

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013103.D
 Acq On : 17 Oct 2019 13:38
 Operator : JC/SP
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:31 AM

Quant Time: Oct 18 08:50:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	102720	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.48	113	81667	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	8.71	98	304487	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	115436	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	28268	17.141	ug/l	99
3) Chloromethane	1.32	50	30263	16.862	ug/l	97
4) Vinyl Chloride	1.40	62	30464	16.445	ug/l	98
5) Bromomethane	1.63	94	15792	20.507	ug/l	98
6) Chloroethane	1.72	64	20477	18.331	ug/l	98
7) Trichlorofluoromethane	1.92	101	47940	19.173	ug/l	99
8) Diethyl Ether	2.18	74	19167	18.992	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31654	19.561	ug/l	99
10) Methyl Iodide	2.50	142	29591	19.582	ug/l	98
11) Tert butyl alcohol	3.03	59	47522	88.651	ug/l	100
12) 1,1-Dichloroethene	2.36	96	29816	18.236	ug/l	97
13) Acrolein	2.28	56	36304	95.298	ug/l	99
14) Allyl chloride	2.72	41	52117	17.899	ug/l	98
15) Acrylonitrile	3.13	53	100701	99.128	ug/l	99
16) Acetone	2.44	43	102421	96.090	ug/l	99
17) Carbon Disulfide	2.56	76	68545	14.703	ug/l	100
18) Methyl Acetate	2.76	43	49033	19.408	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	114654	20.307	ug/l	96
20) Methylene Chloride	2.85	84	36553	18.660	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	32543	18.571	ug/l	96
22) Diisopropyl ether	3.84	45	107973	19.352	ug/l #	88
23) Vinyl Acetate	3.80	43	461068	95.728	ug/l	100
24) 1,1-Dichloroethane	3.69	63	61240	19.511	ug/l	98
25) 2-Butanone	4.65	43	141402	95.622	ug/l	99
26) 2,2-Dichloropropane	4.57	77	51938	19.678	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	38623	19.121	ug/l	99
28) Bromochloromethane	5.00	49	19324	20.335	ug/l	92
29) Tetrahydrofuran	5.12	42	86736	95.316	ug/l	97
30) Chloroform	5.20	83	64471	20.018	ug/l	98
31) Cyclohexane	5.57	56	52236	17.798	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	54918	20.125	ug/l	99
36) 1,1-Dichloropropene	5.79	75	43802	18.805	ug/l	97
37) Ethyl Acetate	4.82	43	50101	19.236	ug/l	99
38) Carbon Tetrachloride	5.77	117	44932	19.819	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013103.D
 Acq On : 17 Oct 2019 13:38
 Operator : JC/SP
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1017WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:31 AM

Quant Time: Oct 18 08:50:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	54541	19.308	ug/l	99
40) Benzene	6.13	78	138859	20.184	ug/l	98
41) Methacrylonitrile	5.03	41	29345	20.504	ug/l	98
42) 1,2-Dichloroethane	6.18	62	51723	20.953	ug/l	99
43) Isopropyl Acetate	6.43	43	83334	19.934	ug/l	99
44) Trichloroethene	7.20	130	36268	19.011	ug/l	88
45) 1,2-Dichloropropane	7.51	63	35724	20.375	ug/l	98
46) Dibromomethane	7.65	93	24142	20.666	ug/l	98
47) Bromodichloromethane	7.89	83	46901	20.573	ug/l	98
48) Methyl methacrylate	7.76	41	39566	19.422	ug/l	98
49) 1,4-Dioxane	7.73	88	20259	392.663	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	264313	101.410	ug/l	99
52) Toluene	8.78	92	87577	19.898	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	50157	19.034	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	56389	20.111	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36447	20.926	ug/l	91
56) Ethyl methacrylate	9.17	69	57423	19.568	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61425	20.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	131364	102.666	ug/l	99
59) 2-Hexanone	9.48	43	204008	100.551	ug/l	100
60) Dibromochloromethane	9.57	129	35899	19.690	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38463	20.992	ug/l	100
64) Tetrachloroethene	9.33	164	34576	20.909	ug/l	95
65) Chlorobenzene	10.14	112	94703	20.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	35030	21.339	ug/l	100
67) Ethyl Benzene	10.25	91	165946	19.732	ug/l	98
68) m/p-Xylenes	10.35	106	126718	40.334	ug/l	99
69) o-Xylene	10.70	106	61670	20.129	ug/l	99
70) Styrene	10.71	104	105964	20.345	ug/l	99
71) Bromoform	10.85	173	23859	19.125	ug/l #	99
73) Isopropylbenzene	11.01	105	164798	19.591	ug/l	99
74) N-amyl acetate	10.89	43	67754	18.702	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	56011	20.019	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	51311m	20.219	ug/l	
77) Bromobenzene	11.25	156	38671	19.508	ug/l	99
78) n-propylbenzene	11.35	91	184852	19.970	ug/l	99
79) 2-Chlorotoluene	11.42	91	115814	19.909	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	139199	19.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15641	18.639	ug/l	94
82) 4-Chlorotoluene	11.51	91	130055	19.505	ug/l	98
83) tert-Butylbenzene	11.76	119	135205	19.733	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	138633	19.488	ug/l	98
85) sec-Butylbenzene	11.94	105	157324	19.819	ug/l	100
86) p-Isopropyltoluene	12.06	119	145751	19.797	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70190	19.068	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	72572	19.466	ug/l	99
89) n-Butylbenzene	12.39	91	120046	19.401	ug/l	99
90) Hexachloroethane	12.59	117	23073	18.322	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	71961	19.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12581	19.185	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
Data File : VX013103.D
Acq On : 17 Oct 2019 13:38
Operator : JC/SP
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

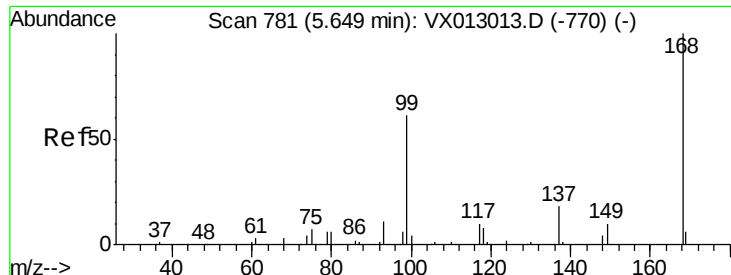
Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM

Quant Time: Oct 18 08:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	42928	18.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	21464	20.573	ug/l	97
95) Naphthalene	13.83	128	153493	19.587	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44380	18.997	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion:168 Resp: 161790

Ion Ratio Lower Upper

168 100

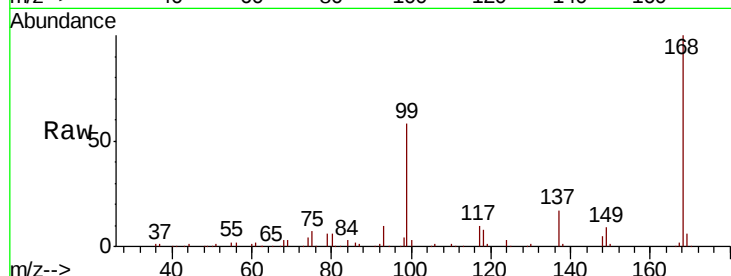
99 58.0 49.4 74.0

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

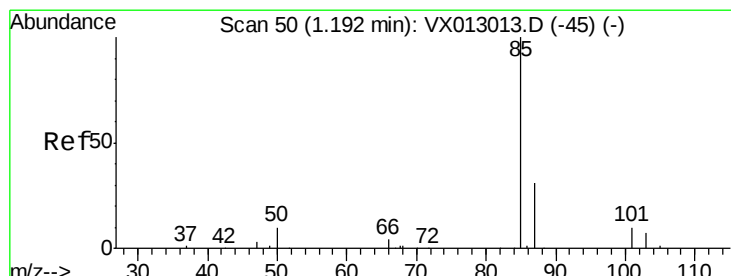
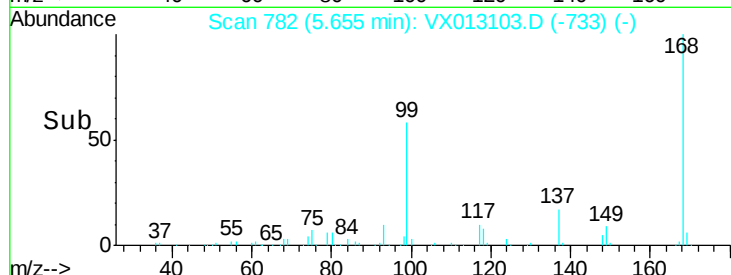
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.141 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013103.D

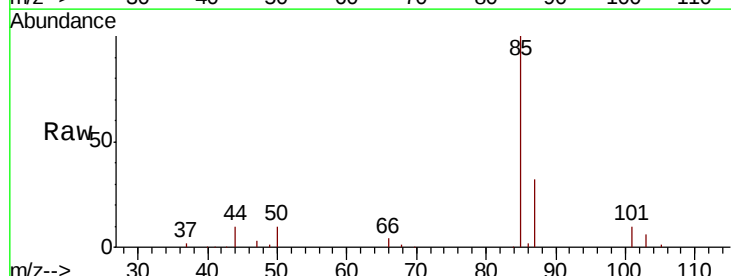
Acq: 17 Oct 2019 13:38

Tgt Ion: 85 Resp: 28268

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

15000

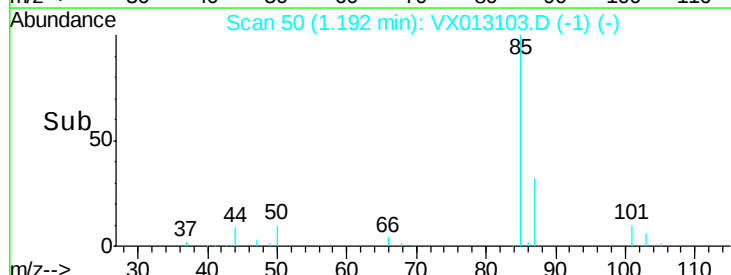
10000

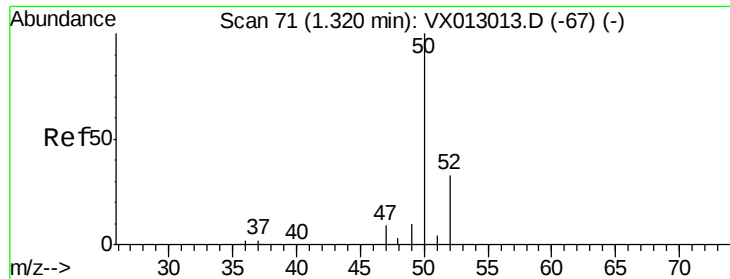
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.862 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 50 Resp: 30263

Ion Ratio Lower Upper

50 100

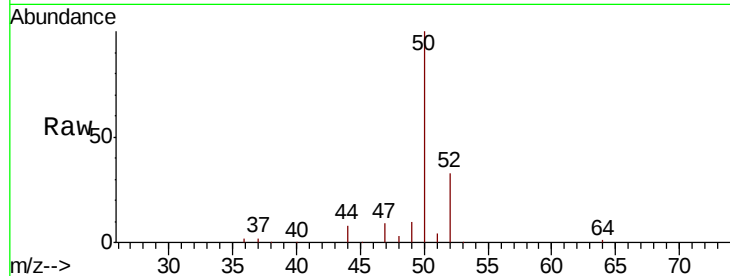
52 33.0 25.2 37.8

Manual Integrations

APPROVED

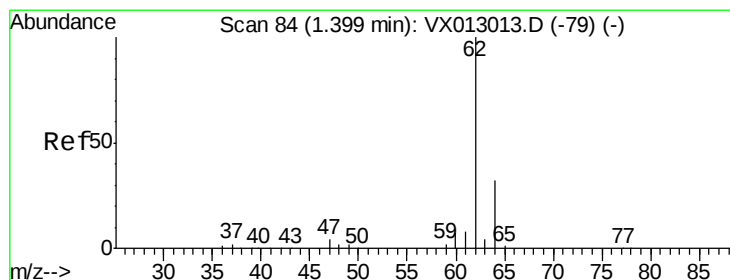
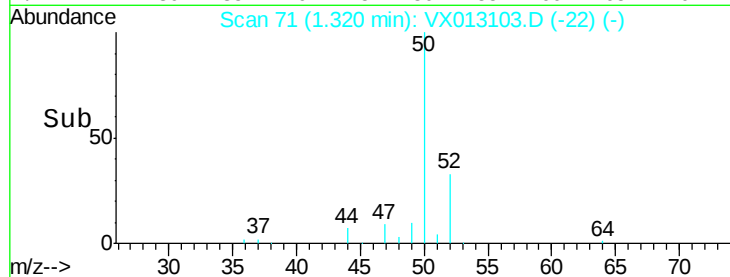
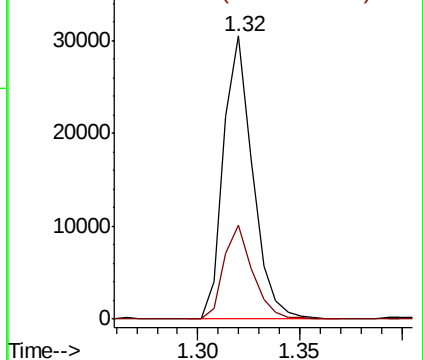
MMDadoda

10/18/2019 10:05:31 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.445 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013103.D

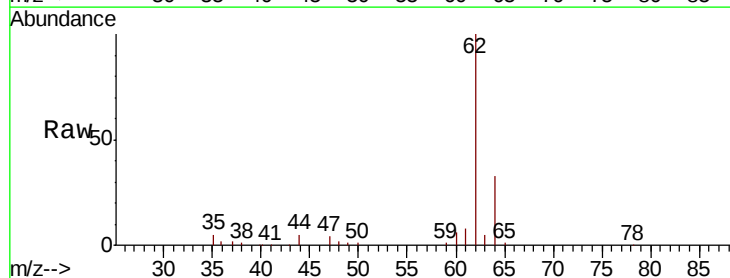
Acq: 17 Oct 2019 13:38

Tgt Ion: 62 Resp: 30464

Ion Ratio Lower Upper

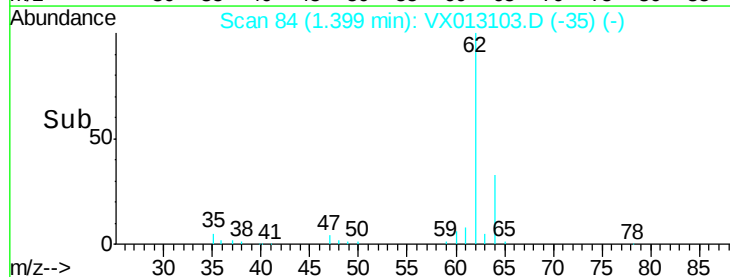
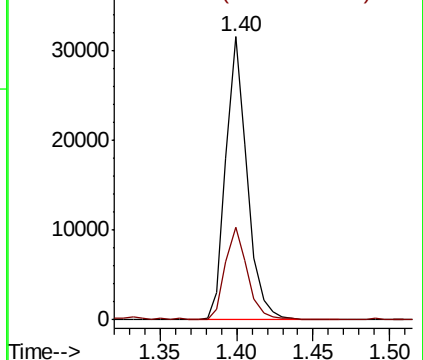
62 100

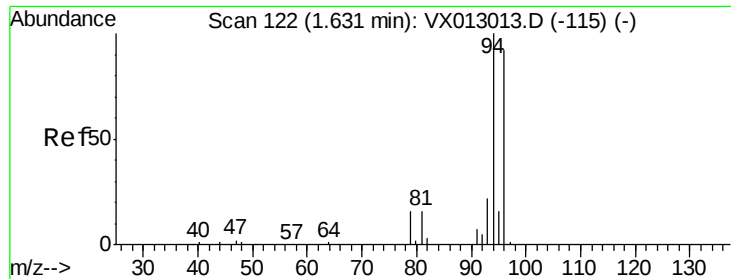
64 32.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.507 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 94 Resp: 15792

Ion Ratio Lower Upper

94 100

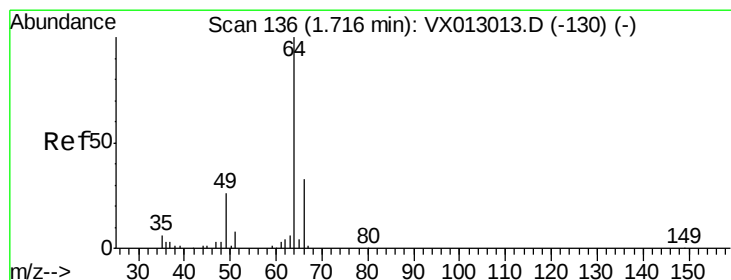
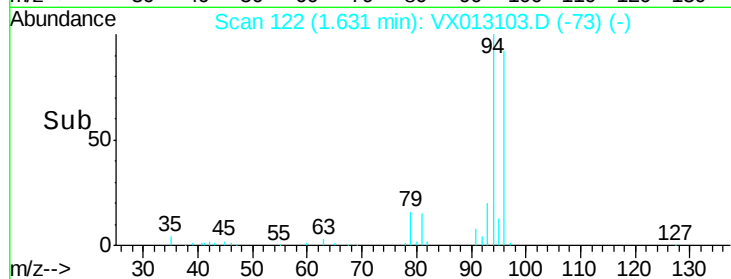
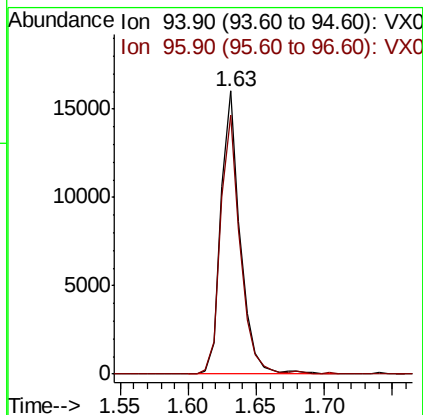
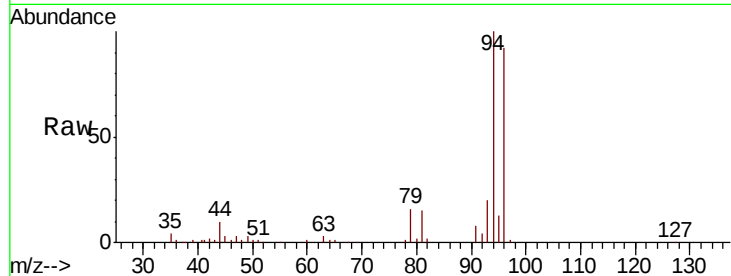
96 91.5 74.7 112.1

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



#6

Chloroethane

Concen: 18.331 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013103.D

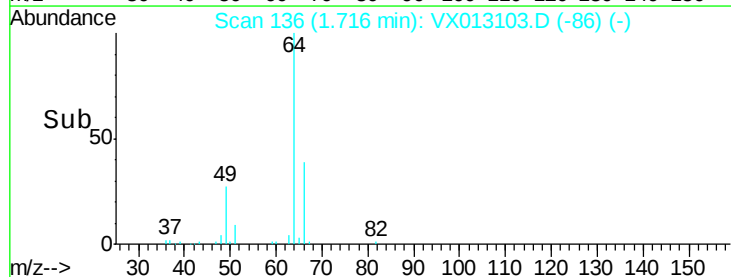
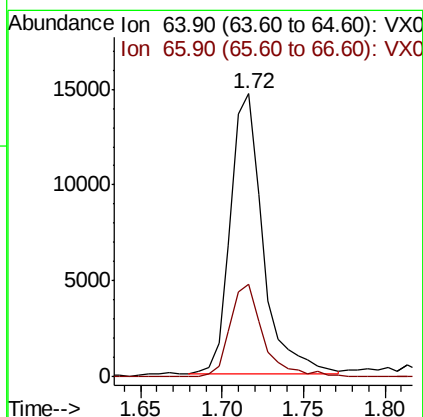
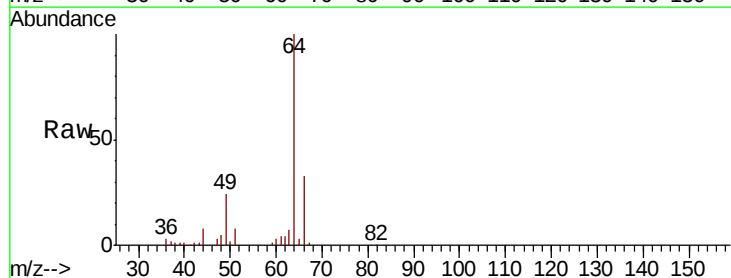
Acq: 17 Oct 2019 13:38

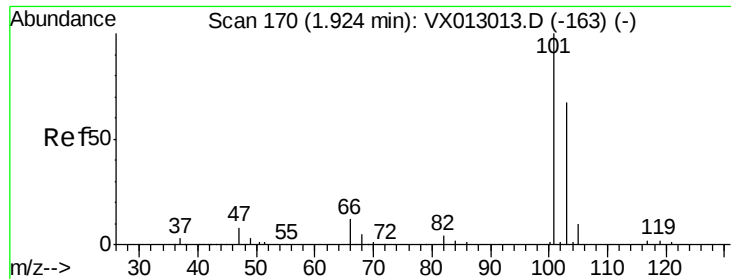
Tgt Ion: 64 Resp: 20477

Ion Ratio Lower Upper

64 100

66 33.1 25.6 38.4





#7

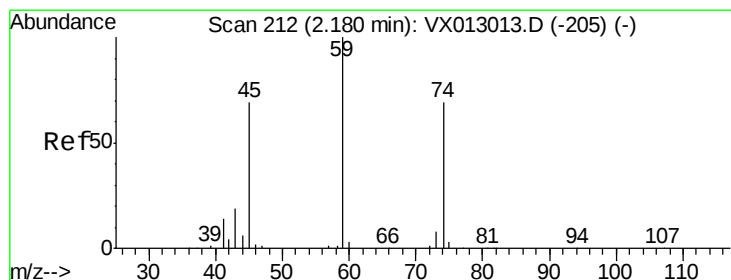
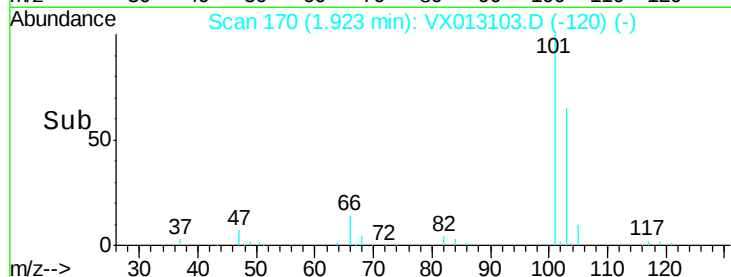
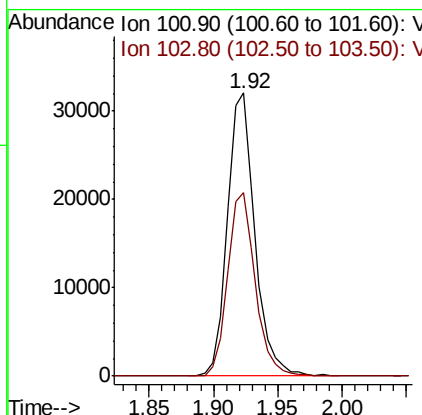
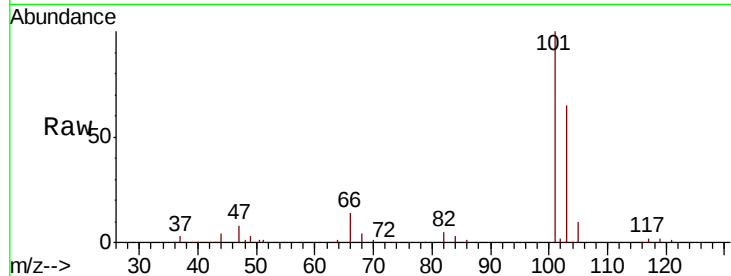
Trichlorofluoromethane
Concen: 19.173 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion:101 Resp: 47940
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

Manual Integrations
APPROVED

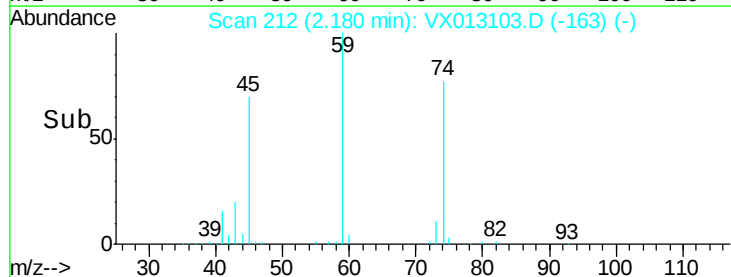
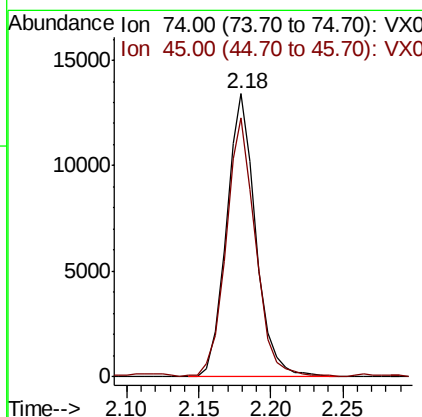
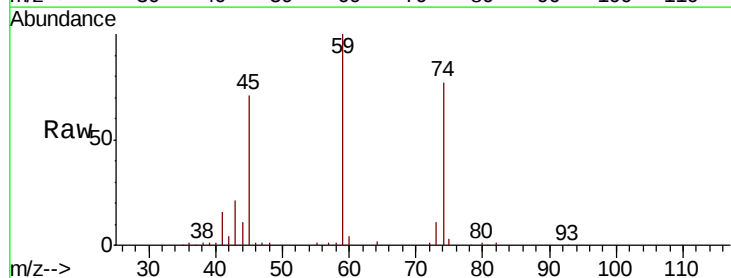
MMDadoda
10/18/2019 10:05:31 AM

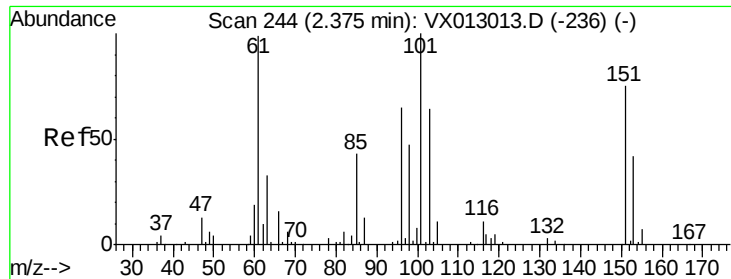


#8

Diethyl Ether
Concen: 18.992 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 74 Resp: 19167
Ion Ratio Lower Upper
74 100
45 92.0 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.561 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

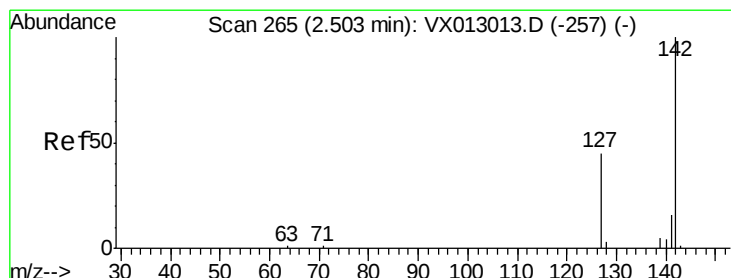
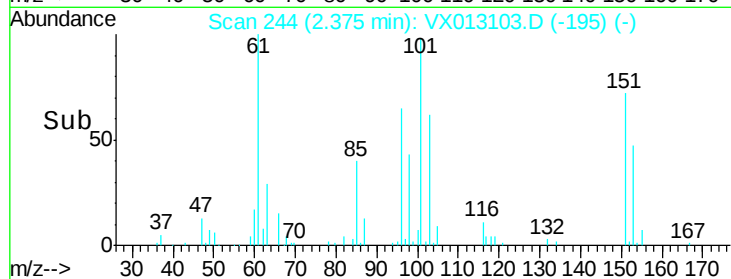
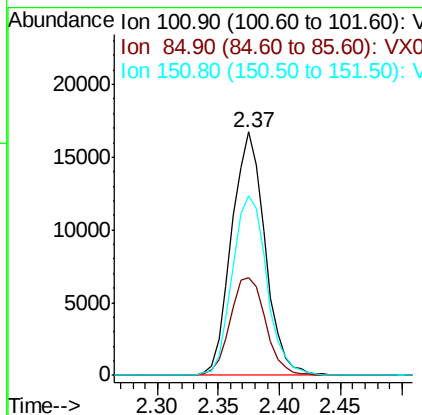
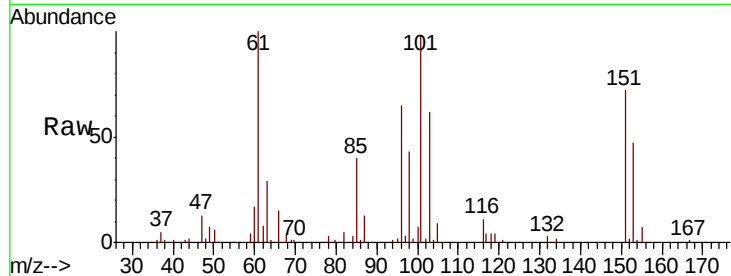
ClientSampleId :

VX1017WBS01

Tot Ion:	101	Resp:	31654
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.2	52.8
151	75.9	60.3	90.5

