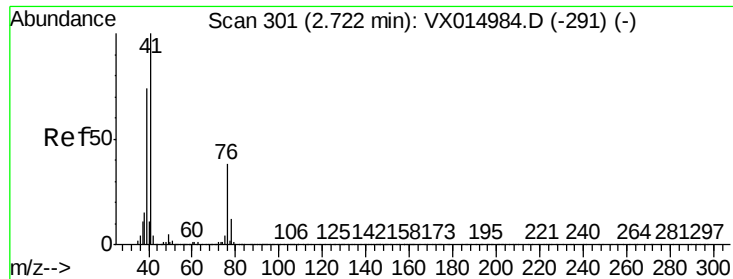
MMDadoda
3/2/2020 11:32:18 AM



#16
Carbon Disulfide
Concen: 19.019 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7





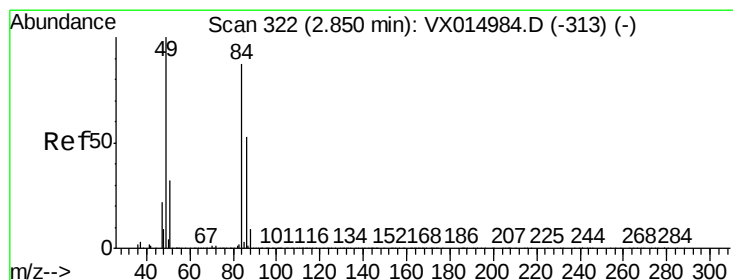
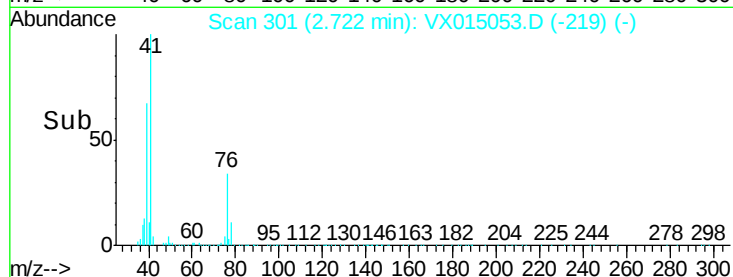
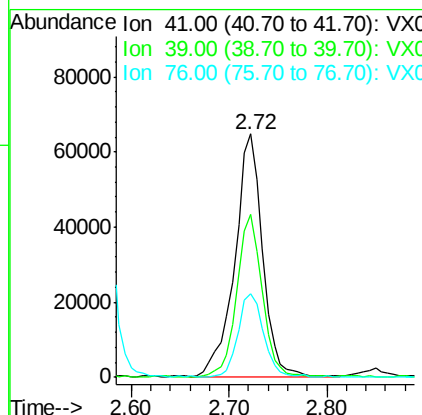
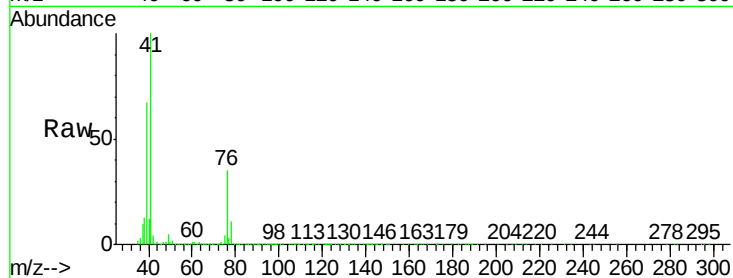
#17
Allvl chloride
Concen: 20.812 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	66.8	37.1	111.5
76	34.4	18.8	56.4

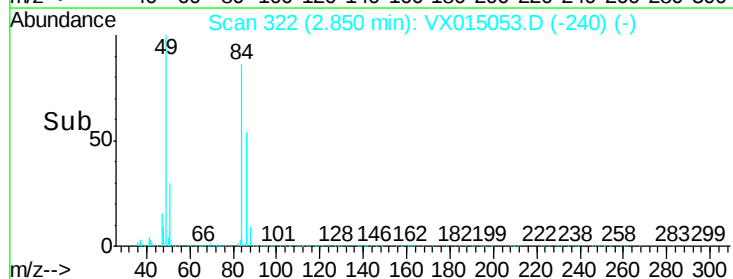
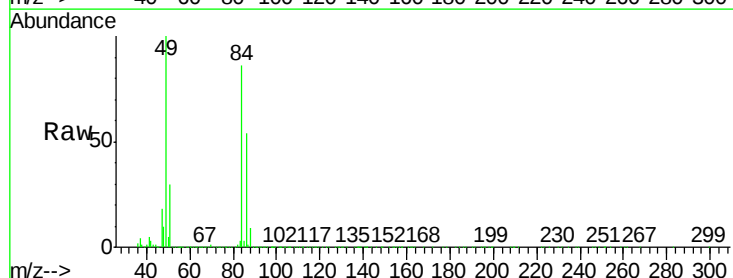
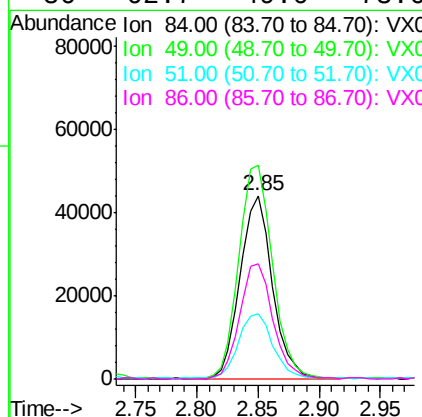
Manual Integrations
APPROVED

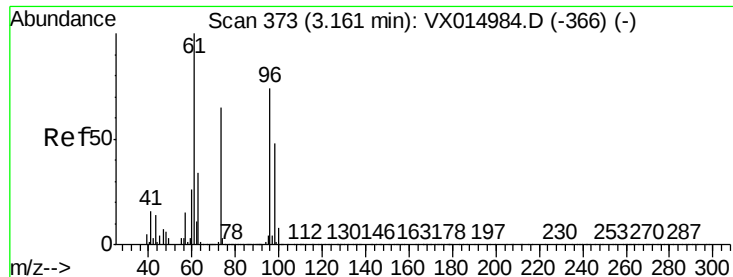
MMDadoda
3/2/2020 11:32:18 AM



#18
Methylene Chloride
Concen: 19.985 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp Lower	Upper
84	100		
49	116.5	92.2	138.2
51	35.0	29.7	44.5
86	62.7	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 19.691 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

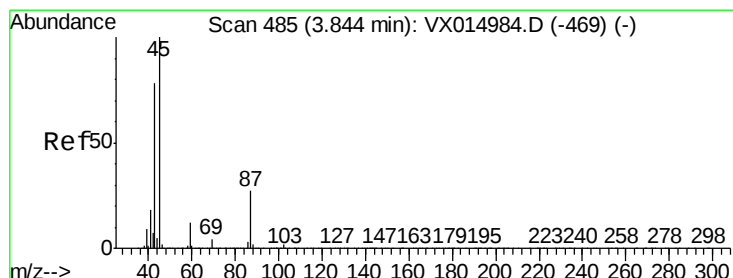
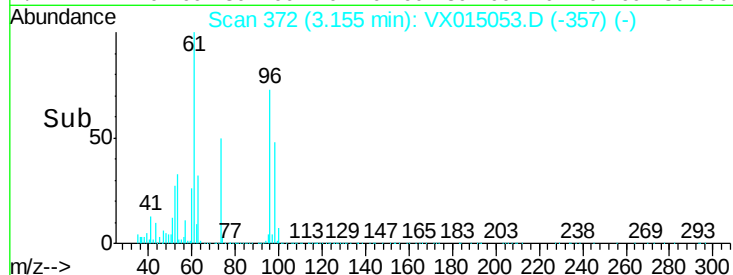
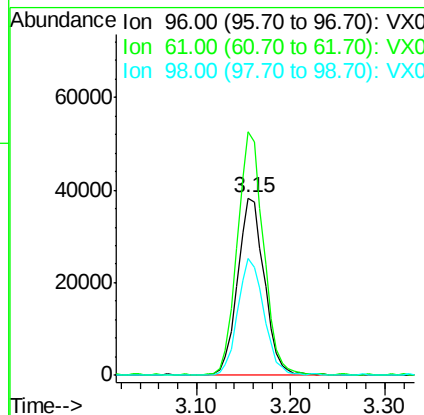
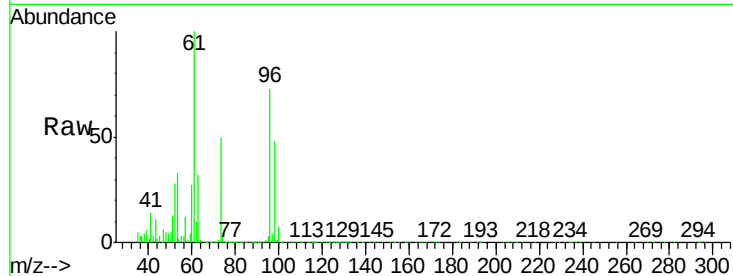
ClientSampleId :

VX0228WBS01

Tot Ion:	96	Resp:	76203
Ion Ratio	Lower	Upper	
96	100		
61	136.8	107.1	160.7
98	65.6	51.4	77.2

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#20

Diisopropyl ether

Concen: 20.942 ug/l

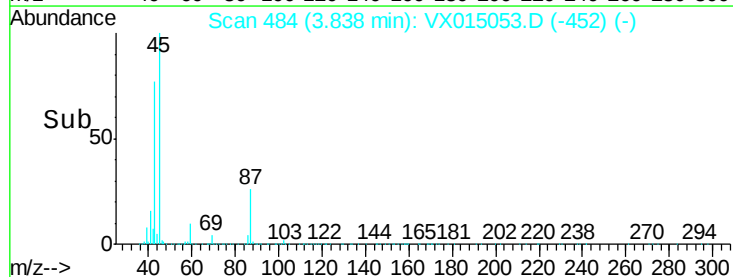
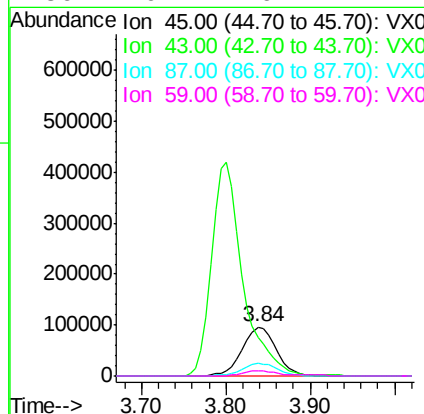
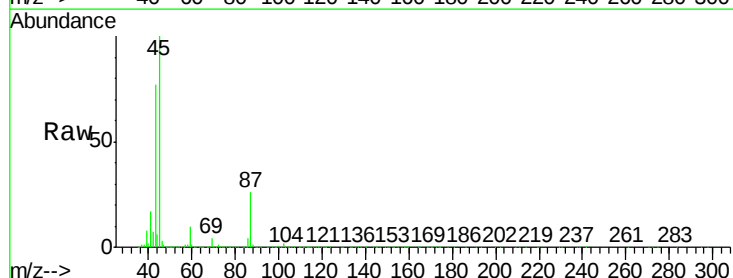
RT: 3.84 min Scan# 484

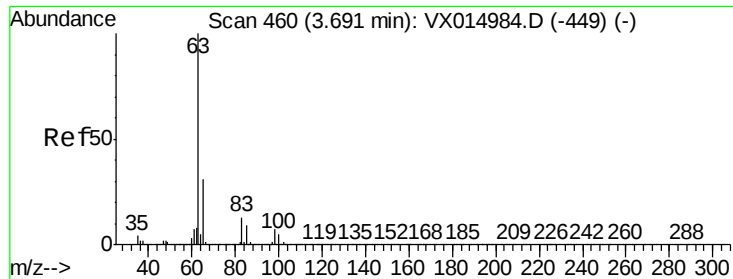
Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	45	Resp:	262130
Ion Ratio	Lower	Upper	
45	100		
43	76.1	62.3	93.5
87	26.3	21.8	32.6
59	10.1	9.4	14.2





#21

1,1-Dichloroethane

Concen: 20.000 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

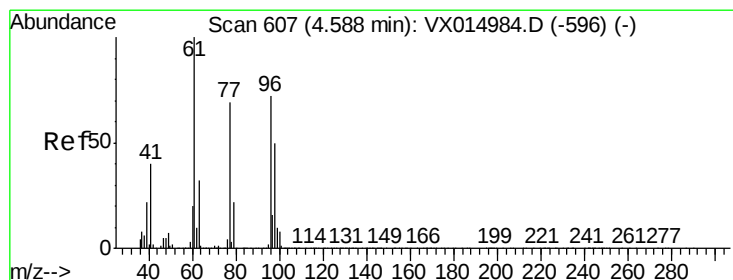
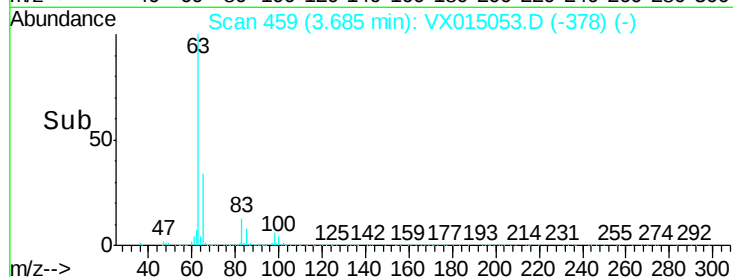
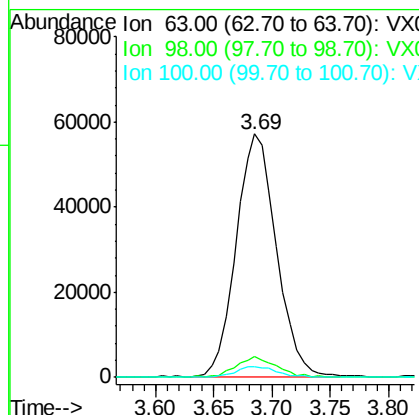
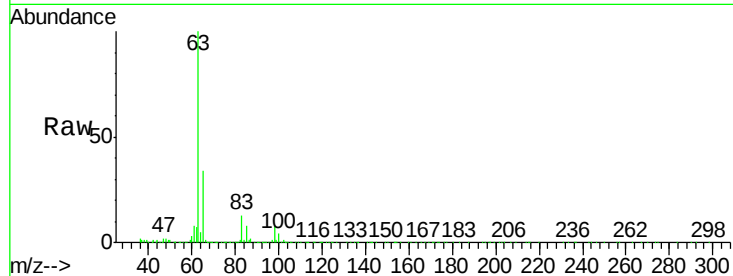
ClientSampleId :

VX0228WBS01

Tot Ion:	63	Resp:	137230
Ion Ratio		Lower	Upper
63	100		
98	8.4	3.5	10.5
100	4.3	2.5	7.5

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#22

cis-1,2-Dichloroethene

Concen: 19.914 ug/l

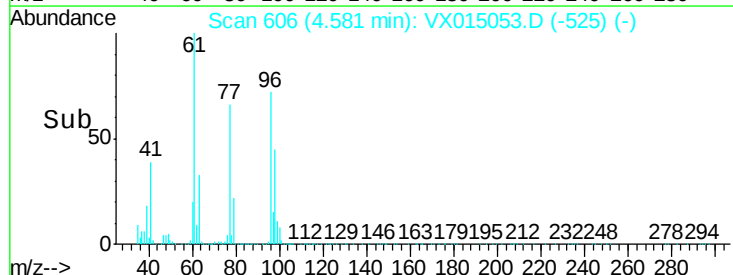
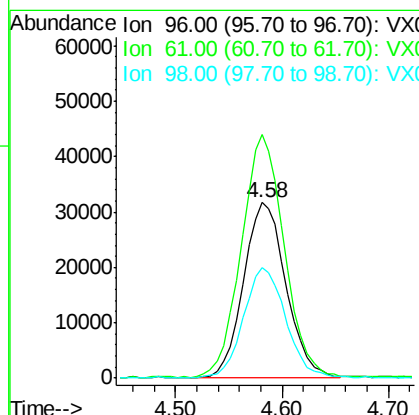
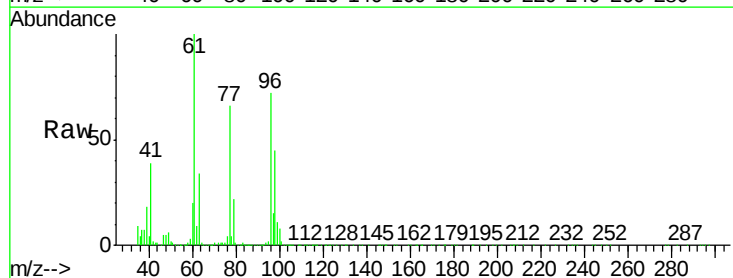
RT: 4.58 min Scan# 606

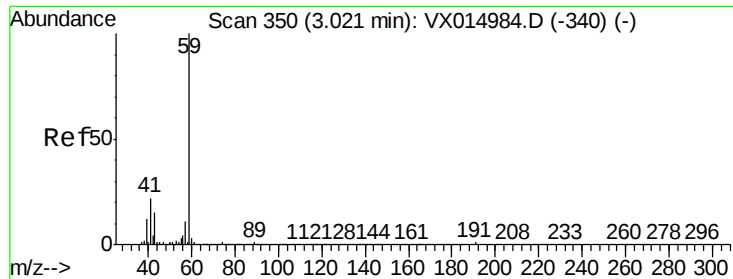
Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	96	Resp:	88192
Ion Ratio		Lower	Upper
96	100		
61	139.9	110.6	165.8
98	62.8	50.4	75.6





#23

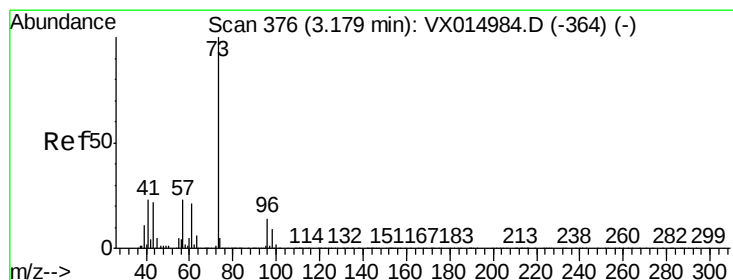
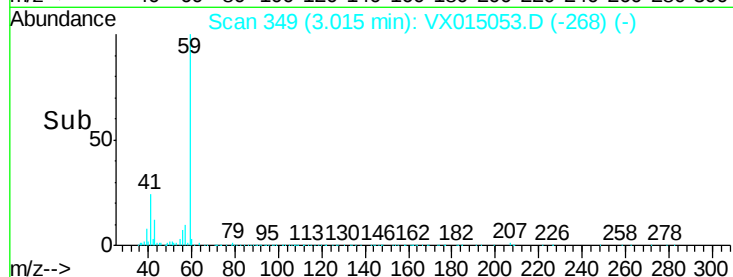
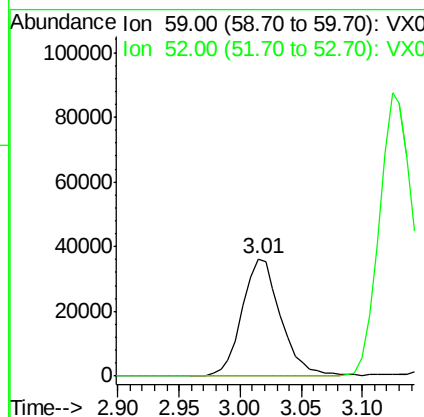
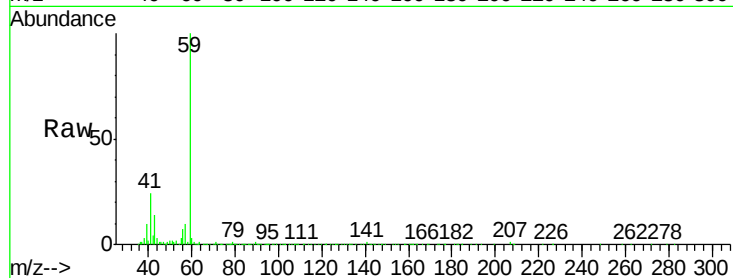
tert-Butyl Alcohol
Concen: 100.089 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.4	0.6#

Manual Integrations
APPROVED

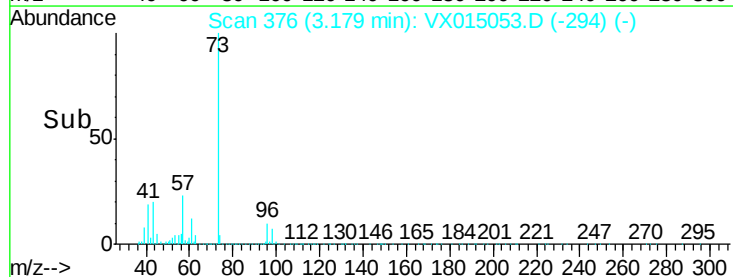
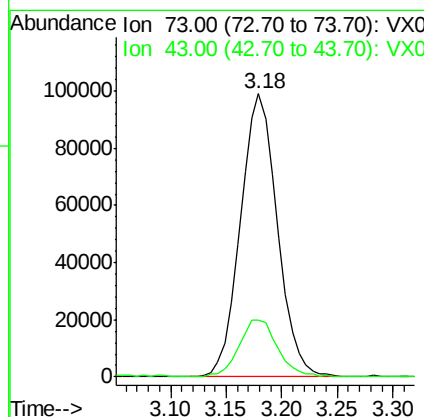
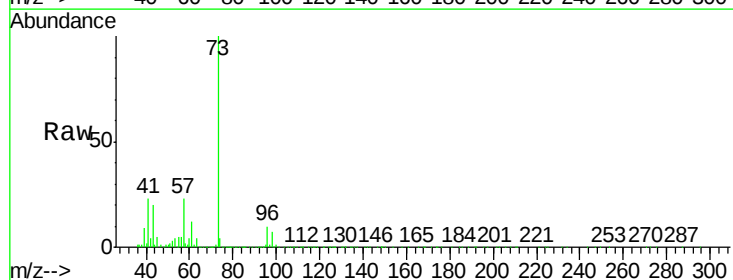
MMDadoda
3/2/2020 11:32:18 AM

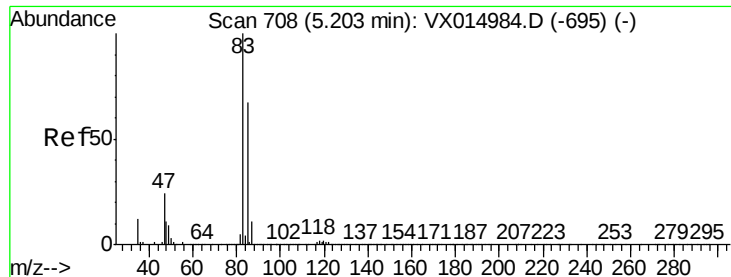


#24

Methyl tert-Butyl Ether
Concen: 19.451 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.4	17.7	26.5





#25

Chloroform

Concen: 19.078 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 83 Resp: 132010

Ion Ratio Lower Upper

83 100

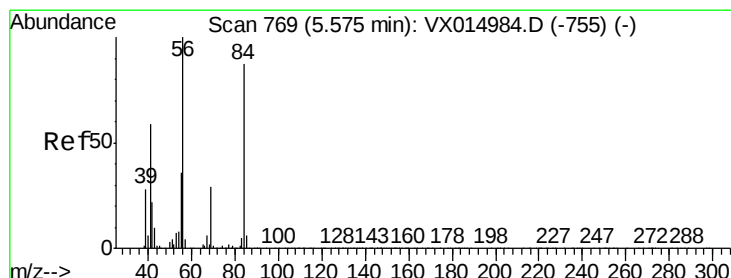
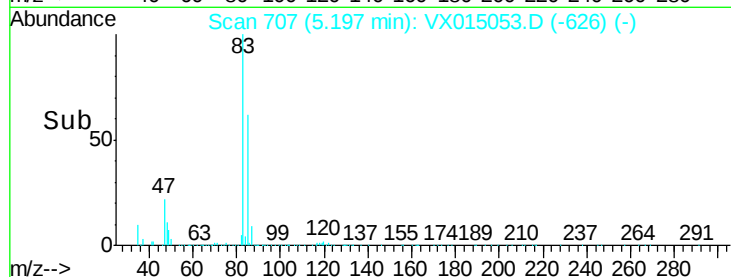
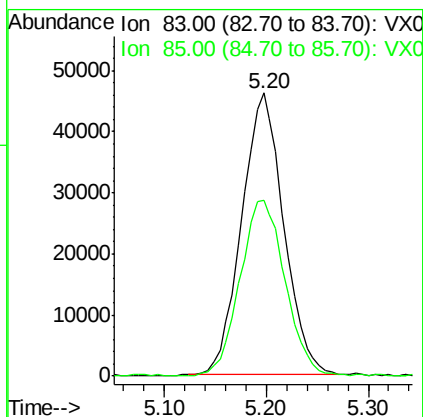
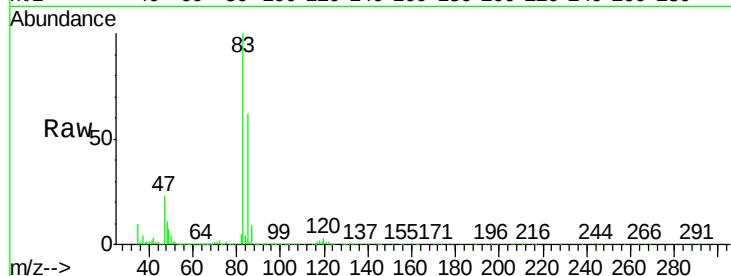
85 62.0 53.4 80.0