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#10

Methyl Iodide

Concen: 19.582 ug/l

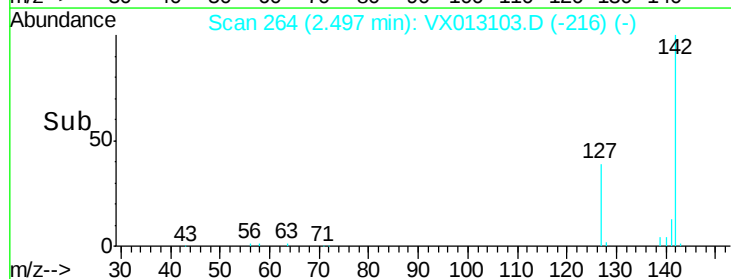
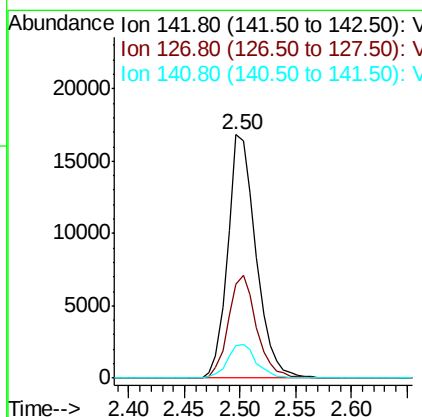
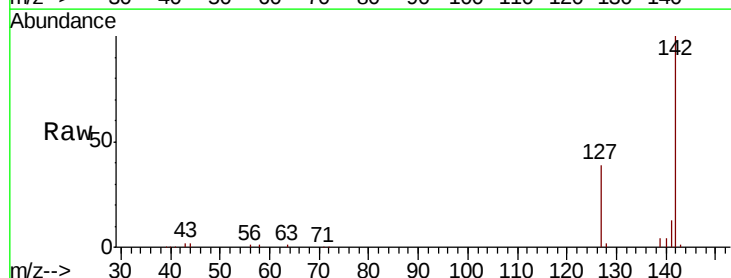
RT: 2.50 min Scan# 264

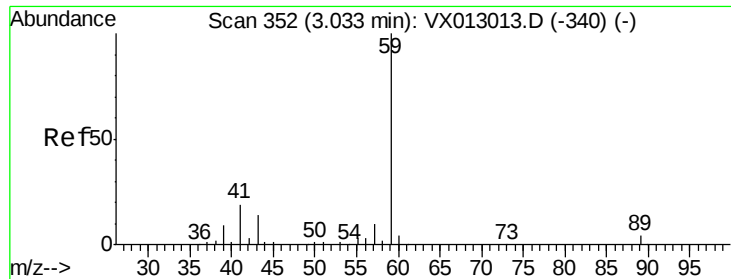
Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion:	142	Resp:	29591
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.9	52.3
141	14.3	11.6	17.4





#11

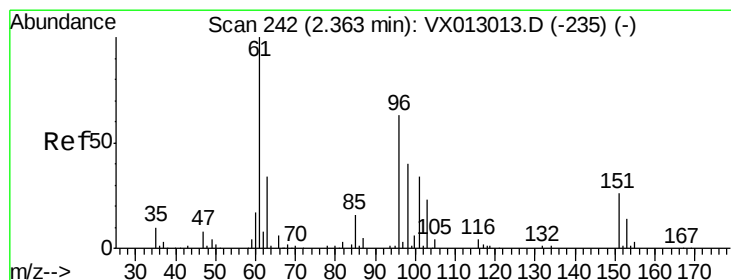
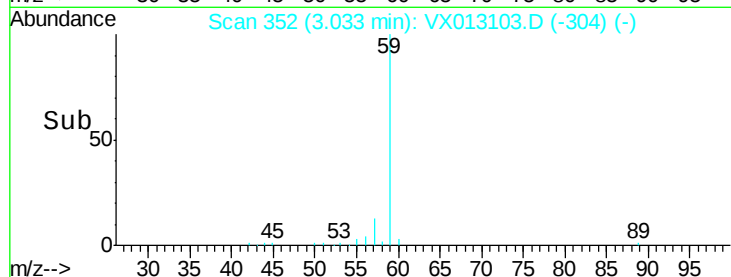
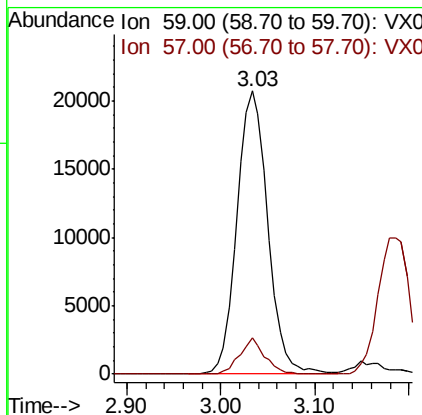
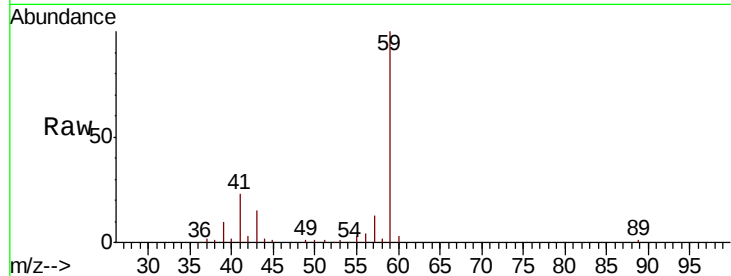
Tert butyl alcohol
 Concen: 88.651 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

Manual Integrations
 APPROVED

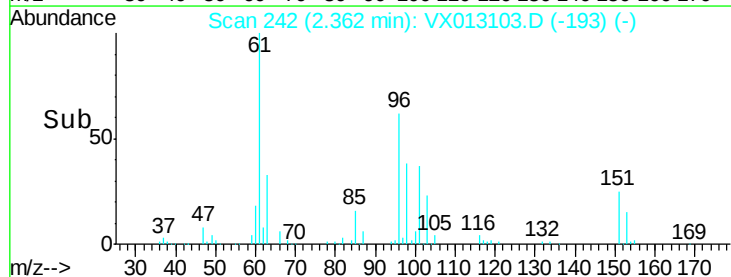
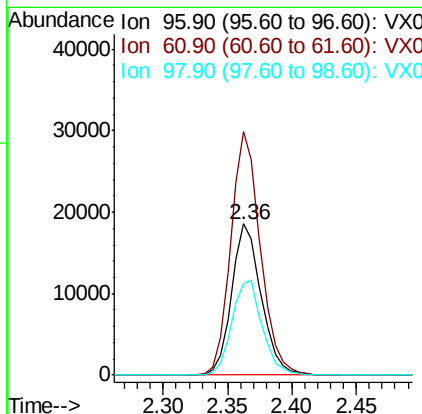
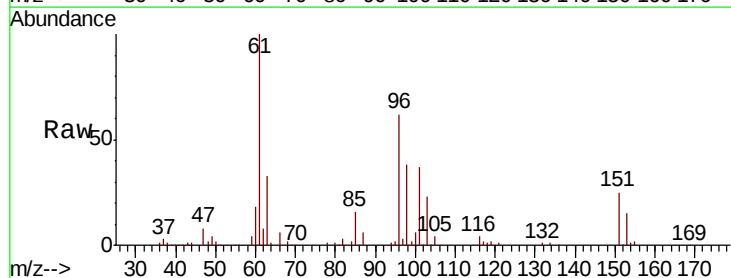
MMDadoda
 10/18/2019 10:05:31 AM

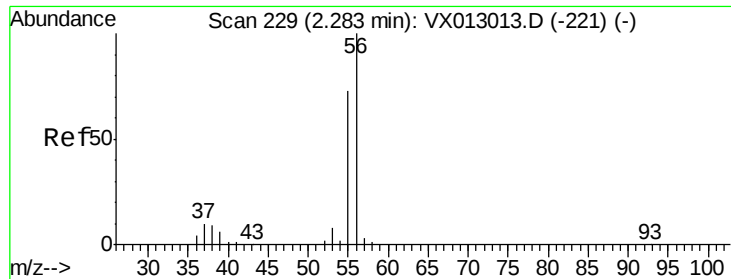


#12

1,1-Dichloroethene
 Concen: 18.236 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.3	132.2	198.4
98	60.9	50.5	75.7





#13

Acrolein

Concen: 95.298 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 56 Resp: 36304

Ion Ratio Lower Upper

56 100

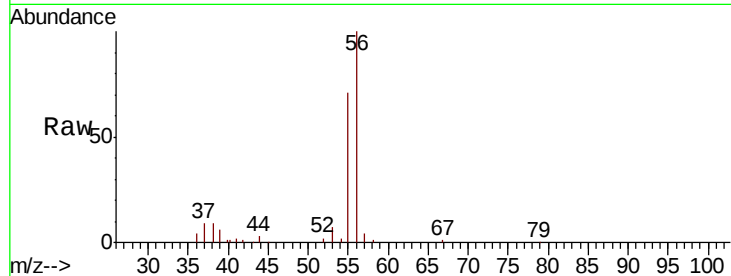
55 70.4 56.6 85.0

Manual Integrations

APPROVED

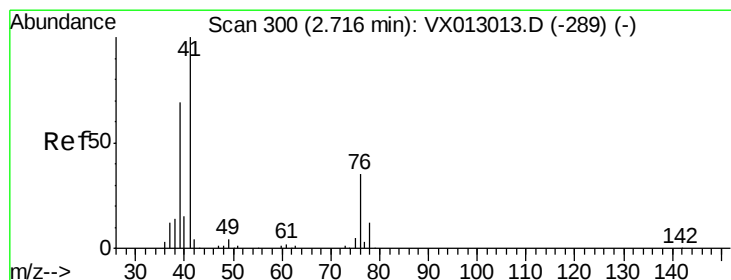
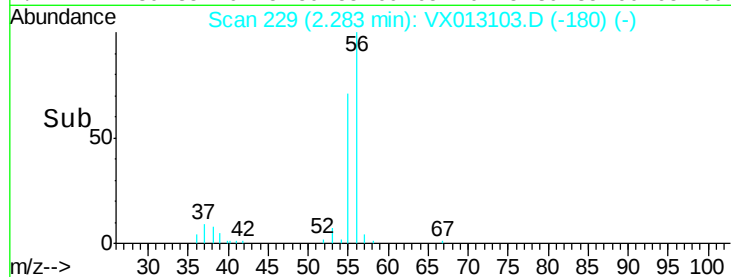
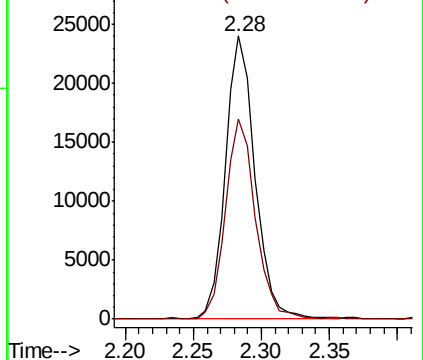
MMDadoda

10/18/2019 10:05:31 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.899 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

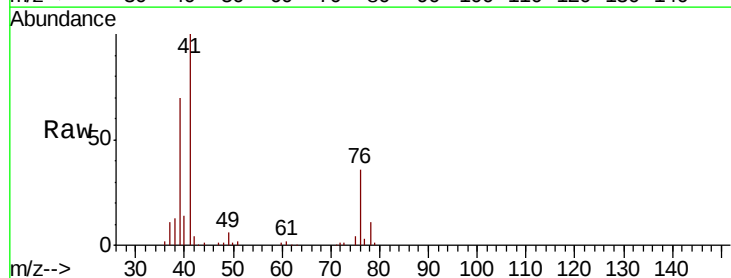
Tgt Ion: 41 Resp: 52117

Ion Ratio Lower Upper

41 100

39 62.4 51.0 76.6

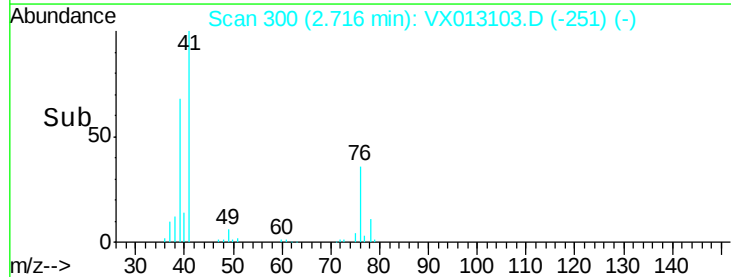
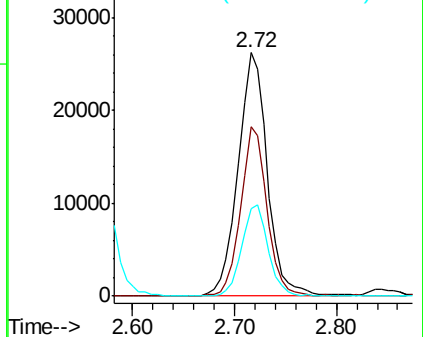
76 33.9 26.2 39.4

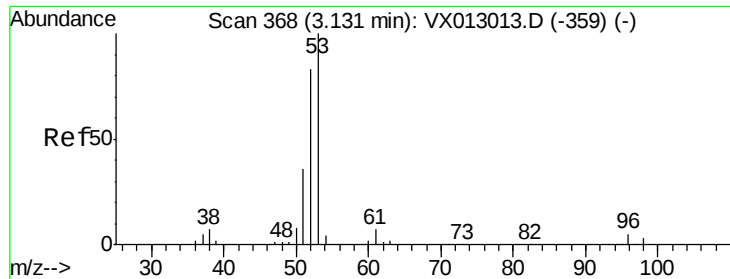


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.128 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

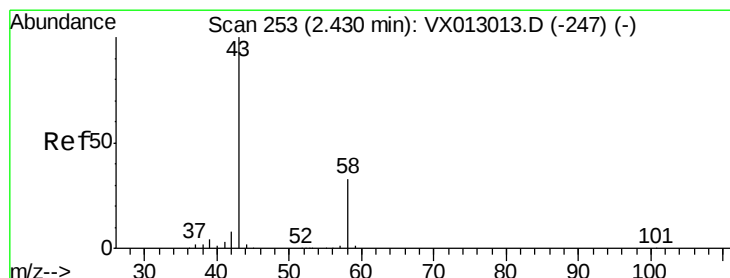
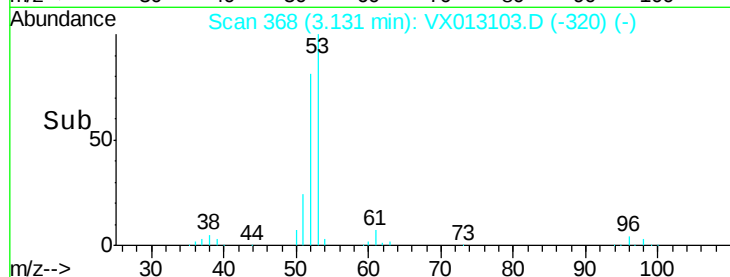
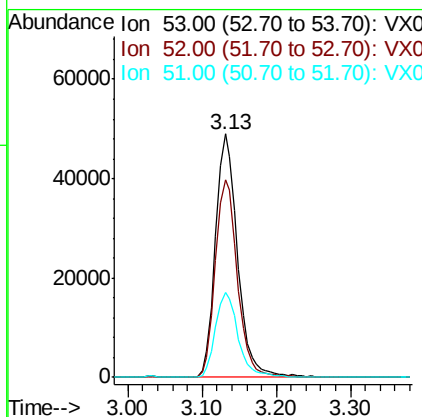
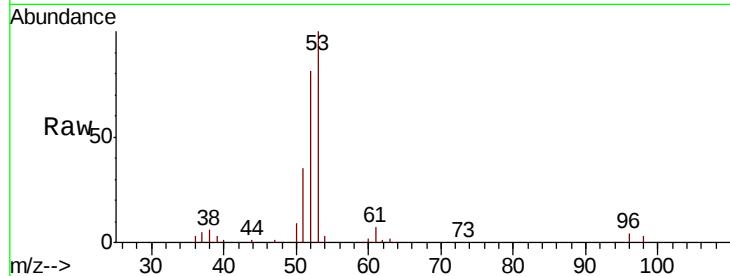
ClientSampleId :

VX1017WBS01

Tot Ion:	53	Resp:	100701
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.2	99.2
51	35.9	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#16

Acetone

Concen: 96.090 ug/l

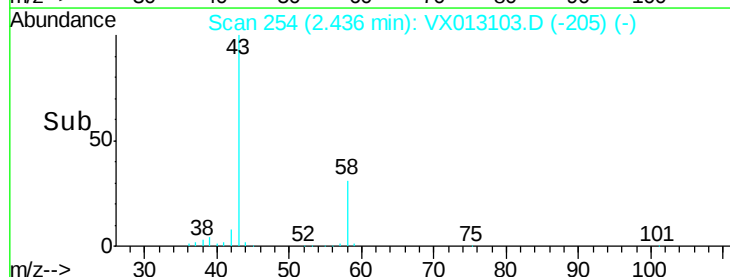
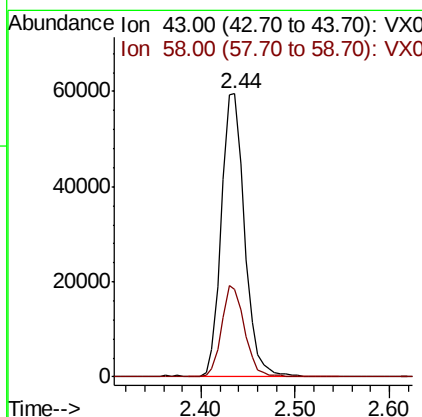
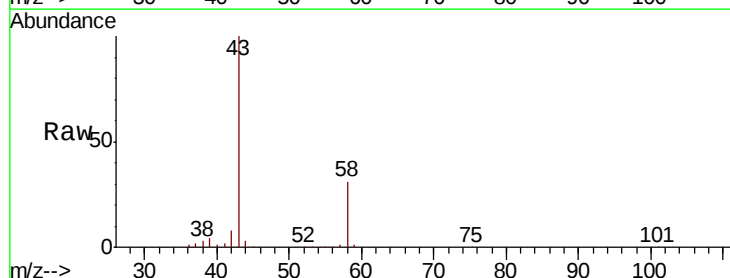
RT: 2.44 min Scan# 254

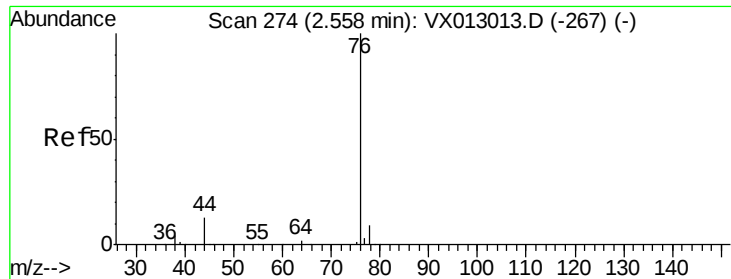
Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion:	43	Resp:	102421
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.4	38.2





#17

Carbon Disulfide

Concen: 14.703 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 76 Resp: 68545

Ion Ratio Lower Upper

76 100

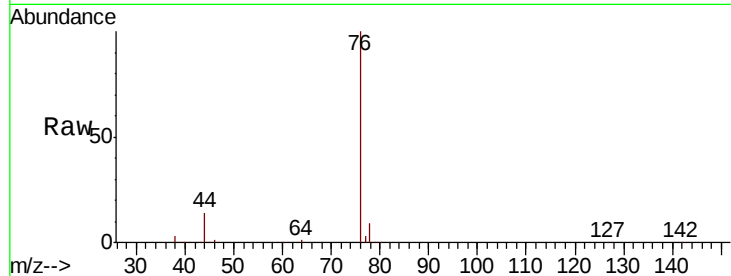
78 8.9 7.1 10.7

Manual Integrations

APPROVED

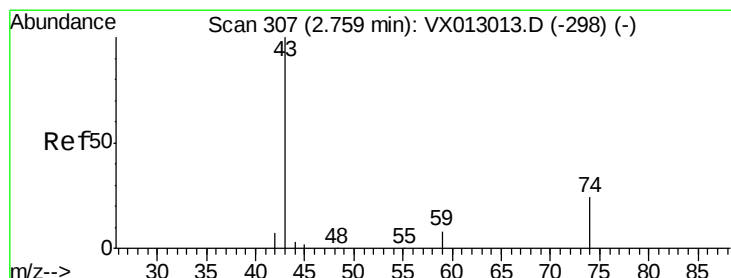
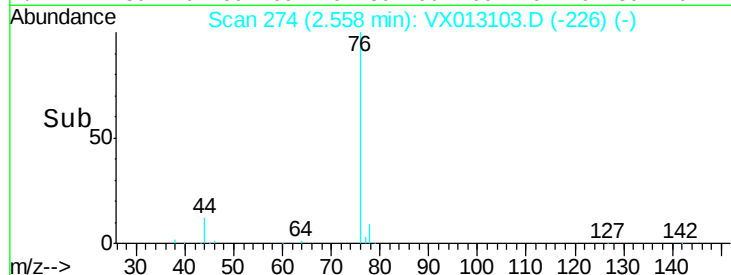
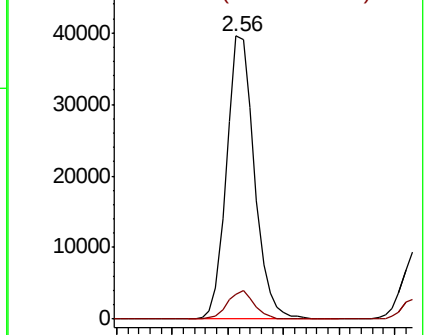
MMDadoda

10/18/2019 10:05:31 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.408 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013103.D

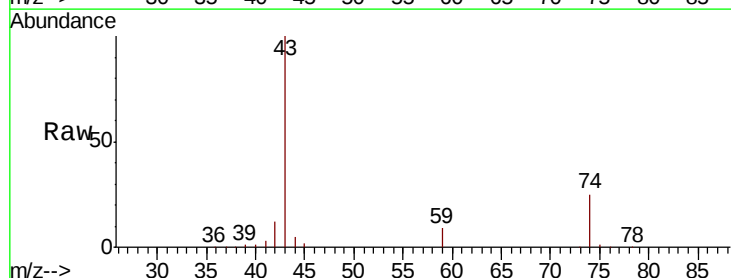
Acq: 17 Oct 2019 13:38

Tgt Ion: 43 Resp: 49033

Ion Ratio Lower Upper

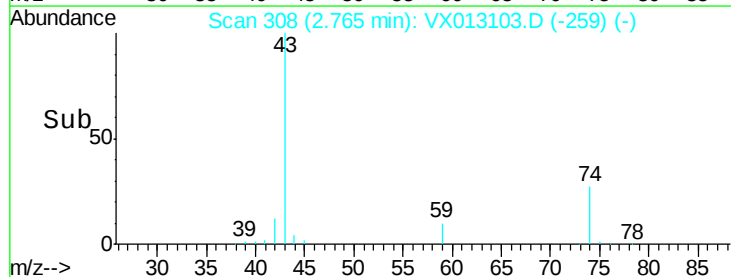
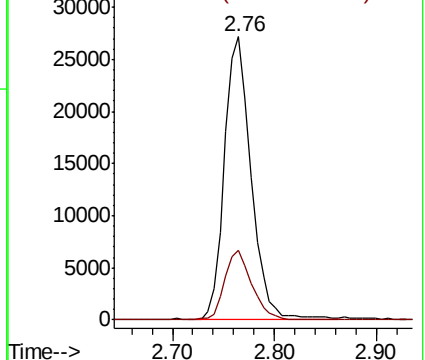
43 100

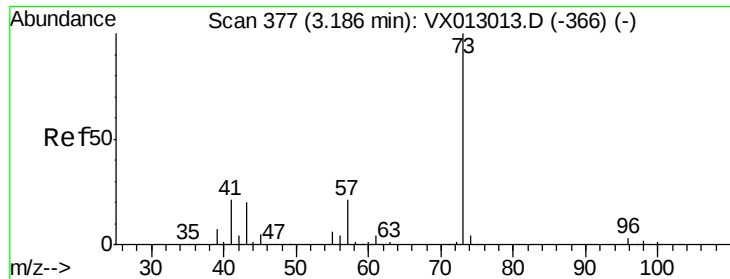
74 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





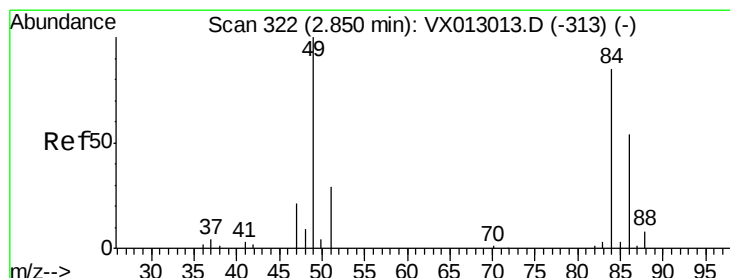
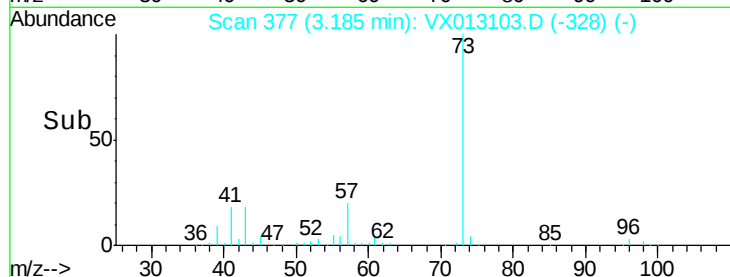
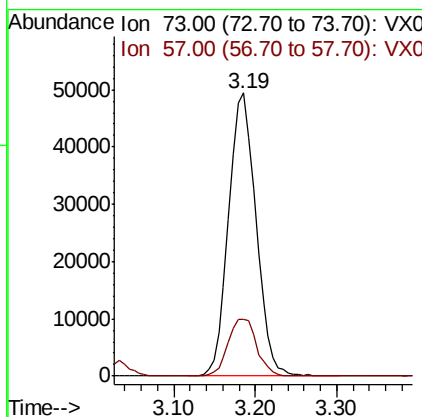
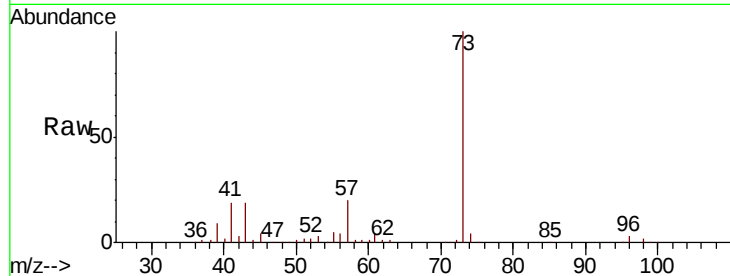
#19
Methvl tert-butvl Ether
Concen: 20.307 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion: 73 Resp: 114654
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.6

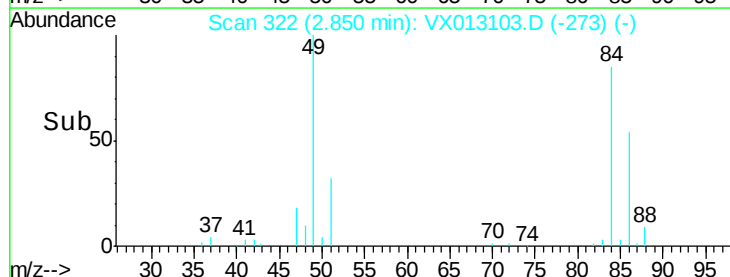
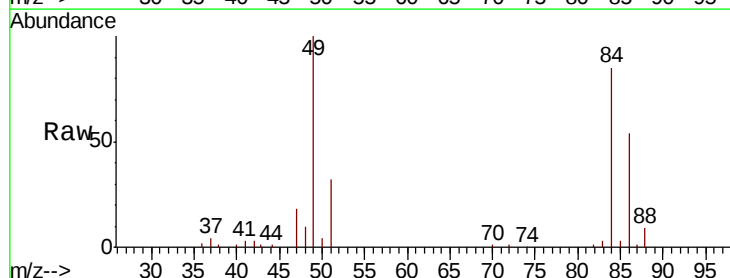
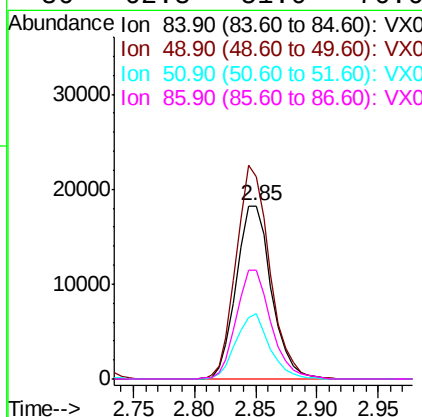
Manual Integrations
APPROVED

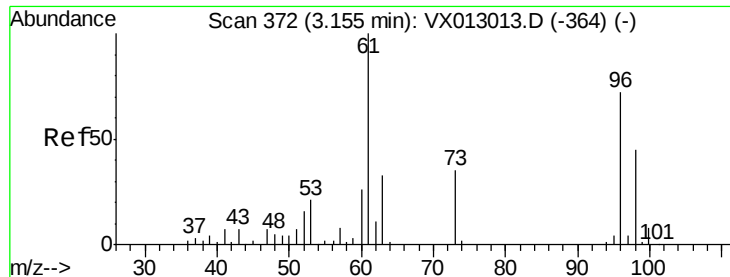
MMDadoda
10/18/2019 10:05:31 AM



#20
Methylene Chloride
Concen: 18.660 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 84 Resp: 36553
Ion Ratio Lower Upper
84 100
49 117.0 96.6 144.8
51 37.8 30.7 46.1
86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.571 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 96 Resp: 32543

Ion Ratio Lower Upper

96 100

61 133.4 110.4 165.6

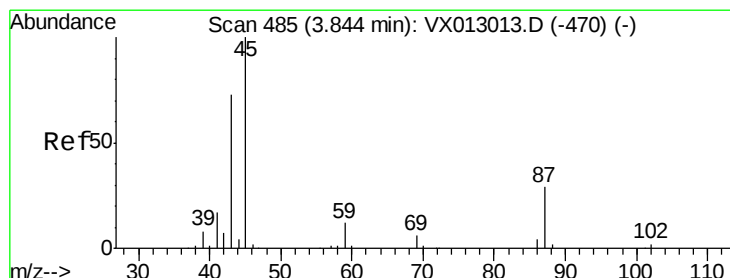
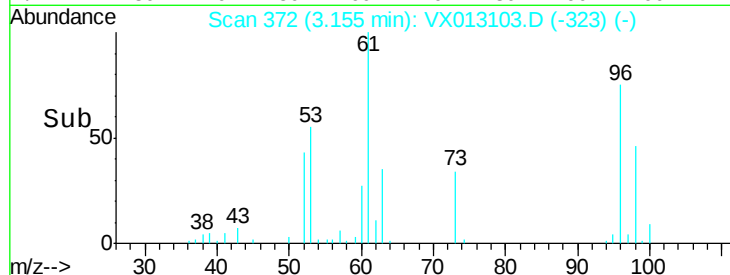
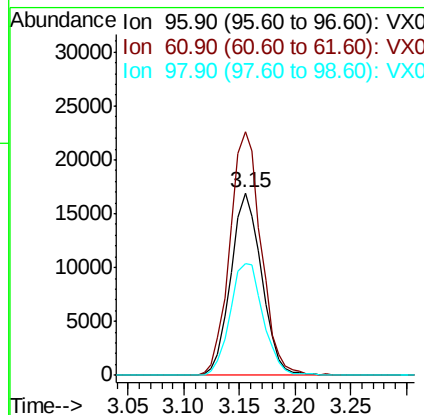
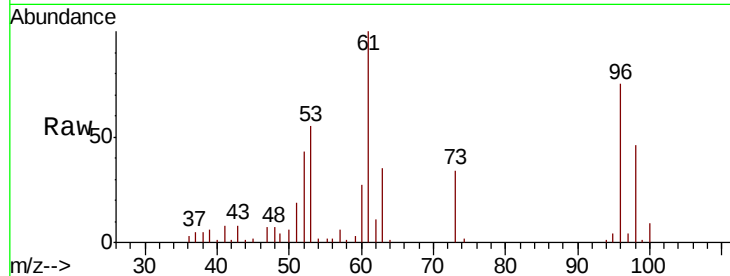
98 61.4 51.5 77.3

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



#22

Diisopropyl ether

Concen: 19.352 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion: 45 Resp: 107973

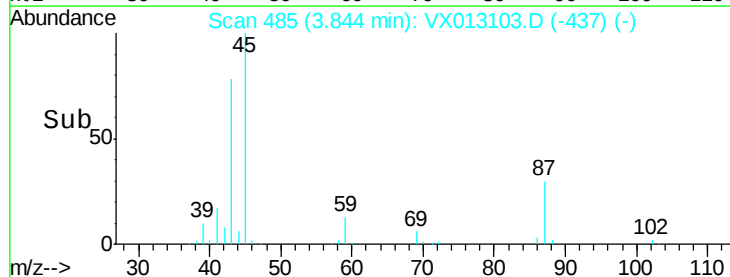
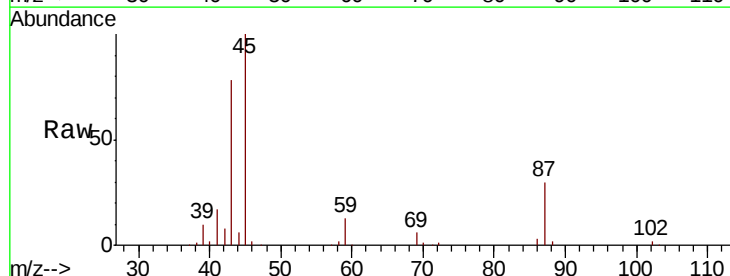
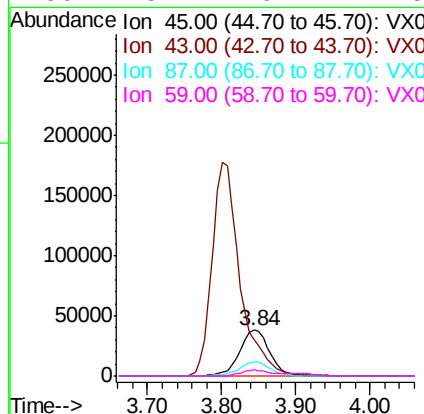
Ion Ratio Lower Upper

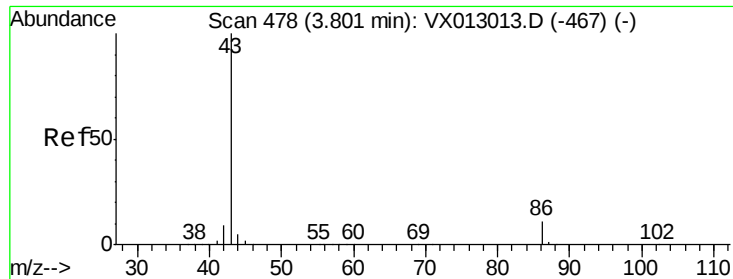
45 100

43 77.3 51.4 77.0#

87 29.9 22.5 33.7

59 13.4 9.7 14.5





#23

Vinyl Acetate

Concen: 95.728 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 43 Resp: 461068

Ion Ratio Lower Upper

43 100

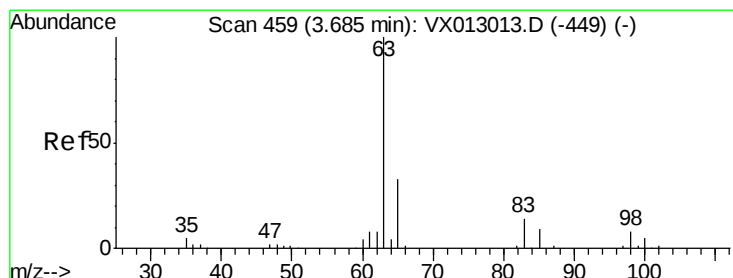
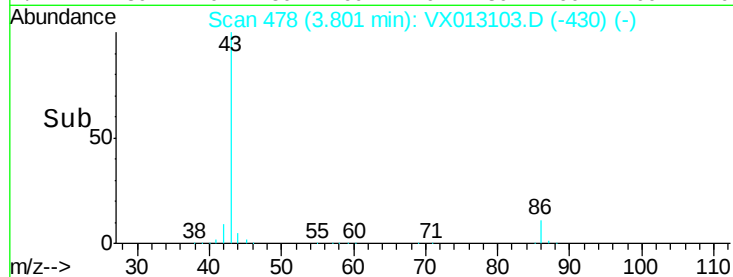
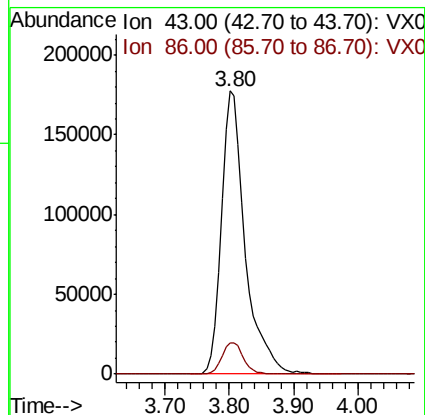
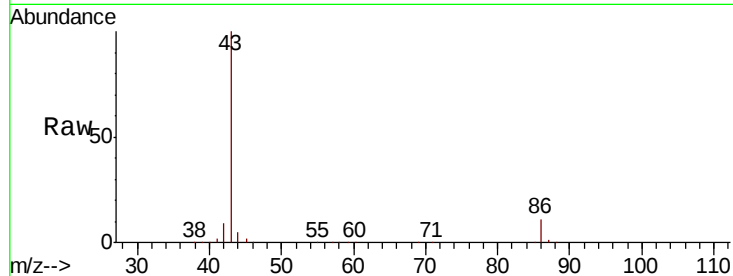
86 11.1 9.0 13.6

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



#24

1,1-Dichloroethane

Concen: 19.511 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

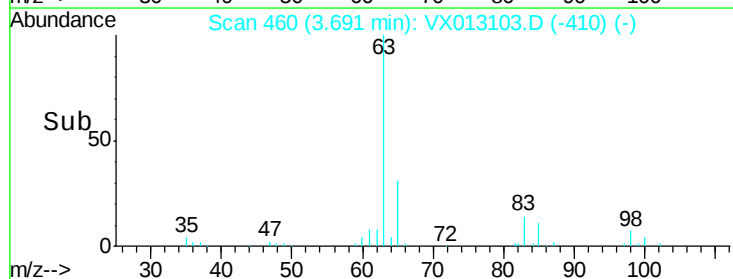
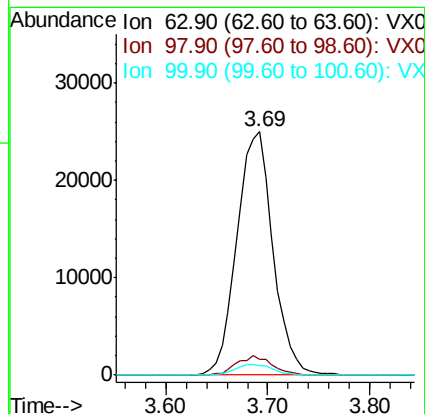
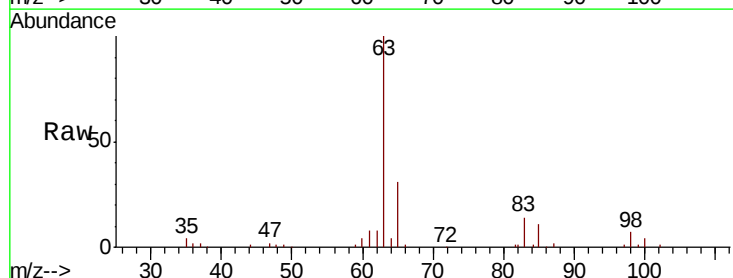
Tgt Ion: 63 Resp: 61240

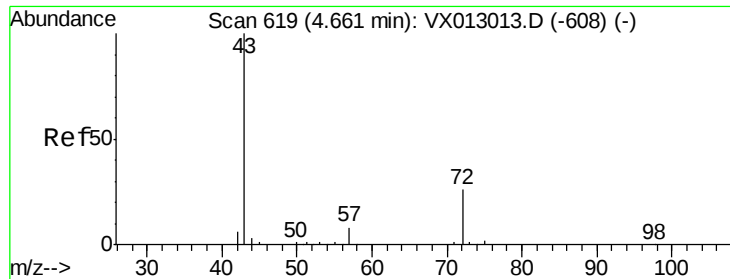
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.5

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 95.622 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 43 Resp: 141402

Ion Ratio Lower Upper

43 100

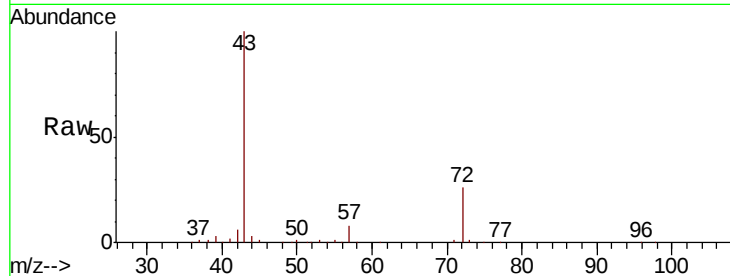
72 25.5 21.0 31.6

Manual Integrations

APPROVED

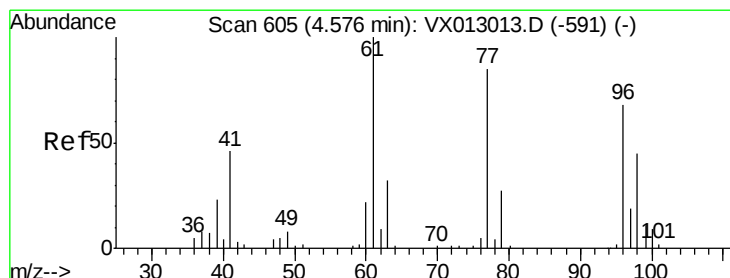
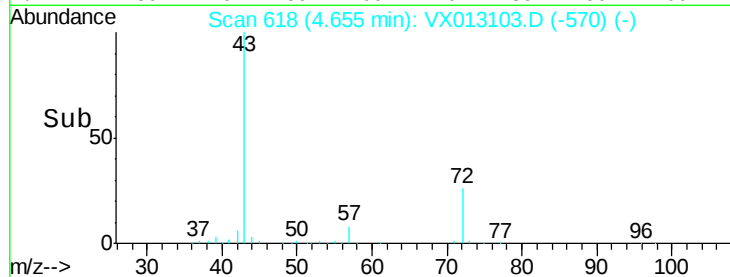
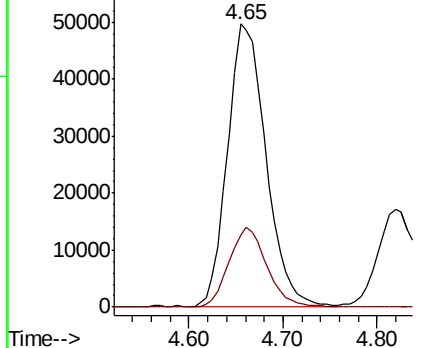
MMDadoda

10/18/2019 10:05:31 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.678 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013103.D

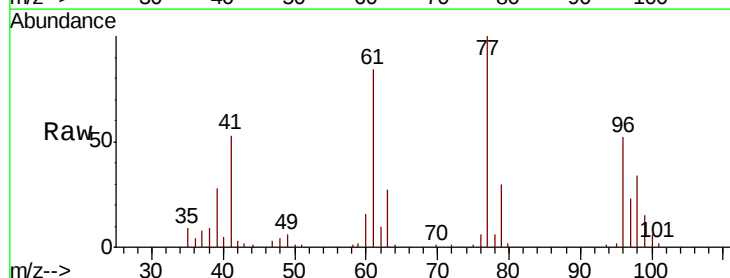
Acq: 17 Oct 2019 13:38

Tgt Ion: 77 Resp: 51938

Ion Ratio Lower Upper

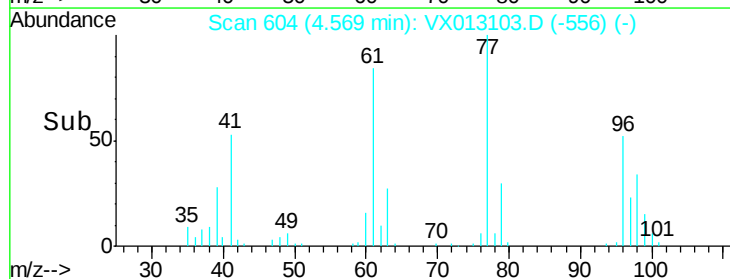
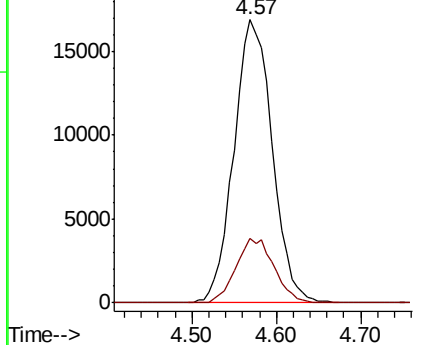
77 100

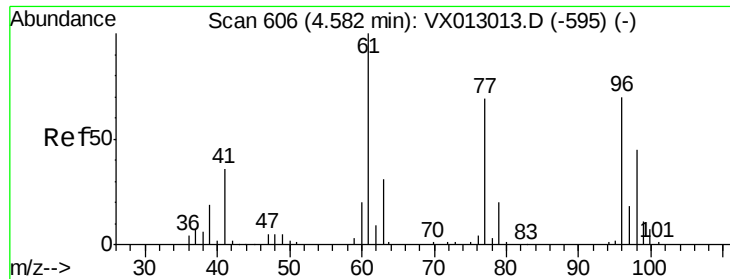
97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

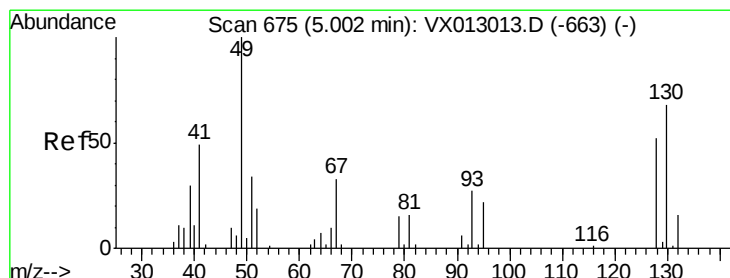
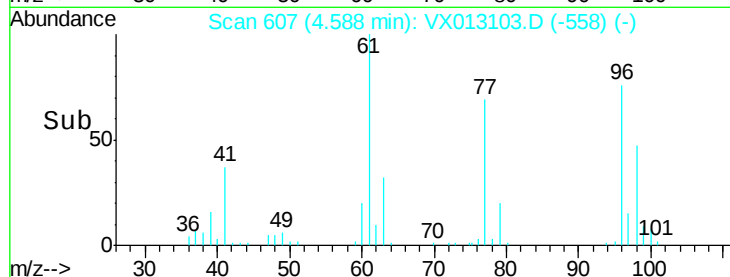
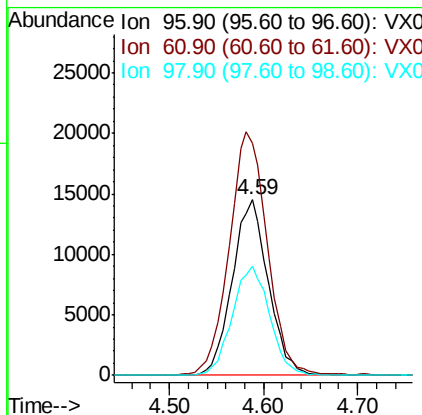
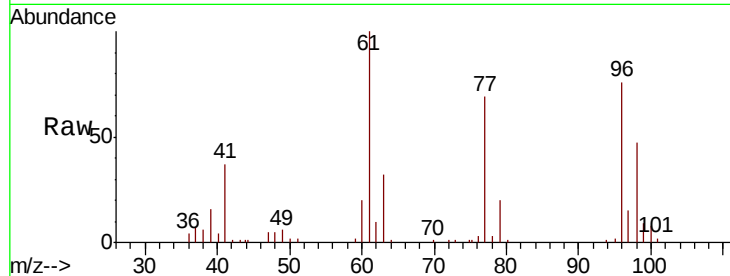
cis-1,2-Dichloroethene
Concen: 19.121 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	290.6
98	64.8	0.0	128.8

Manual Integrations
APPROVED

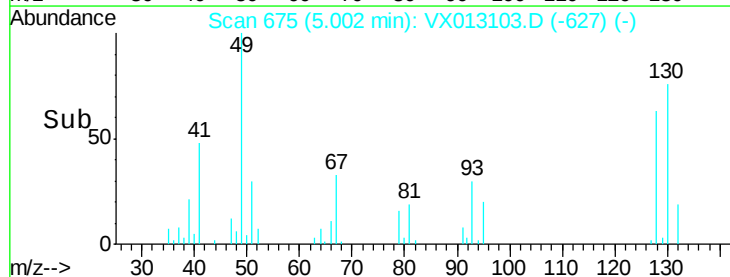
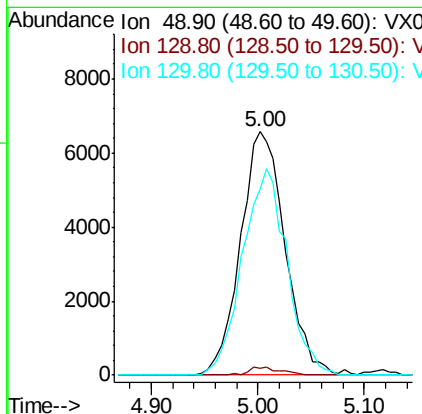
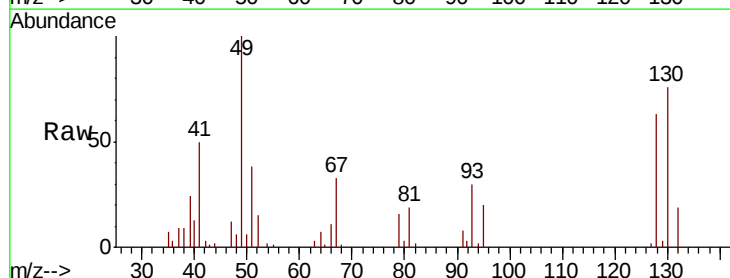
MMDadoda
10/18/2019 10:05:31 AM

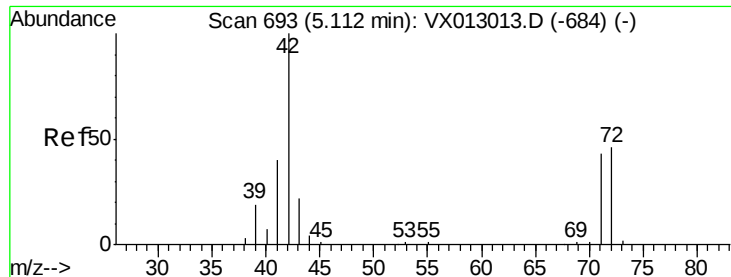


#28

Bromochloromethane
Concen: 20.335 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	84.3	62.1	93.1





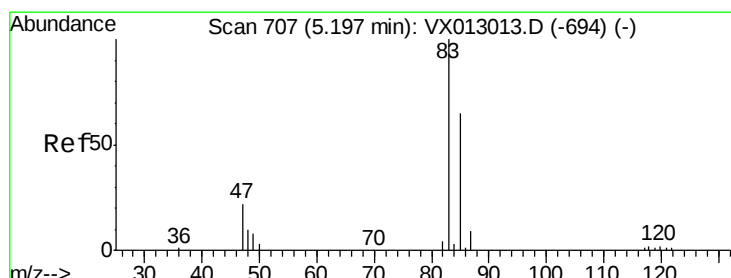
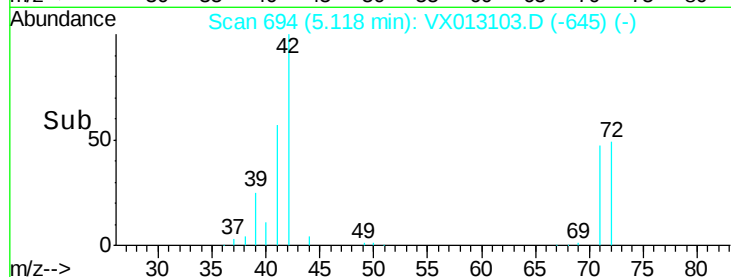
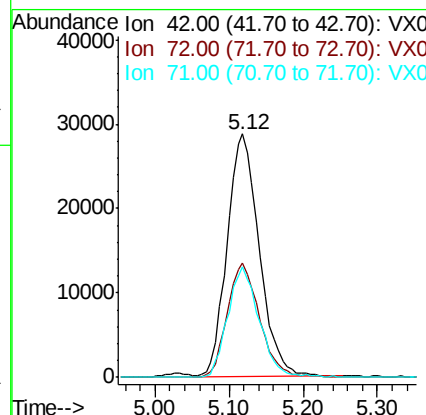
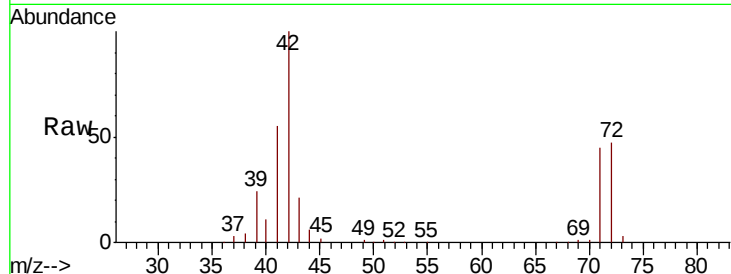
#29
Tetrahydrofuran
Concen: 95.316 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	36.9	55.3
71	44.3	33.5	50.3

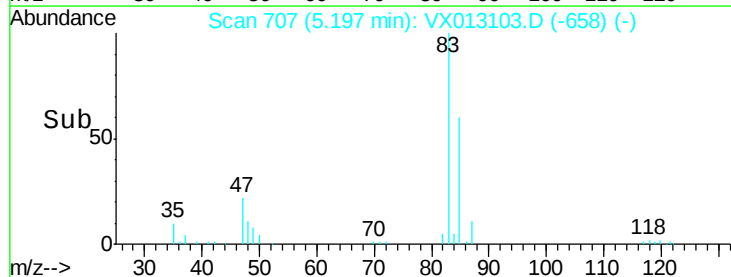
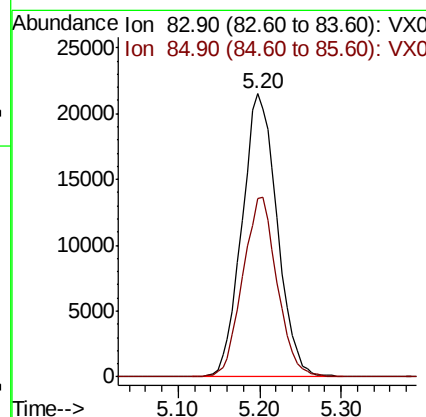
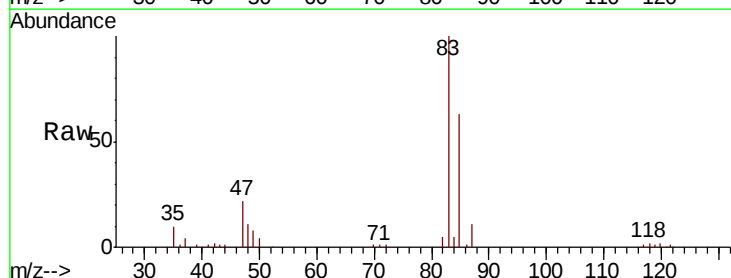
Manual Integrations
APPROVED

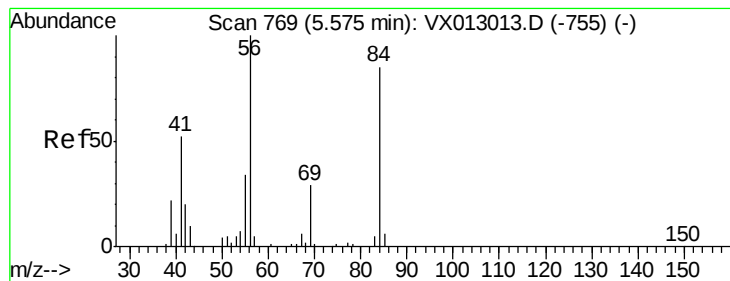
MMDadoda
10/18/2019 10:05:31 AM



#30
Chloroform
Concen: 20.018 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3





#31

Cyclohexane

Concen: 17.798 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

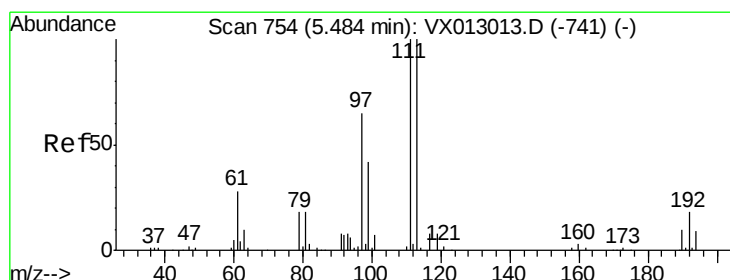
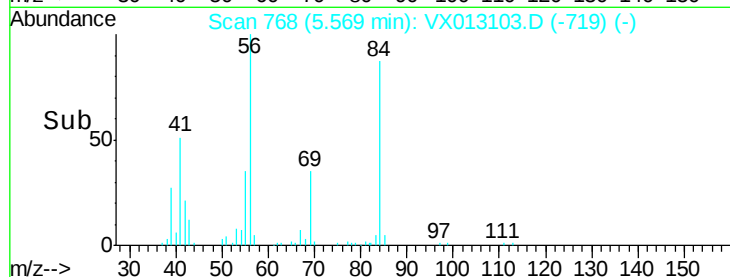
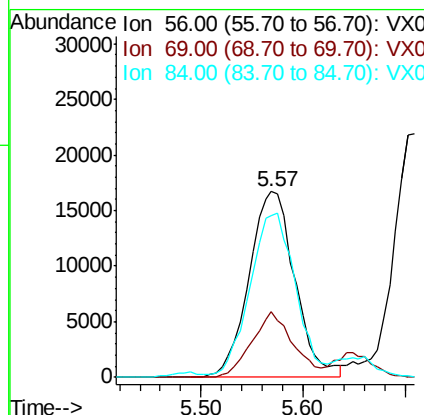
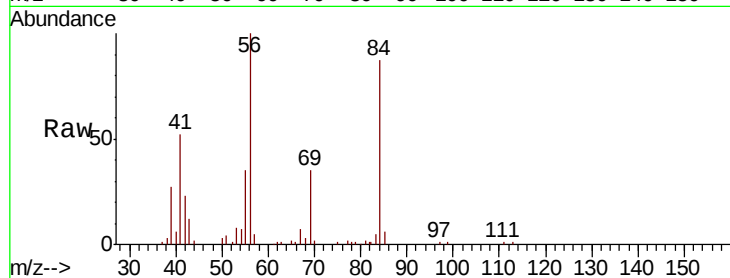
ClientSampleId :

VX1017WBS01

Tot Ion:	56	Resp:	52236
Ion	Ratio	Lower	Upper
56	100		
69	35.1	25.2	37.8
84	84.3	71.3	106.9