Manual Integrations

APPROVED

MMDadoda

3/2/2020 11:32:18 AM



#26

Cyclohexane

Concen: 20.070 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

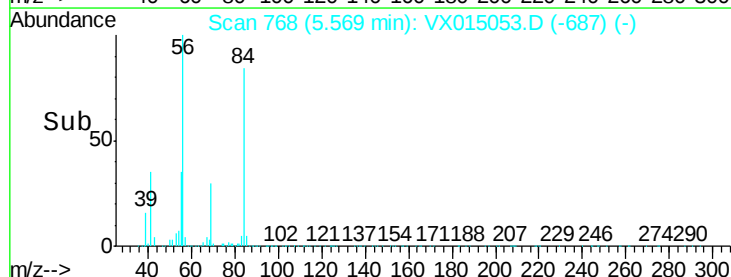
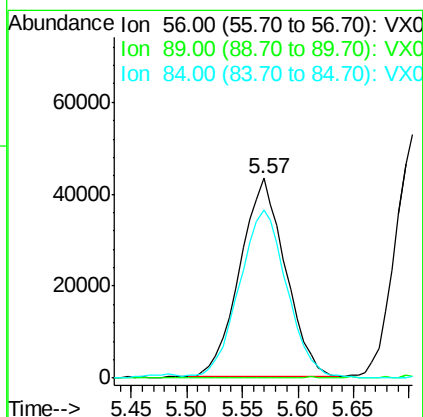
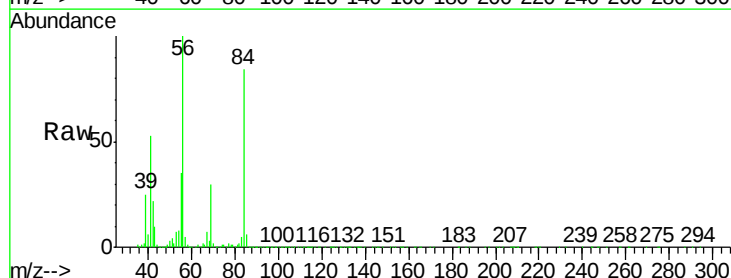
Tgt Ion: 56 Resp: 123078

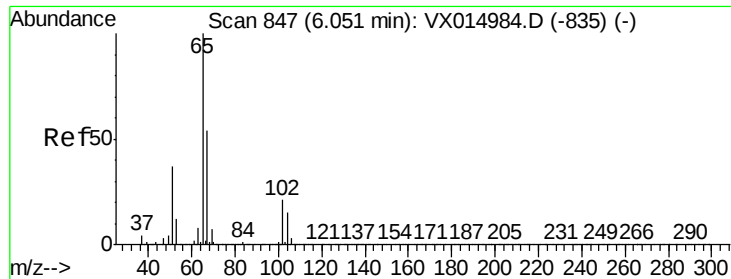
Ion Ratio Lower Upper

56 100

89 0.1 0.2 0.2#

84 87.8 71.8 107.8





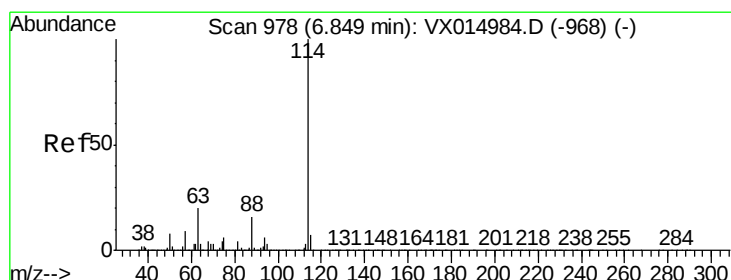
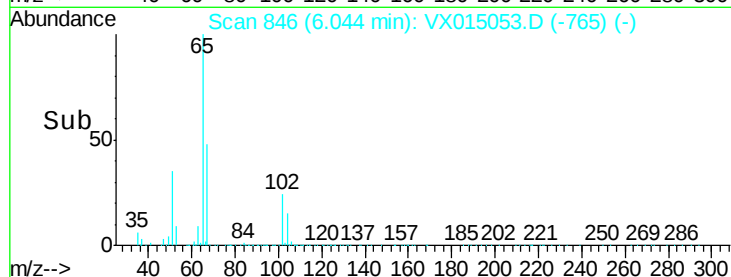
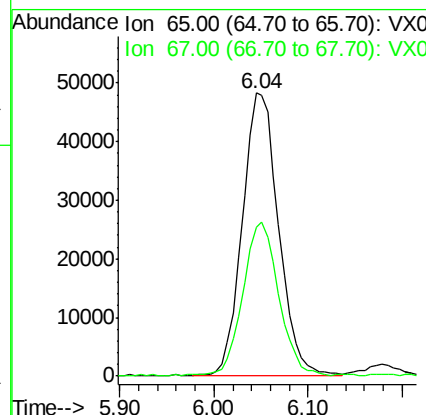
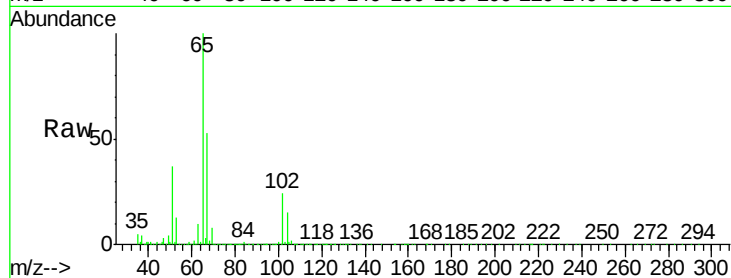
#27
 1,2-Dichloroethane-d4
 Concen: 27.808 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	41.9	62.9

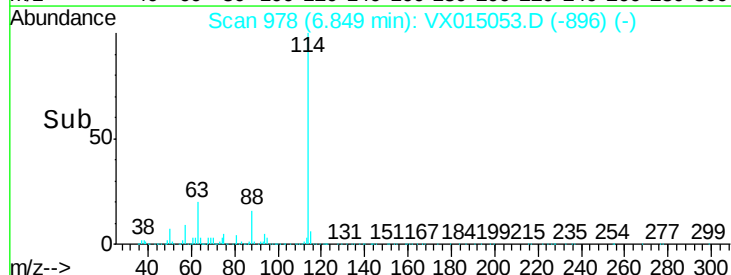
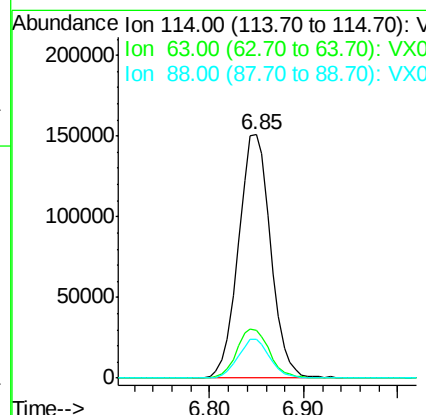
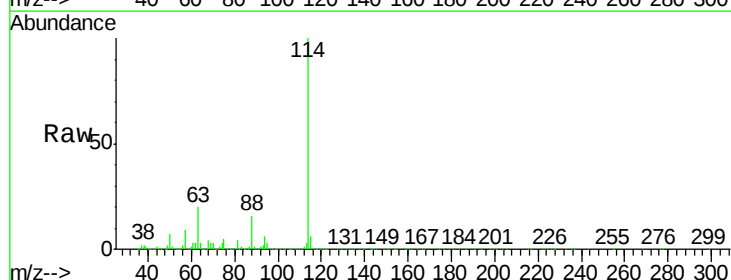
Manual Integrations
 APPROVED

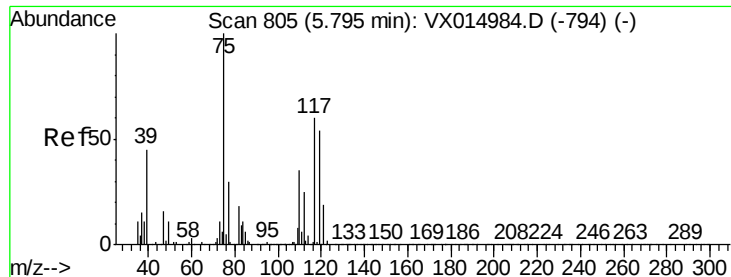
MMDadoda
 3/2/2020 11:32:18 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.6	23.4
88	15.7	12.2	18.2





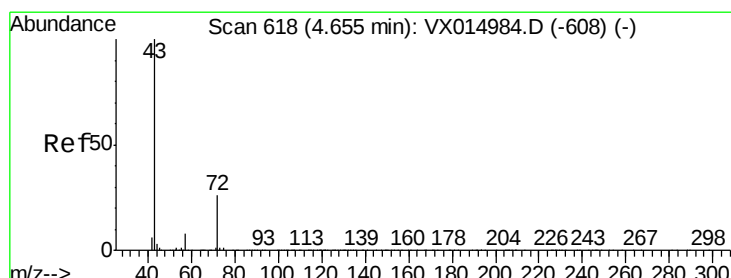
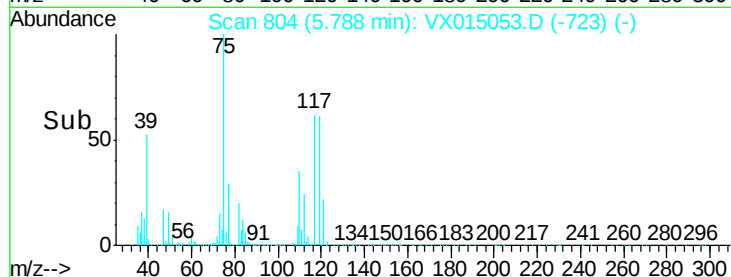
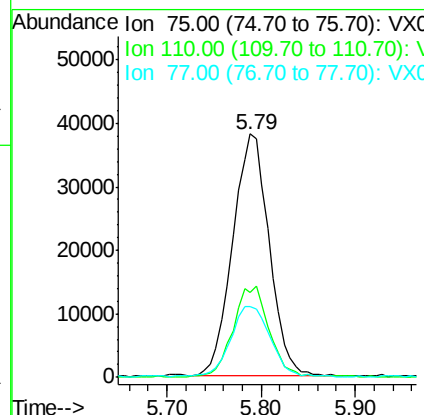
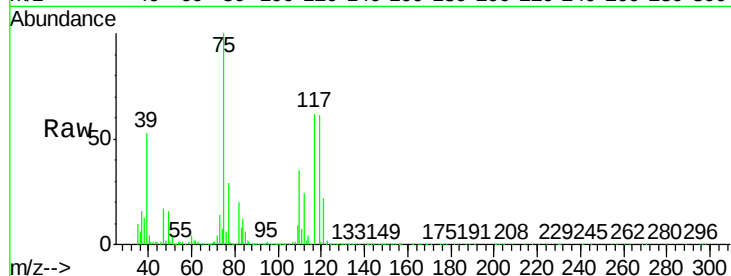
#29
 1,1-Dichloropropene
 Concen: 20.299 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.3	0.0	75.0
77	31.4	0.0	64.0

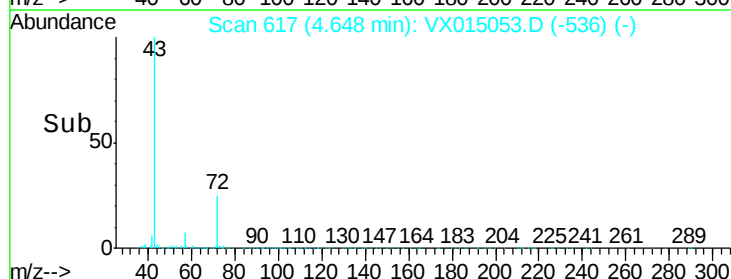
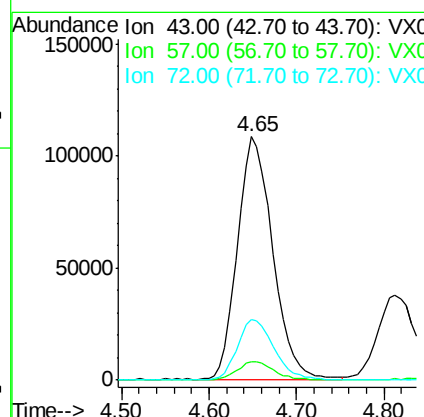
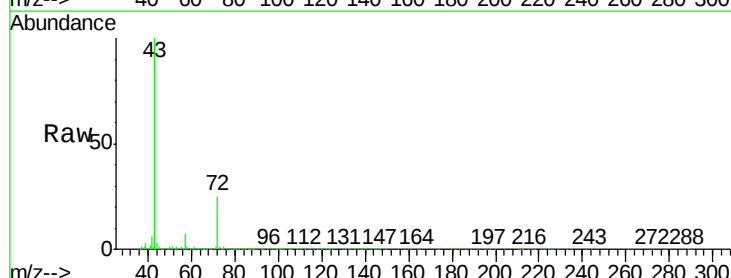
Manual Integrations
 APPROVED

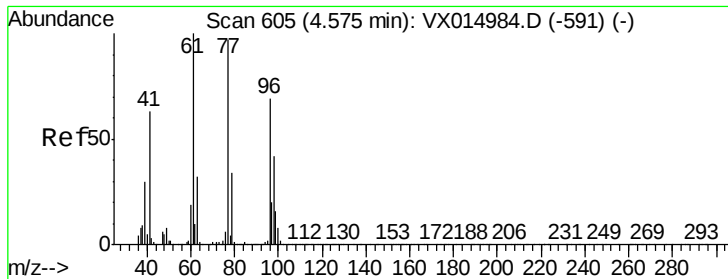
MMDadoda
 3/2/2020 11:32:18 AM



#30
 2-Butanone
 Concen: 103.303 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.6	6.5	9.7
72	25.2	20.3	30.5





#31

2,2-Dichloropropane

Concen: 18.723 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 77 Resp: 104498

Ion Ratio Lower Upper

77 100

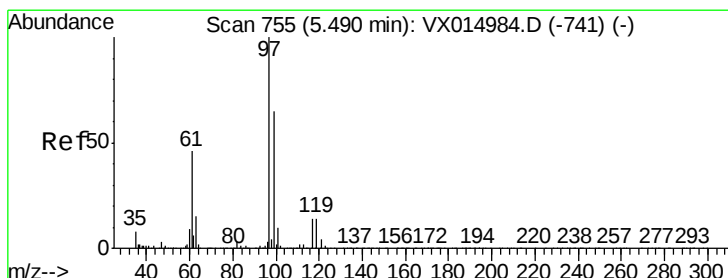
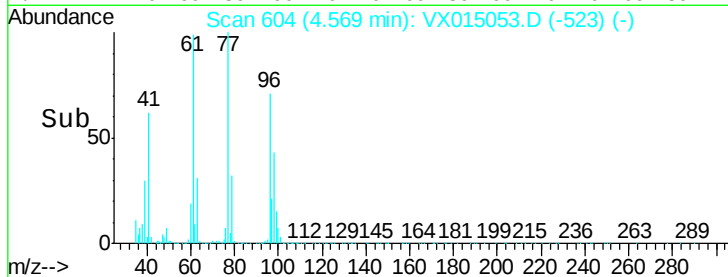
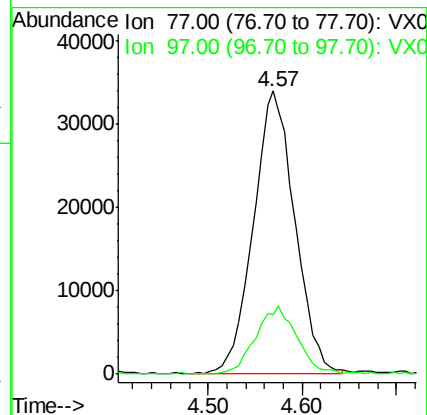
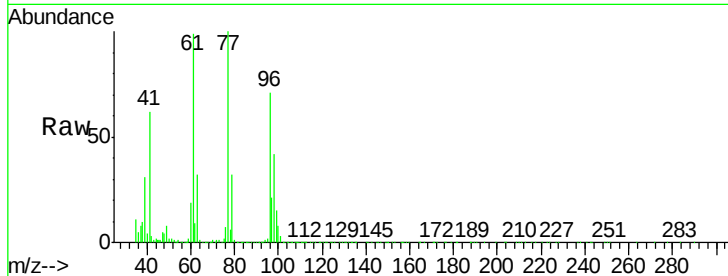
97 24.0 18.4 27.6

Manual Integrations

APPROVED

MMDadoda

3/2/2020 11:32:18 AM



#32

1,1,1-Trichloroethane

Concen: 19.378 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

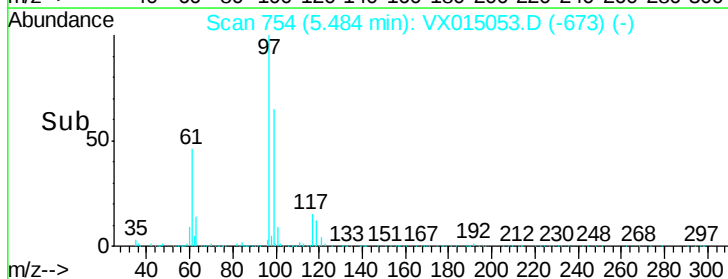
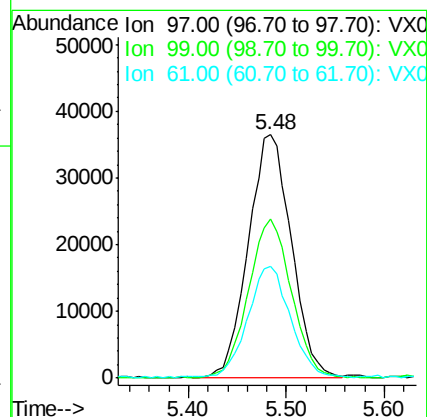
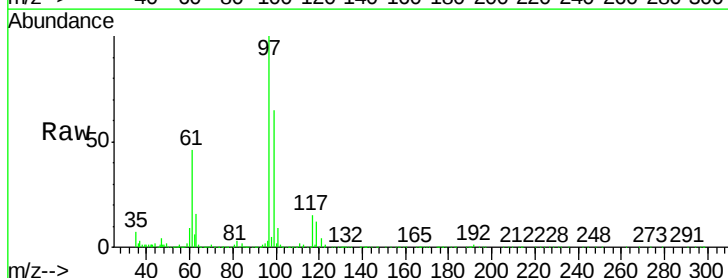
Tgt Ion: 97 Resp: 111856

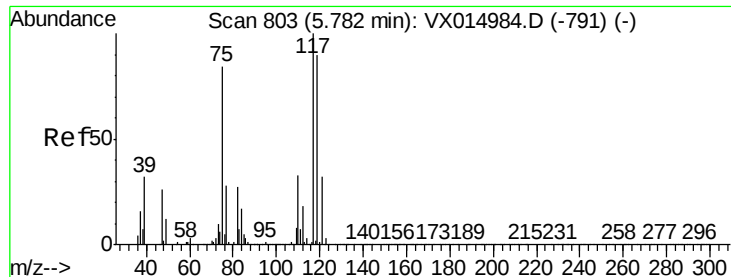
Ion Ratio Lower Upper

97 100

99 64.6 53.0 79.6

61 45.7 36.2 54.2





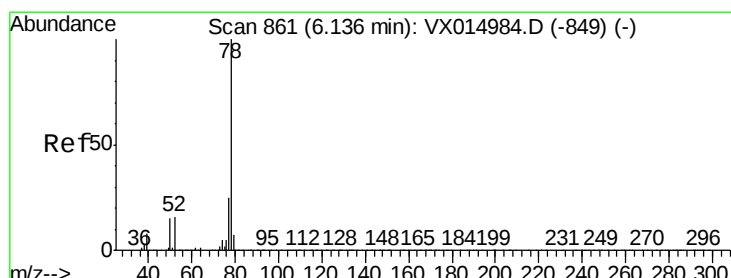
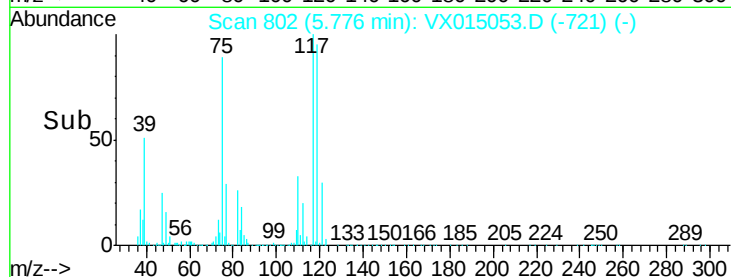
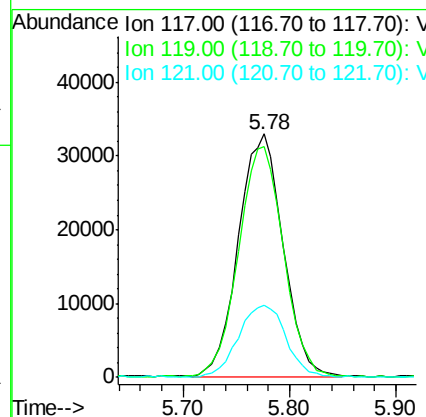
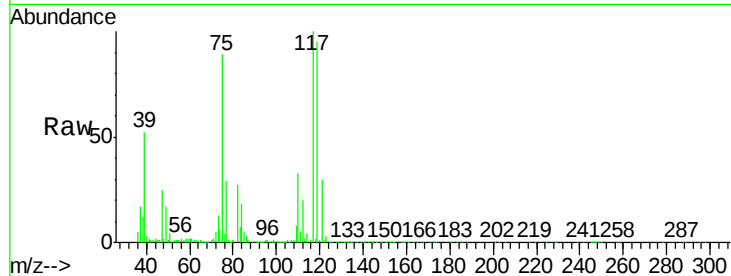
#33
Carbon Tetrachloride
Concen: 19.249 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.4	71.9	107.9
121	29.5	25.4	38.2

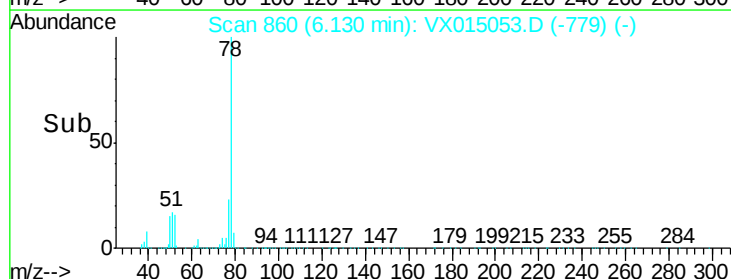
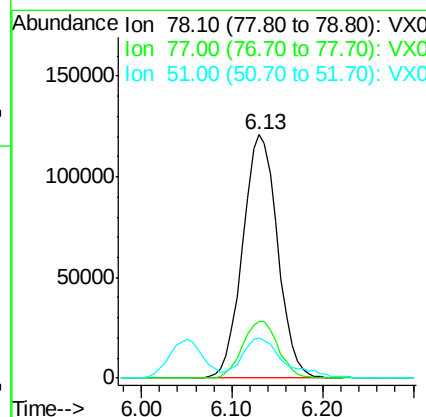
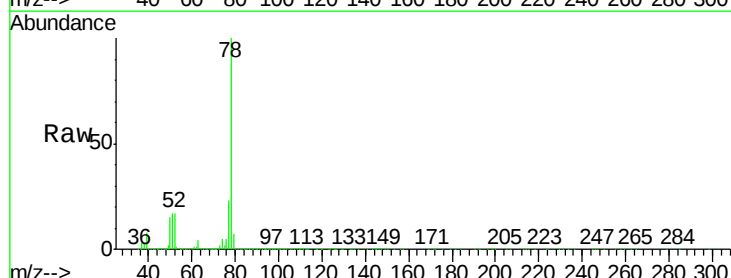
Manual Integrations
APPROVED

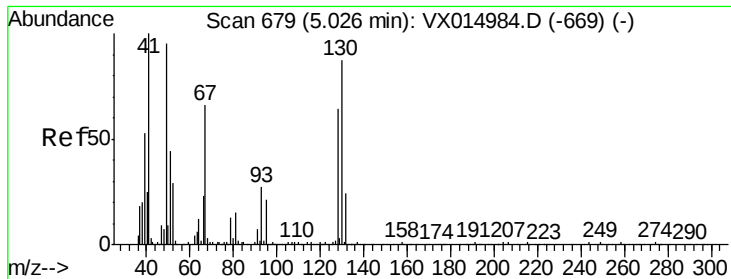
MMDadoda
3/2/2020 11:32:18 AM



#34
Benzene
Concen: 20.961 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.0	30.0
51	16.2	13.3	19.9





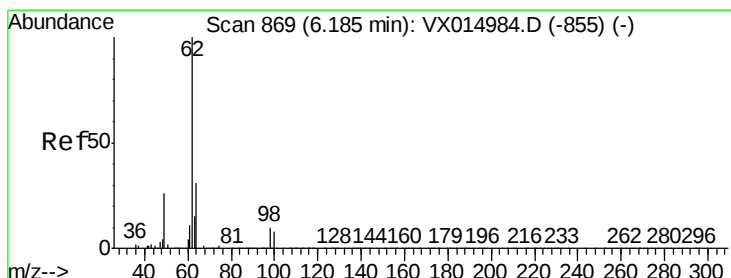
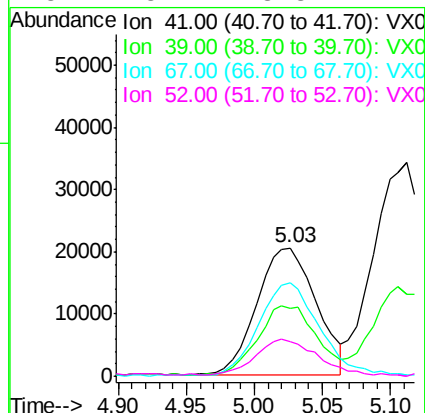
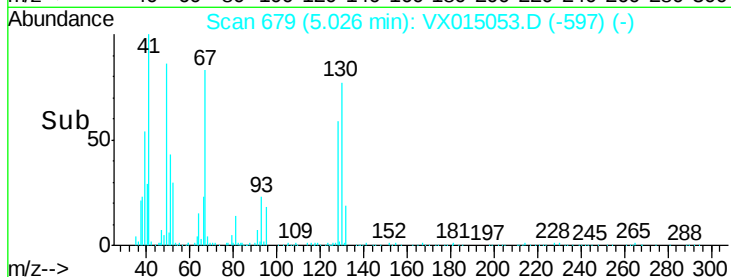
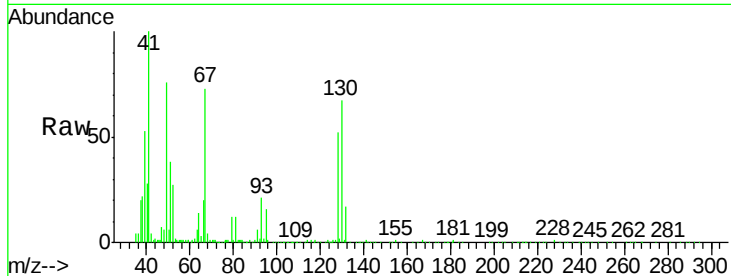
#35
Methacrylonitrile
Concen: 20.664 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	25.9	77.7	
67	73.1	32.7	98.1	
52	25.7	13.8	41.4	