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#32

1,1,1-Trichloroethane

Concen: 20.125 ug/l

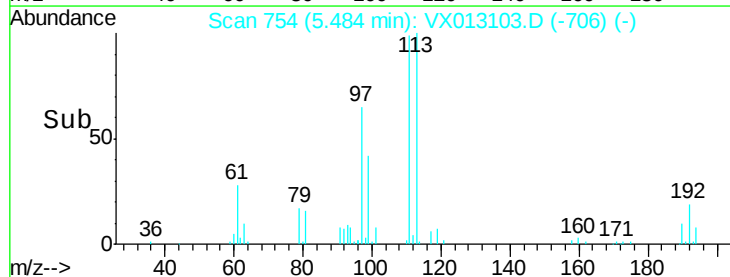
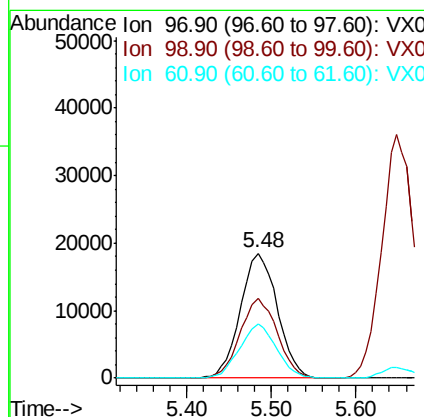
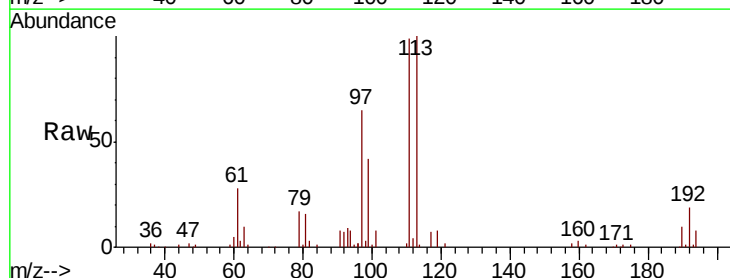
RT: 5.48 min Scan# 754

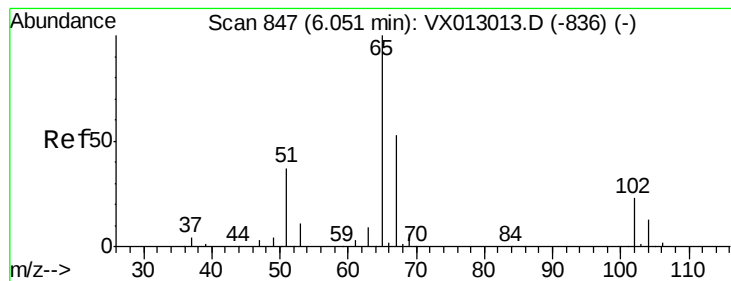
Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion:	97	Resp:	54918
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	43.4	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 50.797 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampled :

VX1017WBS01

Tot Ion: 65 Resp: 102720

Ion Ratio Lower Upper

65 100

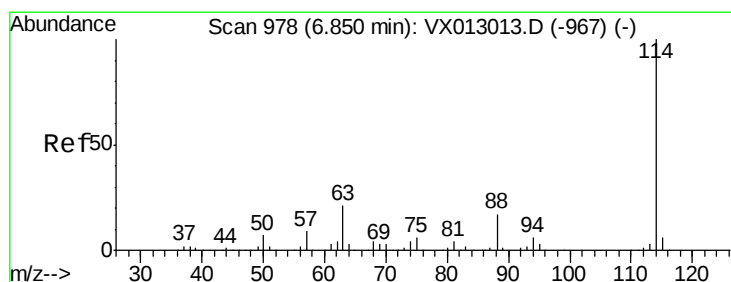
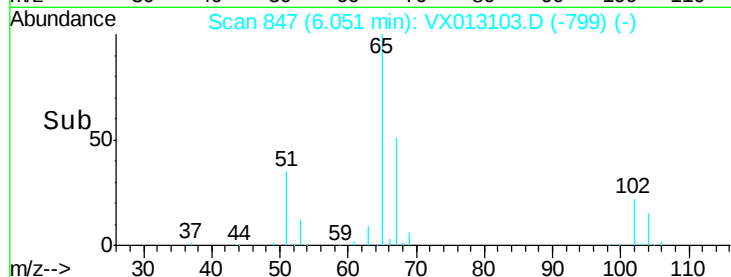
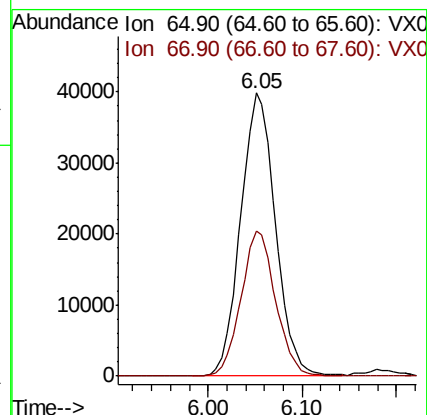
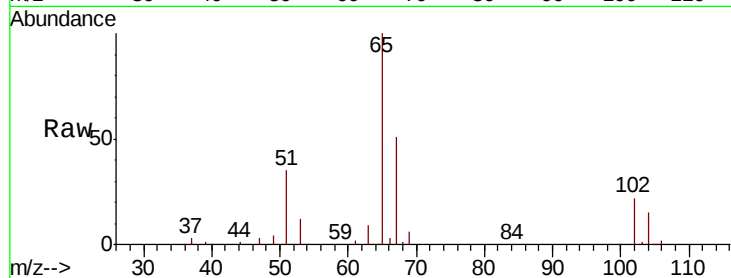
67 51.0 0.0 104.4

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

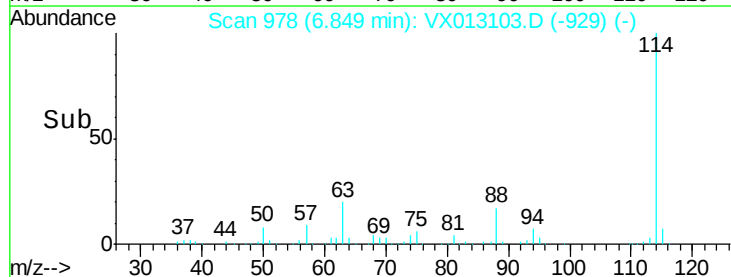
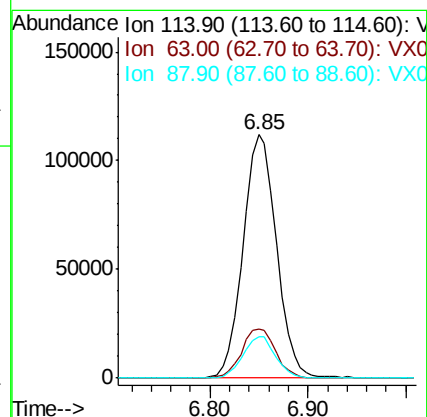
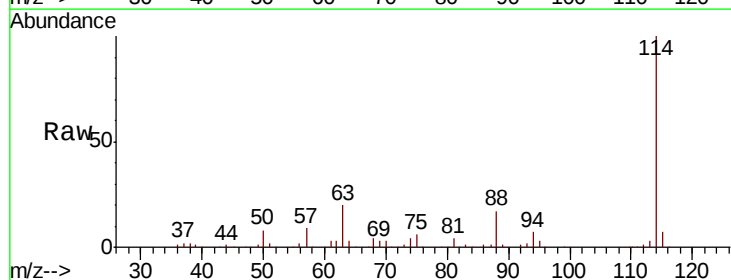
Tgt Ion: 114 Resp: 264928

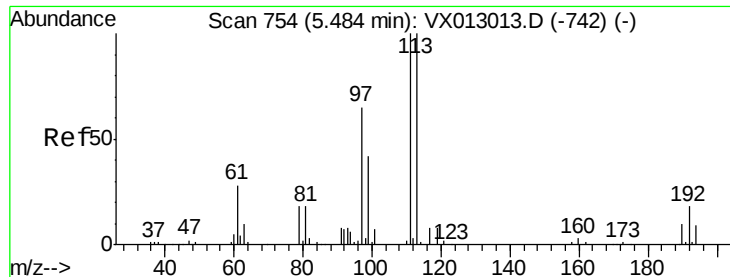
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.709 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

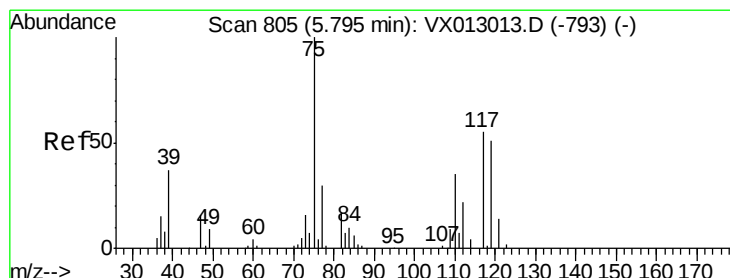
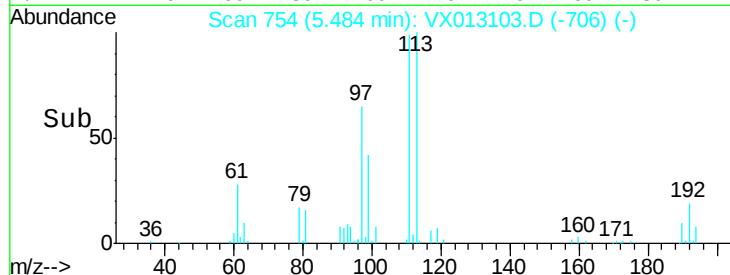
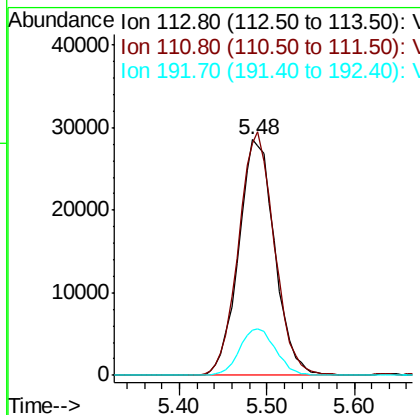
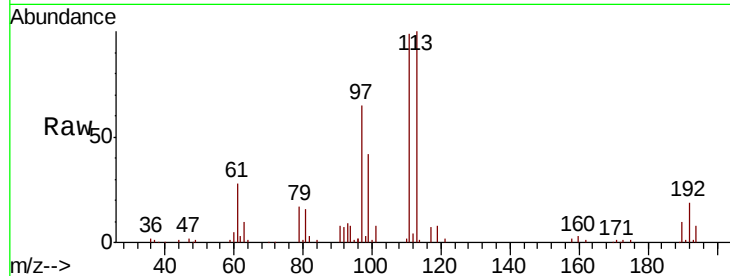
ClientSampleId :

VX1017WBS01

Tot Ion:	113	Resp:	81667
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.2	124.8
192	19.9	15.4	23.2

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#36

1,1-Dichloropropene

Concen: 18.805 ug/l

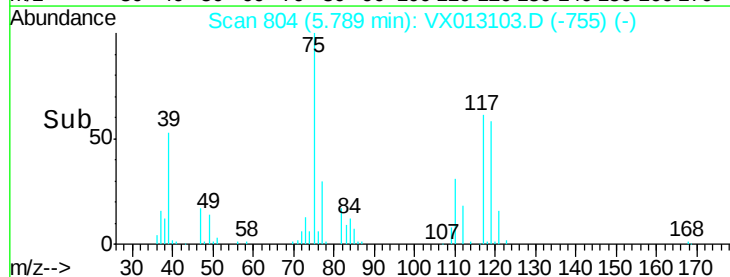
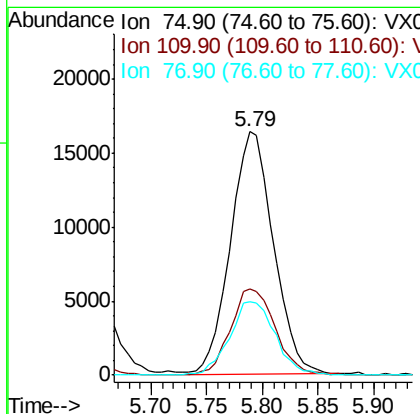
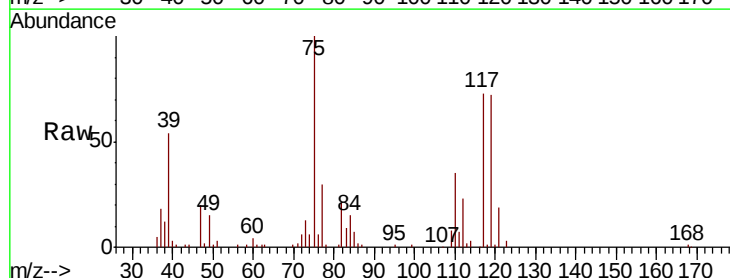
RT: 5.79 min Scan# 804

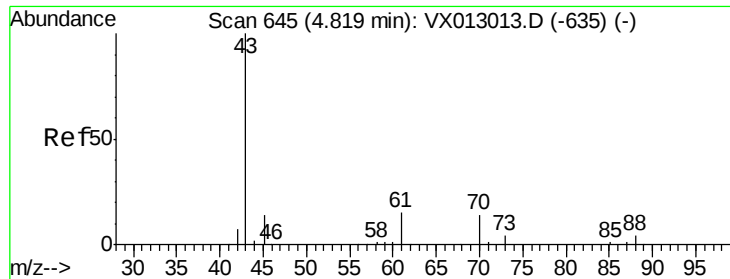
Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion:	75	Resp:	43802
Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.6	52.9
77	32.3	24.4	36.6





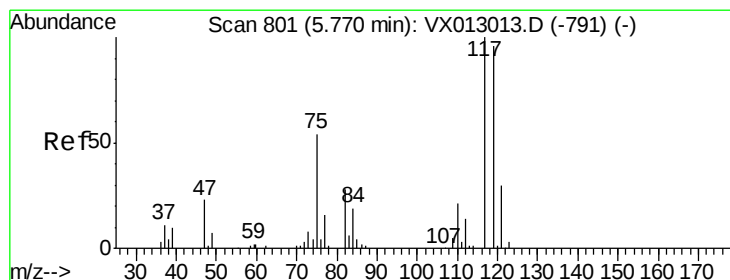
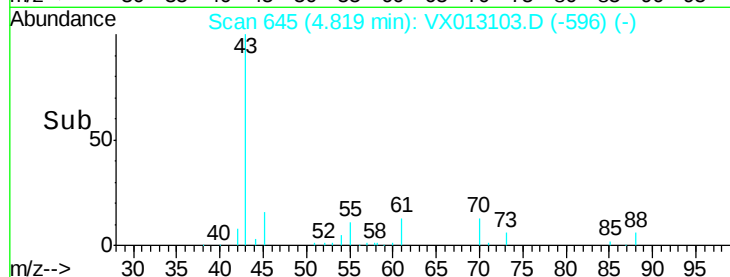
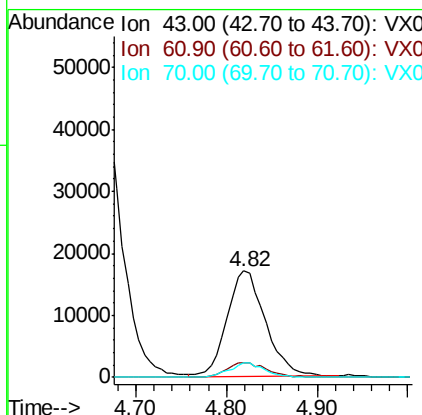
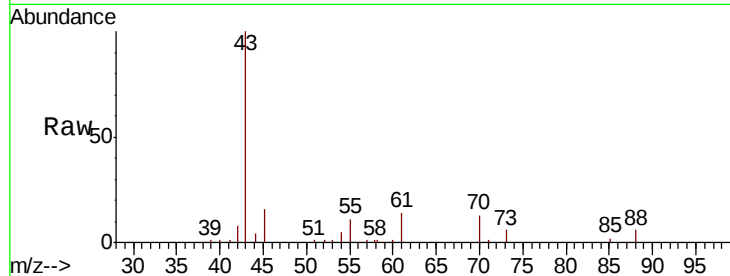
#37
Ethyl Acetate
Concen: 19.236 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.0
70	12.5	9.8	14.6

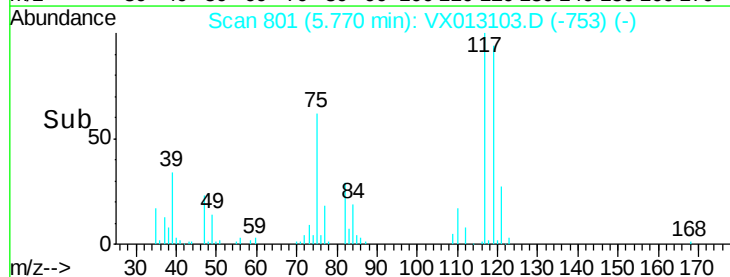
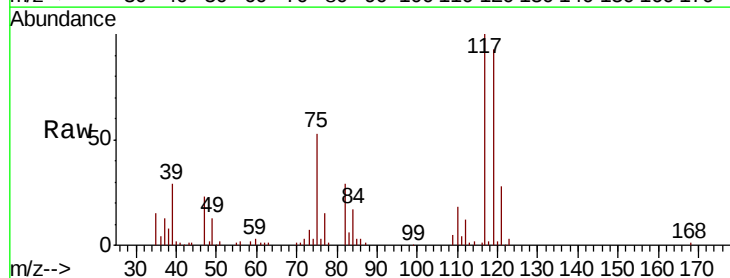
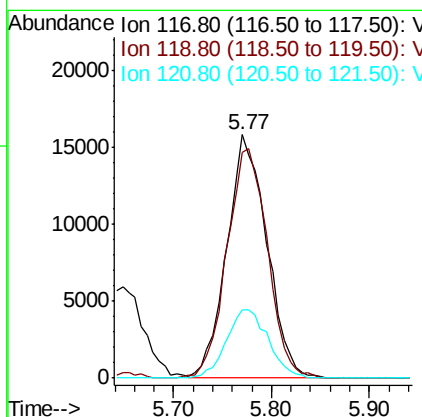
Manual Integrations
APPROVED

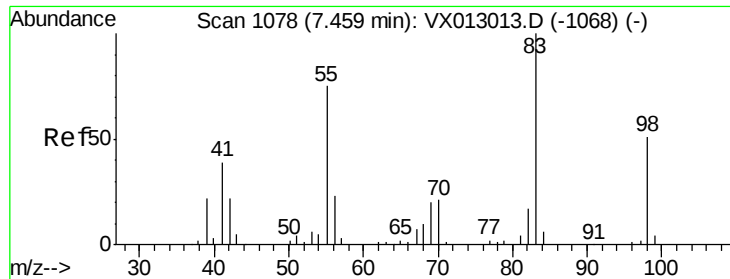
MMDadoda
10/18/2019 10:05:31 AM



#38
Carbon Tetrachloride
Concen: 19.819 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.5	111.7
121	28.1	24.2	36.4





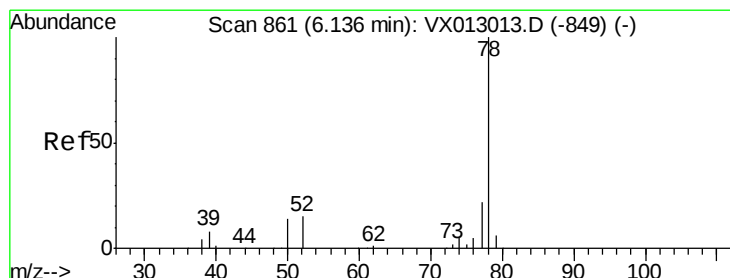
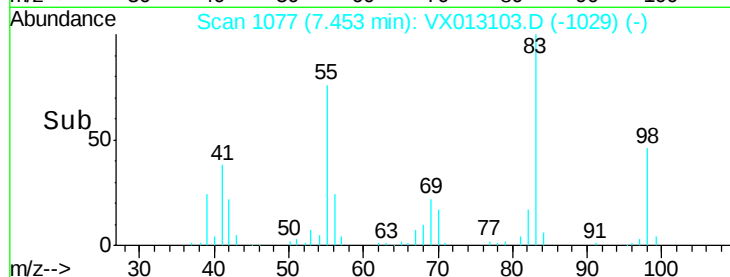
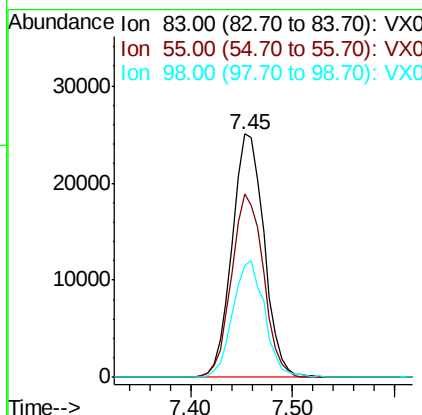
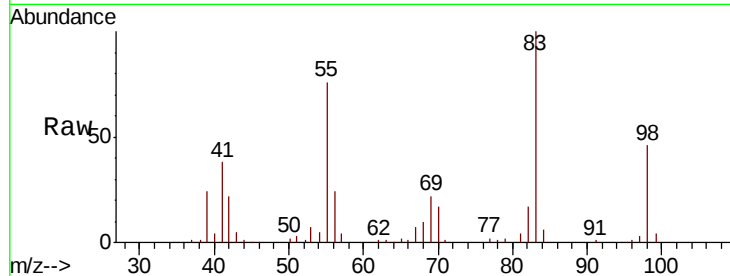
#39
Methvlcvclohexane
Concen: 19.308 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	83.00	Resp	54541
Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.2	90.4
98	46.1	38.5	57.7

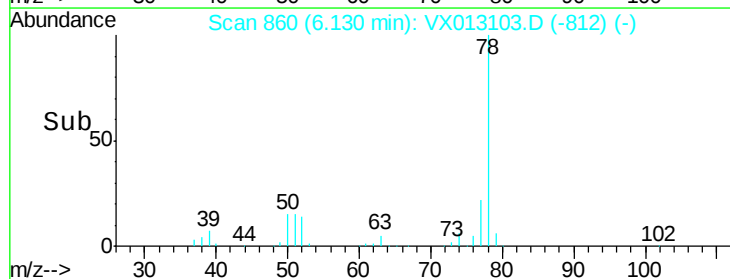
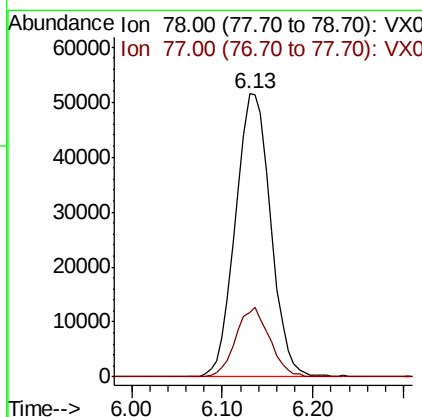
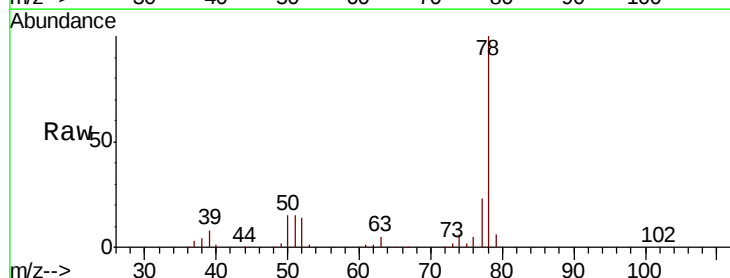
Manual Integrations
APPROVED

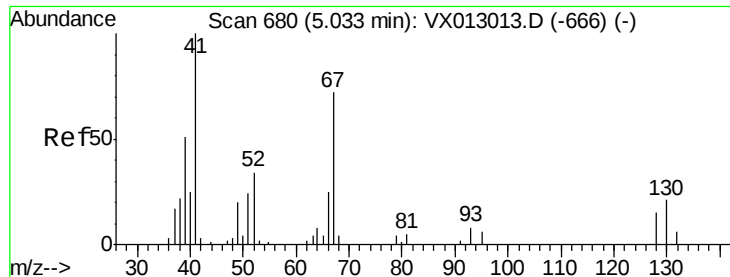
MMDadoda
10/18/2019 10:05:31 AM



#40
Benzene
Concen: 20.184 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	78.00	Resp	138859
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4





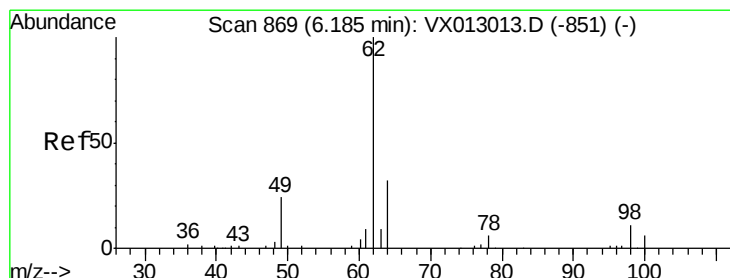
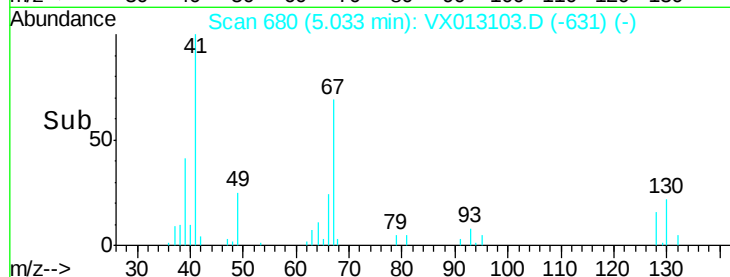
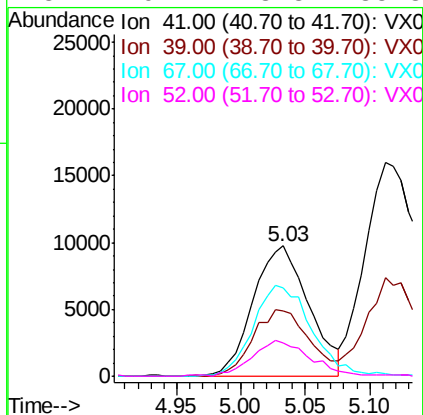
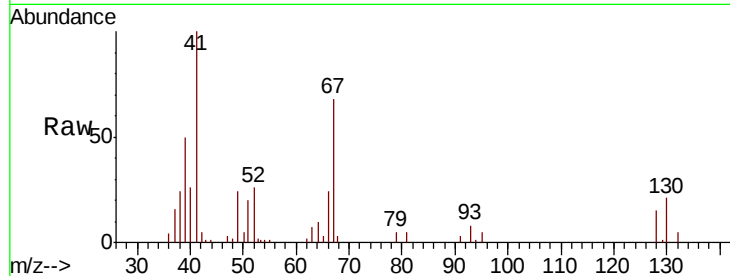
#41
Methacrylonitrile
Concen: 20.504 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	44.0	66.0	
67	72.9	58.5	87.7	
52	29.1	23.8	35.8	

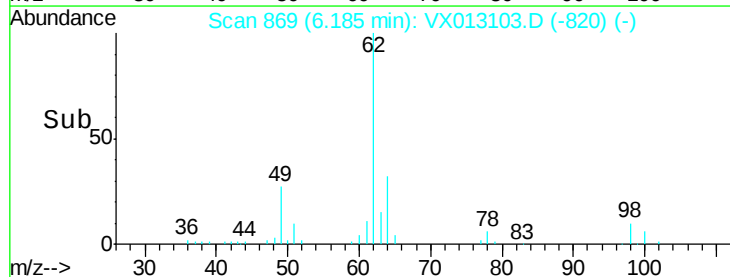
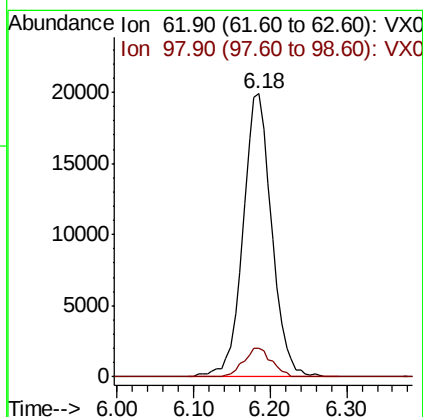
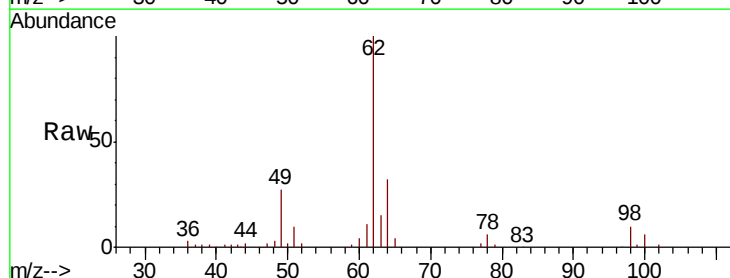
Manual Integrations
APPROVED

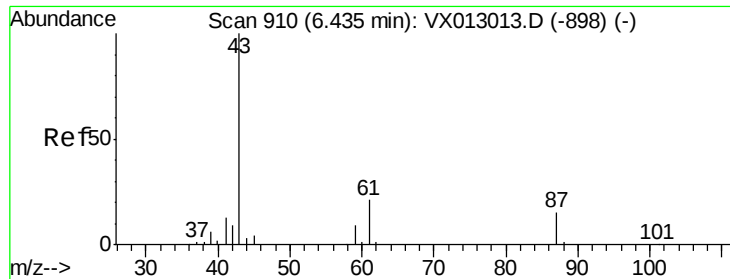
MMDadoda
10/18/2019 10:05:31 AM



#42
1,2-Dichloroethane
Concen: 20.953 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.4	





#43

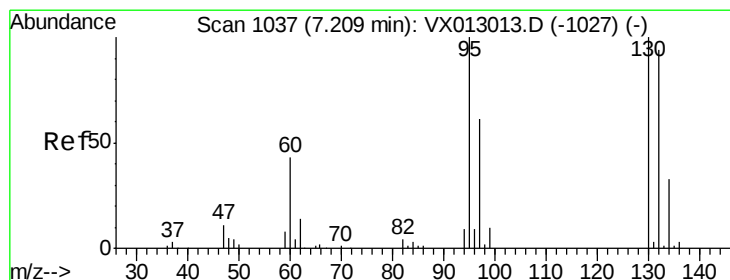
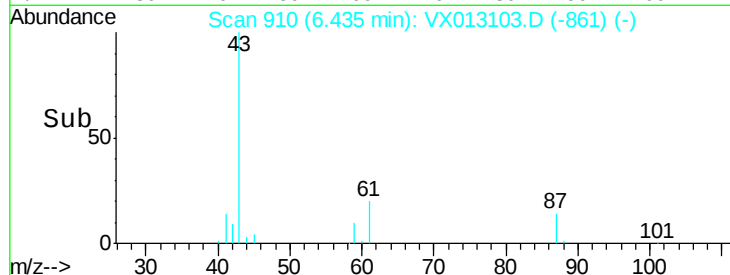
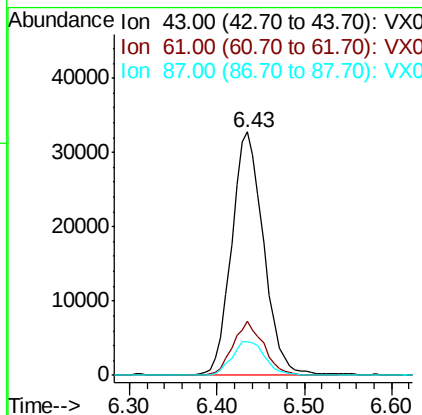
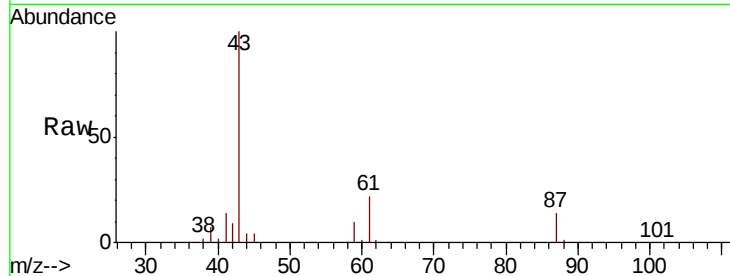
Isopropyl Acetate
 Concen: 19.934 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.6	24.8
87	14.5	11.0	16.6

Manual Integrations
 APPROVED

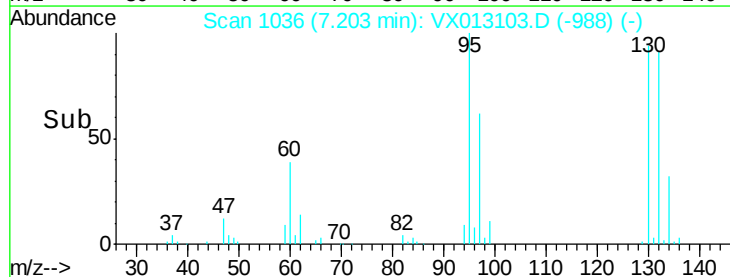
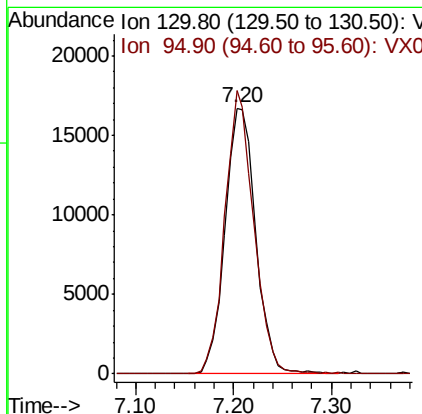
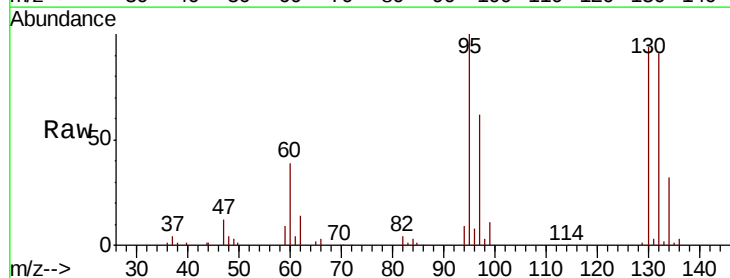
MMDadoda
 10/18/2019 10:05:31 AM

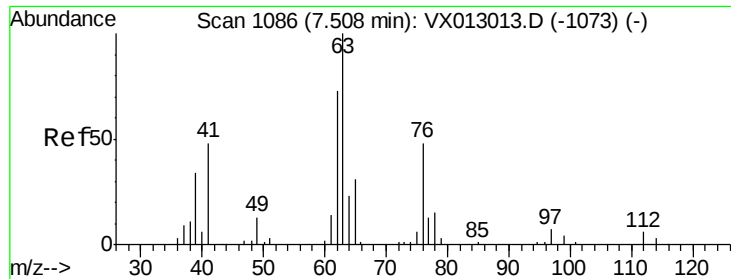


#44

Trichloroethene
 Concen: 19.011 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.4	0.0	189.2





#45

1,2-Dichloropropane

Concen: 20.375 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 63 Resp: 35724

Ion Ratio Lower Upper

63 100

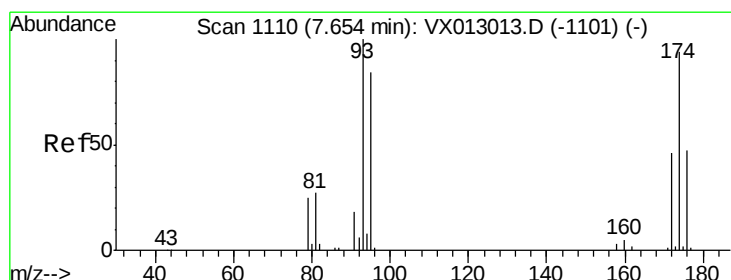
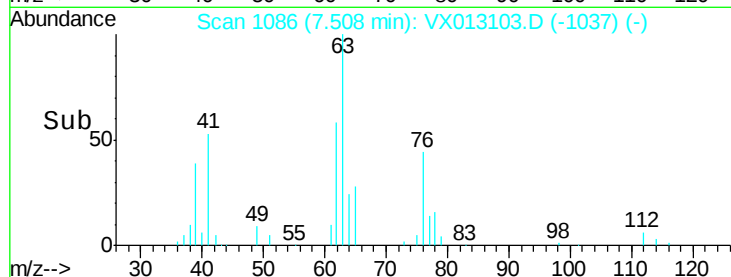
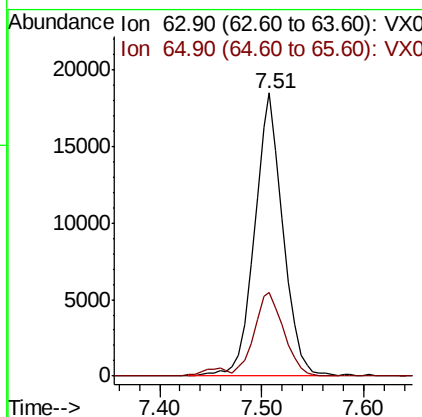
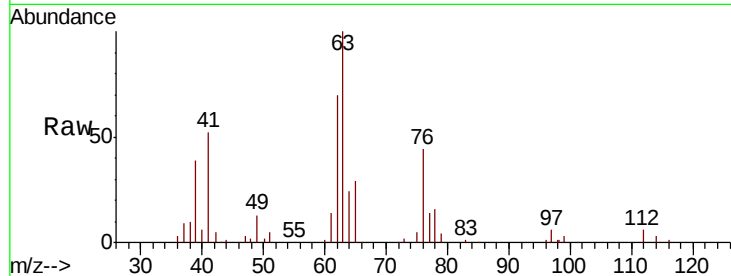
65 29.4 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



#46

Dibromomethane

Concen: 20.666 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

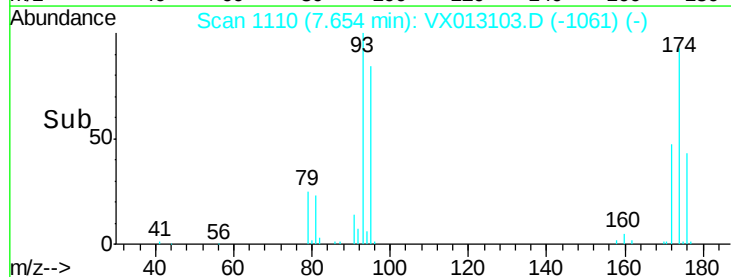
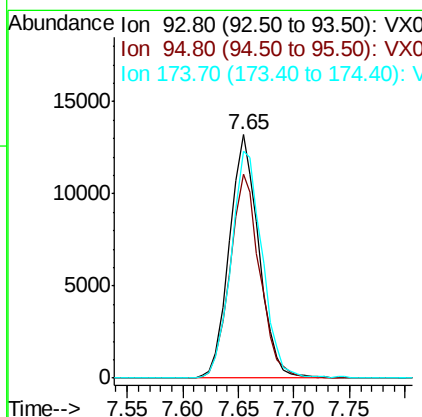
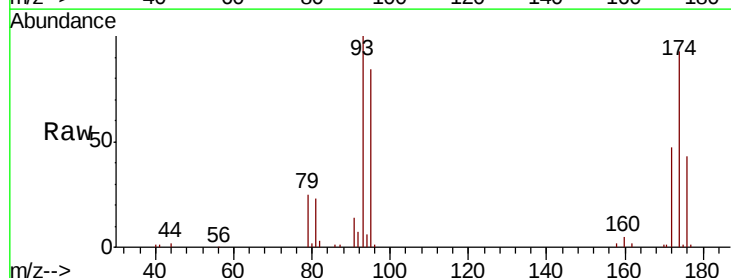
Tgt Ion: 93 Resp: 24142

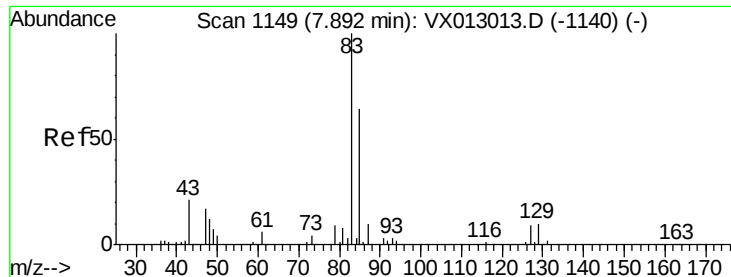
Ion Ratio Lower Upper

93 100

95 85.2 66.3 99.5

174 98.5 77.8 116.6





#47

Bromodichloromethane

Concen: 20.573 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

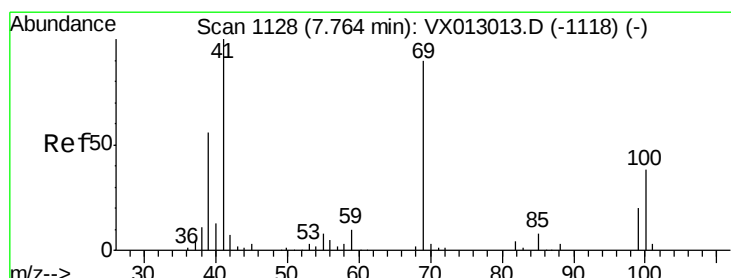
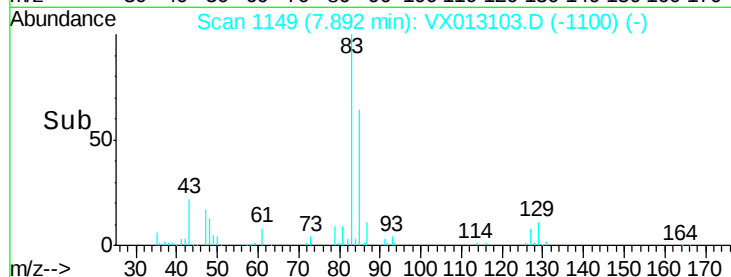
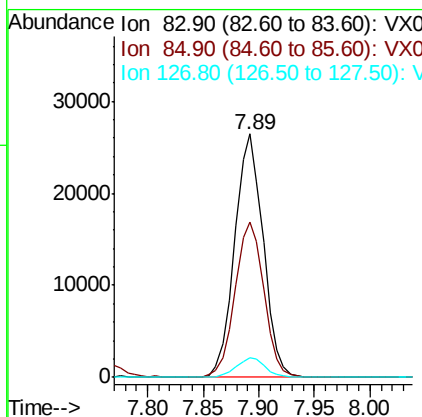
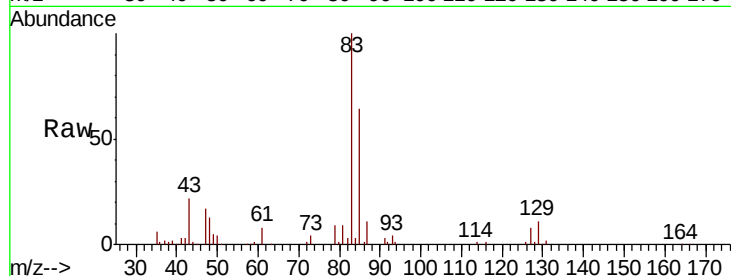
ClientSampleId :

VX1017WBS01

Tot Ion:	83	Resp:	46901
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.4	78.6
127	8.0	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#48

Methyl methacrylate

Concen: 19.422 ug/l

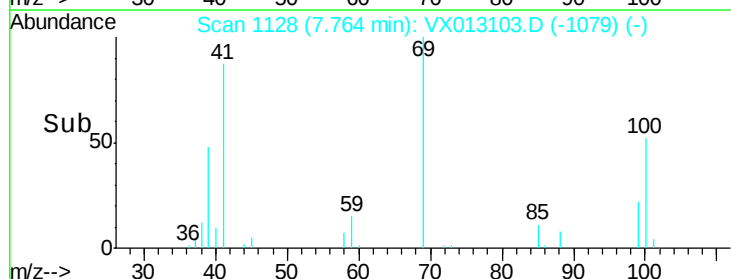
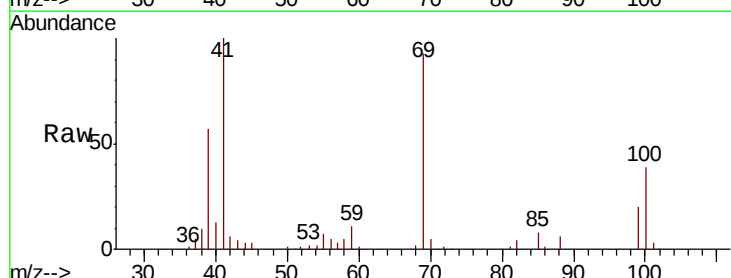
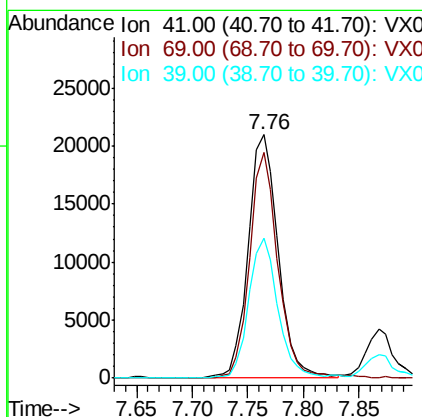
RT: 7.76 min Scan# 1128

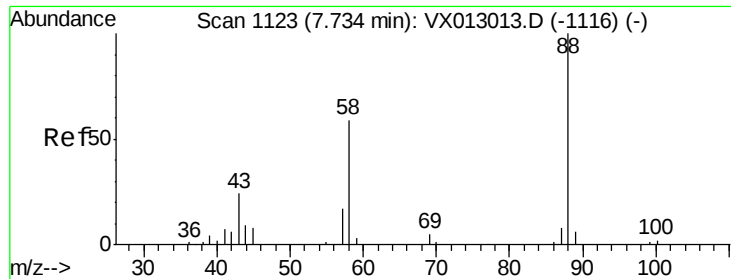
Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion:	41	Resp:	39566
Ion	Ratio	Lower	Upper
41	100		
69	87.7	68.7	103.1
39	56.3	44.3	66.5





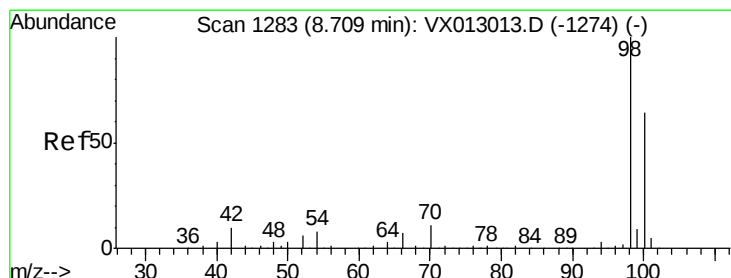
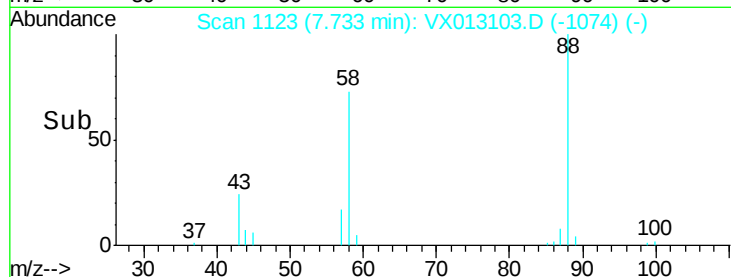
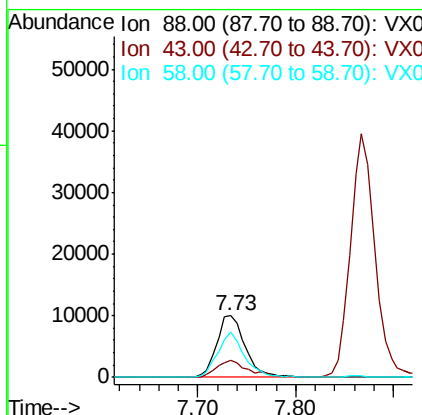
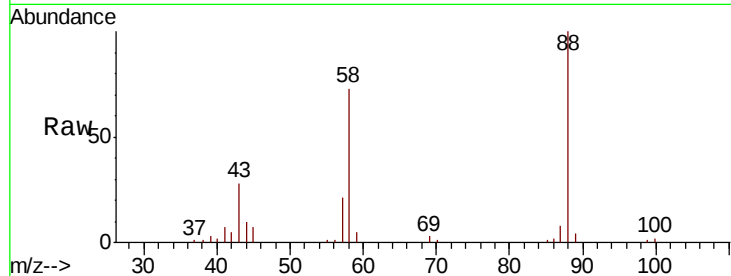
#49
1,4-Dioxane
Concen: 392.663 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.0	37.6
58	69.0	55.4	83.2

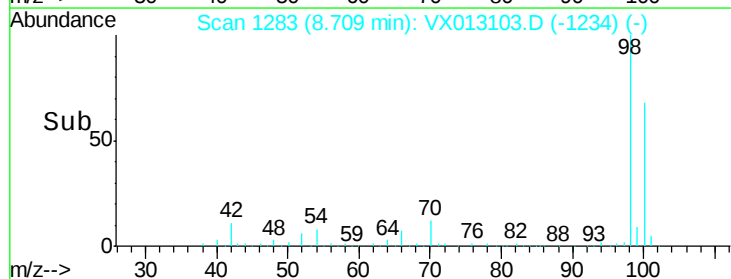
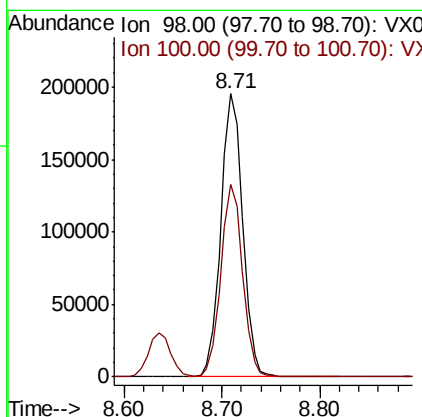
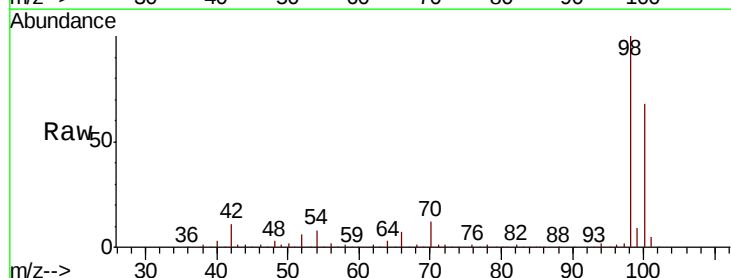
Manual Integrations
APPROVED

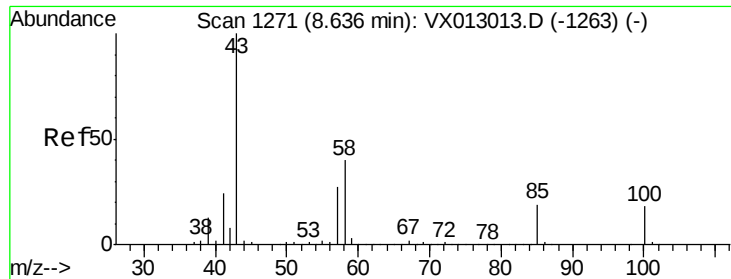
MMDadoda
10/18/2019 10:05:31 AM



#50
Toluene-d8
Concen: 51.343 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 101.410 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 43 Resp: 264313

Ion Ratio Lower Upper

43 100

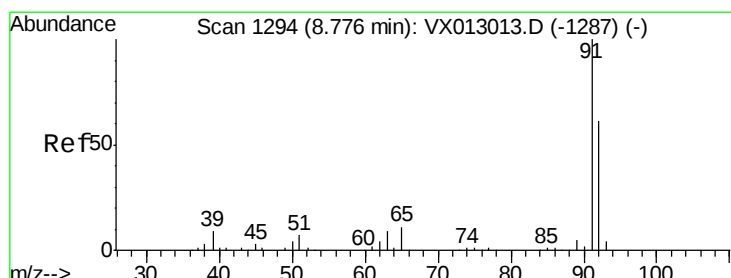
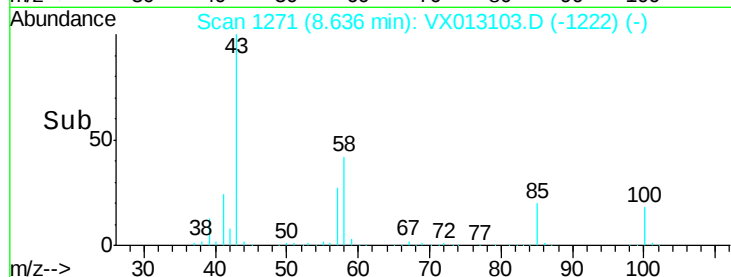
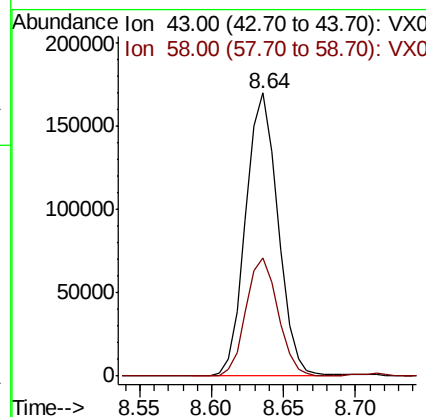
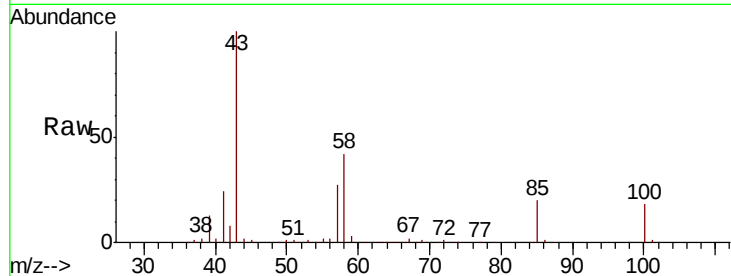
58 41.3 32.4 48.6

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



#52

Toluene

Concen: 19.898 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013103.D

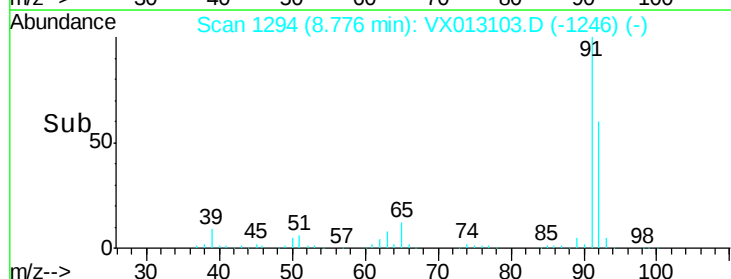
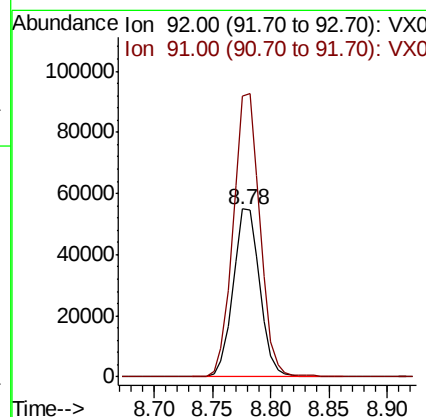
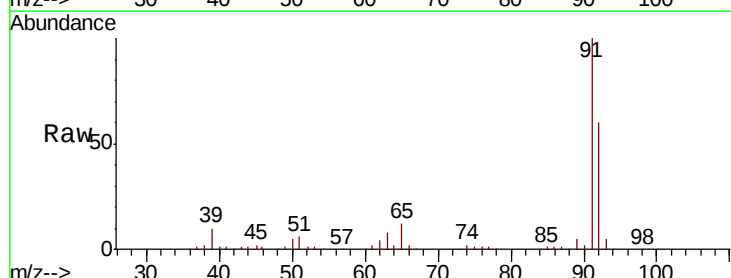
Acq: 17 Oct 2019 13:38

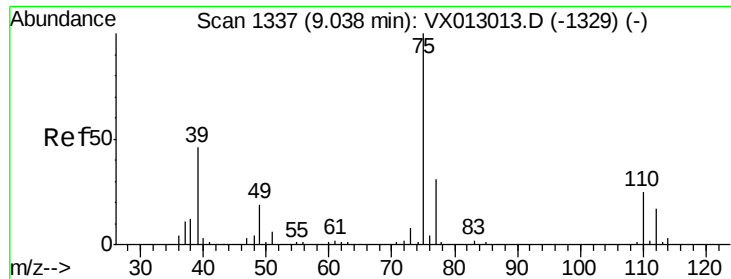
Tgt Ion: 92 Resp: 87577

Ion Ratio Lower Upper

92 100

91 169.7 135.9 203.9





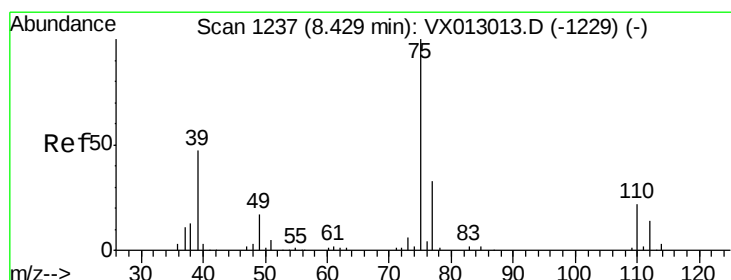
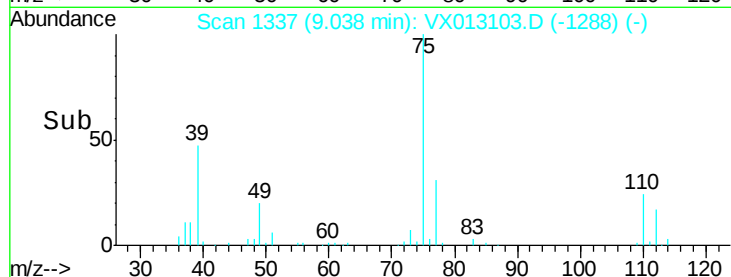
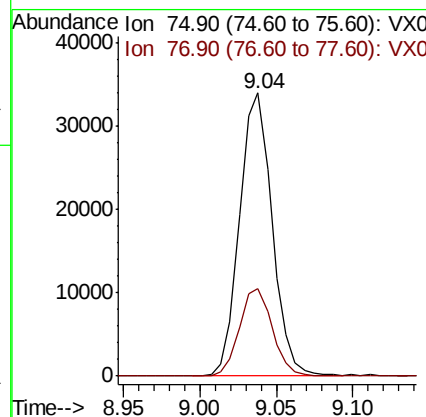
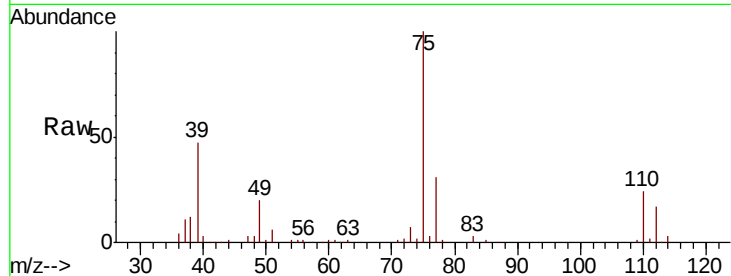
#53
t-1,3-Dichloropropene
Concen: 19.034 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion: 75 Resp: 50157
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.6