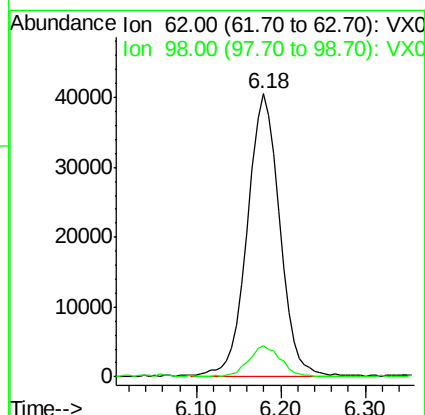
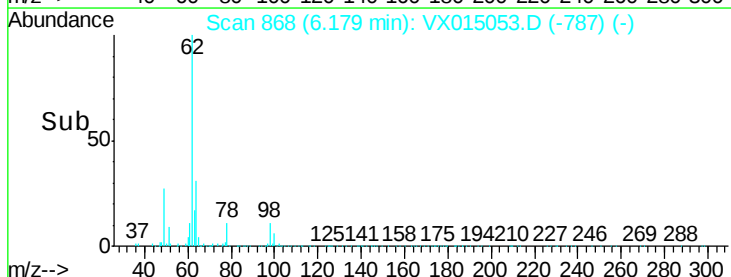
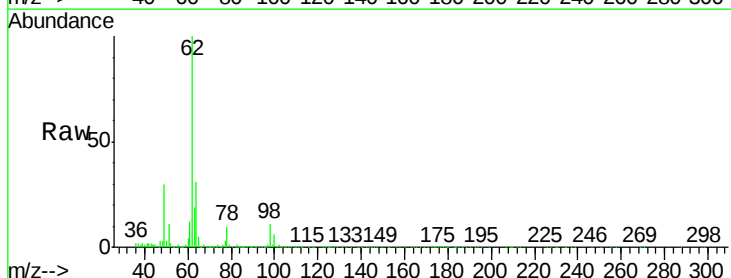
Manual Integrations
APPROVED

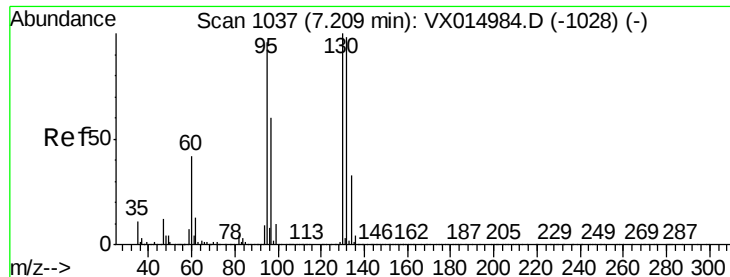
MMDadoda
3/2/2020 11:32:18 AM



#36
1,2-Dichloroethane
Concen: 19.327 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.1	7.5	11.3	





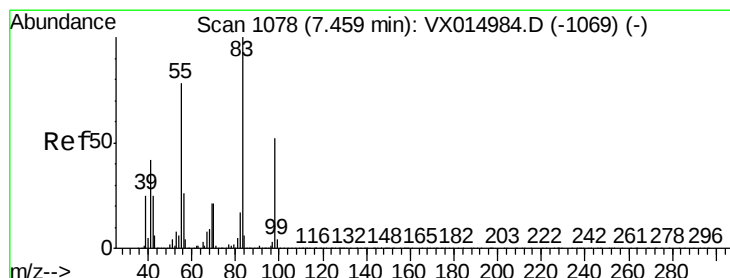
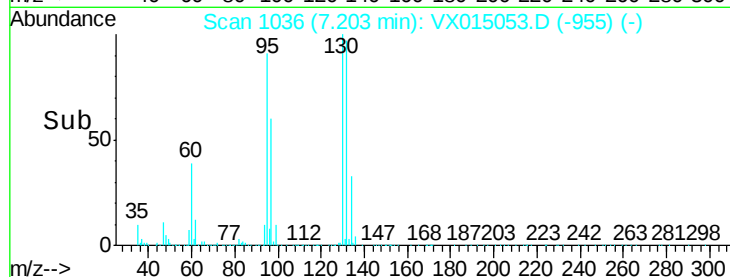
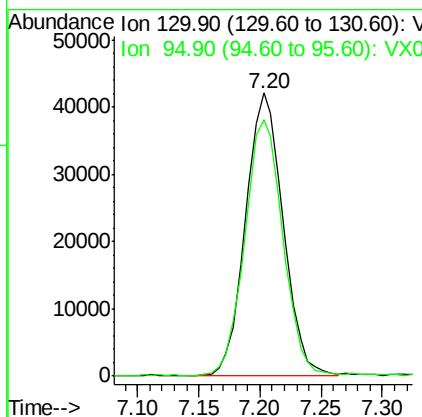
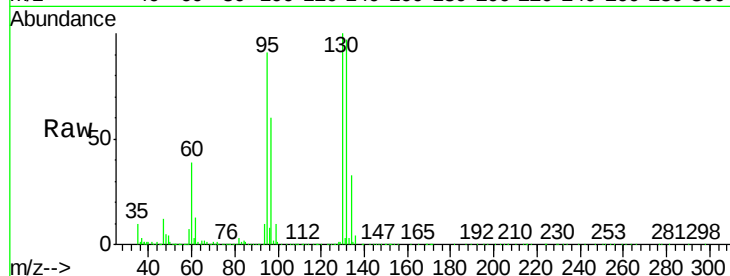
#37
 Trichloroethene
 Concen: 20.946 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion:130 Resp: 90200
 Ion Ratio Lower Upper
 130 100
 95 90.5 77.1 115.7

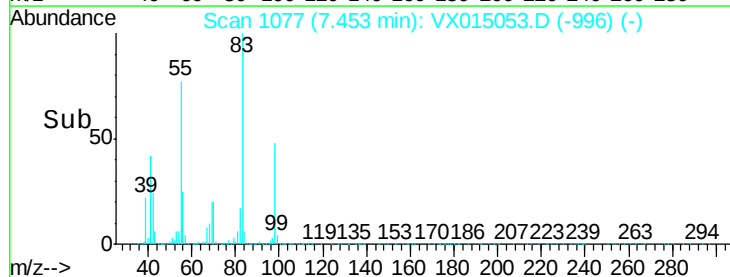
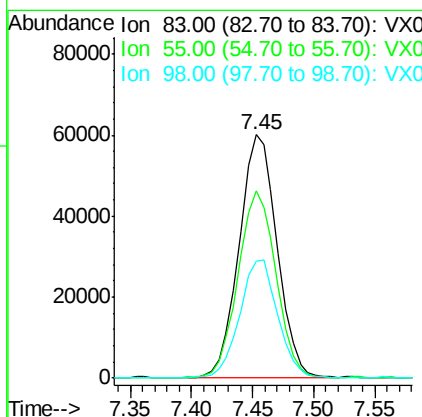
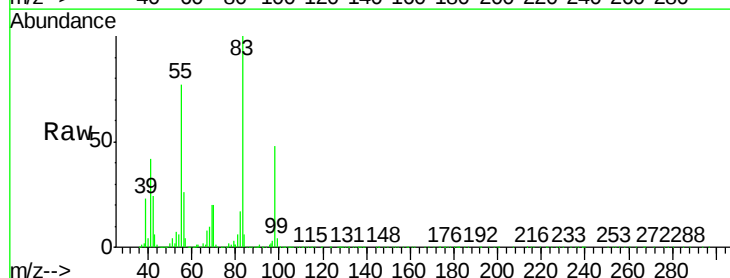
Manual Integrations
 APPROVED

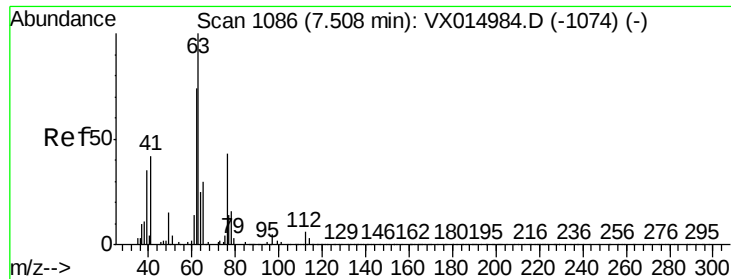
MMDadoda
 3/2/2020 11:32:18 AM



#38
 Methylcyclohexane
 Concen: 20.531 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion: 83 Resp: 129353
 Ion Ratio Lower Upper
 83 100
 55 76.3 38.2 114.6
 98 48.8 25.3 75.8





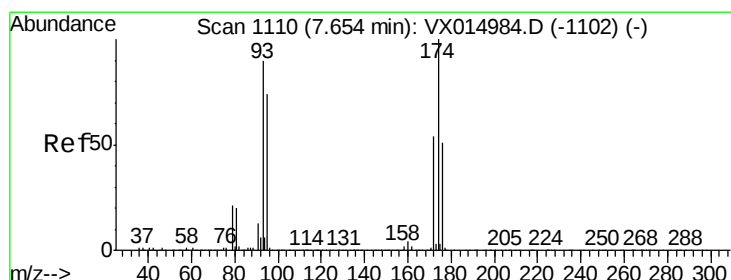
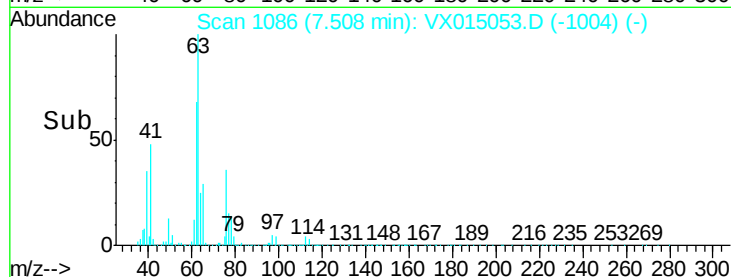
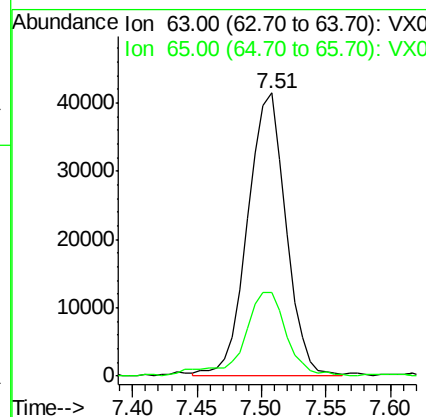
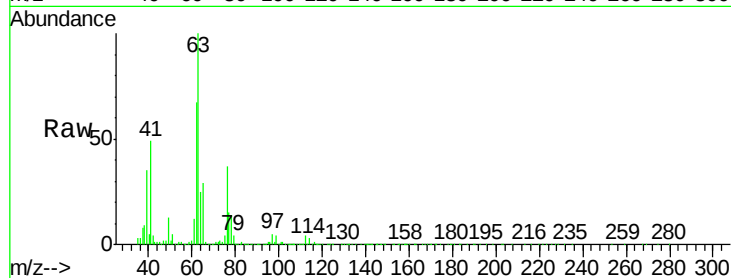
#39
 1,2-Dichloropropane
 Concen: 21.471 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.8	24.6	36.8

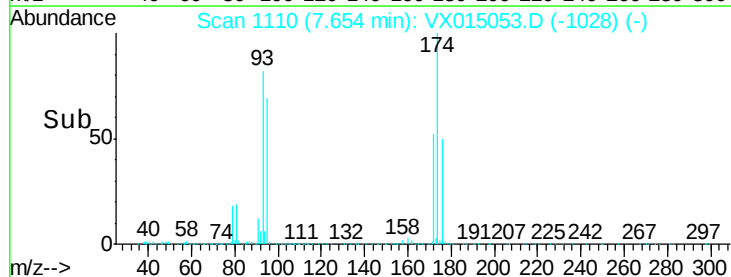
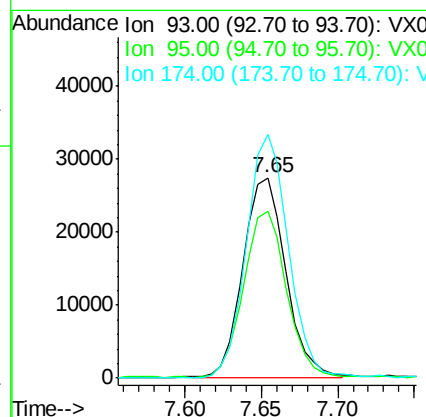
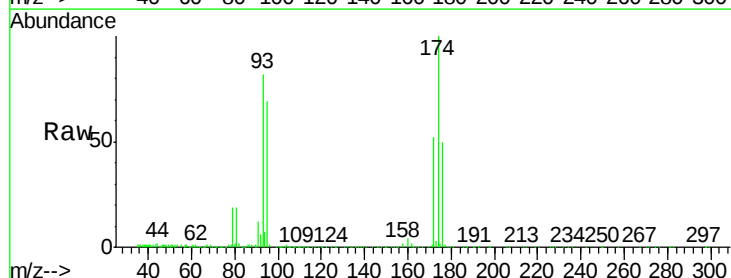
Manual Integrations
 APPROVED

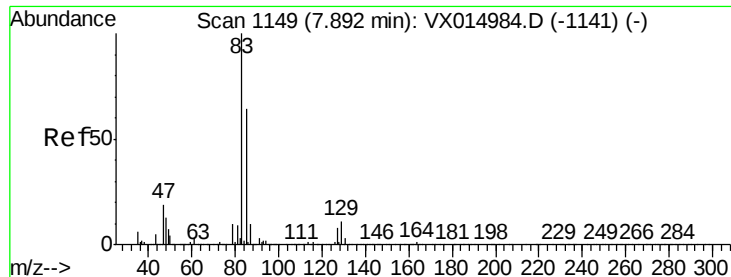
MMDadoda
 3/2/2020 11:32:18 AM



#40
 Dibromomethane
 Concen: 20.231 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	0.0	164.6
174	120.1	0.0	226.4





#41

Bromodichloromethane

Concen: 20.047 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

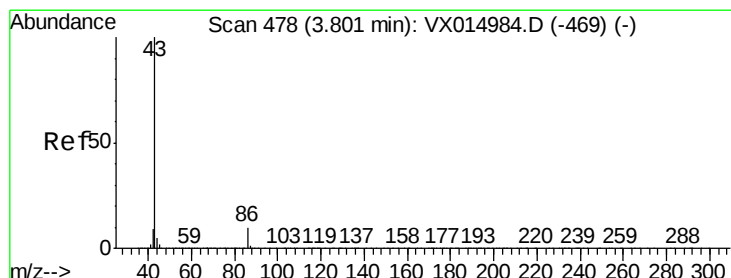
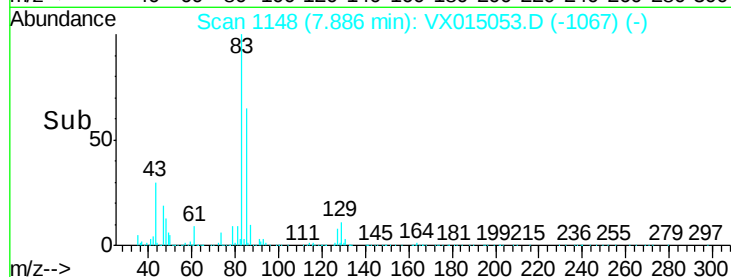
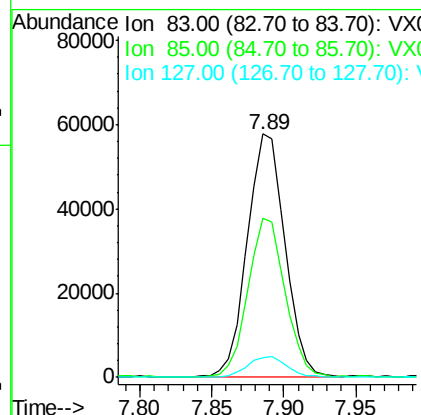
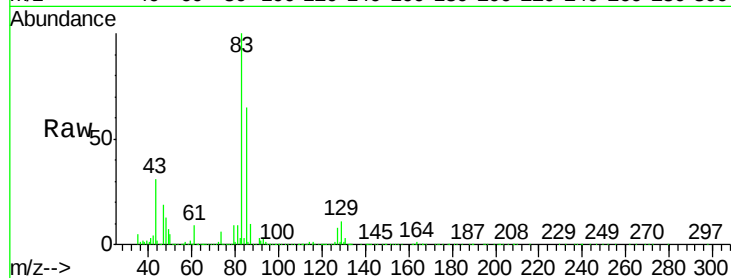
ClientSampleId :

VX0228WBS01

Tot Ion:	83	Resp:	104394
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.0	76.4
127	8.2	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#42

Vinyl Acetate

Concen: 104.479 ug/l

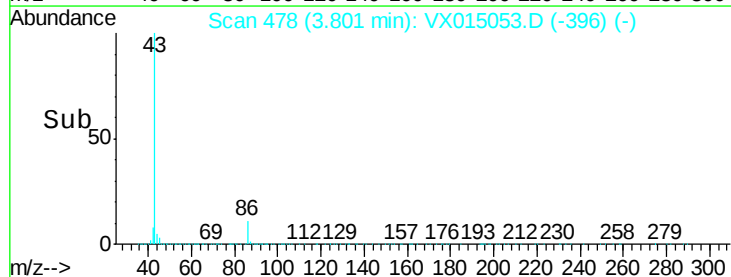
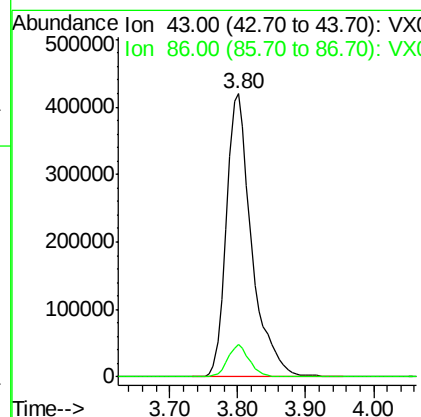
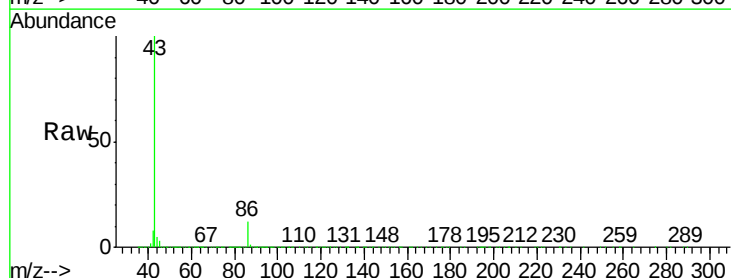
RT: 3.80 min Scan# 478

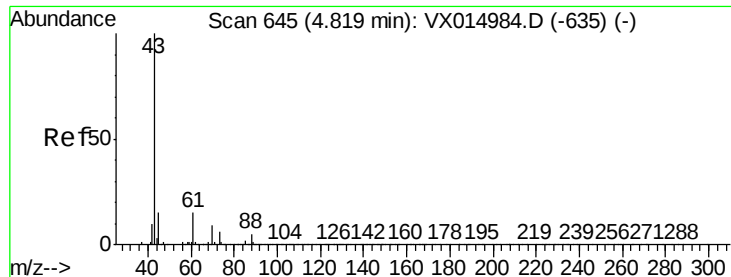
Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	43	Resp:	1078917
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.6	11.4





#43

Ethyl Acetate

Concen: 21.992 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 43 Resp: 116743

Ion Ratio Lower Upper

43 100

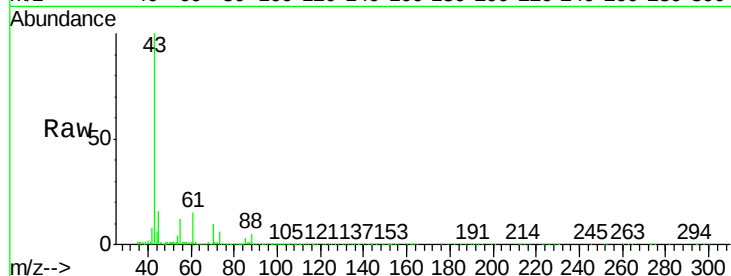
45 14.8 10.8 16.2

Manual Integrations

APPROVED

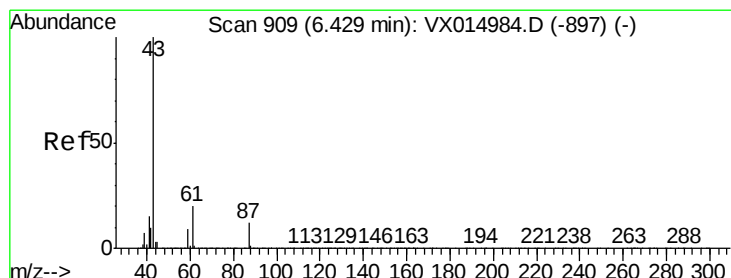
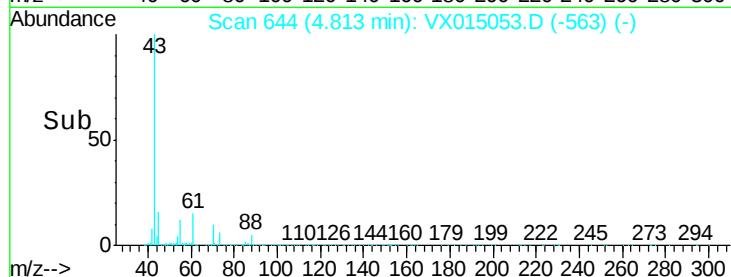
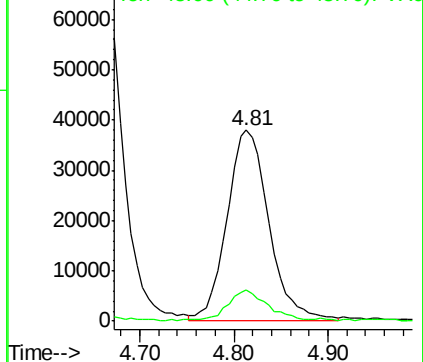
MMDadoda

3/2/2020 11:32:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.798 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX015053.D

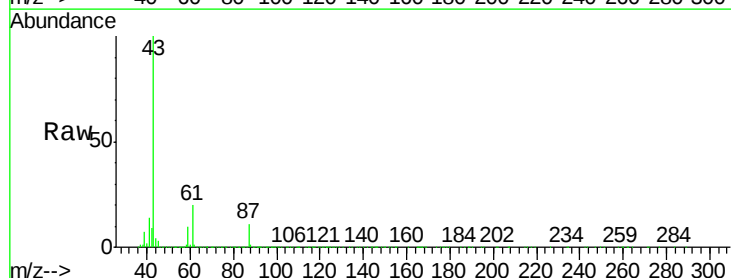
Acq: 28 Feb 2020 10:52

Tgt Ion: 43 Resp: 185600

Ion Ratio Lower Upper

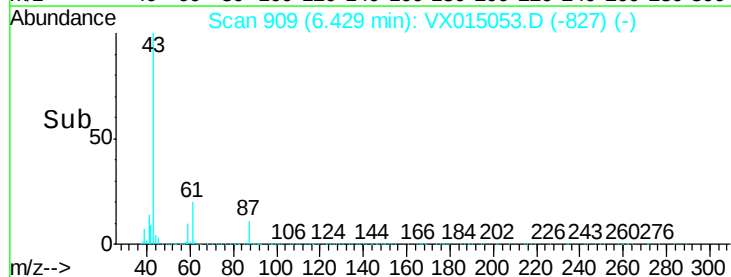
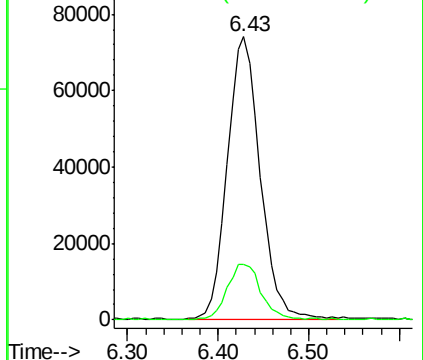
43 100

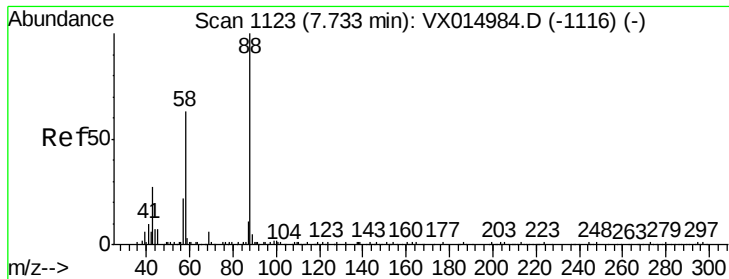
61 20.1 15.6 23.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