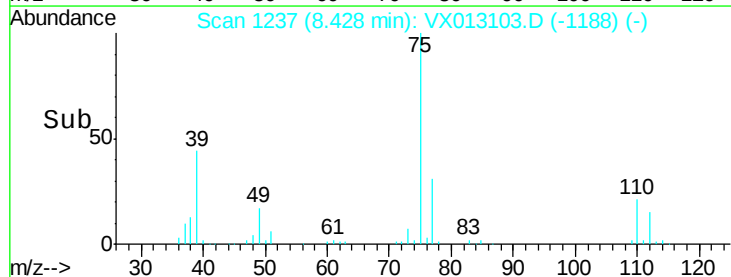
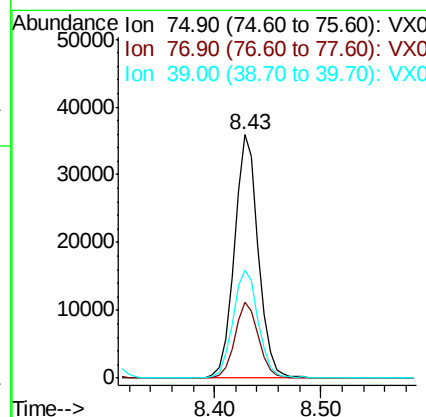
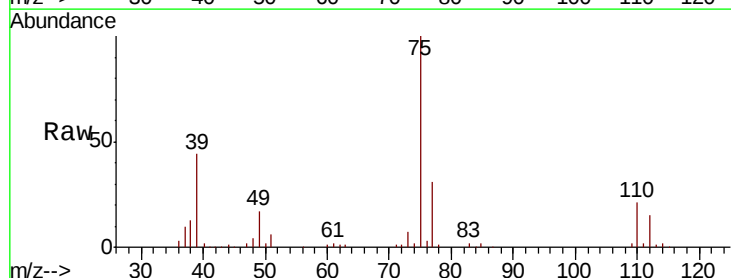
Manual Integrations
APPROVED

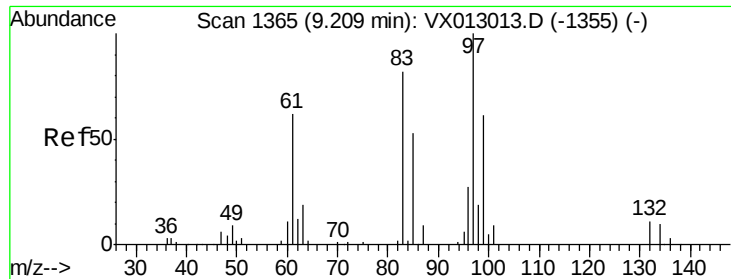
MMDadoda
10/18/2019 10:05:31 AM



#54
cis-1,3-Dichloropropene
Concen: 20.111 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 75 Resp: 56389
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 44.4 38.2 57.2





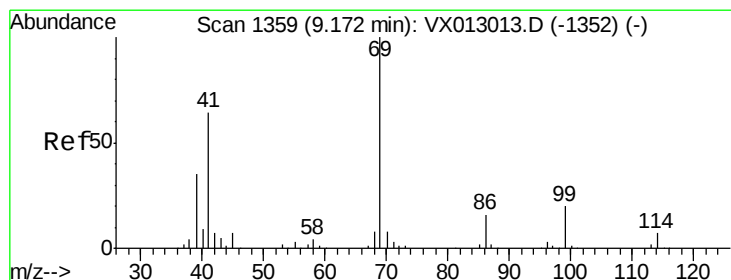
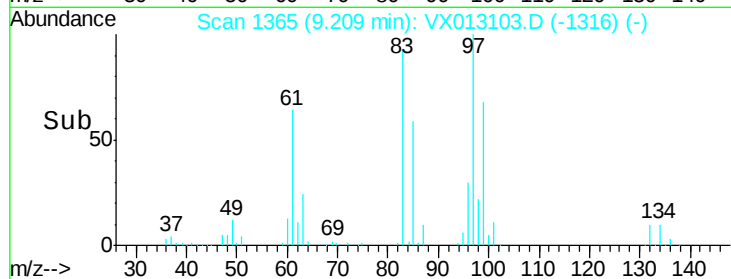
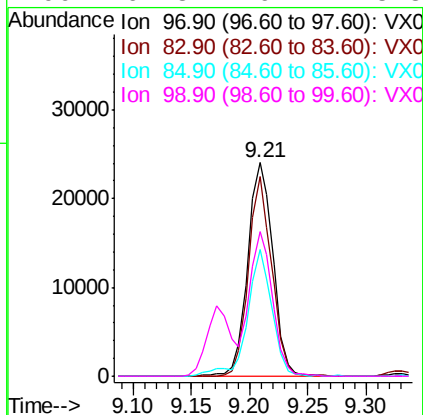
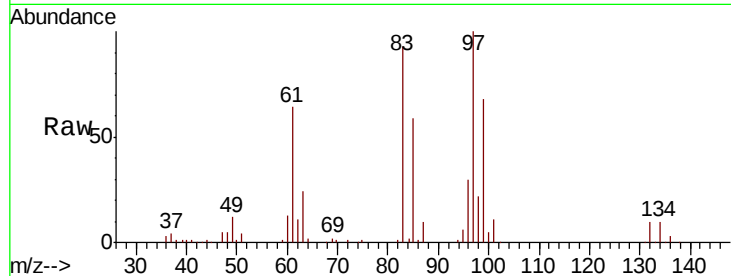
#55
 1,1,2-Trichloroethane
 Concen: 20.926 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion:	97	Resp:	36447
Ion	Ratio	Lower	Upper
97	100		
83	93.4	66.5	99.7
85	59.4	43.1	64.7
99	67.8	49.2	73.8

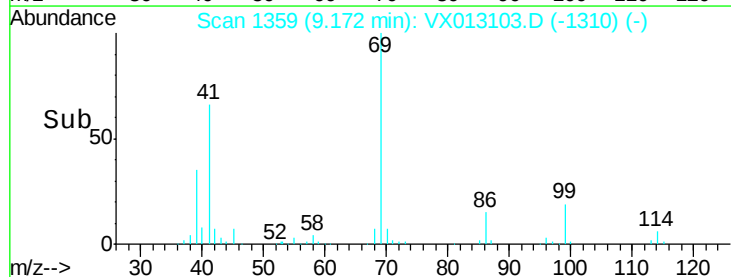
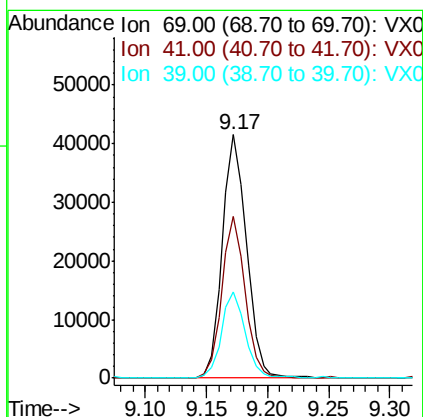
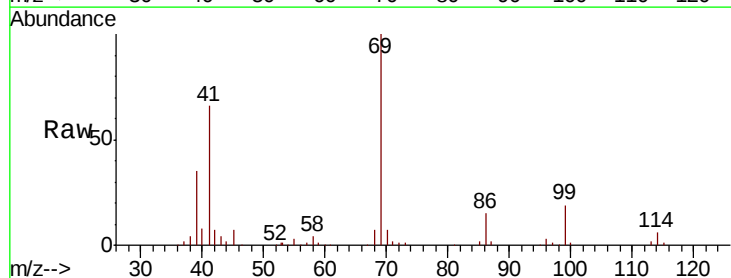
Manual Integrations
 APPROVED

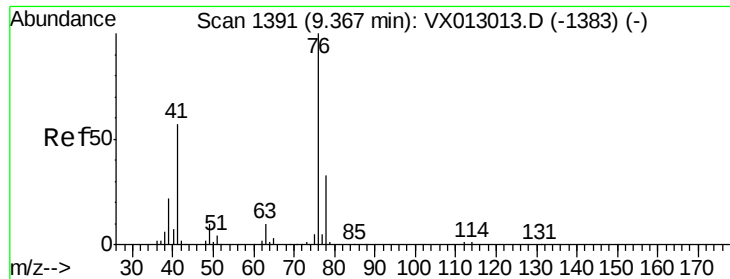
MMDadoda
 10/18/2019 10:05:31 AM



#56
 Ethyl methacrylate
 Concen: 19.568 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion:	69	Resp:	57423
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.1	78.1
39	35.2	27.8	41.8





#57

1,3-Dichloropropane

Concen: 20.387 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 76 Resp: 61425

Ion Ratio Lower Upper

76 100

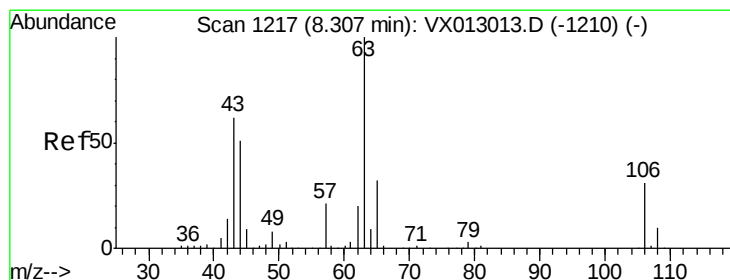
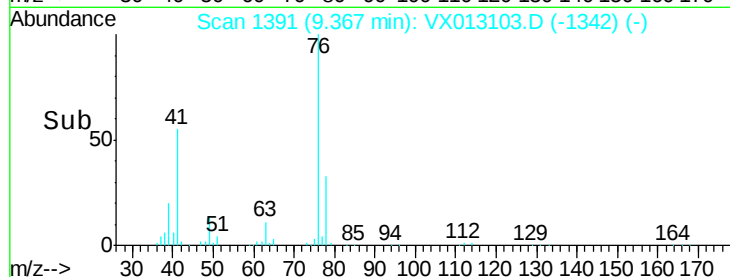
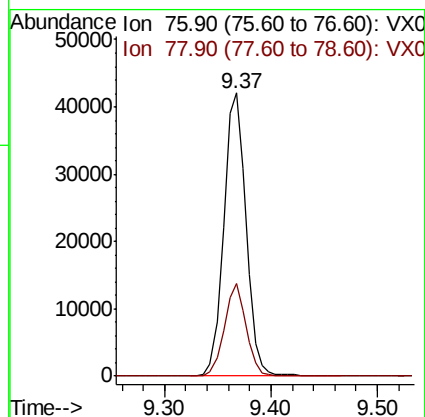
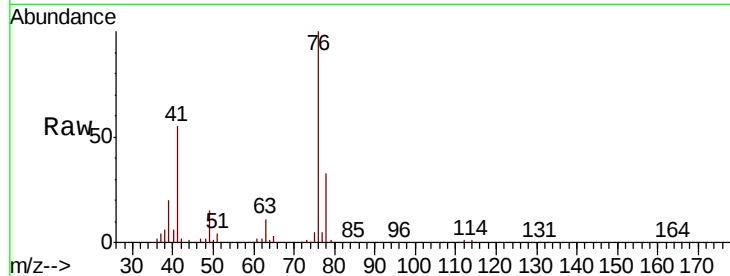
78 31.9 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:31 AM



#58

2-Chloroethyl Vinyl ether

Concen: 102.666 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013103.D

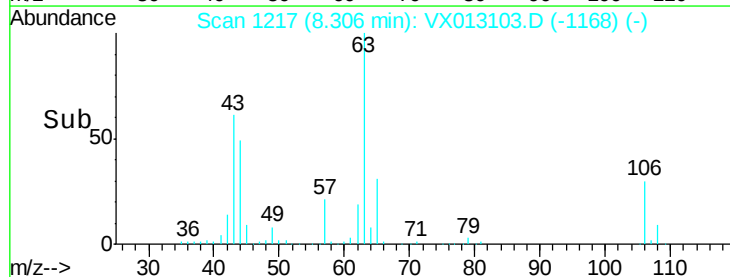
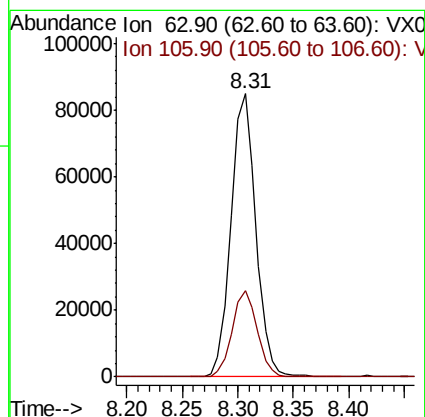
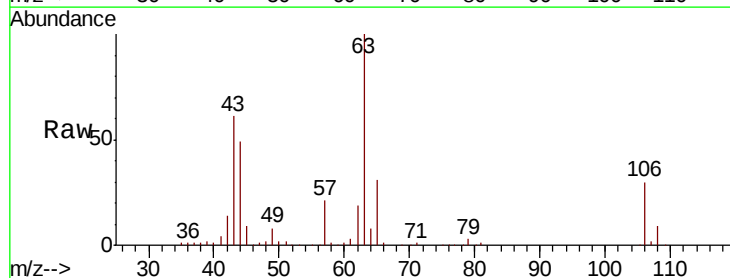
Acq: 17 Oct 2019 13:38

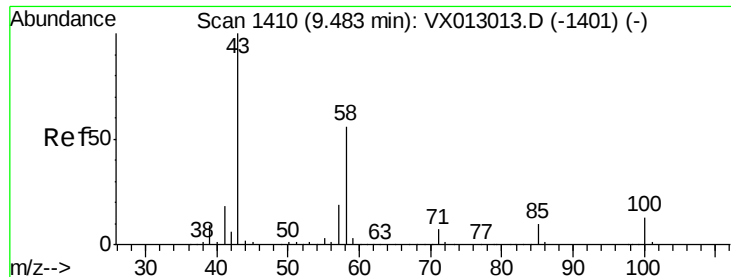
Tgt Ion: 63 Resp: 131364

Ion Ratio Lower Upper

63 100

106 30.6 23.8 35.8





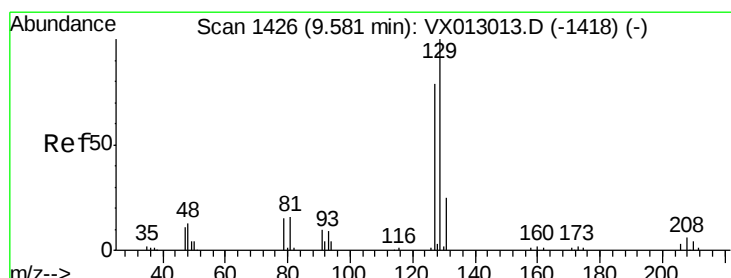
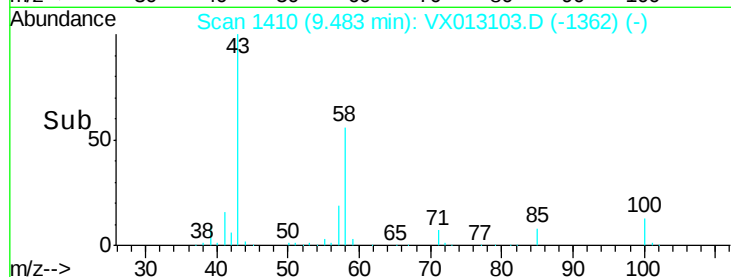
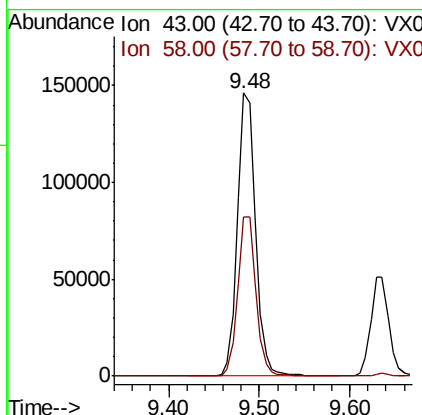
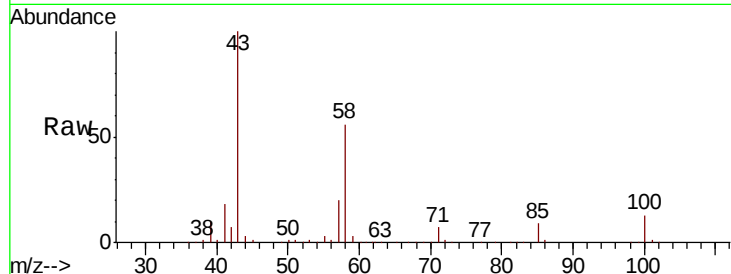
#59
2-Hexanone
Concen: 100.551 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.1	84.3

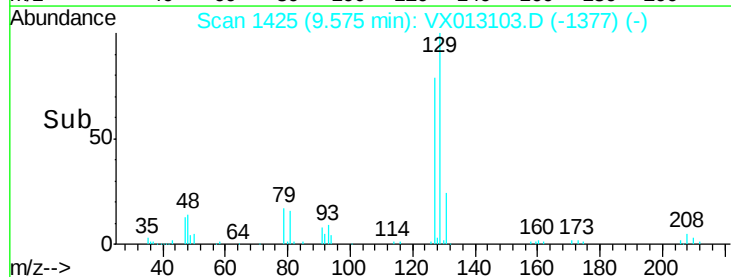
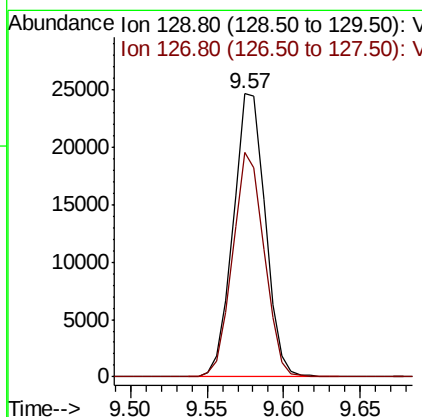
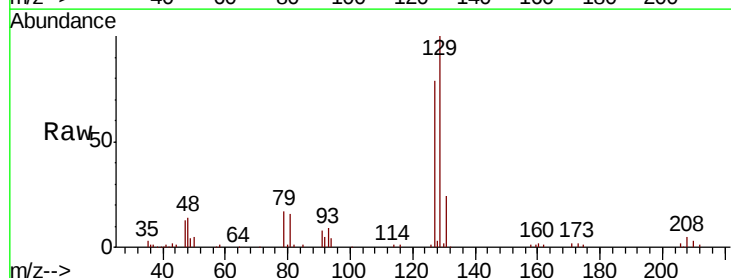
Manual Integrations
APPROVED

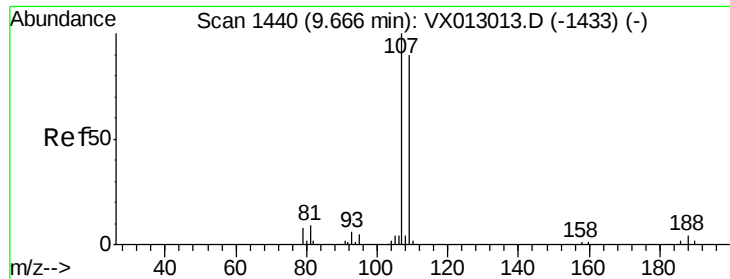
MMDadoda
10/18/2019 10:05:31 AM



#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.7





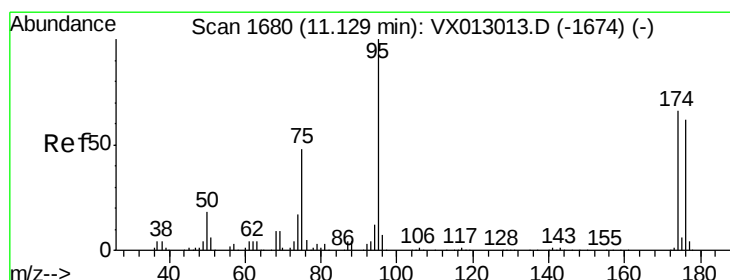
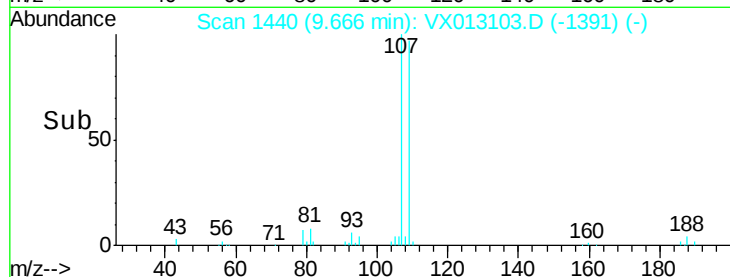
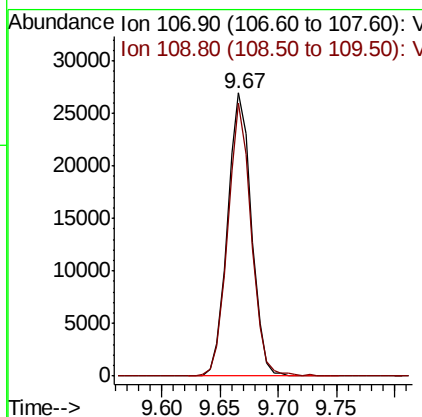
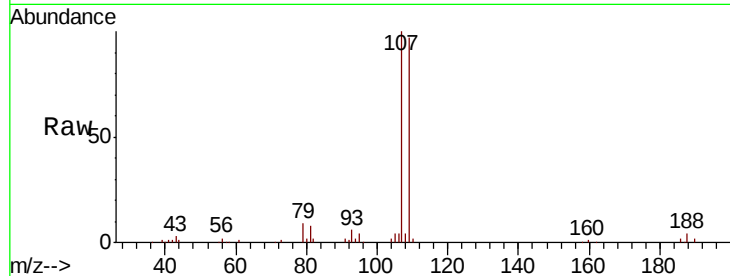
#61
 1,2-Dibromoethane
 Concen: 20.992 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion: 107 Resp: 38463
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.8 113.6

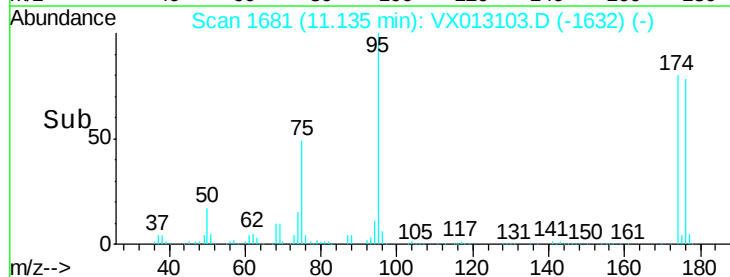
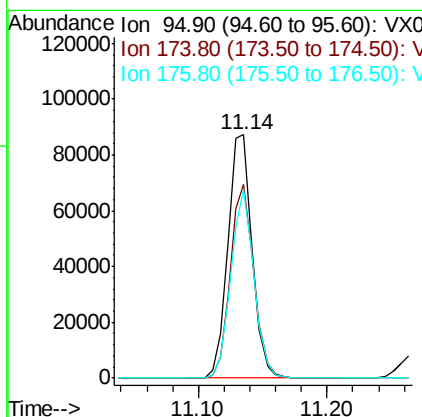
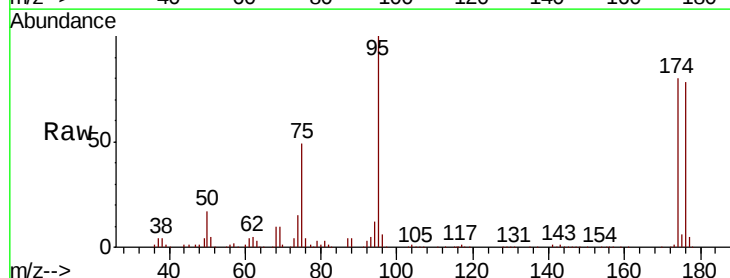
Manual Integrations
 APPROVED

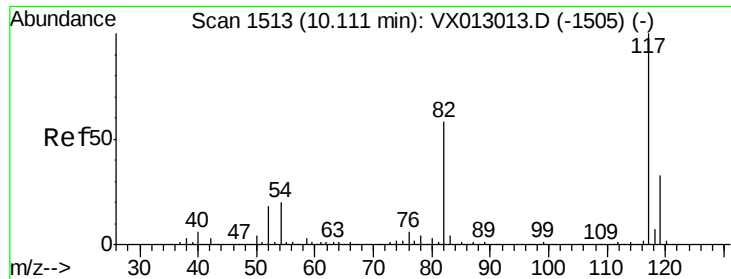
MMDadoda
 10/18/2019 10:05:31 AM



#62
 4-Bromofluorobenzene
 Concen: 50.095 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 95 Resp: 115436
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 143.4
 176 73.6 0.0 136.0





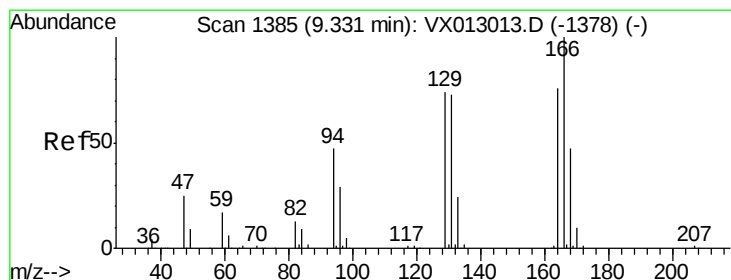
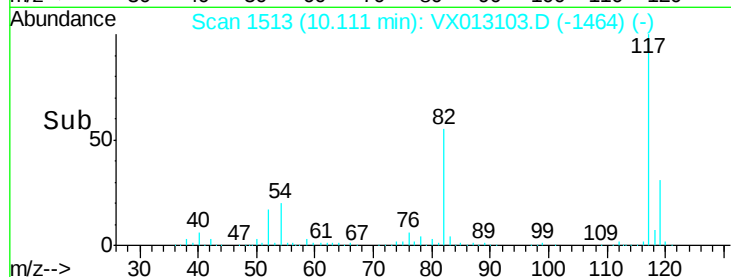
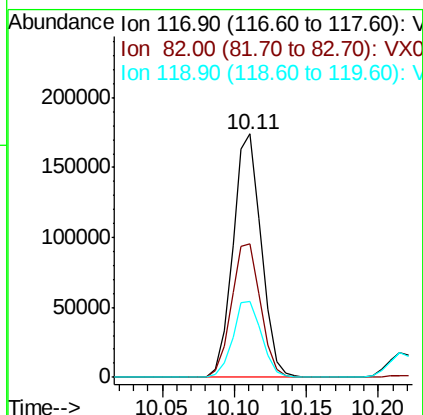
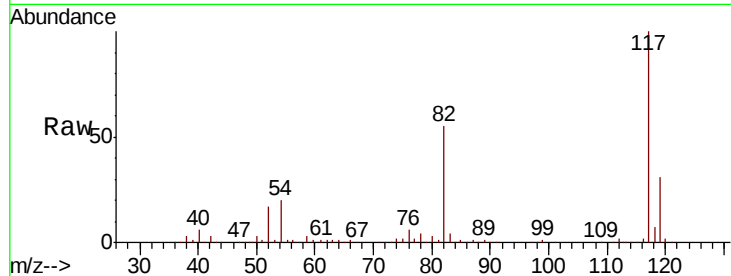
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.1	66.1
119	31.4	25.8	38.8

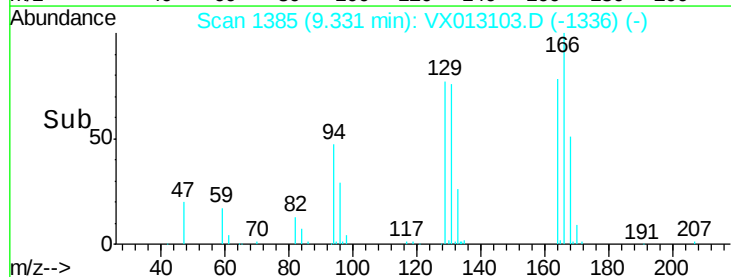
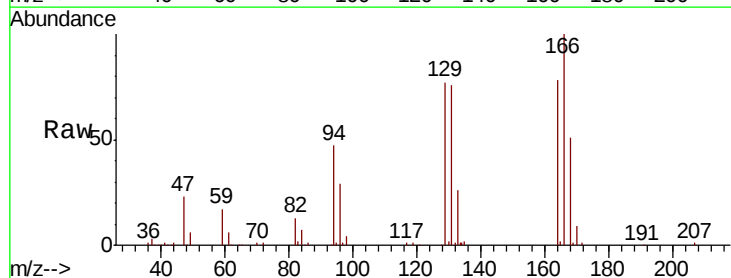
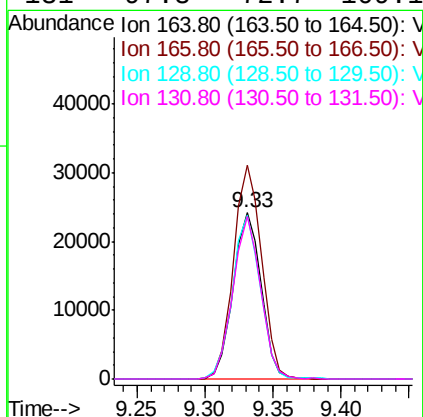
Manual Integrations
APPROVED

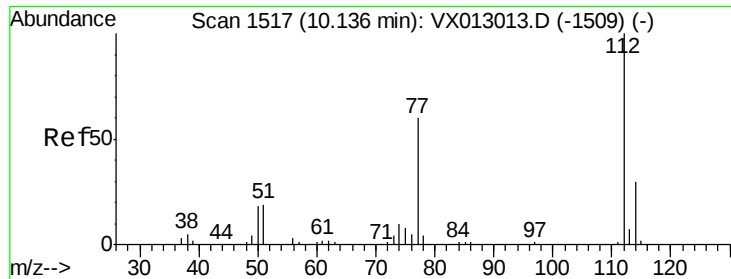
MMDadoda
10/18/2019 10:05:31 AM



#64
Tetrachloroethene
Concen: 20.909 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	96.9	145.3
129	99.1	77.9	116.9
131	97.8	72.7	109.1





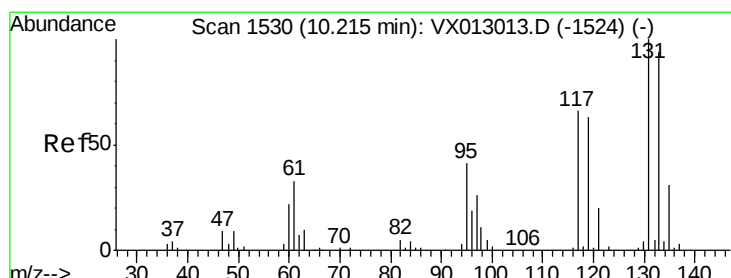
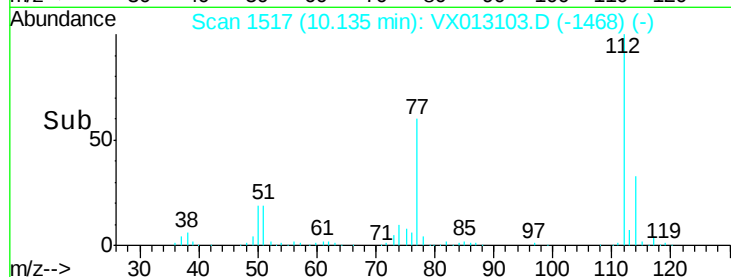
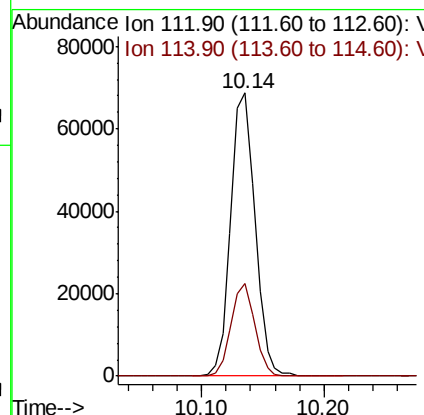
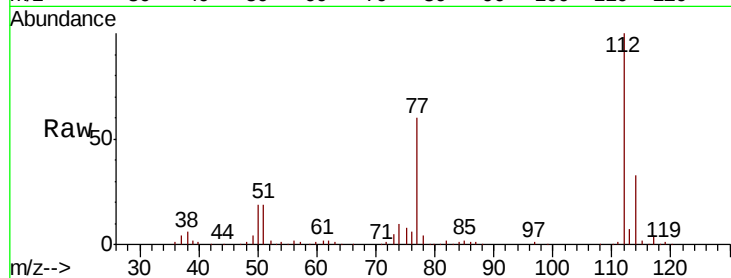
#65
Chlorobenzene
Concen: 20.003 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion:112 Resp: 94703
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

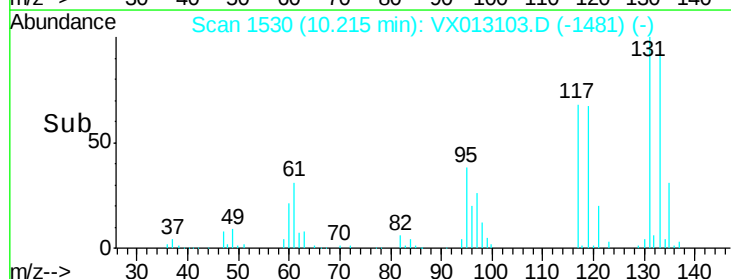
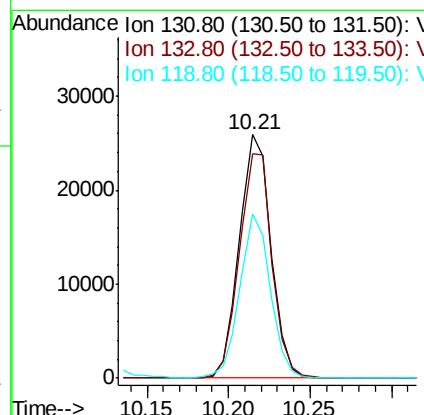
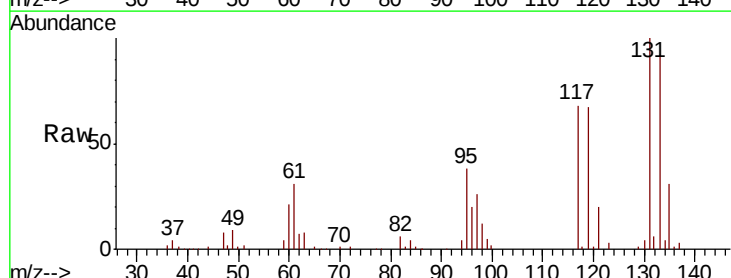
Manual Integrations
APPROVED

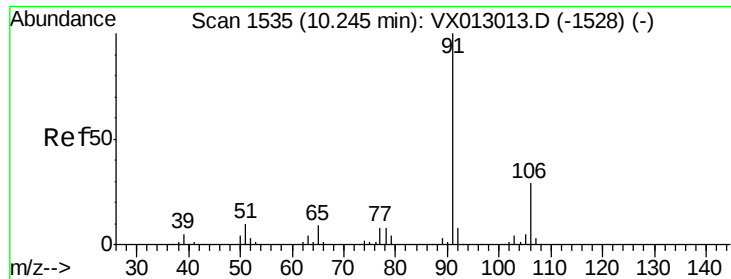
MMDadoda
10/18/2019 10:05:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.339 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion:131 Resp: 35030
Ion Ratio Lower Upper
131 100
133 94.7 47.2 141.6
119 65.2 32.6 98.0





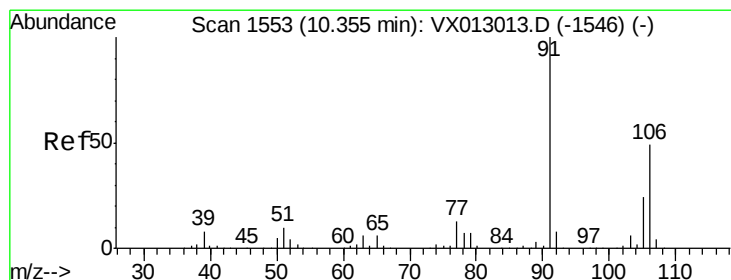
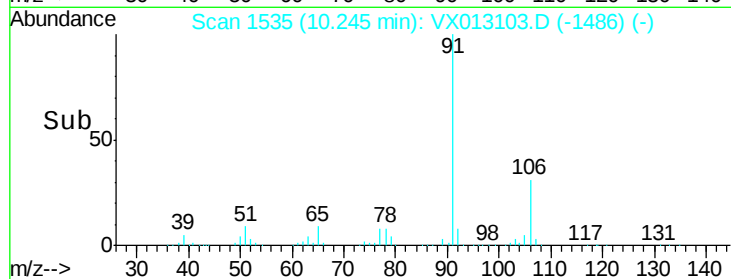
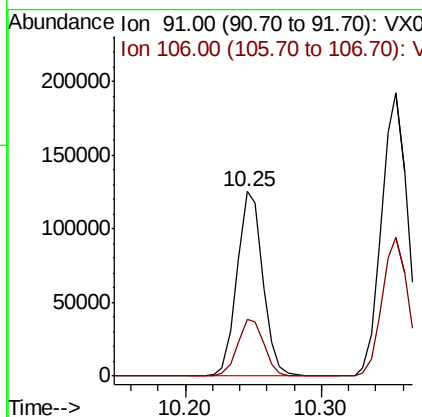
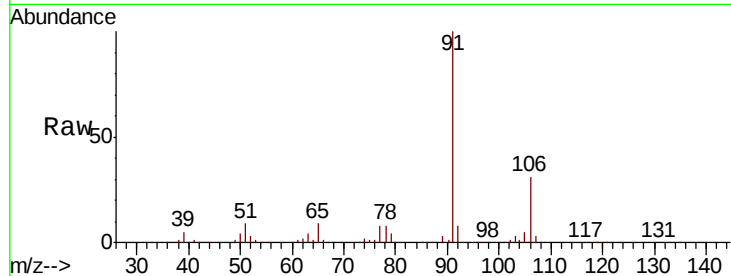
#67
Ethyl Benzene
Concen: 19.732 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion: 91 Resp: 165946
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9

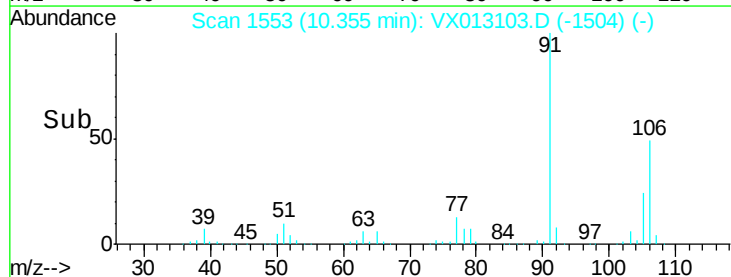
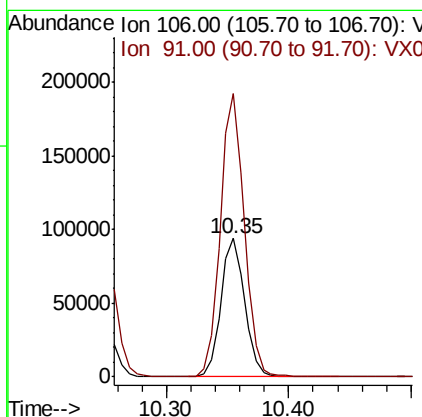
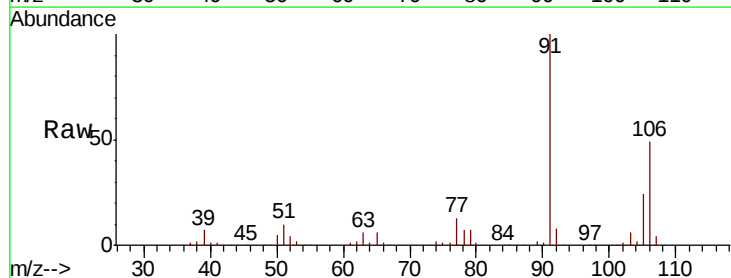
Manual Integrations
APPROVED

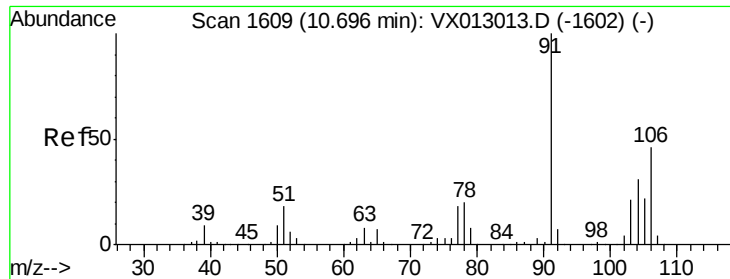
MMDadoda
10/18/2019 10:05:31 AM



#68
m/p-Xylenes
Concen: 40.334 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion: 106 Resp: 126718
Ion Ratio Lower Upper
106 100
91 205.6 165.3 247.9





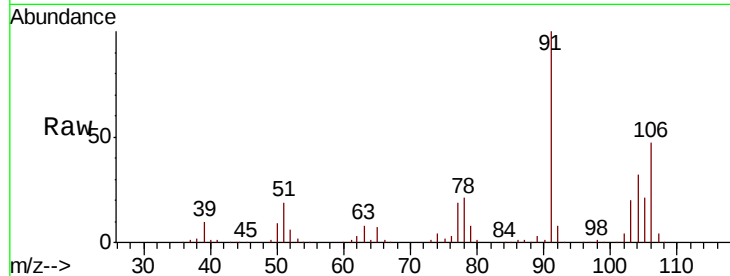
#69
o-Xylene
Concen: 20.129 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

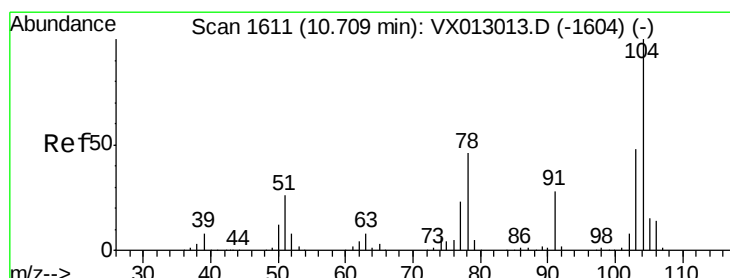
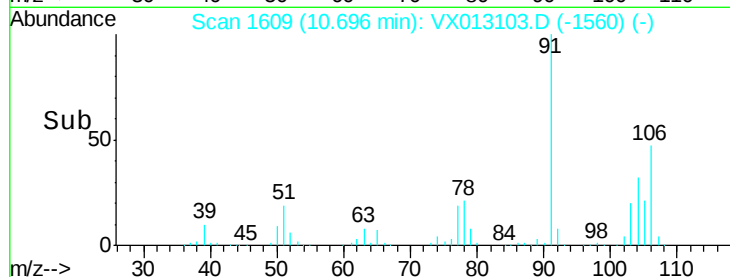
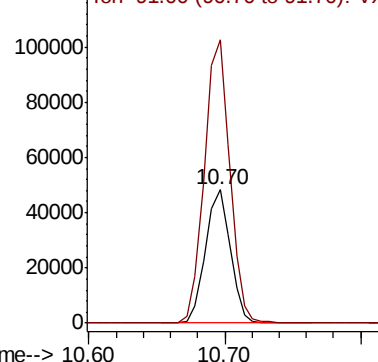
Tot Ion:106 Resp: 61670
Ion Ratio Lower Upper
106 100
91 216.5 109.1 327.3

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM

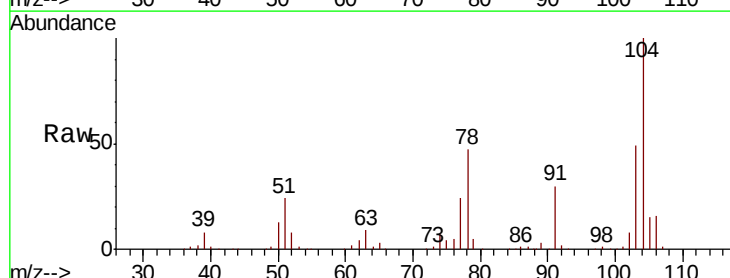


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

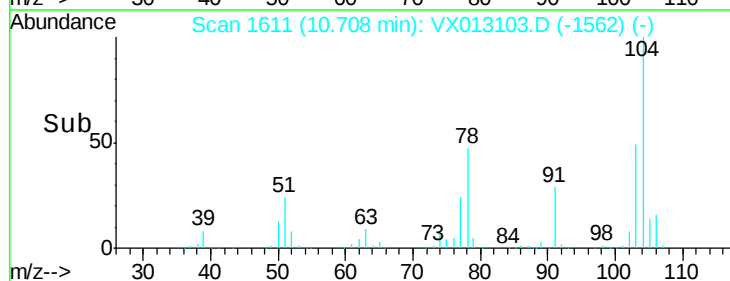
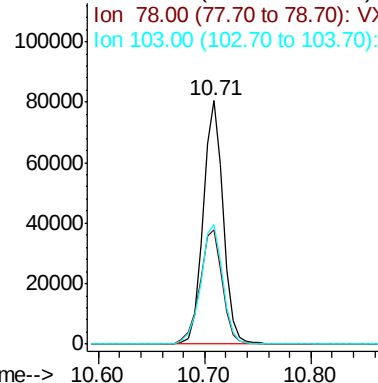


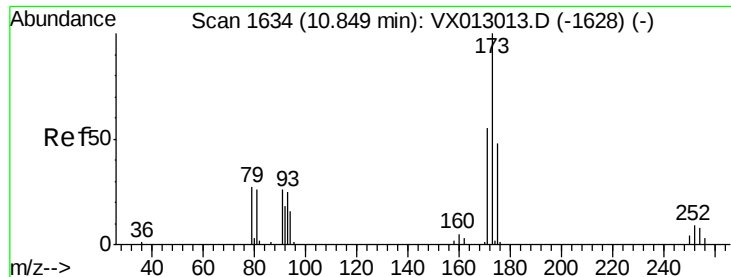
#70
Styrene
Concen: 20.345 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion:104 Resp: 105964
Ion Ratio Lower Upper
104 100
78 52.6 41.2 61.8
103 54.1 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.125 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

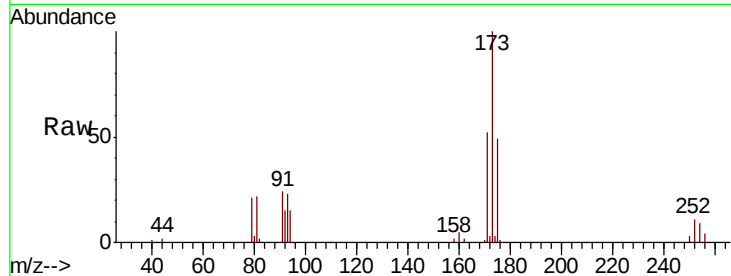
ClientSampleId :

VX1017WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.3
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM

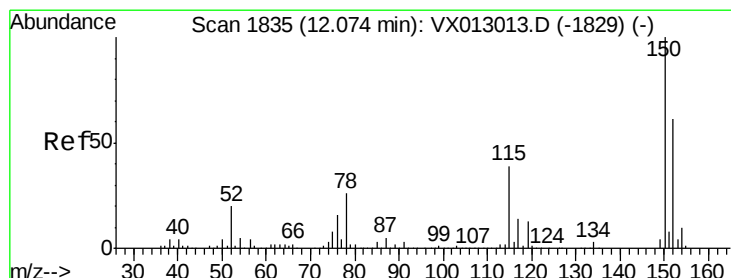
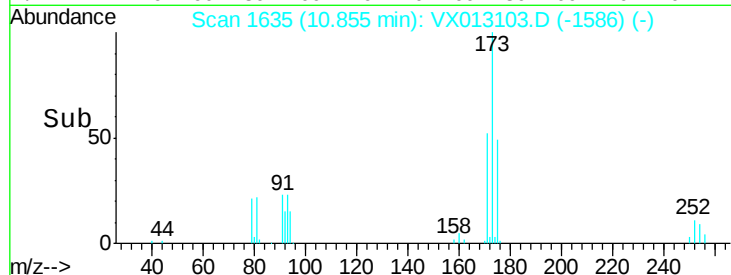
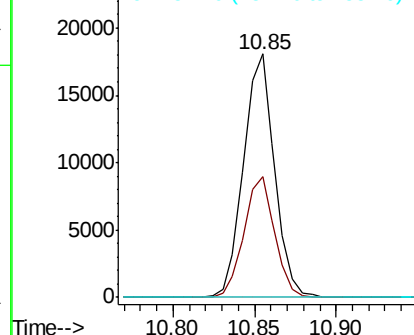


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

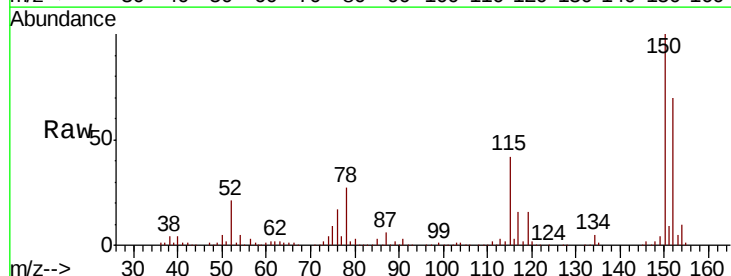
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.9	44.5	133.5
150	158.8	0.0	353.4

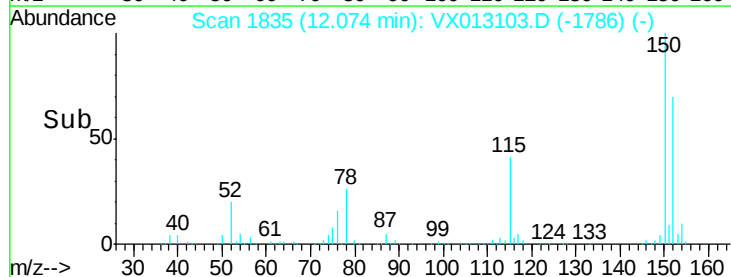
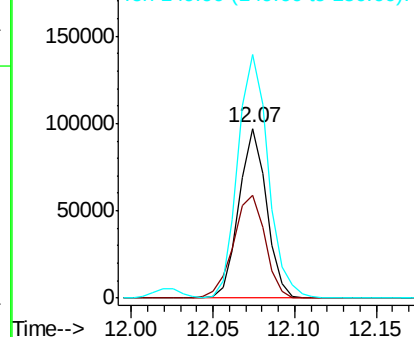


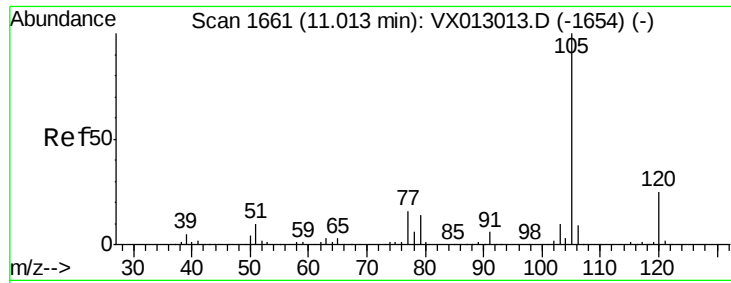
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.591 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion: 105 Resp: 164798

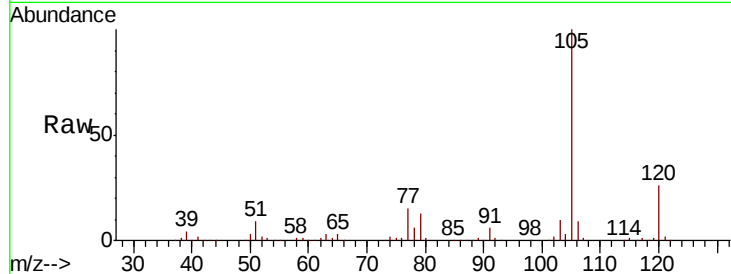
Ion Ratio Lower Upper

105 100

120 26.7 13.0 39.0

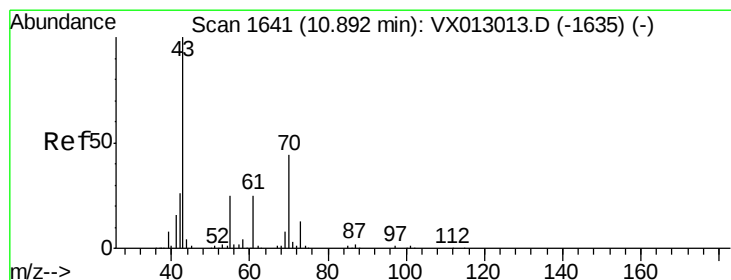
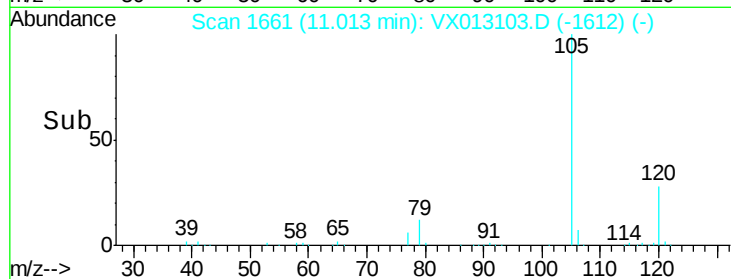
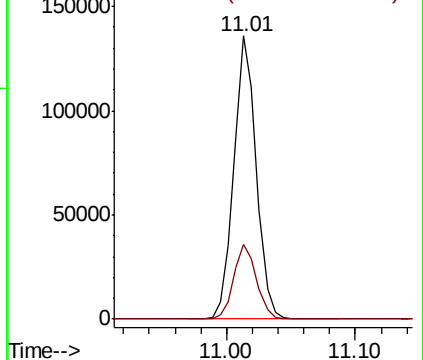
Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.702 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion: 43 Resp: 67754

Ion Ratio Lower Upper

43 100

70 45.2 36.4 54.6

55 25.4 20.2 30.2

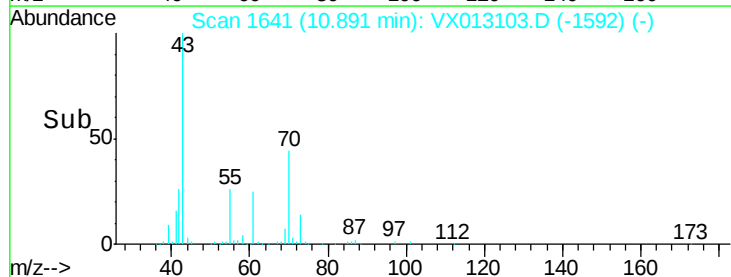
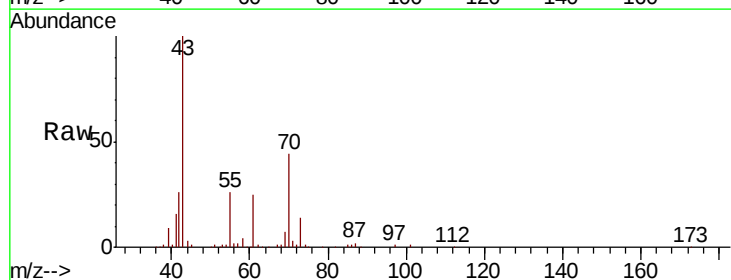
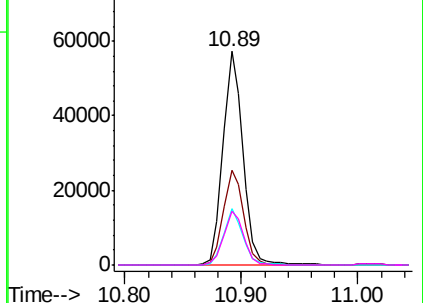
61 25.3 20.5 30.7

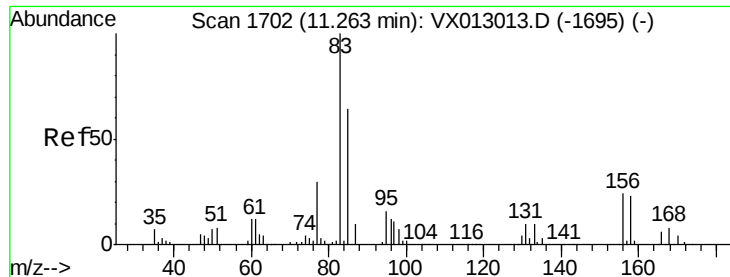
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.019 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

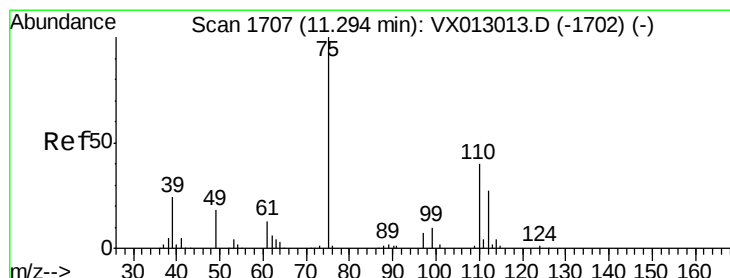
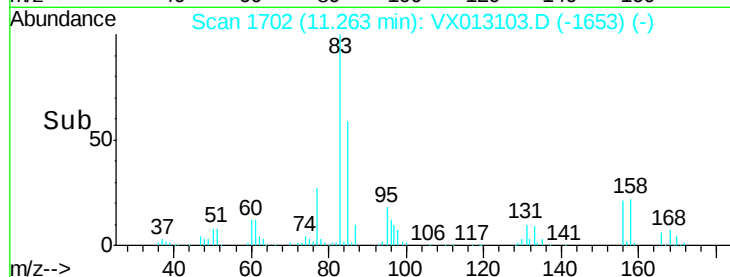
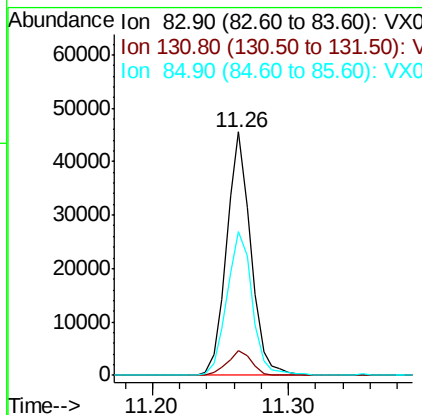
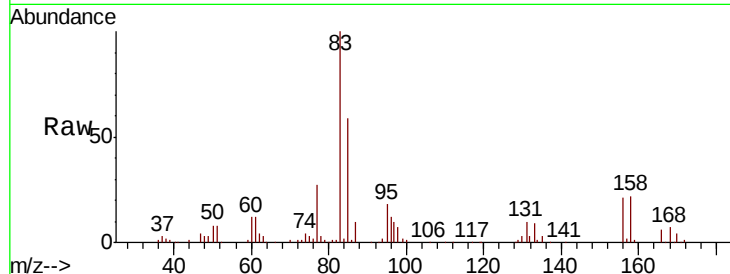
ClientSampleId :