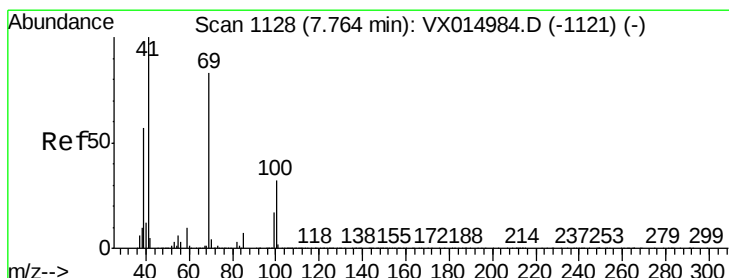
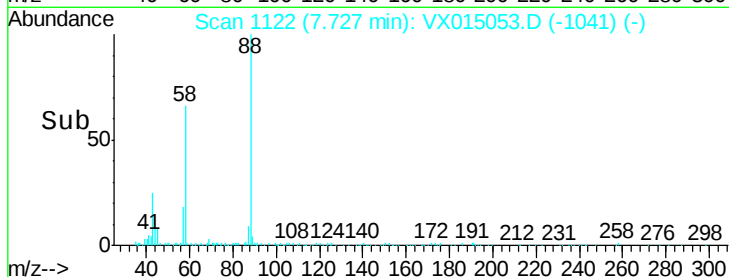
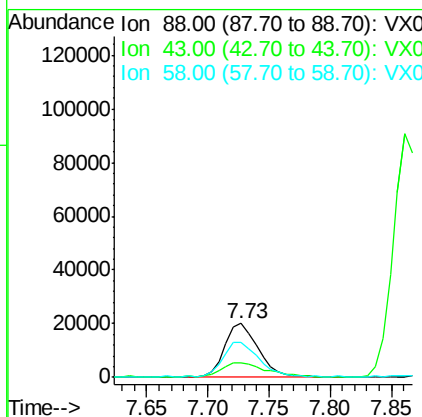
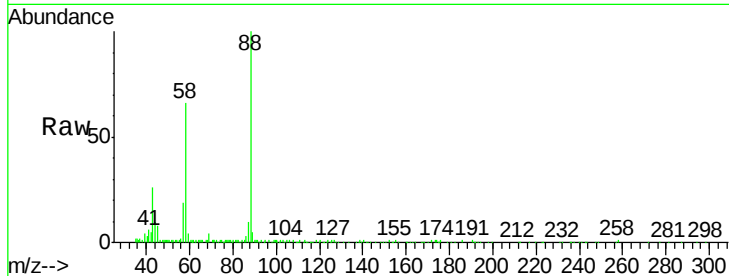
#45
1,4-Dioxane
Concen: 458.932 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.4	38.2
58	69.3	55.8	83.8

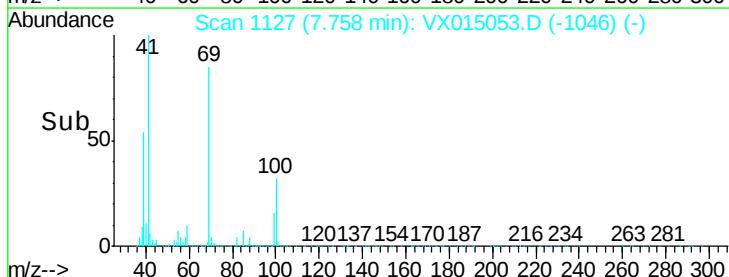
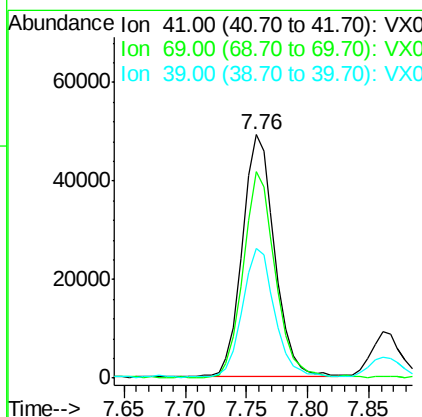
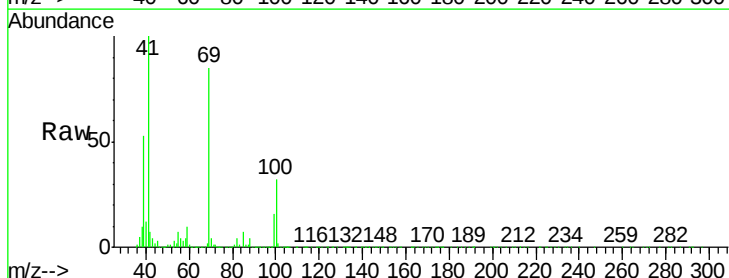
Manual Integrations
APPROVED

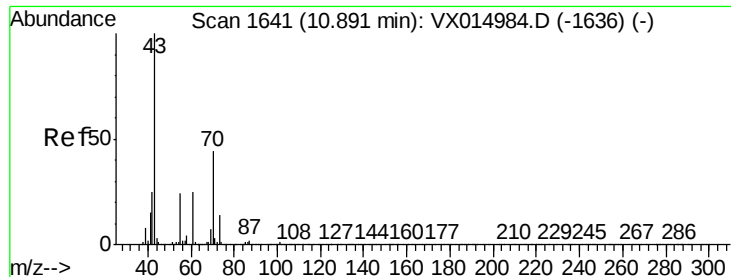
MMDadoda
3/2/2020 11:32:18 AM



#46
Methyl methacrylate
Concen: 20.481 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.2	41.4	124.2
39	53.0	28.3	84.9





#47

n-amvl Acetate

Concen: 20.902 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion: 43 Resp: 161595

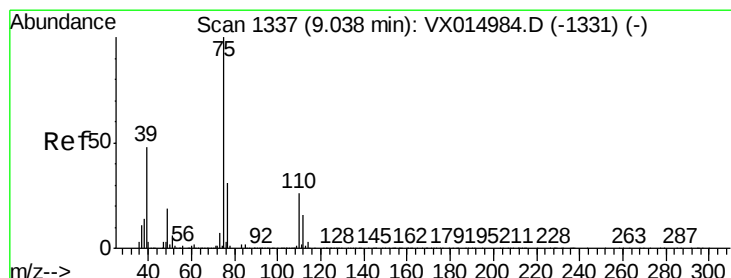
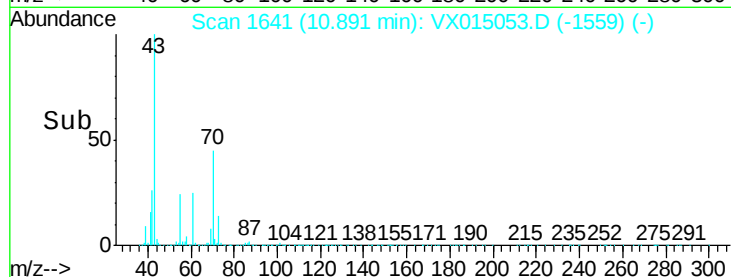
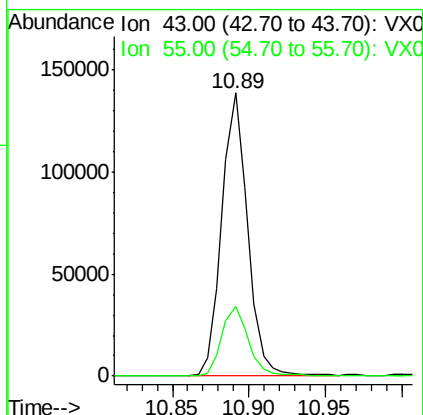
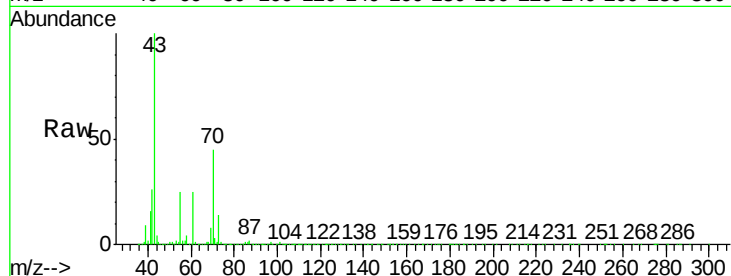
Ion Ratio Lower Upper

43 100

55 25.0 19.2 28.8

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#48

t-1,3-Dichloropropene

Concen: 19.786 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015053.D

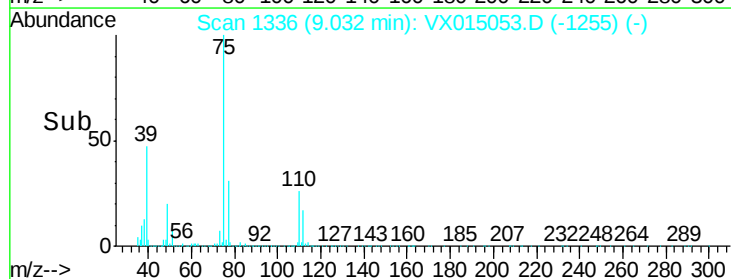
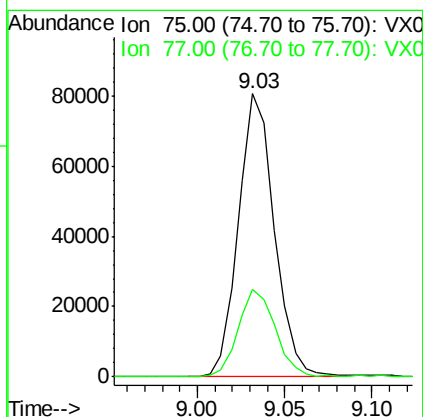
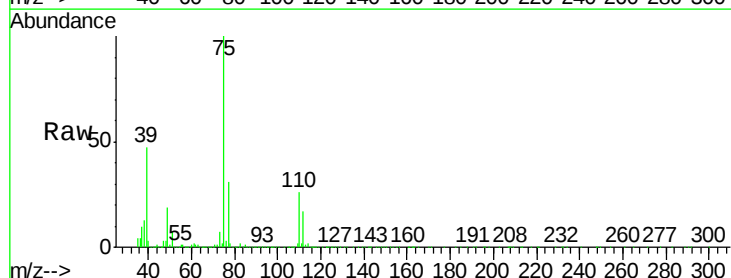
Acq: 28 Feb 2020 10:52

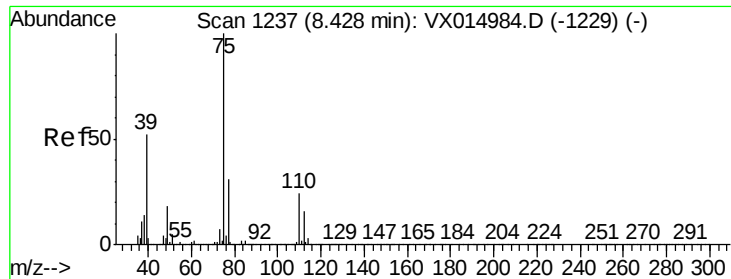
Tgt Ion: 75 Resp: 114317

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8





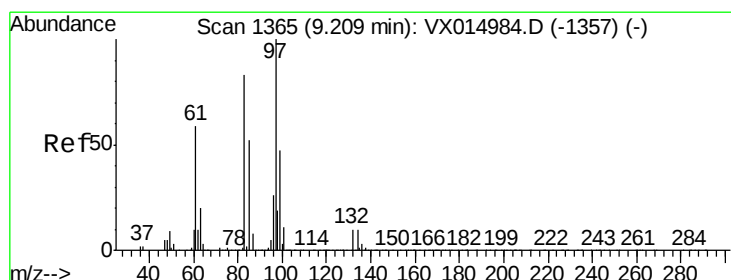
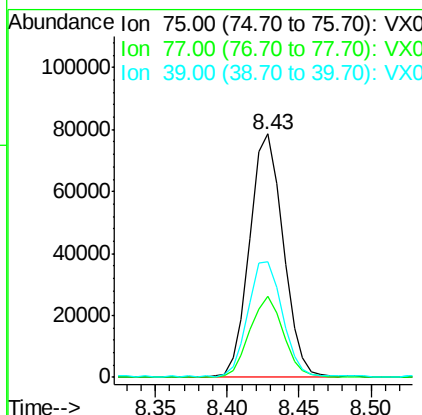
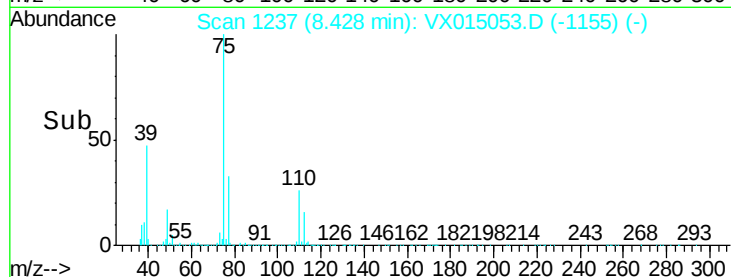
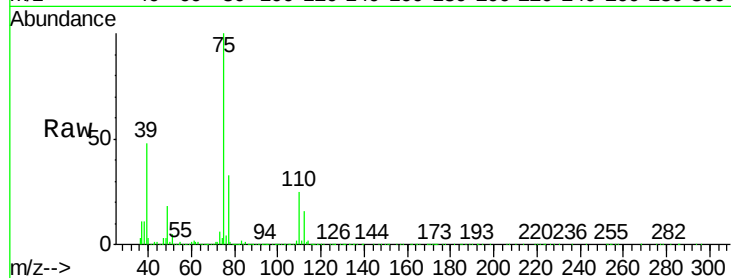
#49
 cis-1,3-Dichloropropene
 Concen: 19.970 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.6	36.8
39	47.2	41.5	62.3

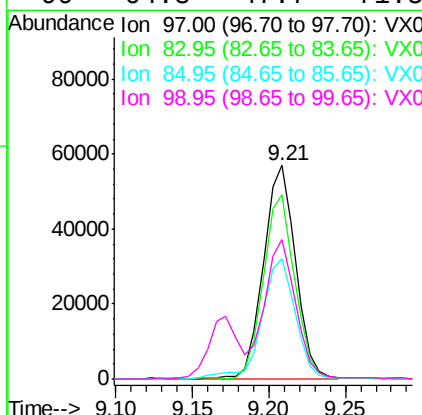
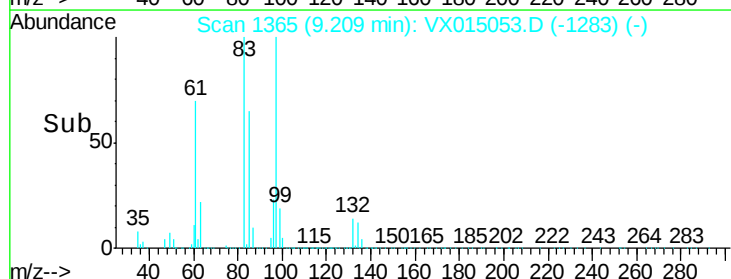
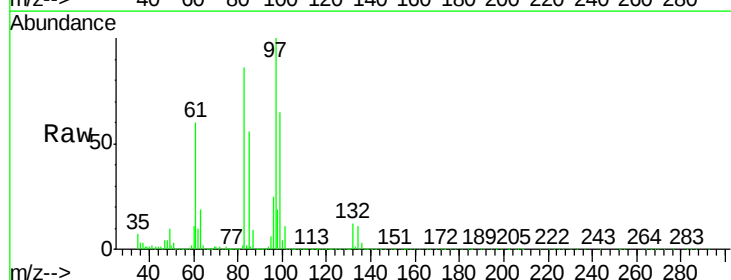
Manual Integrations
 APPROVED

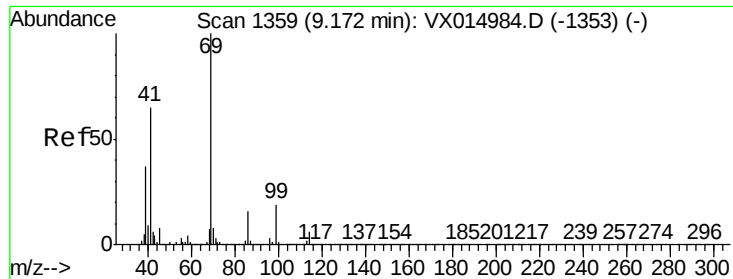
MMDadoda
 3/2/2020 11:32:18 AM



#50
 1,1,2-Trichloroethane
 Concen: 21.256 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.2	99.2
85	56.0	42.4	63.6
99	64.8	47.7	71.5





#51

Ethyl methacrylate

Concen: 20.457 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

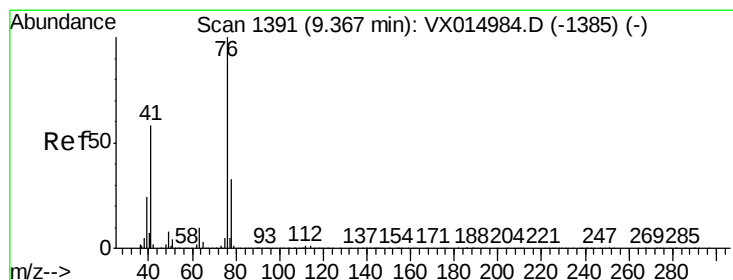
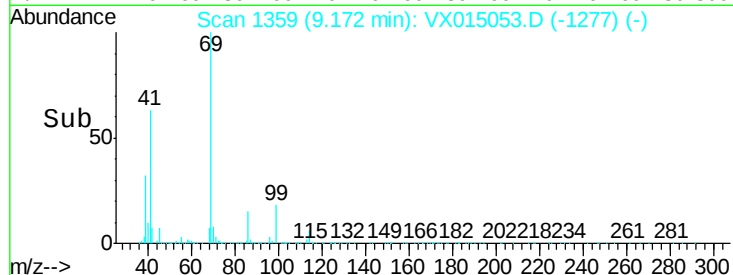
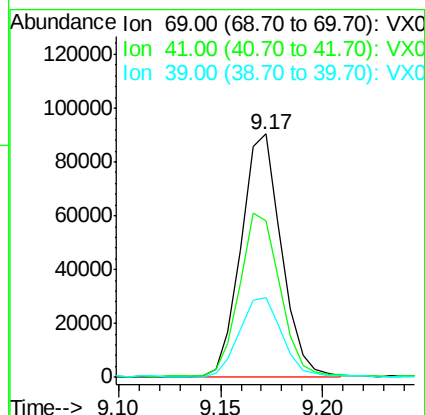
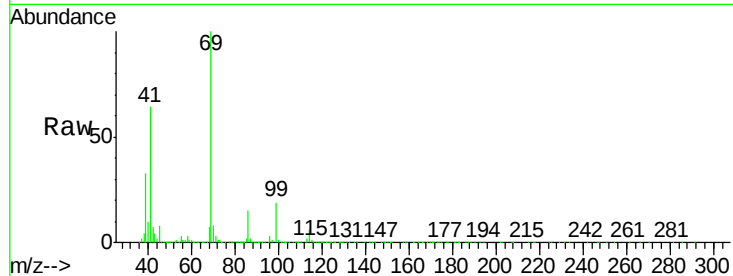
ClientSampled :

VX0228WBS01

Tot Ion:	69	Resp:	124007
Ion Ratio	Lower	Upper	
69	100		
41	63.9	32.7	98.1
39	32.6	18.2	54.6

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#52

1,3-Dichloropropane

Concen: 21.074 ug/l

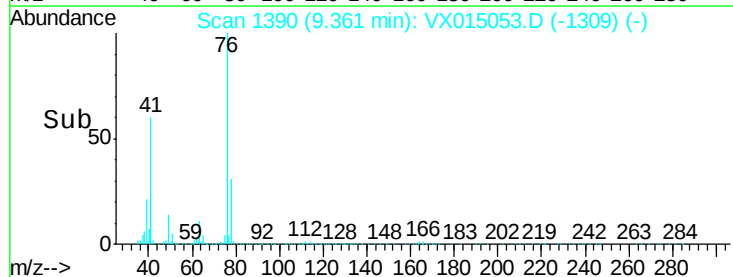
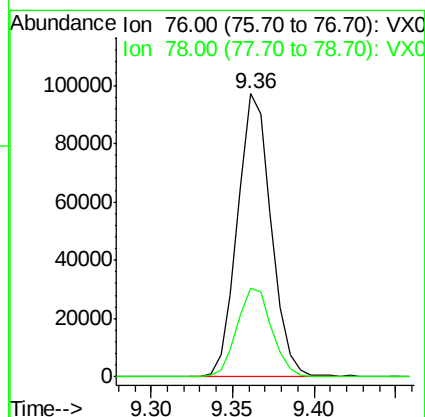
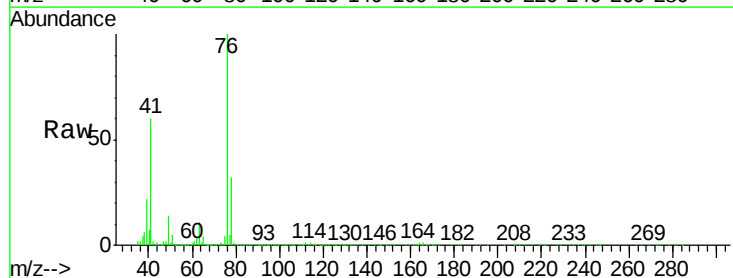
RT: 9.36 min Scan# 1390

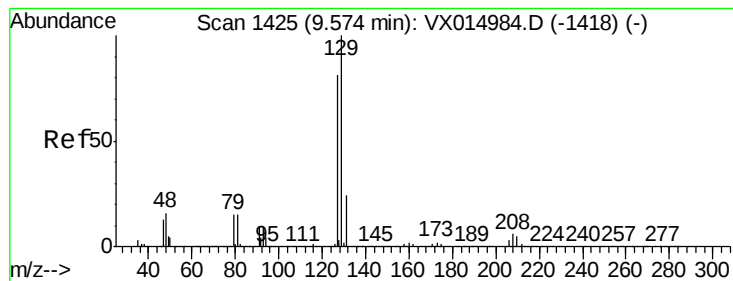
Delta R.T. -0.01 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	76	Resp:	140018
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	65.0





#53

Dibromochloromethane

Concen: 20.544 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion:129 Resp: 87235

Ion Ratio Lower Upper

129 100

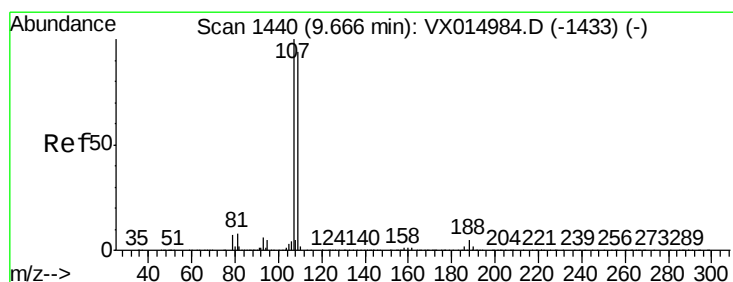
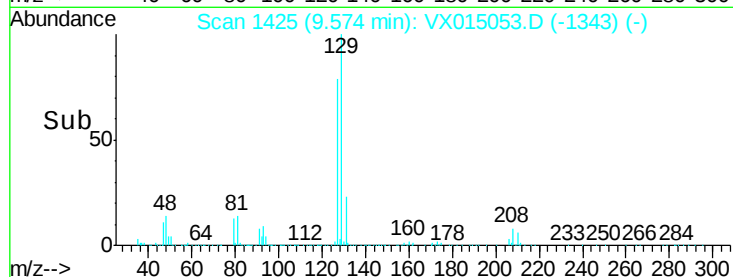
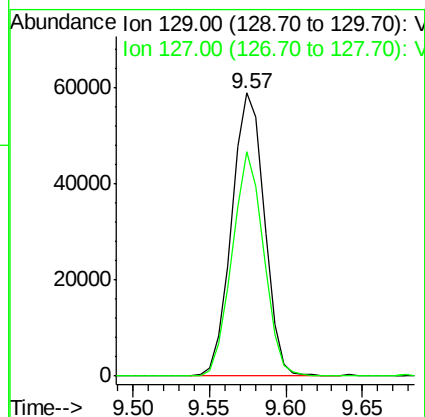
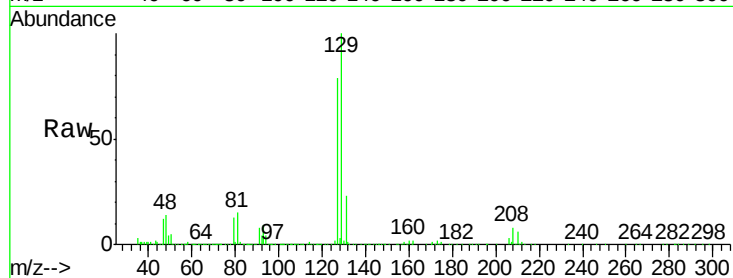
127 76.3 38.3 114.9

Manual Integrations

APPROVED

MMDadoda

3/2/2020 11:32:18 AM



#54

1,2-Dibromoethane

Concen: 20.737 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015053.D

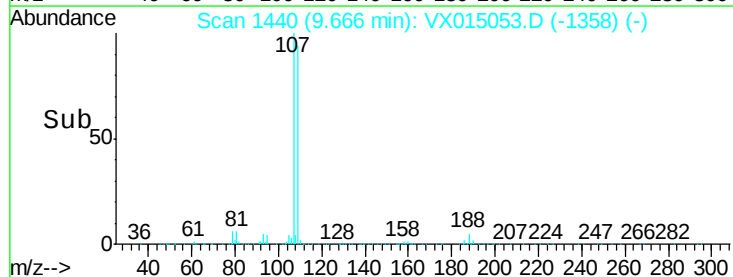
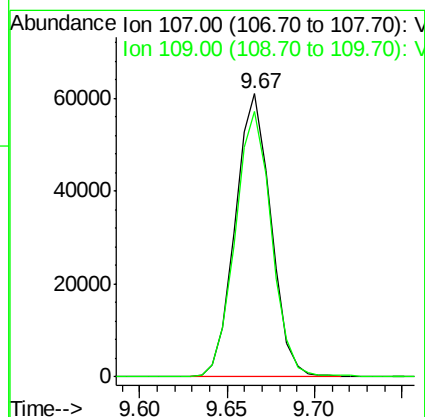
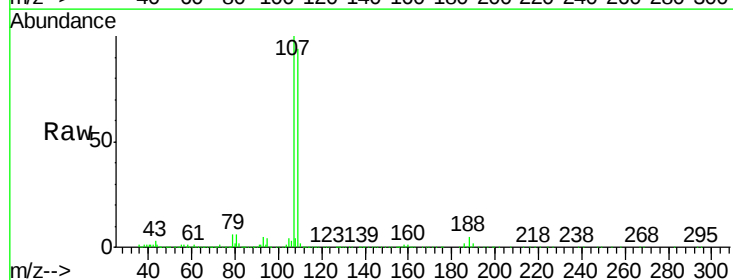
Acq: 28 Feb 2020 10:52

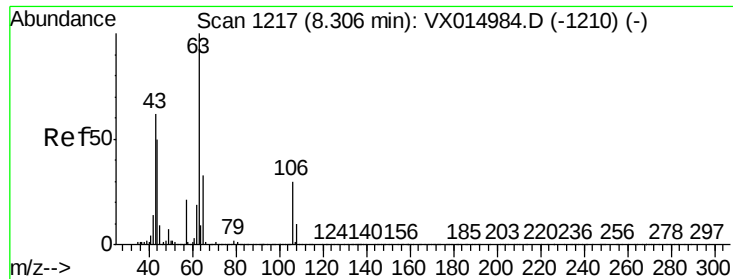
Tgt Ion:107 Resp: 86470

Ion Ratio Lower Upper

107 100

109 94.9 76.3 114.5





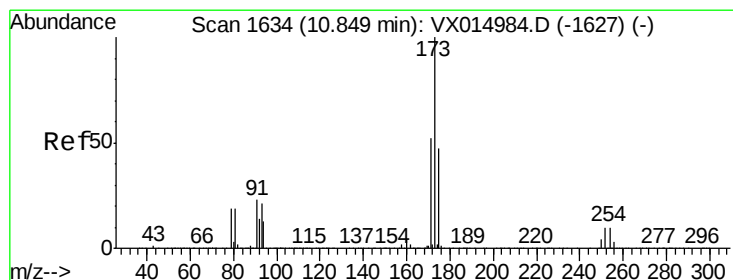
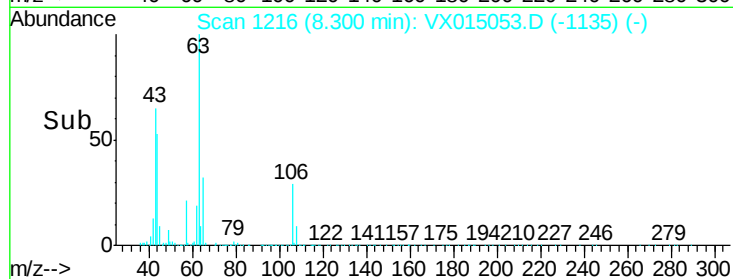
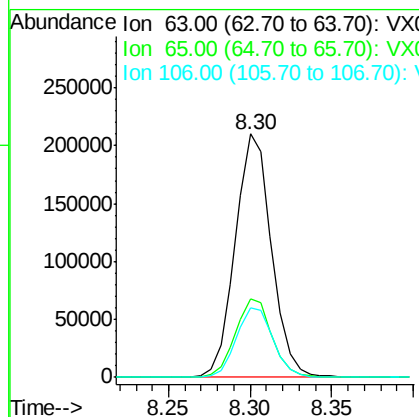
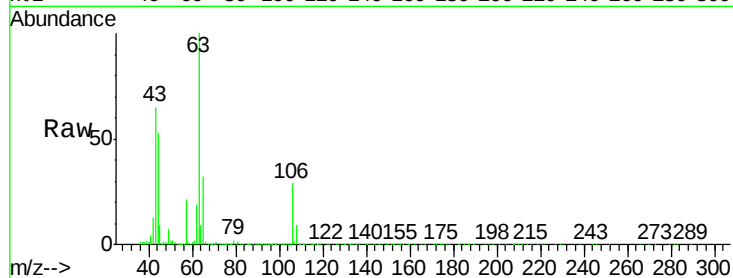
#55
 2-Chloroethyl vinyl ether
 Concen: 100.348 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	26.0	39.0
106	29.2	23.9	35.9

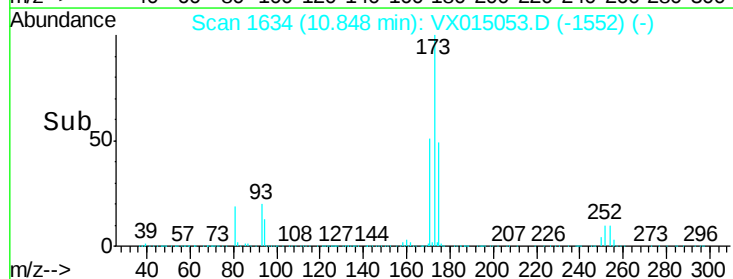
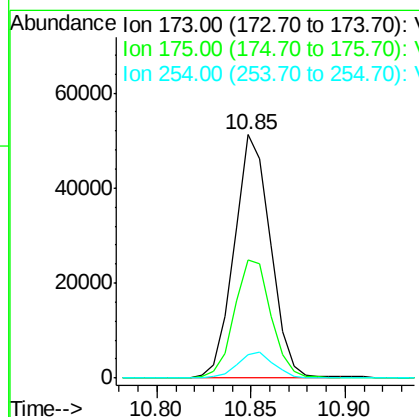
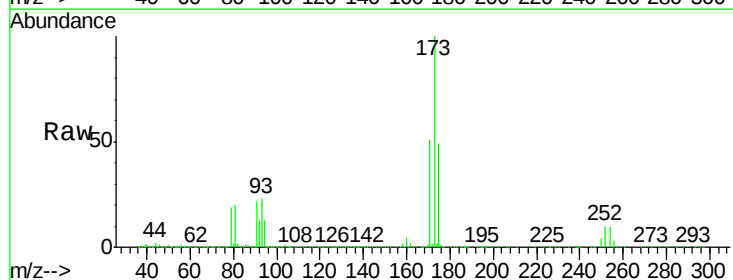
Manual Integrations
 APPROVED

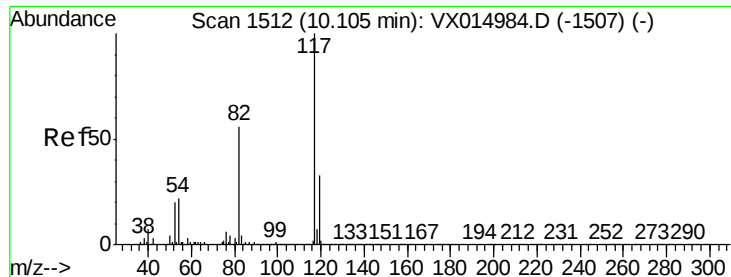
MMDadoda
 3/2/2020 11:32:18 AM



#56
 Bromoform
 Concen: 20.559 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.6	57.8
254	10.9	8.6	13.0





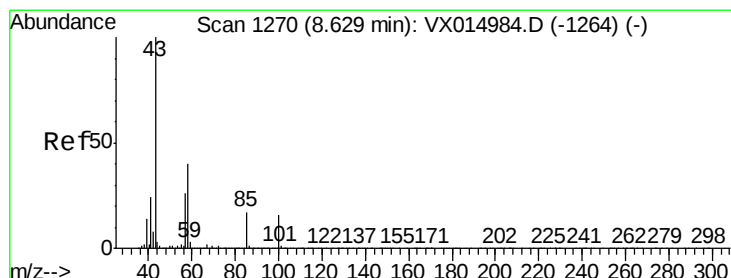
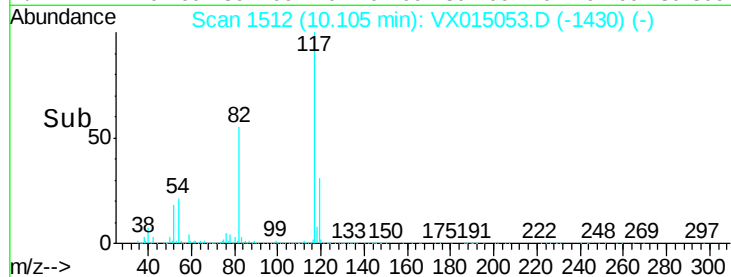
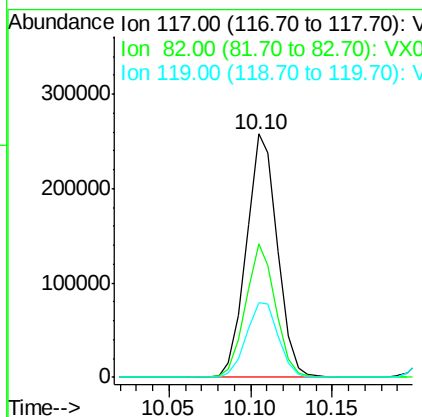
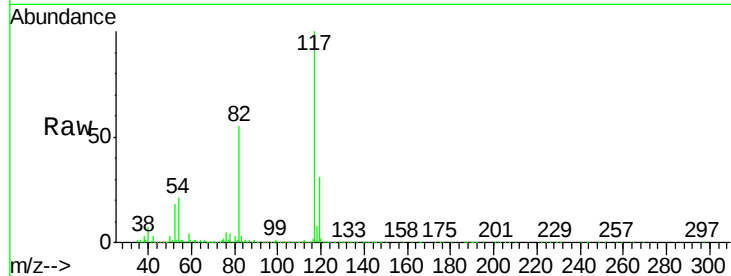
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.8	43.4	65.2
119	31.8	26.0	39.0

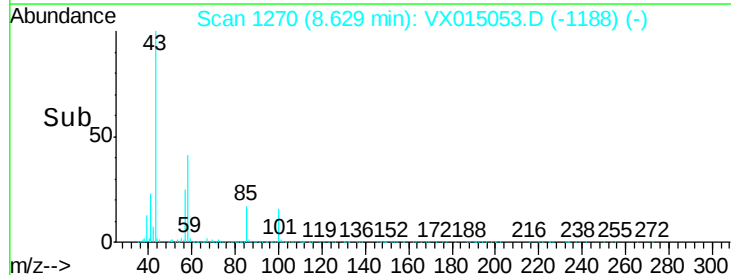
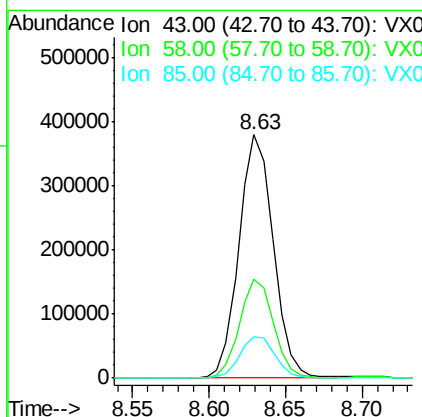
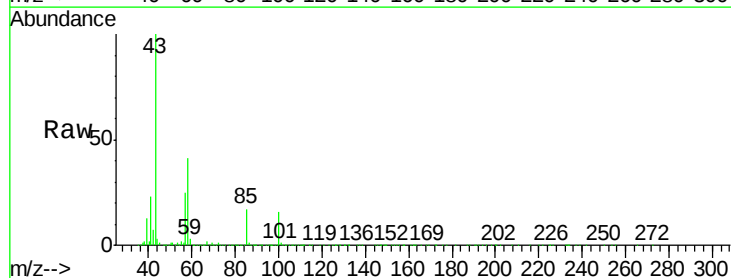
Manual Integrations
APPROVED

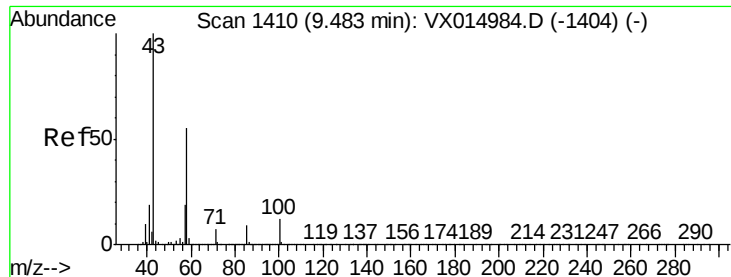
MMDadoda
3/2/2020 11:32:18 AM



#58
4-Methyl-2-Pentanone
Concen: 105.785 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	40.2	31.7	47.5
85	17.6	14.4	21.6





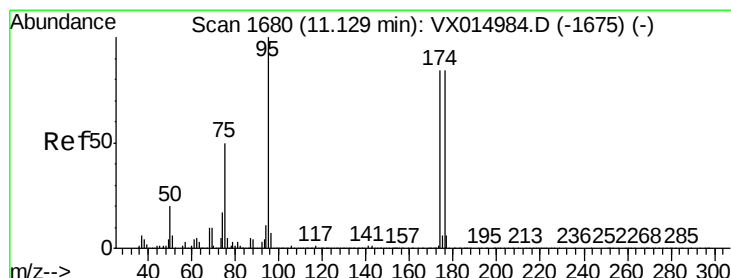
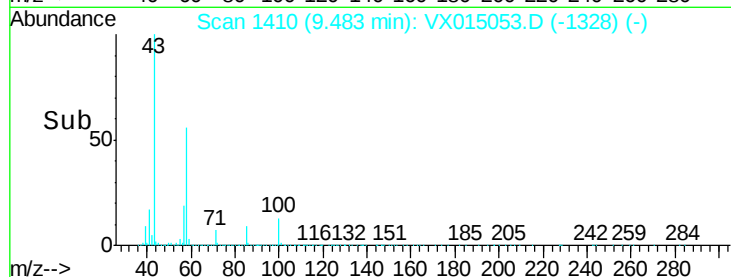
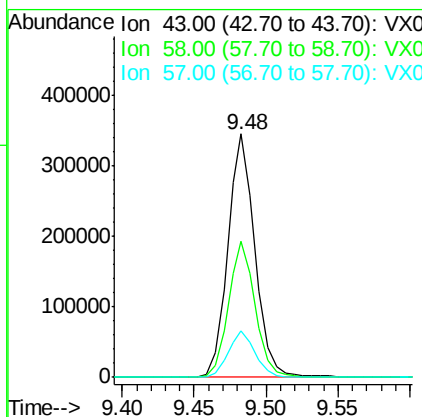
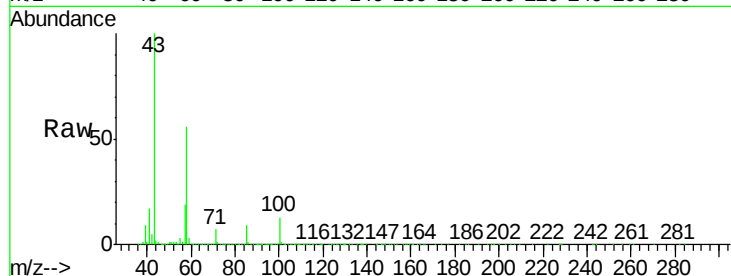
#59
2-Hexanone
Concen: 103.791 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.1	66.1
57	18.9	15.3	22.9

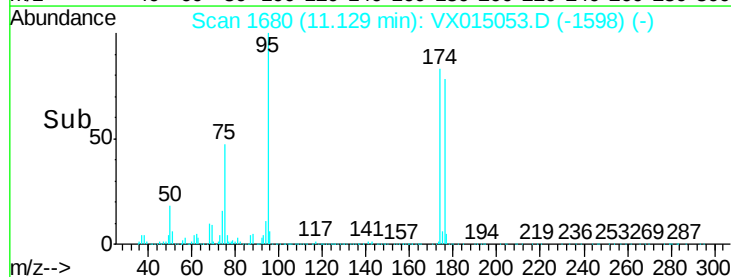
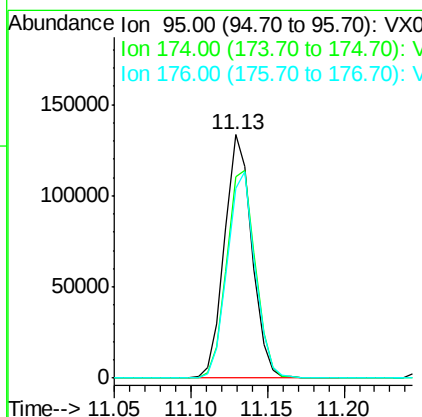
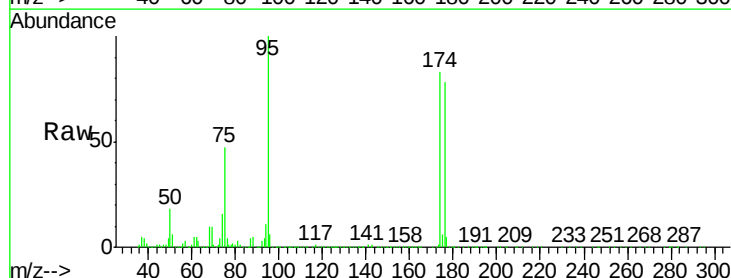
Manual Integrations
APPROVED

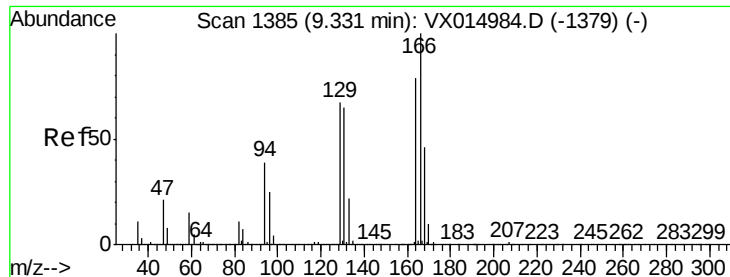
MMDadoda
3/2/2020 11:32:18 AM



#60
4-Bromofluorobenzene
Concen: 31.198 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	72.3	108.5
176	86.0	72.0	108.0





#61

Tetrachloroethene

Concen: 19.935 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tot Ion:164 Resp: 91385

Ion Ratio Lower Upper

164 100

166 135.7 101.2 151.8

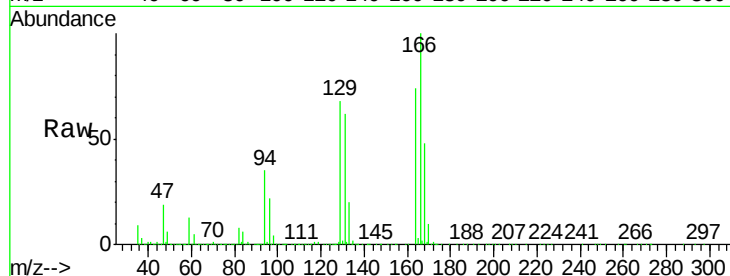
129 91.8 67.6 101.4

131 84.5 66.0 99.0

Manual Integrations
APPROVED

MMDadoda

3/2/2020 11:32:18 AM

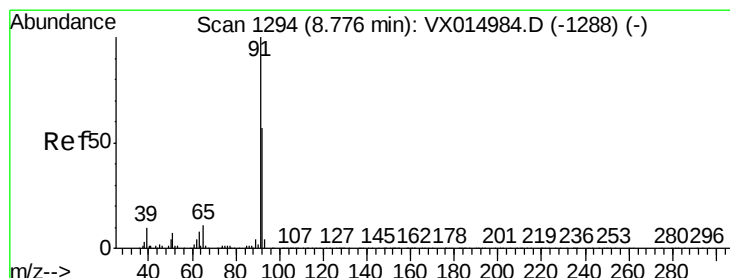
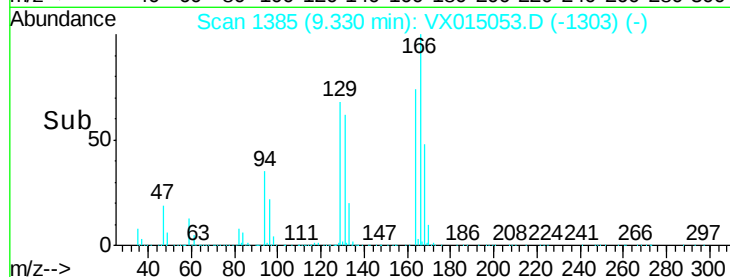
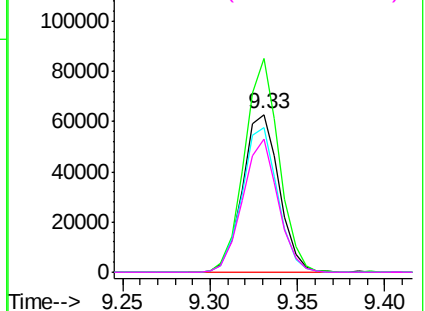


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.849 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015053.D

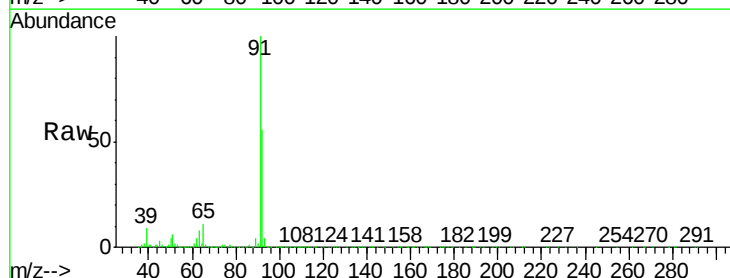
Acq: 28 Feb 2020 10:52

Tgt Ion: 91 Resp: 346993

Ion Ratio Lower Upper

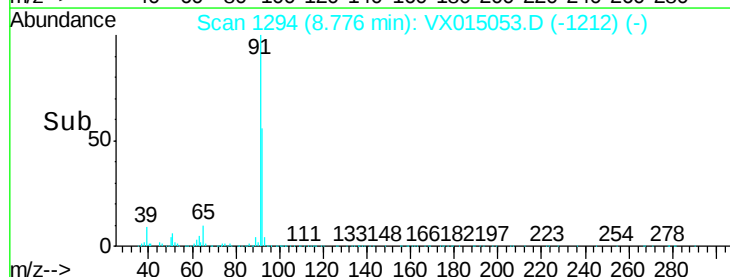
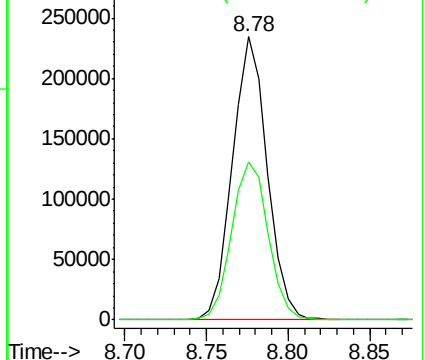
91 100

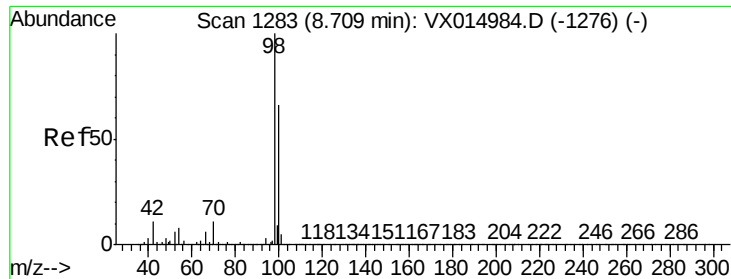
92 58.8 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





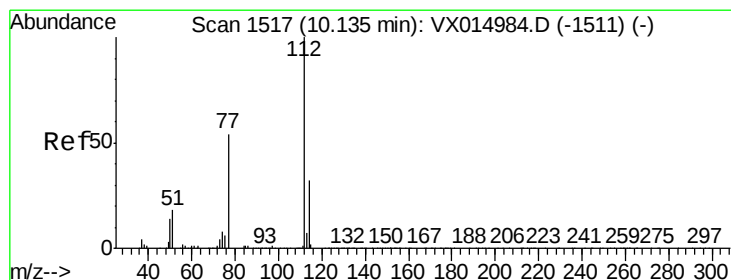
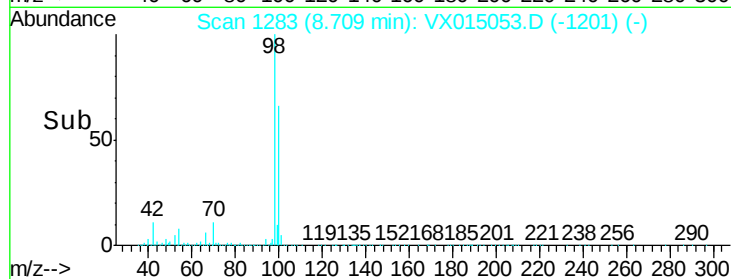
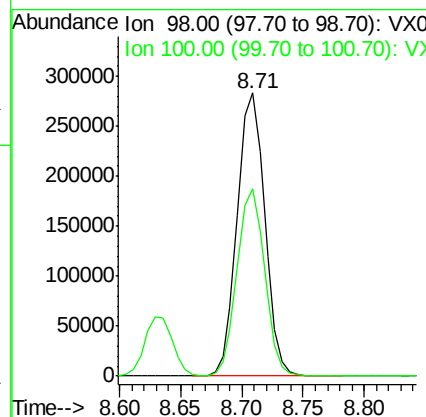
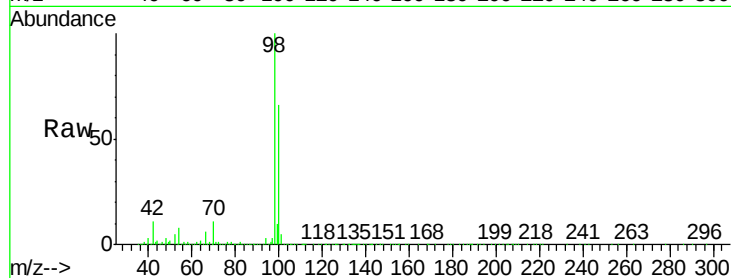
#63
Toluene-d8
Concen: 29.822 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion: 98 Resp: 443871
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2

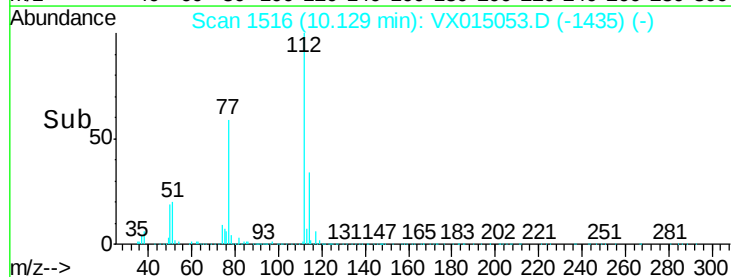
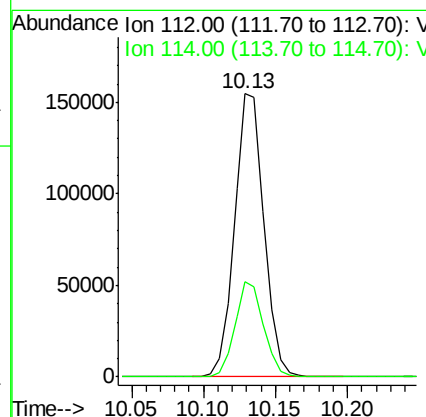
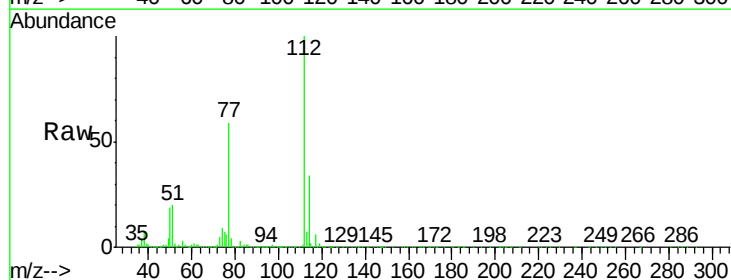
Manual Integrations
APPROVED

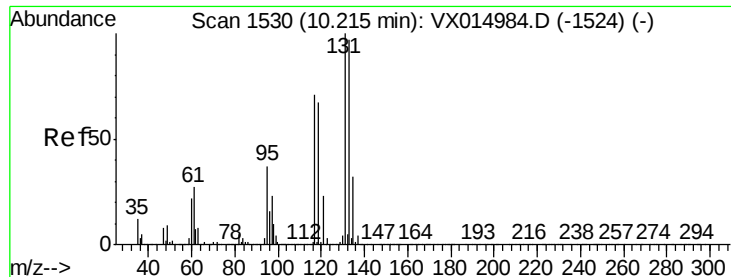
MMDadoda
3/2/2020 11:32:18 AM



#64
Chlorobenzene
Concen: 19.782 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion: 112 Resp: 220743
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.394 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

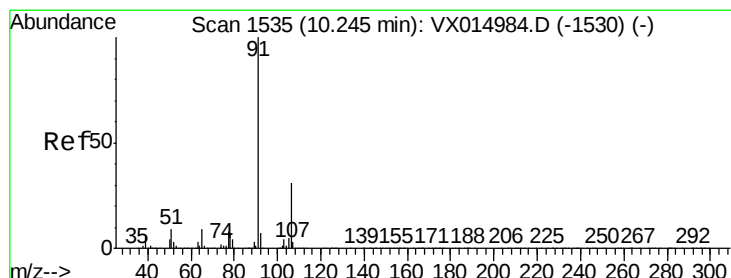
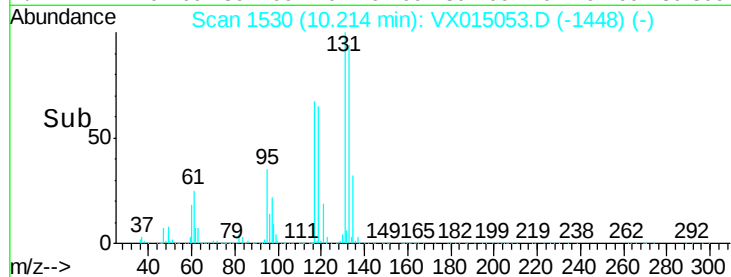
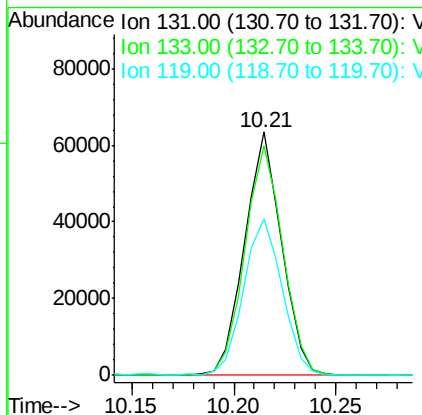
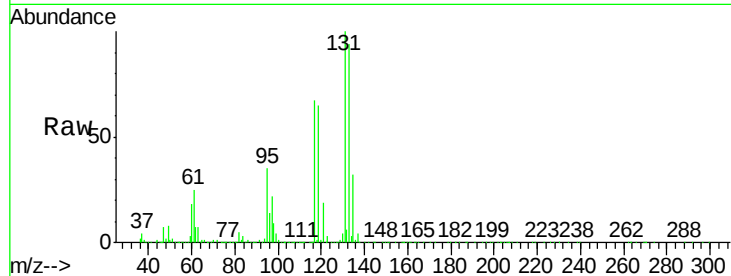
ClientSampleId :

VX0228WBS01

Tot Ion:	131	Resp:	80160
Ion Ratio	Lower	Upper	
131	100		
133	97.4	0.0	191.4
119	66.7	0.0	132.0

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#66

Ethyl Benzene

Concen: 19.927 ug/l

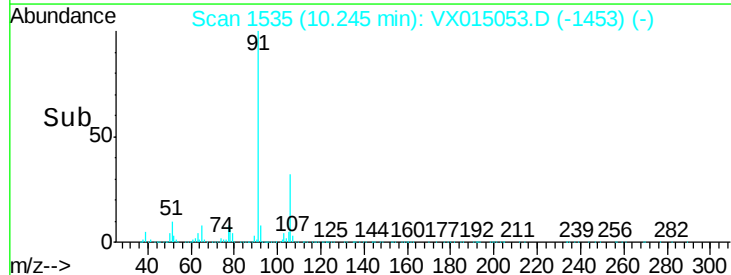
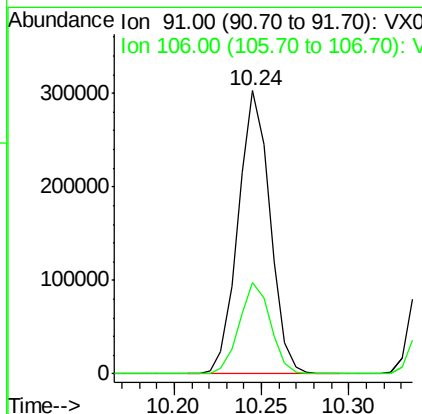
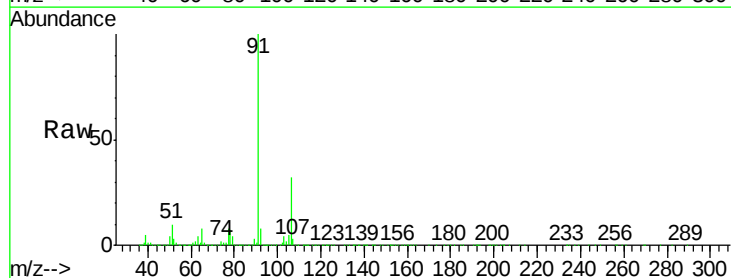
RT: 10.24 min Scan# 1535

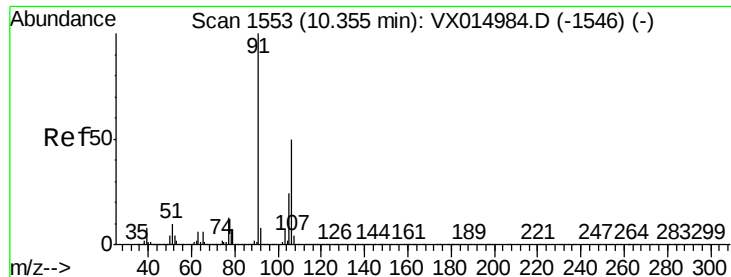
Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	91	Resp:	383746
Ion Ratio	Lower	Upper	
91	100		
106	32.1	24.7	37.1





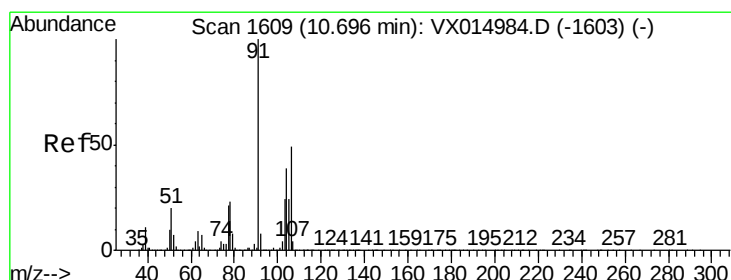
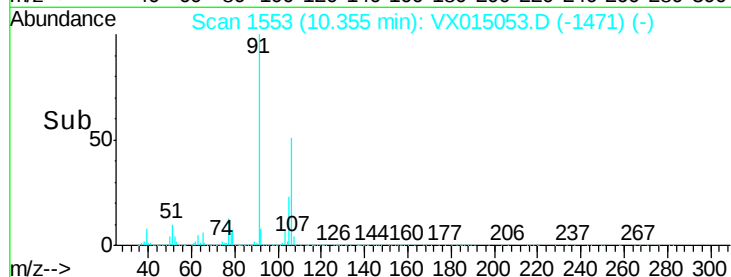
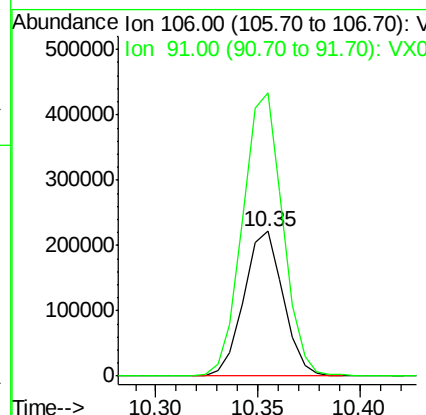
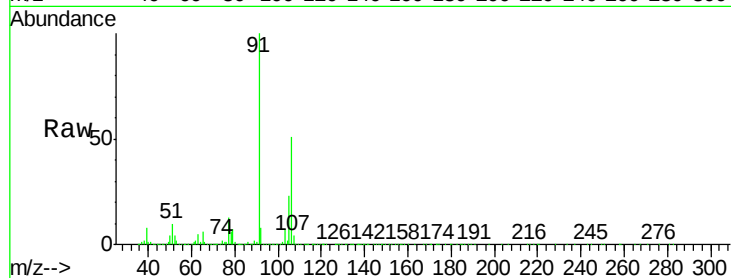
#67
m/p-Xylenes
Concen: 39.888 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.3	160.4	240.6

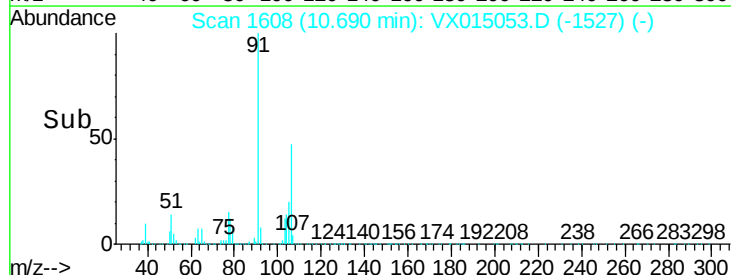
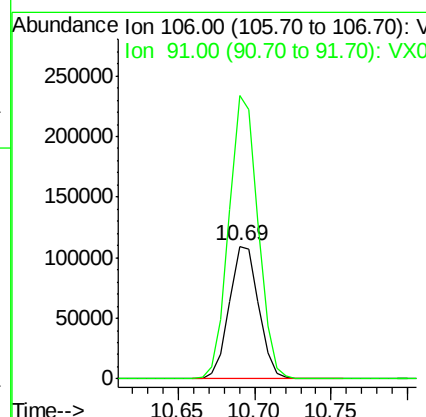
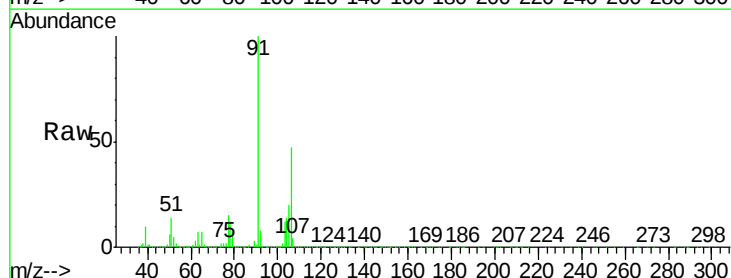
Manual Integrations
APPROVED

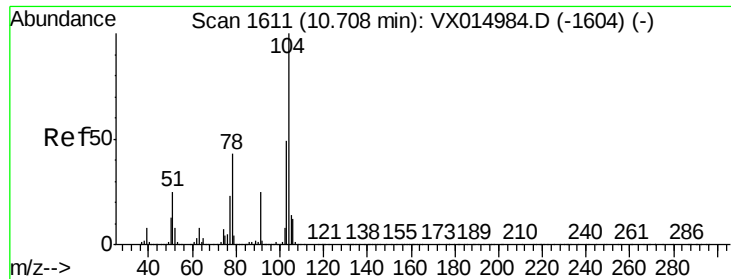
MMDadoda
3/2/2020 11:32:18 AM



#68
o-Xylene
Concen: 20.230 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.3	105.3	315.9





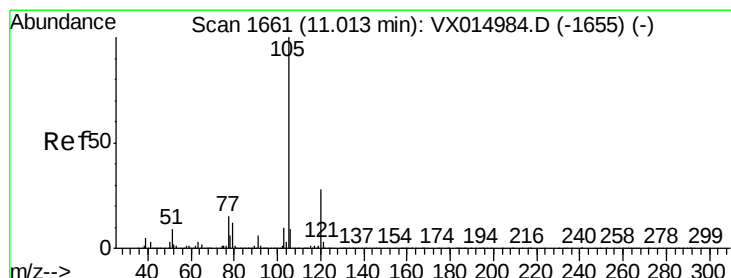
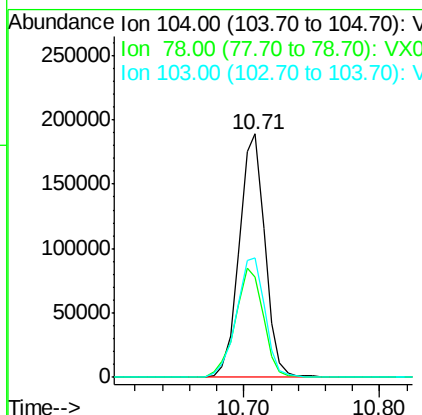
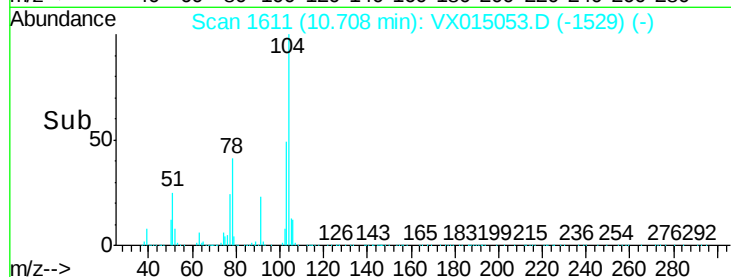
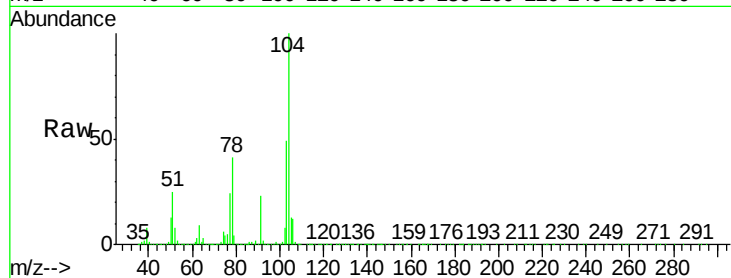
#69
Stvrene
Concen: 20.230 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	248257		
78	48.9	39.4	59.2	
103	54.6	42.9	64.3	

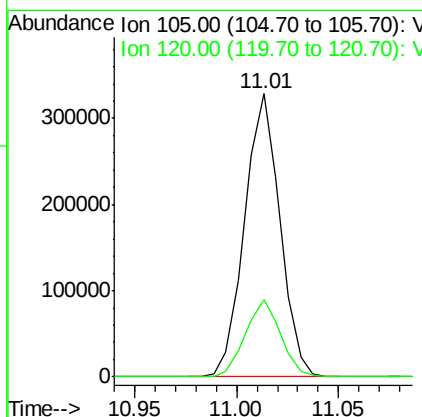
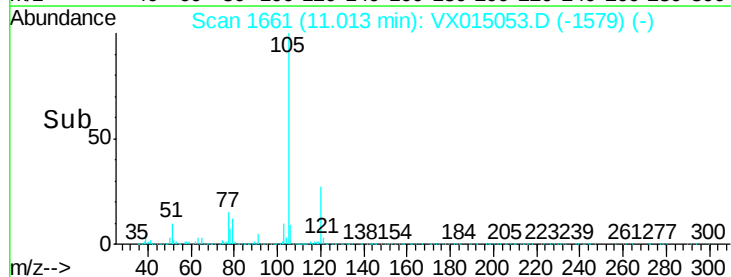
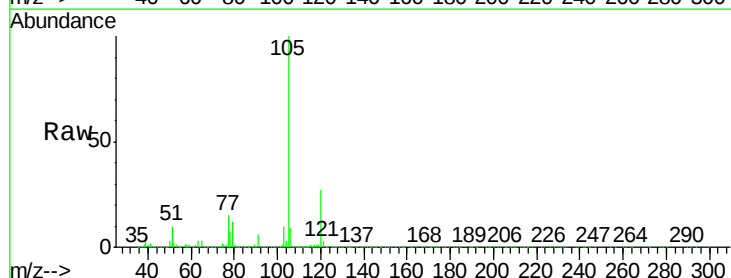
Manual Integrations
APPROVED

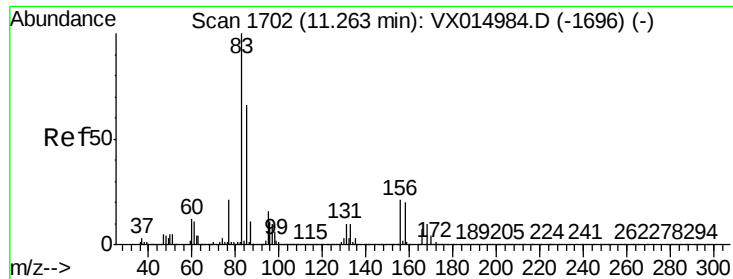
MMDadoda
3/2/2020 11:32:18 AM



#70
Isopropylbenzene
Concen: 20.721 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395483		
120	27.0	18.8	35.0	





#71

1,1,2,2-Tetrachloroethane

Concen: 21.428 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

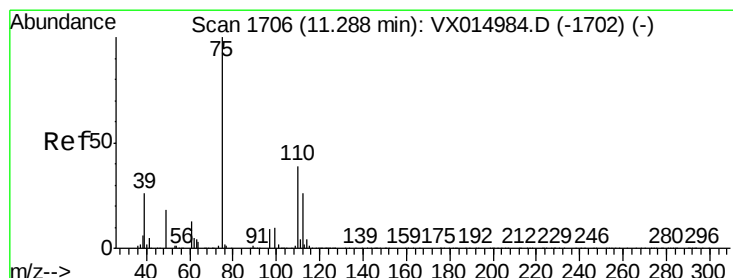
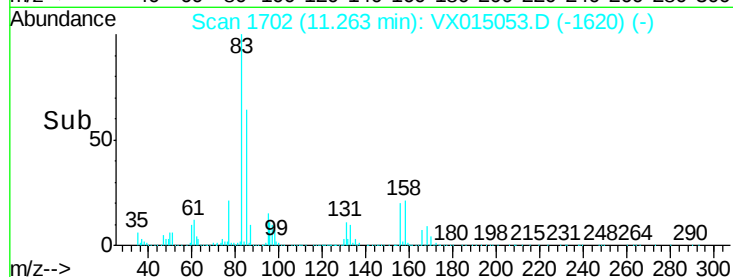
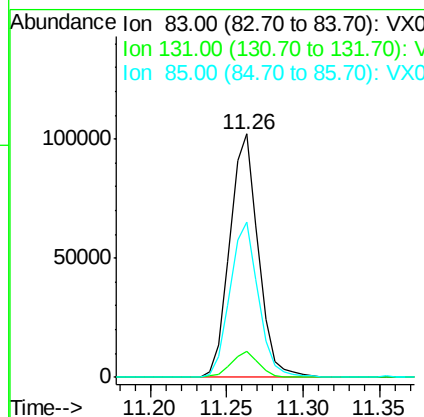
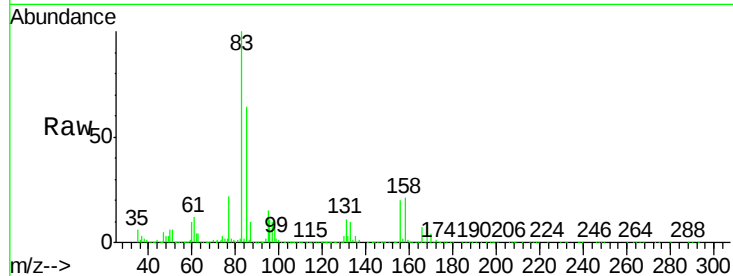
ClientSampled :

VX0228WBS01

Tot Ion:	83	Resp:	131675
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	63.7	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#72

1,2,3-Trichloropropane

Concen: 21.418 ug/l m

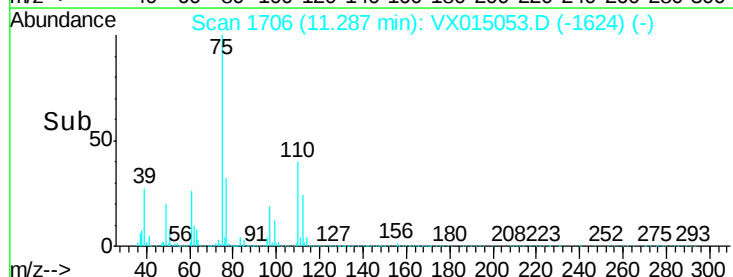
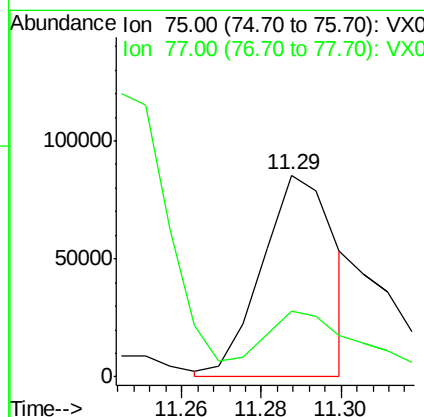
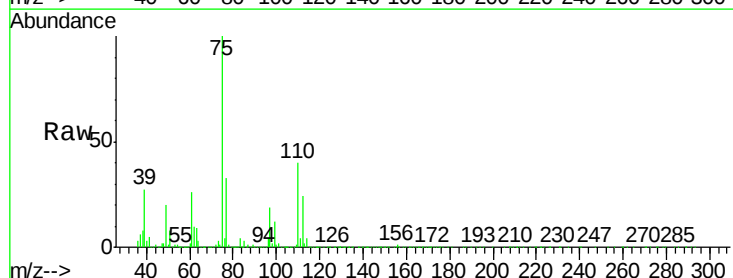
RT: 11.29 min Scan# 1706

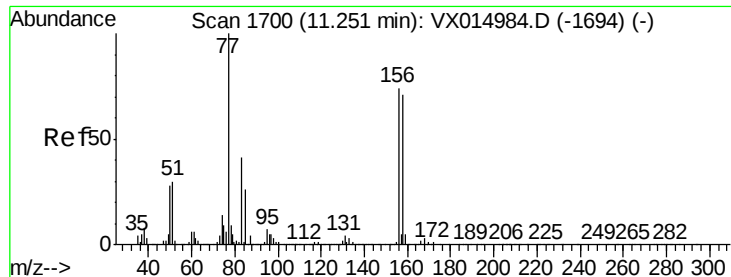
Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	75	Resp:	109172
Ion Ratio	Lower	Upper	
75	100		
77	44.0	0.0	75.4





#73

Bromobenzene

Concen: 20.084 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

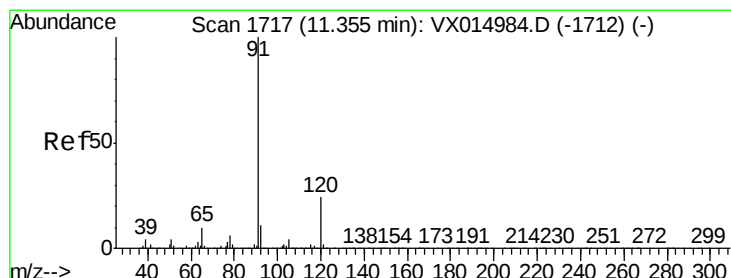
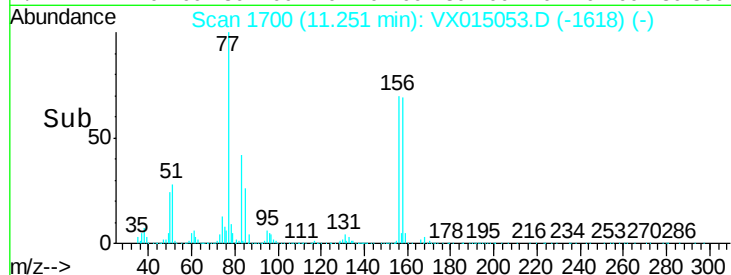
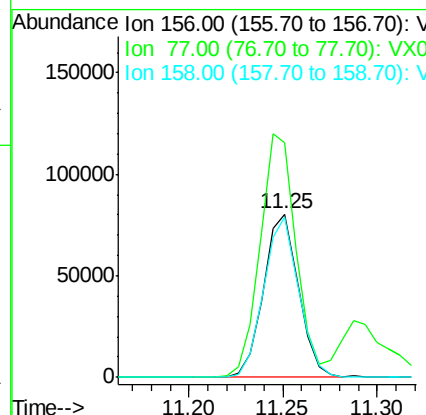
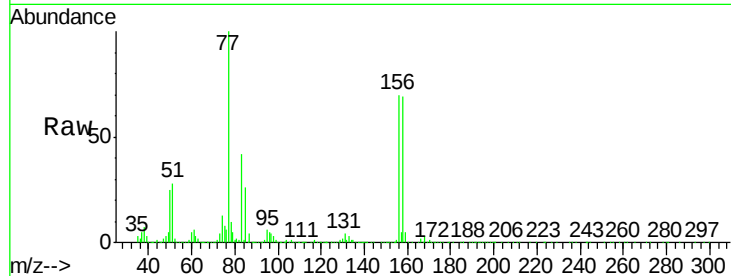
ClientSampleId :

VX0228WBS01

Tot Ion:	156	Resp:	103577
Ion Ratio	Lower	Upper	
156	100		
77	151.4	0.0	286.8
158	98.5	0.0	191.8

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#74

n-propylbenzene

Concen: 21.200 ug/l

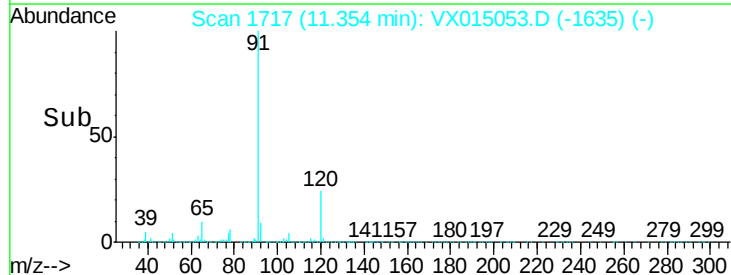
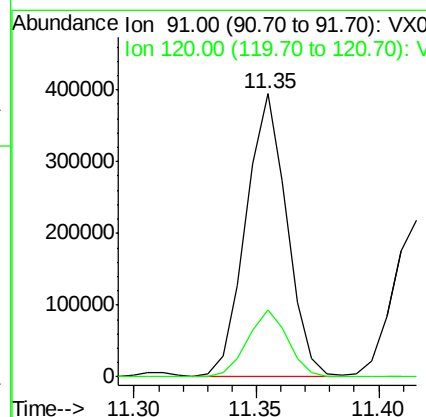
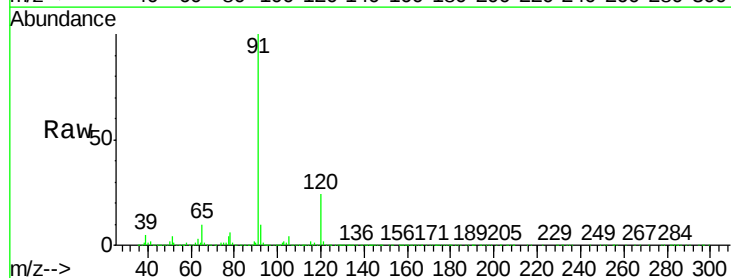
RT: 11.35 min Scan# 1717

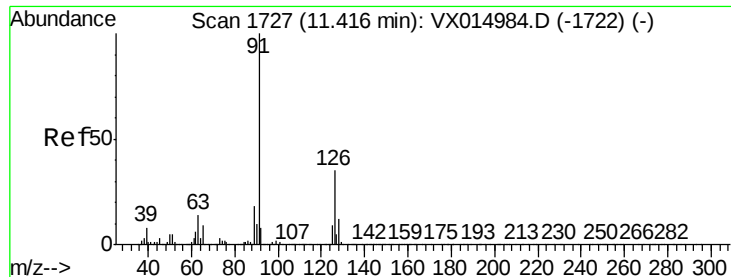
Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	91	Resp:	460506
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	47.0





#75

2-Chlorotoluene

Concen: 21.174 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

Tot Ion: 91 Resp: 271812

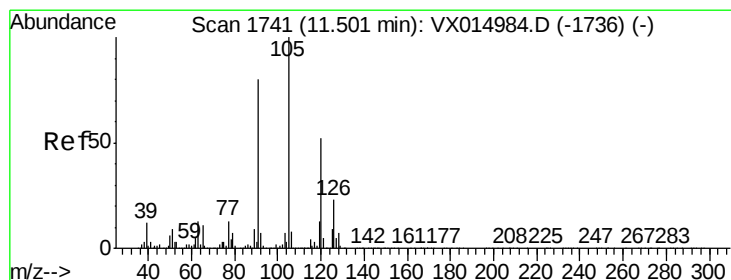
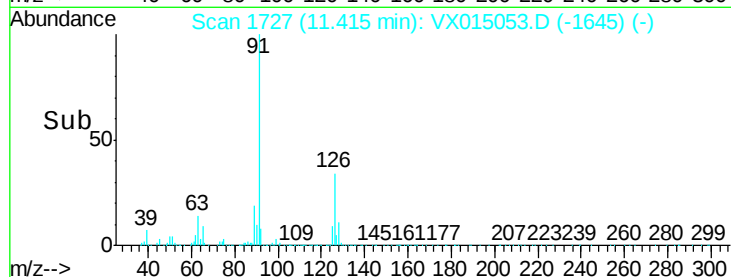
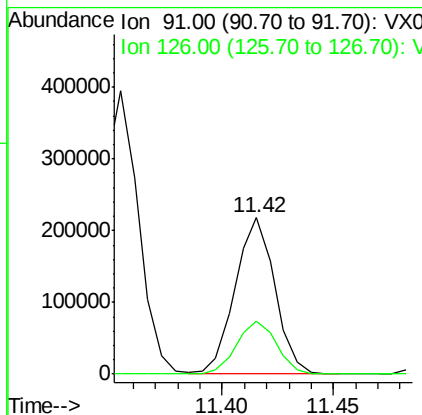
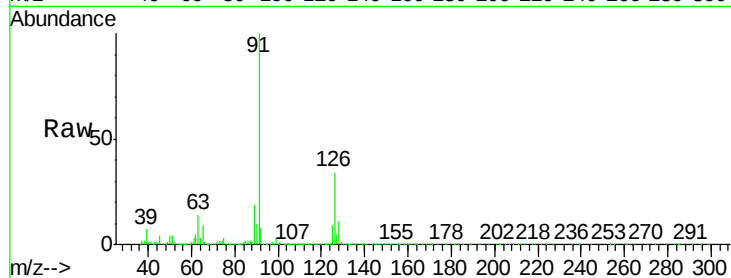
Ion Ratio Lower Upper

91 100

126 34.3 0.0 69.0

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#76

1,3,5-Trimethylbenzene

Concen: 20.547 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015053.D

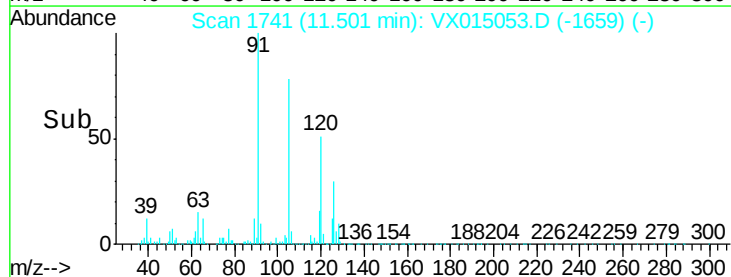
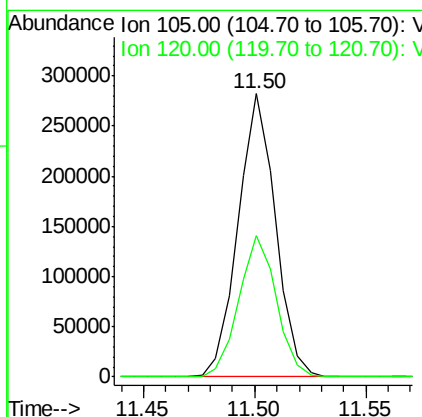
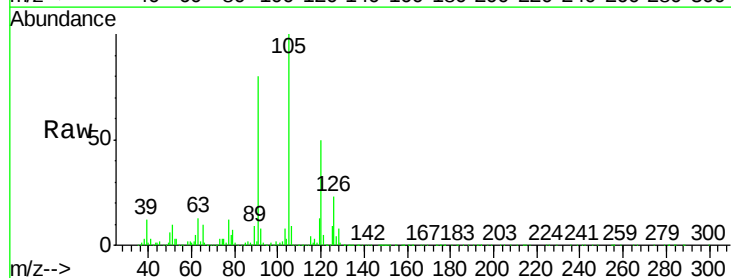
Acq: 28 Feb 2020 10:52

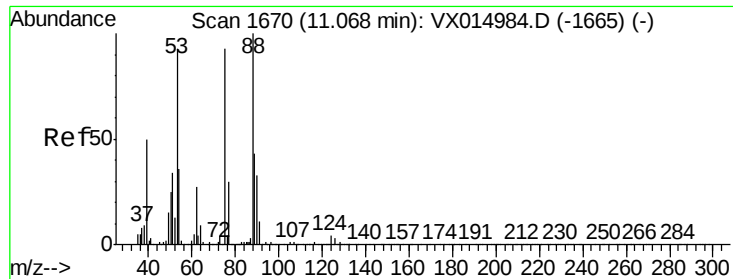
Tgt Ion: 105 Resp: 328657

Ion Ratio Lower Upper

105 100

120 50.3 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.773 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Instrument :

MSVOA_X

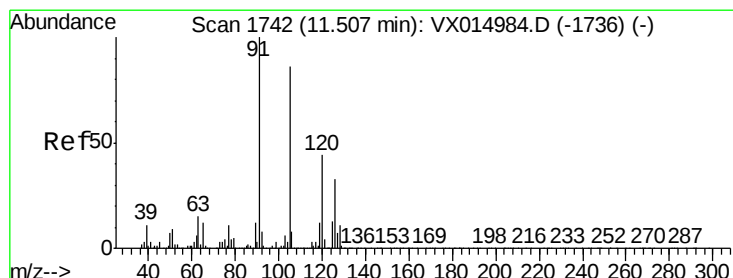
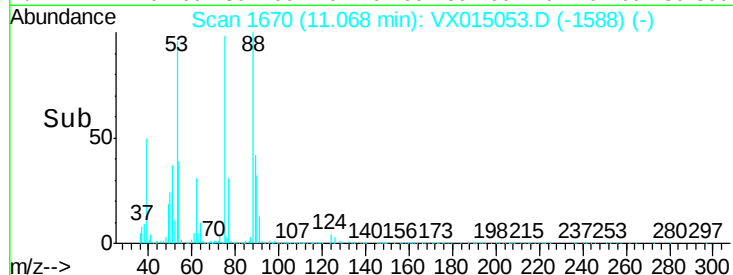
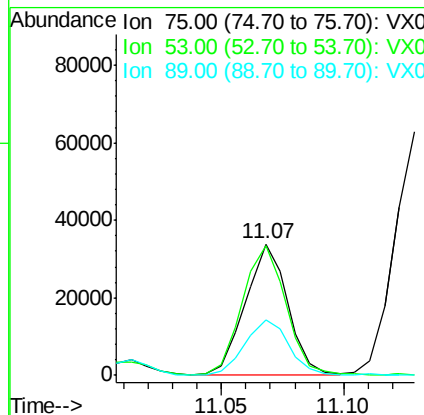
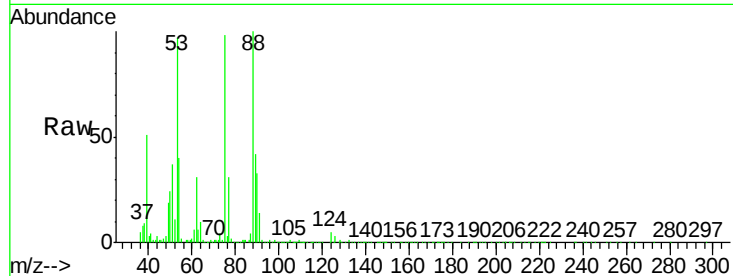
ClientSampleId :

VX0228WBS01

Tot Ion:	75	Resp:	40641
Ion Ratio	Lower	Upper	
75	100		
53	98.6	50.0	149.8
89	42.3	23.5	70.5

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#78

4-Chlorotoluene

Concen: 20.720 ug/l

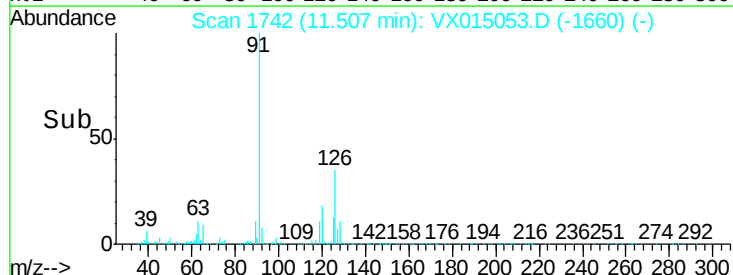
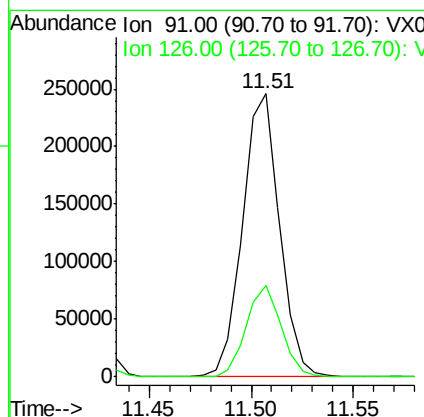
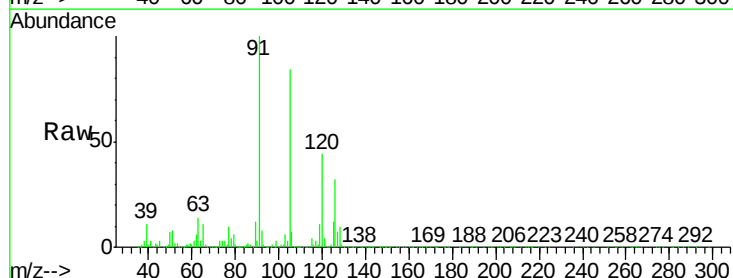
RT: 11.51 min Scan# 1742

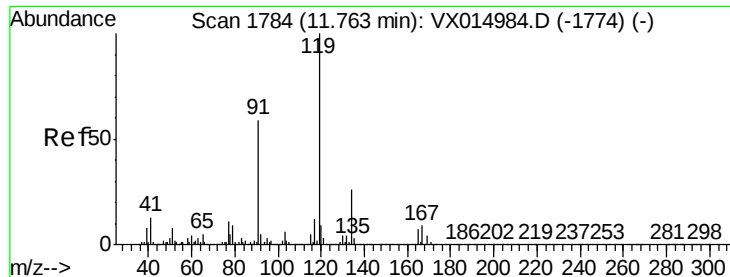
Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion:	91	Resp:	307667
Ion Ratio	Lower	Upper	
91	100		
126	31.0	0.0	62.0





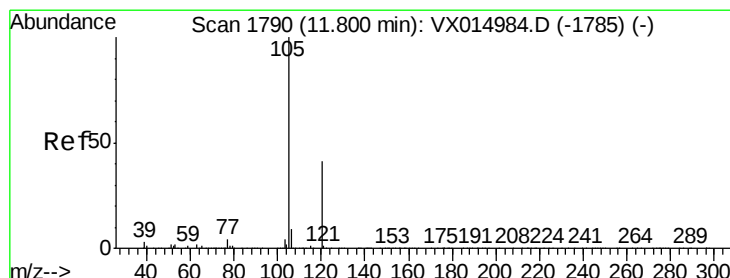
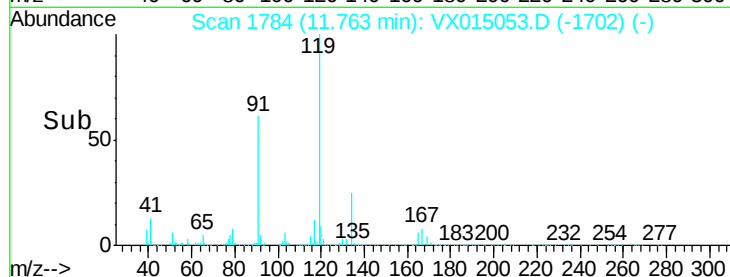
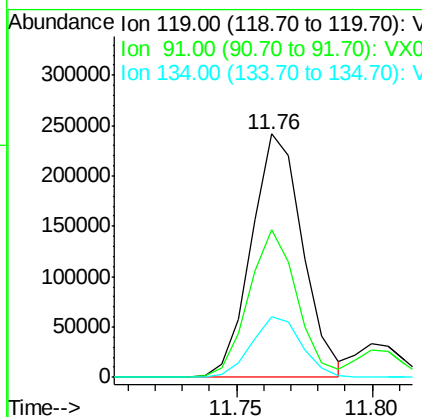
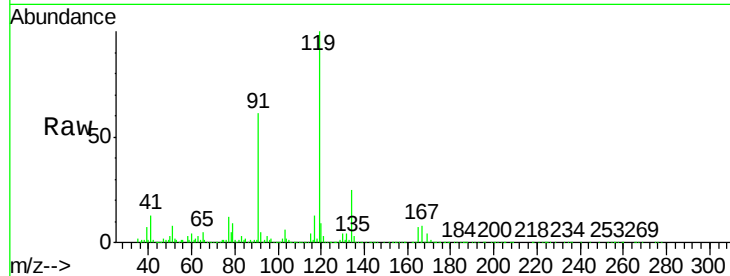
#79
tert-butylbenzene
Concen: 20.477 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	316436		
91	56.9		0.0	114.4
134	24.4		0.0	48.8

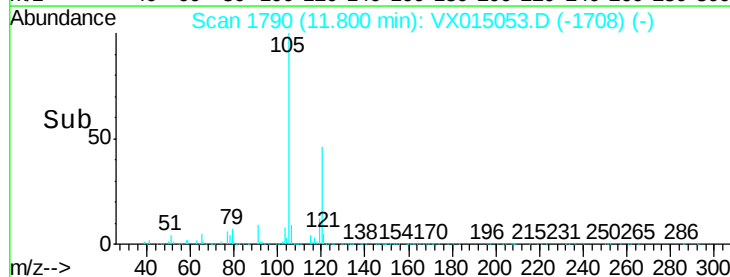
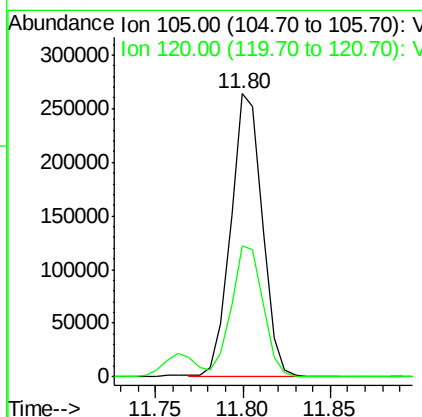
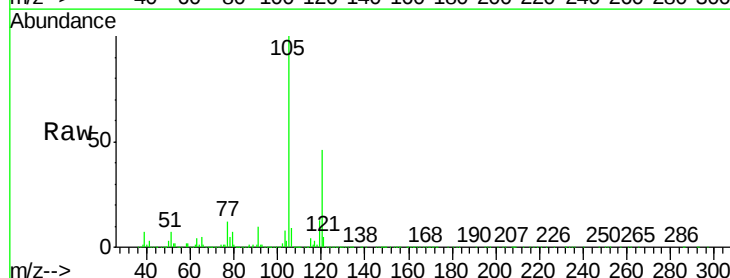
Manual Integrations
APPROVED

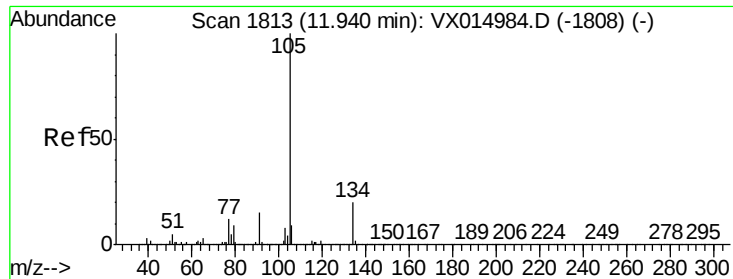
MMDadoda
3/2/2020 11:32:18 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.669 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	328679		
120	46.3		0.0	93.4





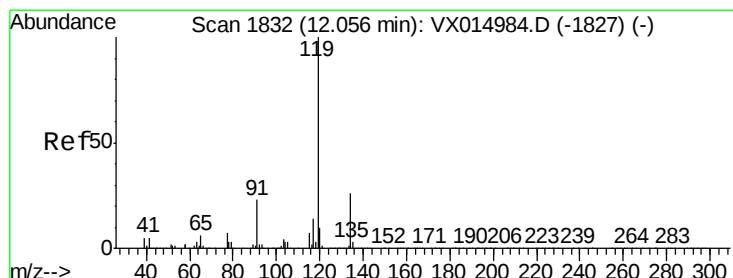
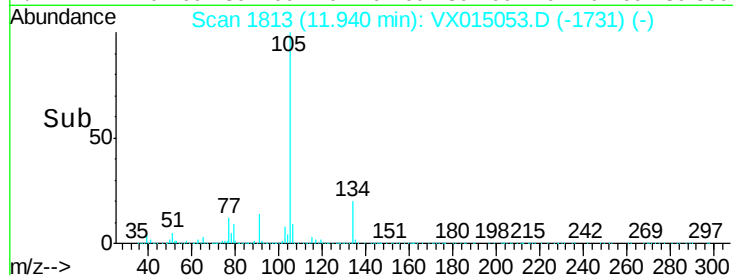
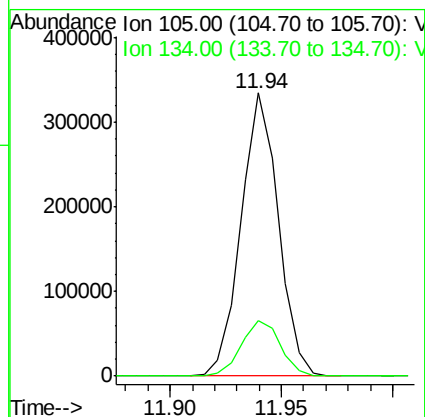
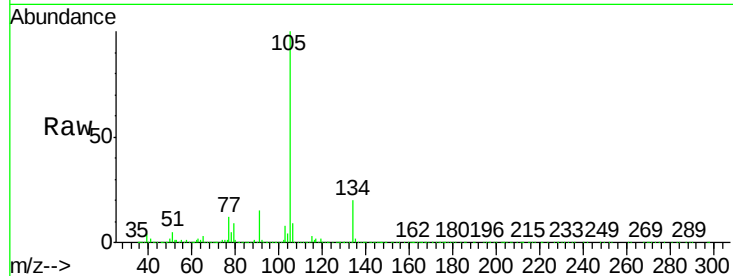
#81
 sec-Butylbenzene
 Concen: 21.080 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	390119		
134	20.5	0.0	40.8	

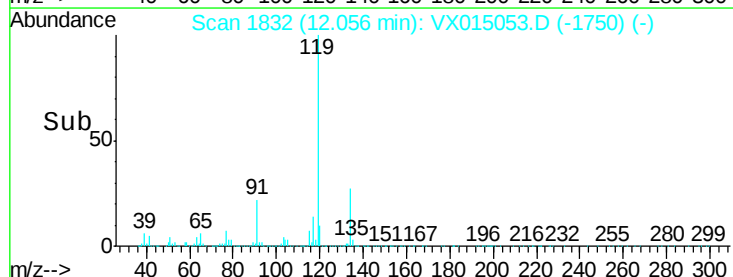
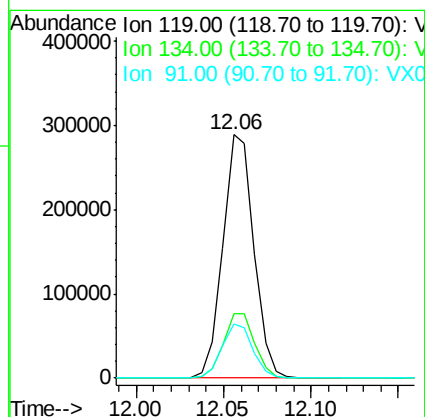
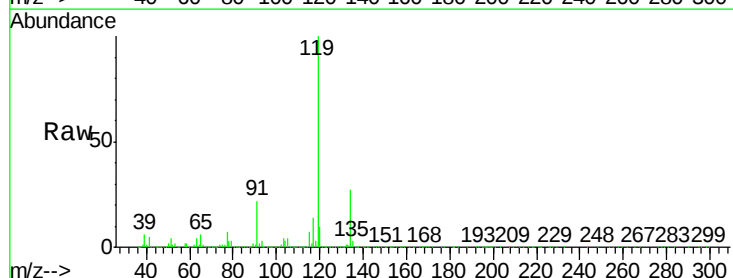
Manual Integrations
 APPROVED

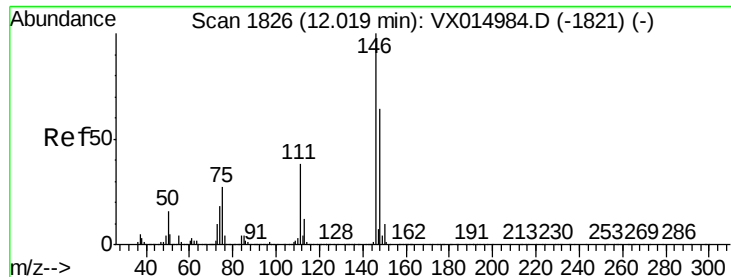
MMDadoda
 3/2/2020 11:32:18 AM



#82
 p-Isopropyltoluene
 Concen: 20.622 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	354558		
134	27.0	0.0	53.2	
91	22.1	0.0	44.6	





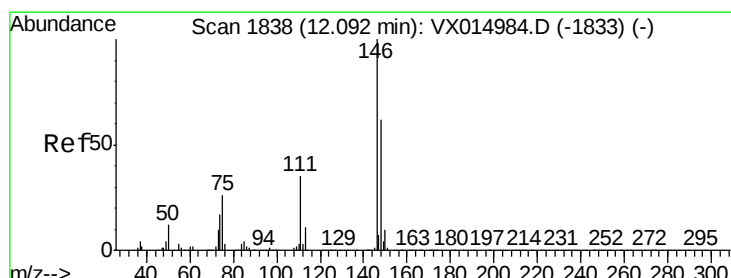
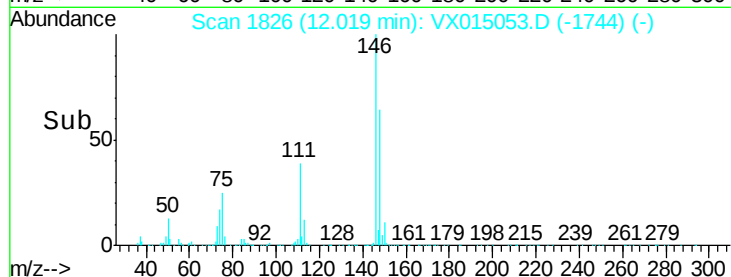
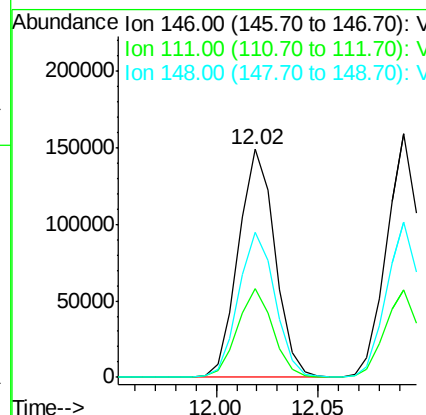
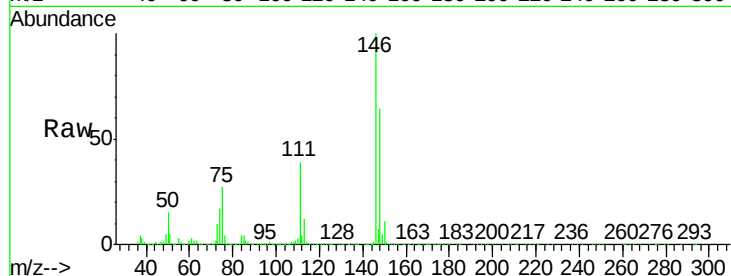
#83
 1,3-Dichlorobenzene
 Concen: 20.454 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	64.1	32.3	96.9

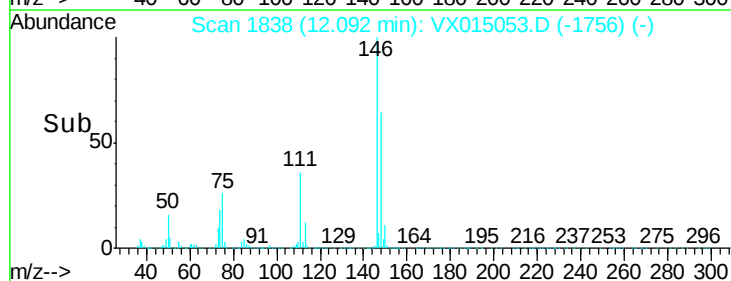
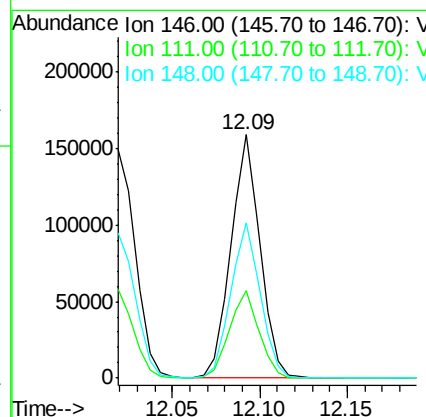
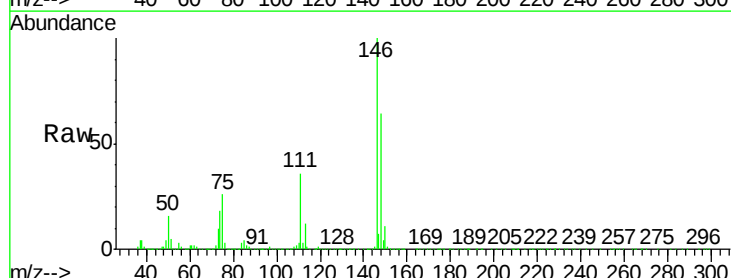
Manual Integrations
 APPROVED

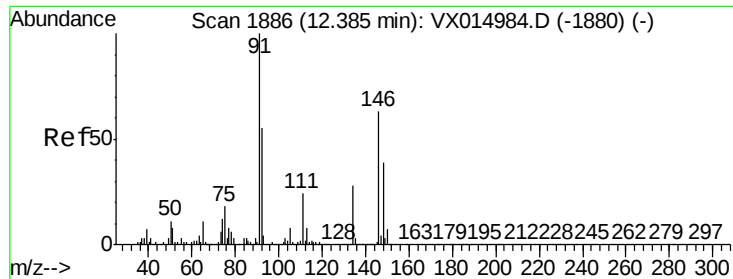
MMDadoda
 3/2/2020 11:32:18 AM



#84
 1,4-Dichlorobenzene
 Concen: 20.227 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015053.D
 Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.8	53.5
148	64.9	31.4	94.2





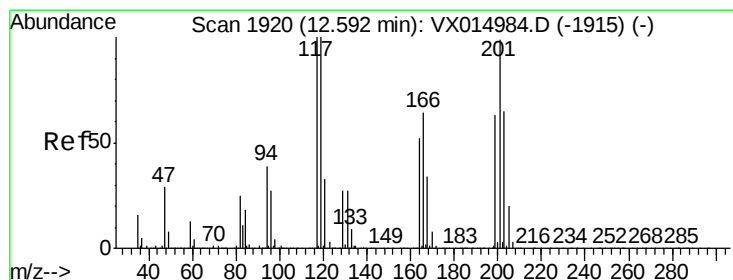
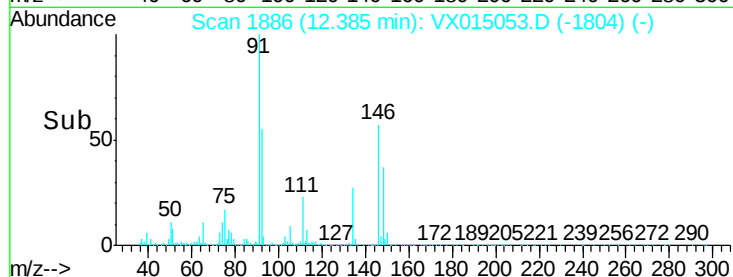
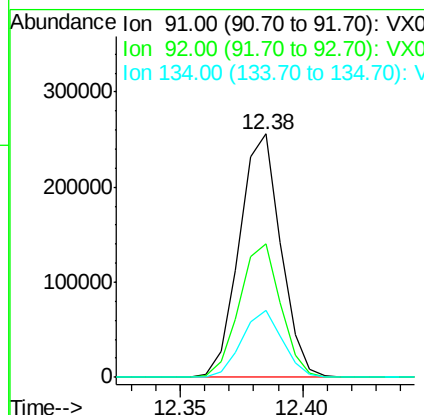
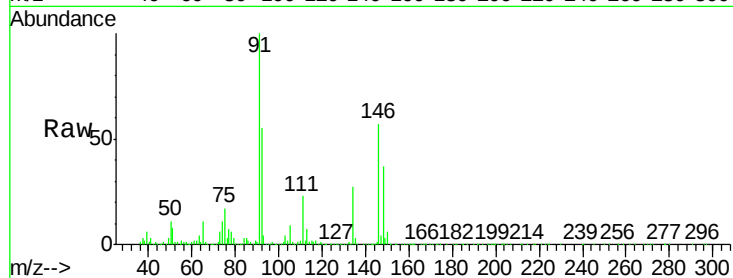
#85
n-Butylbenzene
Concen: 20.296 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	303649		
92	54.6	0.0	109.8	
134	27.0	0.0	54.8	

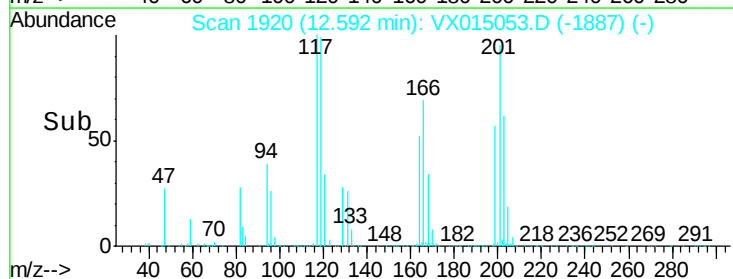
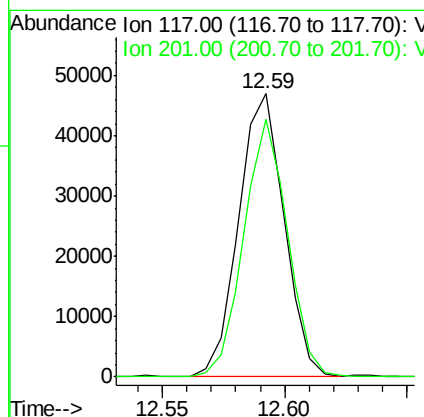
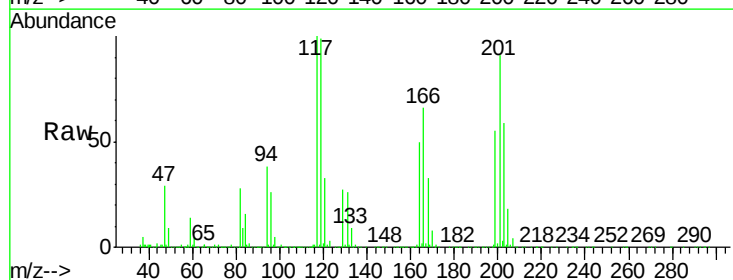
Manual Integrations
APPROVED

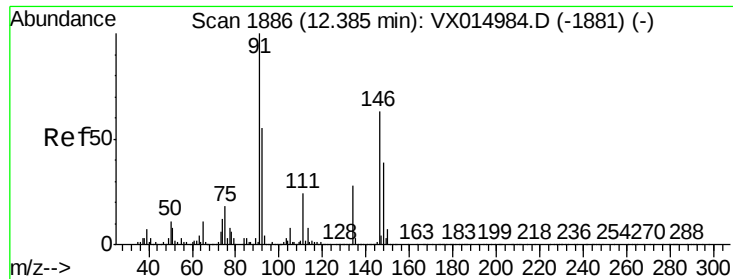
MMDadoda
3/2/2020 11:32:18 AM



#86
Hexachloroethane
Concen: 19.499 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60596		
201	87.8	45.6	136.7	





#87

1,2-Dichlorobenzene

Concen: 20.230 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

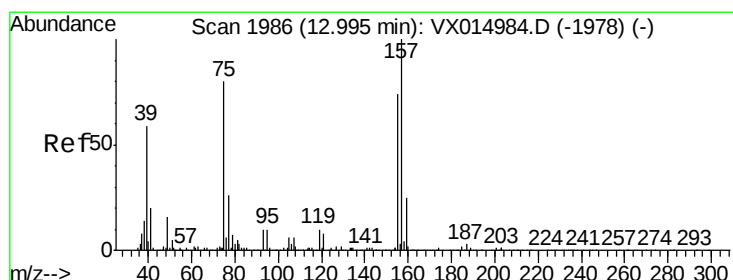
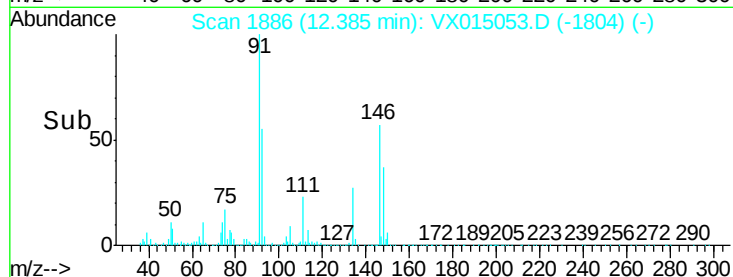
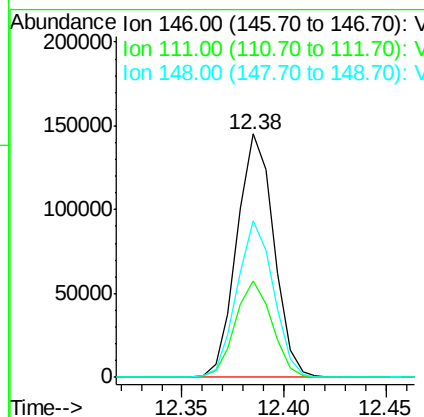
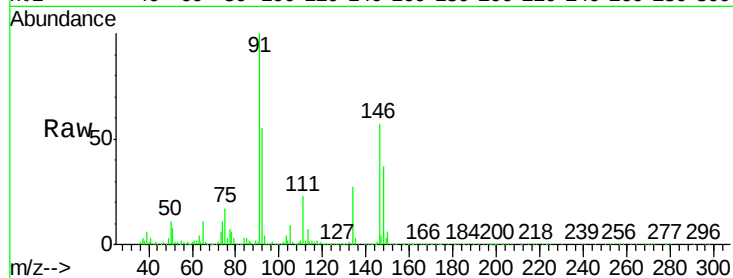
Instrument :
MSVOA_X

ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	39.6	19.7	59.1
148	64.0	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.461 ug/l

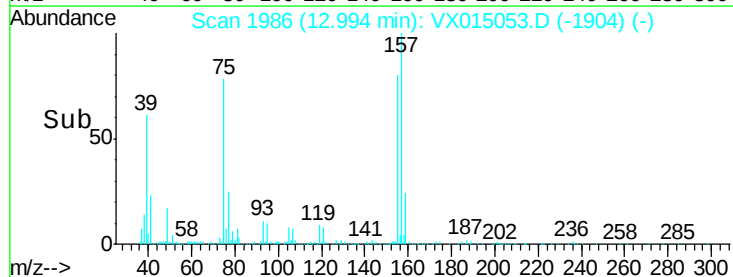
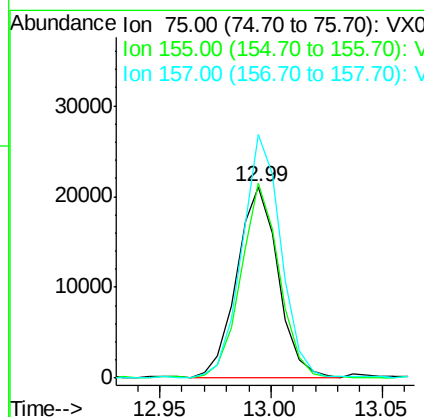
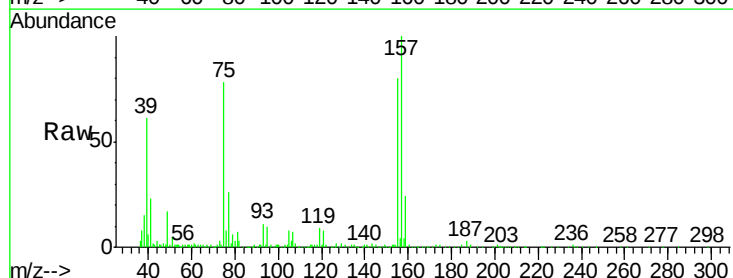
RT: 12.99 min Scan# 1986

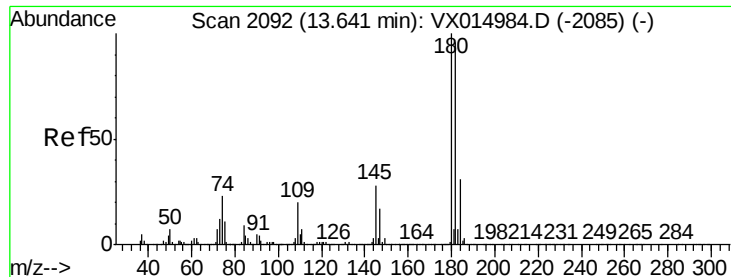
Delta R.T. -0.00 min

Lab File: VX015053.D

Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
155	93.7	74.5	111.7
157	120.0	96.2	144.4





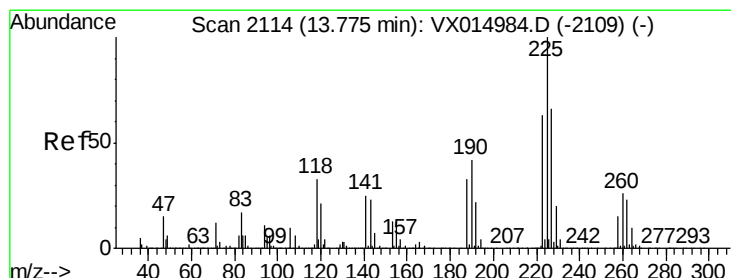
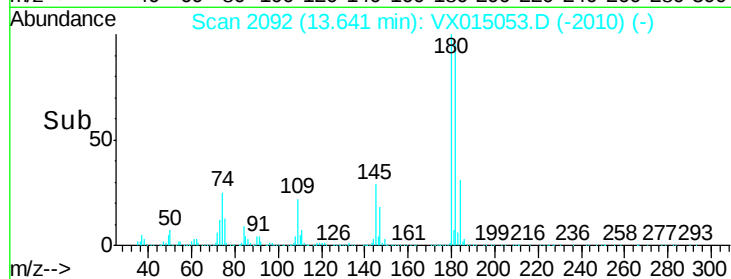
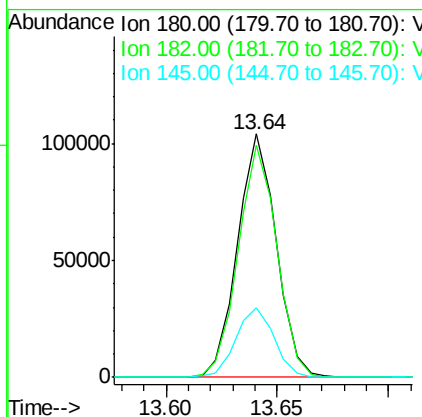
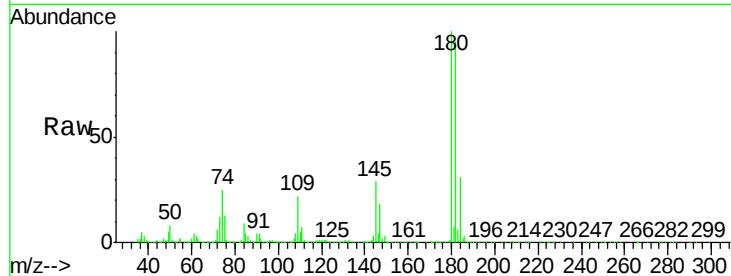
#89
1,2,4-Trichlorobenzene
Concen: 19.423 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125652		
182	95.4	76.4	114.6	
145	28.2	21.8	32.6	

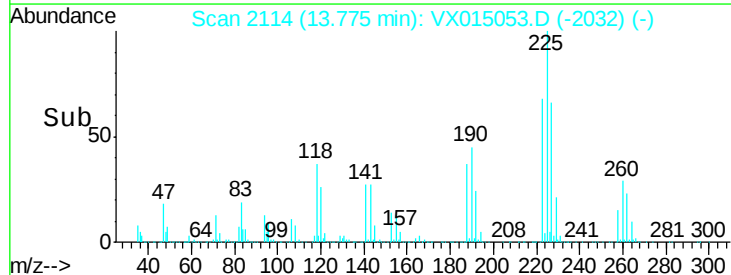
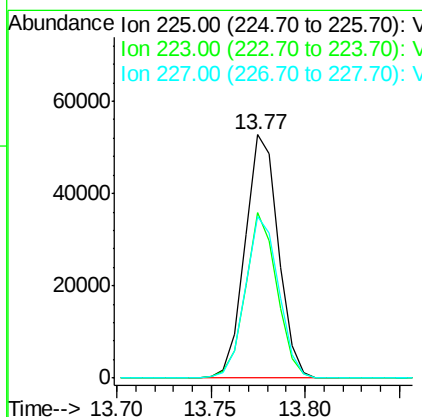
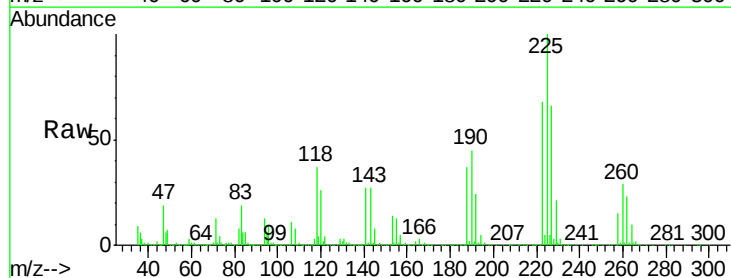
Manual Integrations
APPROVED

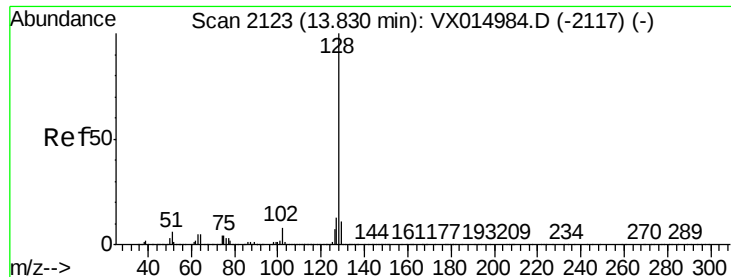
MMDadoda
3/2/2020 11:32:18 AM



#90
Hexachlorobutadiene
Concen: 20.139 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64702		
223	64.5	0.0	132.0	
227	66.5	0.0	131.0	





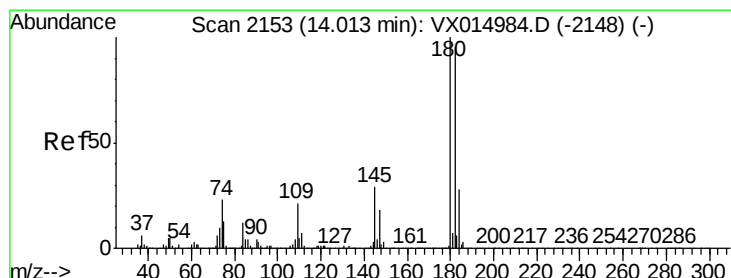
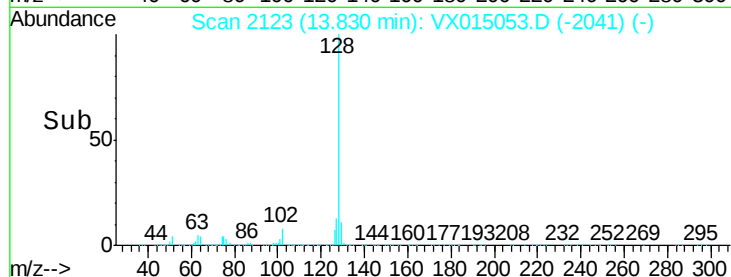
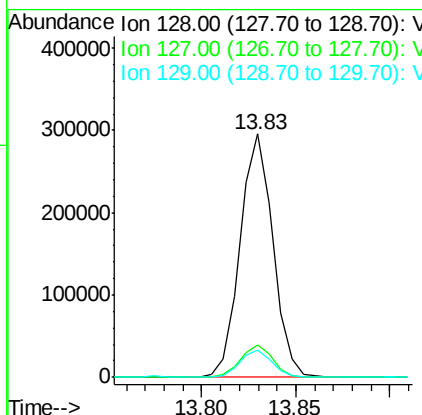
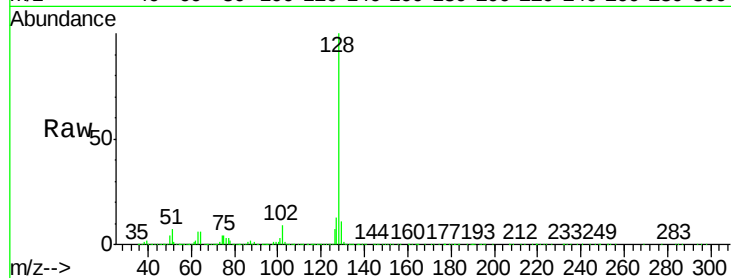
#91
Naphthalene
Concen: 19.518 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	357475		
127	13.1	10.2	15.4	
129	11.0	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
3/2/2020 11:32:18 AM



#92
1,2,3-Trichlorobenzene
Concen: 20.051 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015053.D
Acq: 28 Feb 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128784		
182	95.5	0.0	192.4	
145	29.8	0.0	60.4	