VX1017WBS01

Tot Ion:	83	Resp:	56011
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	62.0	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#76

1,2,3-Trichloropropane

Concen: 20.219 ug/l m

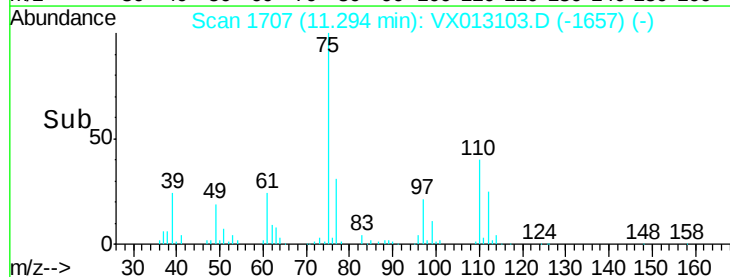
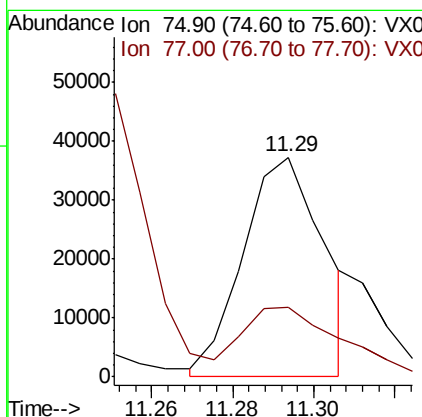
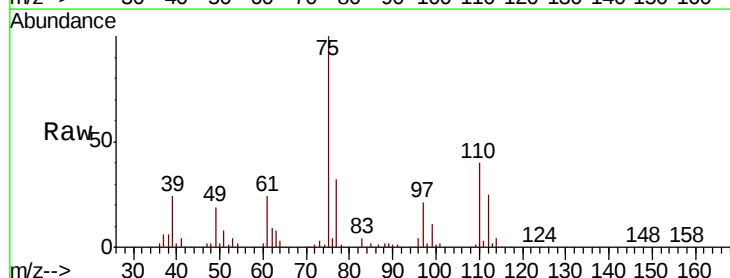
RT: 11.29 min Scan# 1707

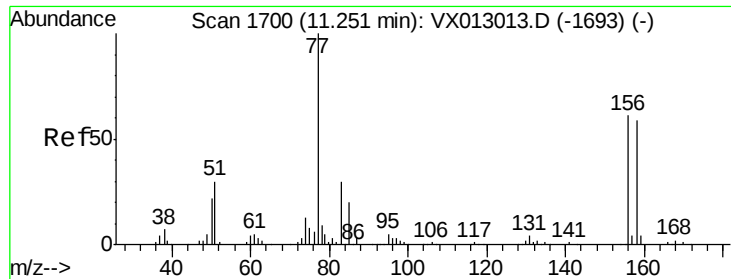
Delta R.T. 0.01 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion:	75	Resp:	51311
Ion Ratio	Lower	Upper	
75	100		
77	39.1	22.9	68.8





#77

Bromobenzene

Concen: 19.508 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion:156 Resp: 38671

Ion Ratio Lower Upper

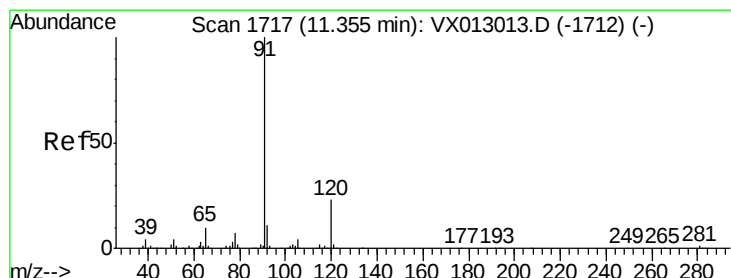
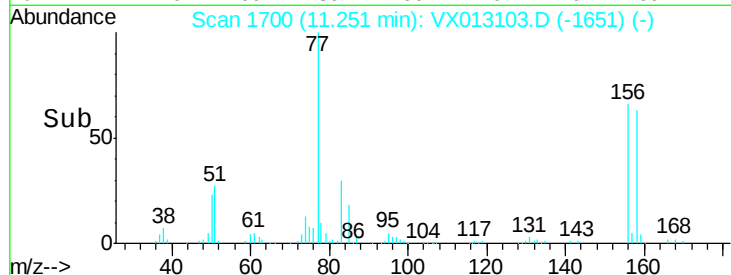
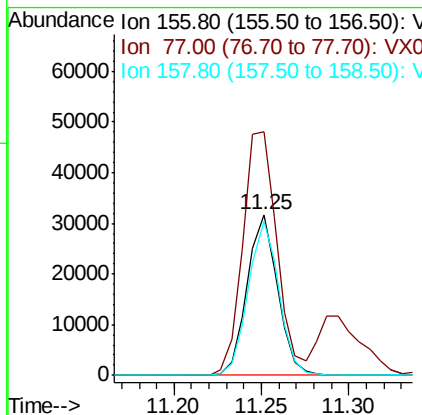
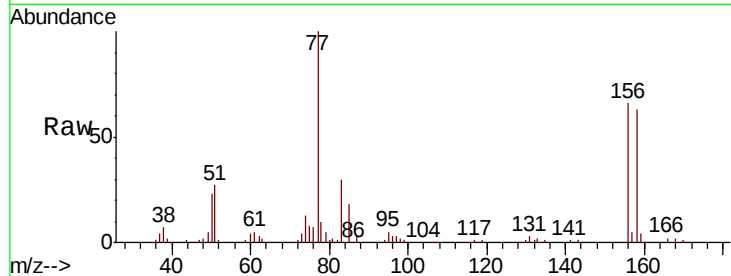
156 100

77 169.9 83.7 251.0

158 96.8 48.6 145.9

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#78

n-propylbenzene

Concen: 19.970 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013103.D

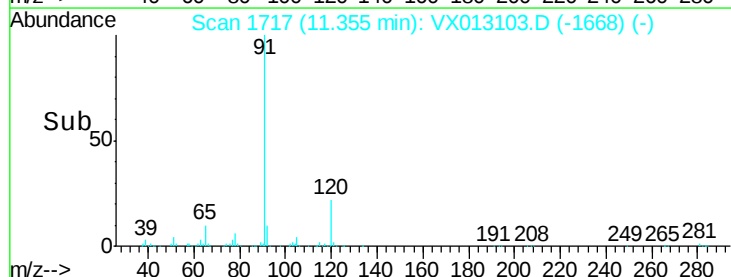
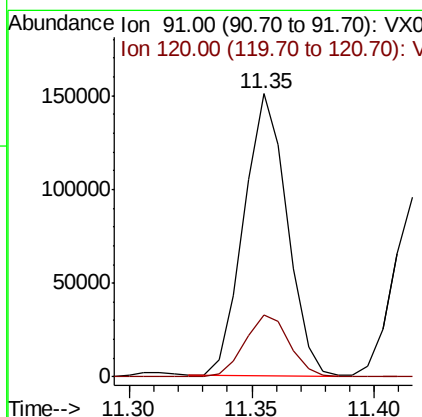
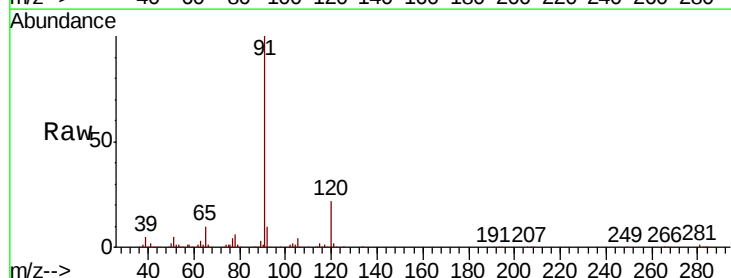
Acq: 17 Oct 2019 13:38

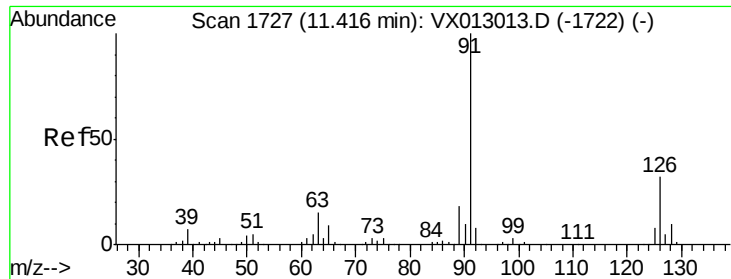
Tgt Ion: 91 Resp: 184852

Ion Ratio Lower Upper

91 100

120 22.8 11.7 35.1





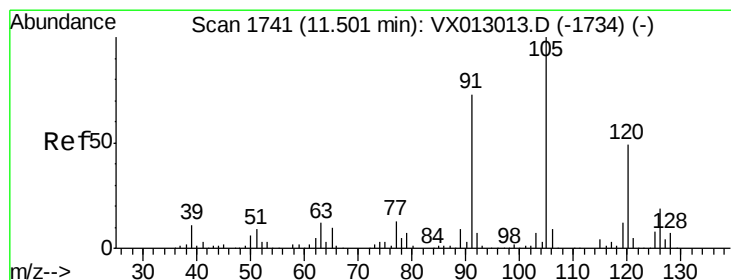
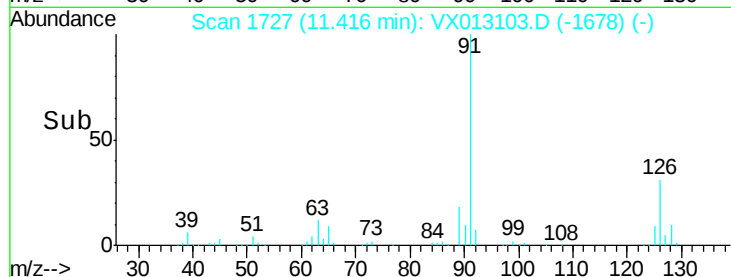
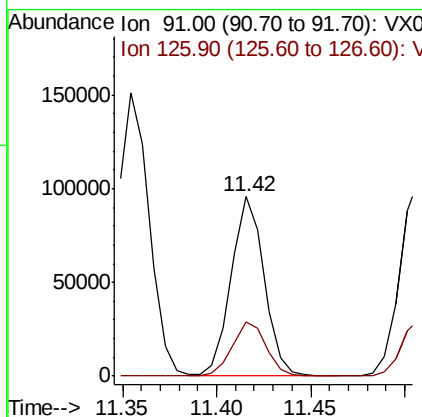
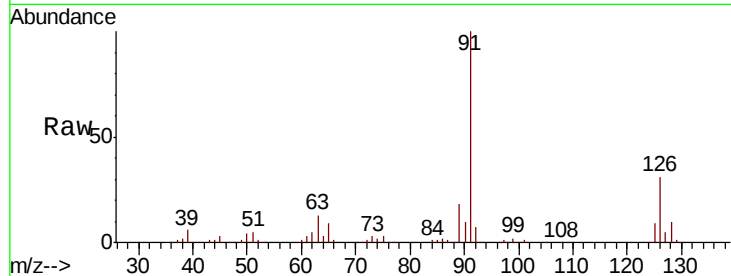
#79
 2-Chlorotoluene
 Concen: 19.909 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion: 91 Resp: 115814
 Ion Ratio Lower Upper
 91 100
 126 31.2 16.3 48.8

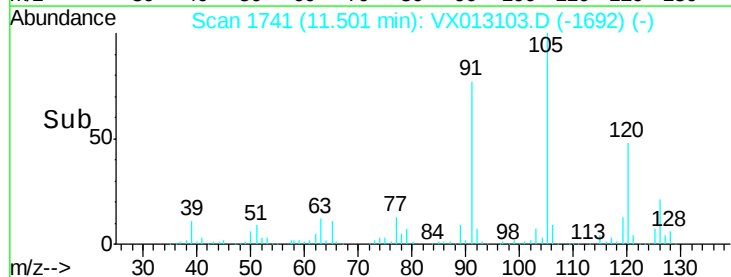
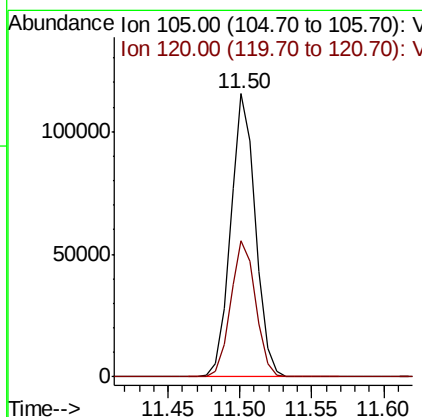
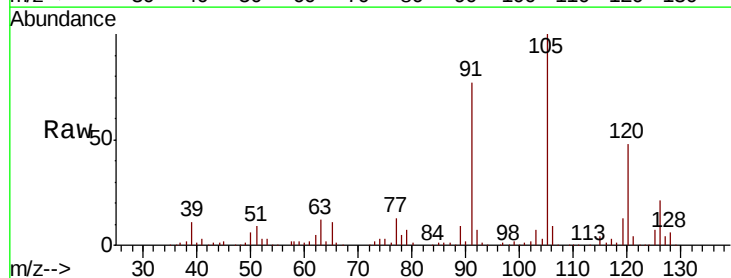
Manual Integrations
 APPROVED

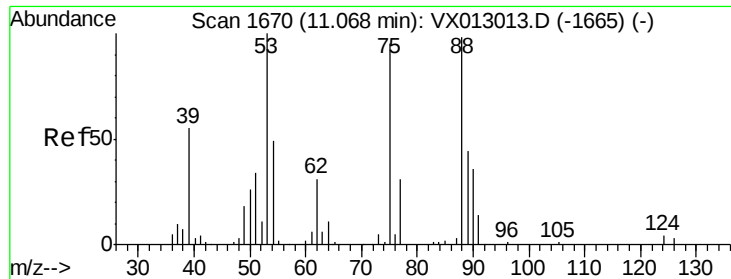
MMDadoda
 10/18/2019 10:05:31 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.817 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion: 105 Resp: 139199
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.639 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

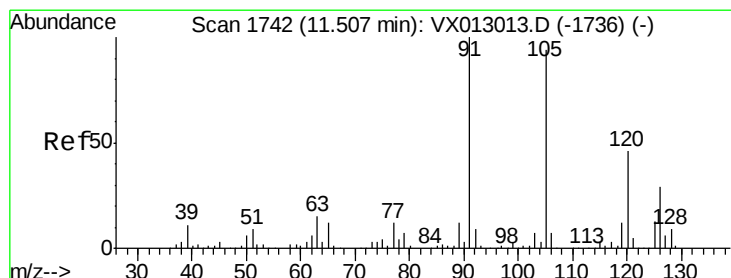
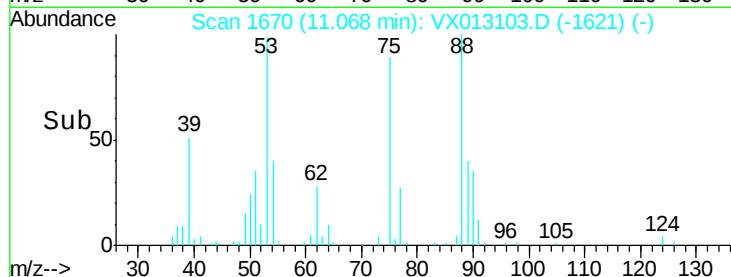
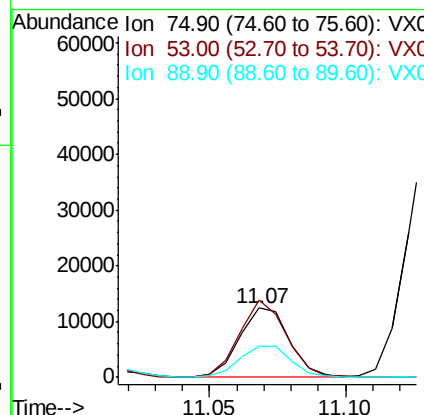
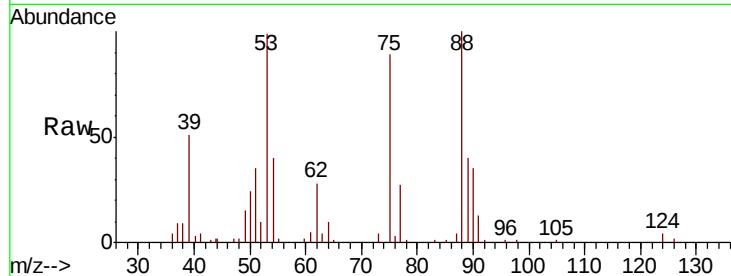
ClientSampleId :

VX1017WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.1	78.5	117.7
89	47.2	37.4	56.2

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#82

4-Chlorotoluene

Concen: 19.505 ug/l

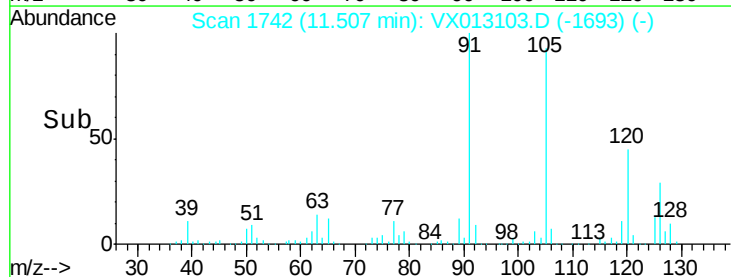
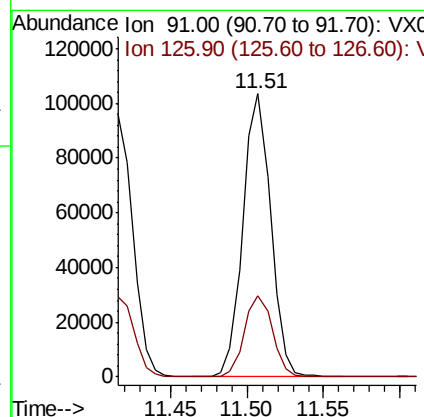
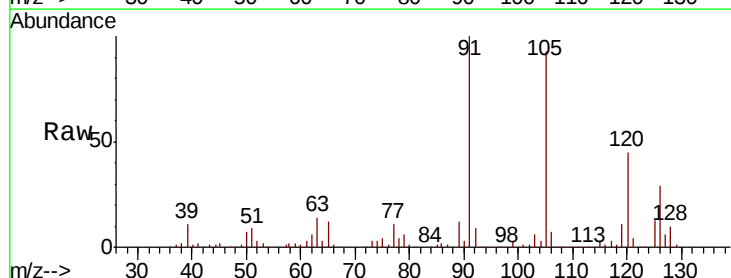
RT: 11.51 min Scan# 1742

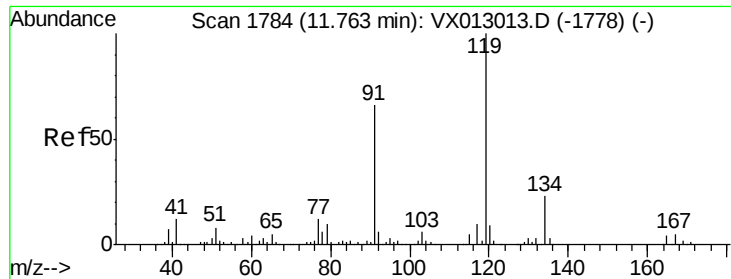
Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.2	42.6





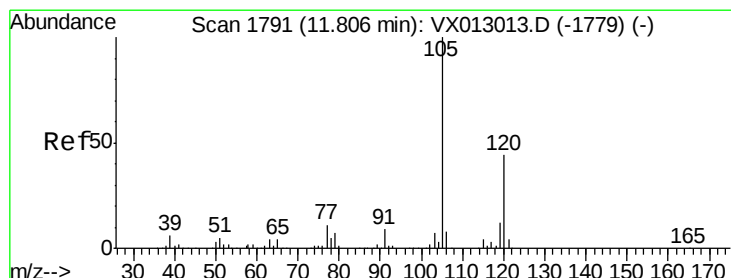
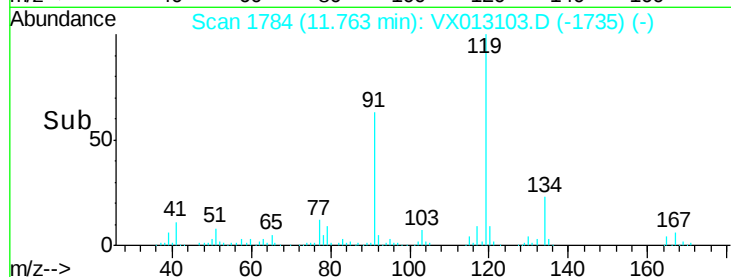
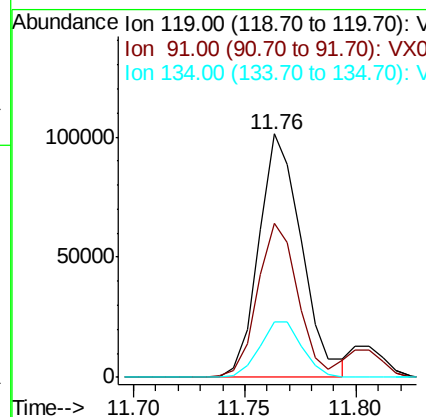
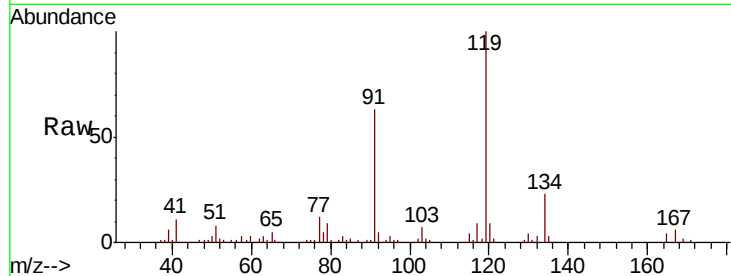
#83
tert-Butylbenzene
Concen: 19.733 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135205		
91	59.5	29.3	87.9	
134	22.9	11.5	34.4	

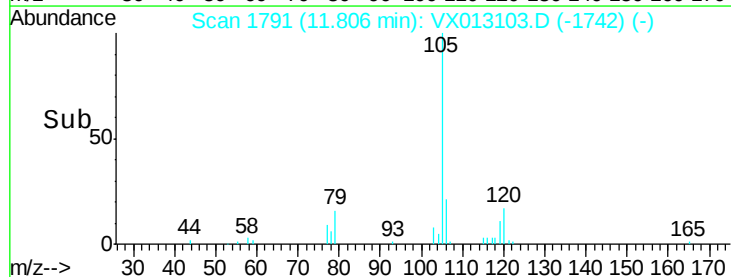
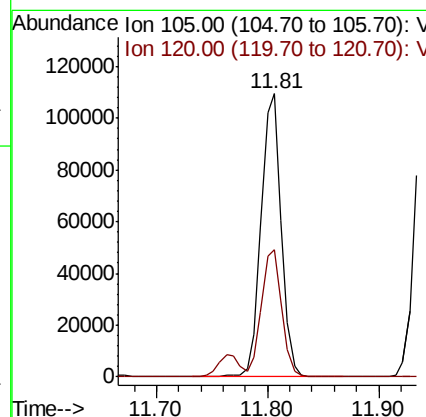
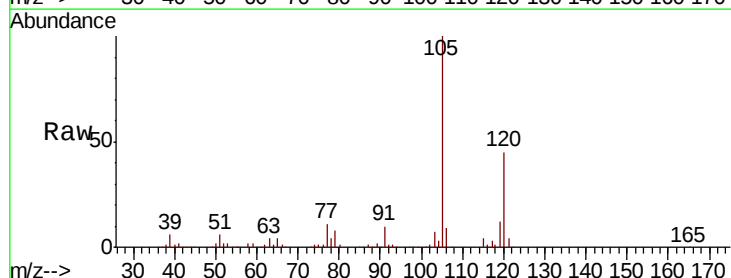
Manual Integrations
APPROVED

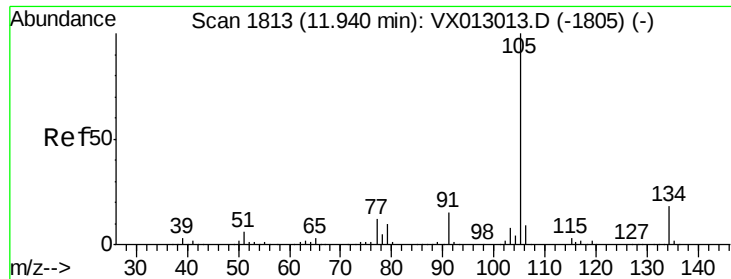
MMDadoda
10/18/2019 10:05:31 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.488 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138633		
120	45.1	21.8	65.3	





#85

sec-Butylbenzene

Concen: 19.819 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tot Ion:105 Resp: 157324

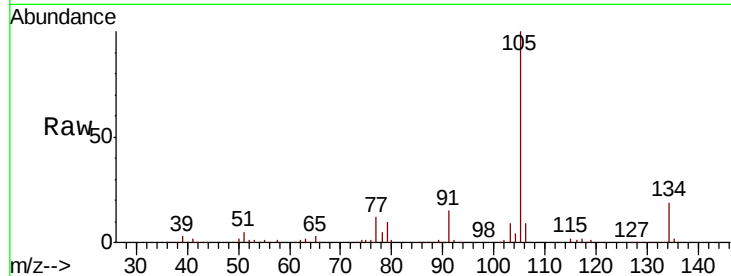
Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

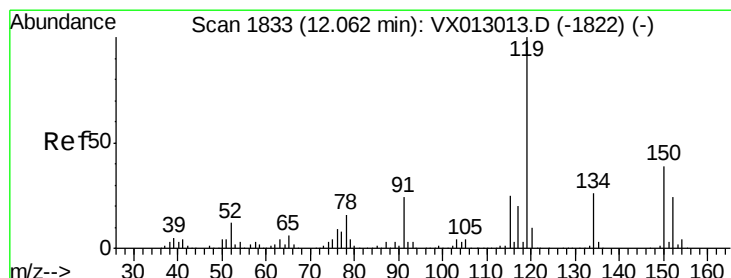
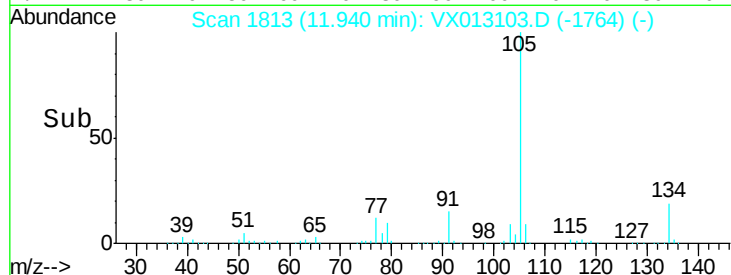
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.797 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013103.D

Acq: 17 Oct 2019 13:38

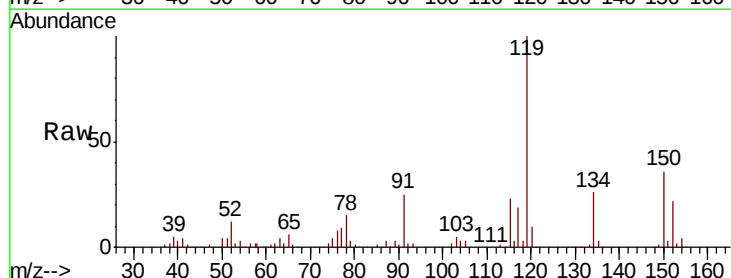
Tgt Ion:119 Resp: 145751

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 24.5 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

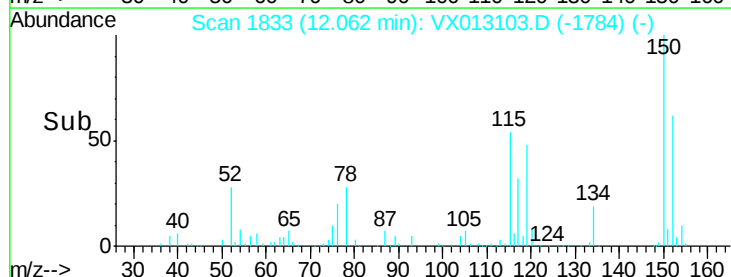
150000

100000

50000

0

Time-->





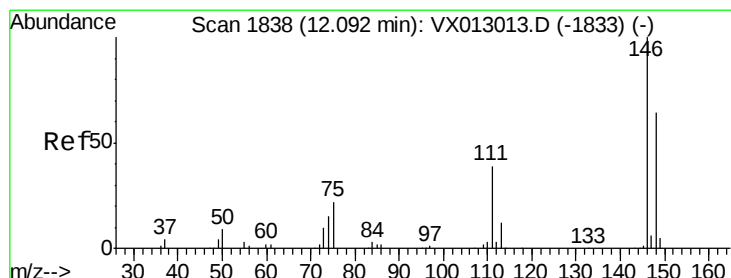
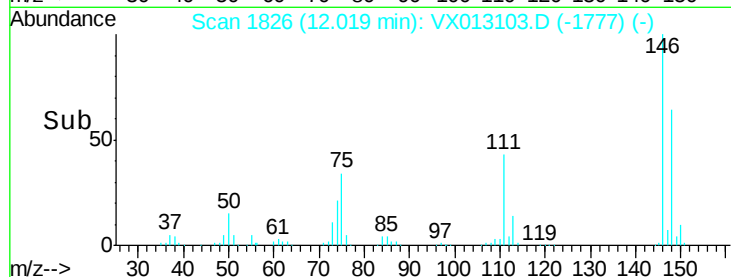
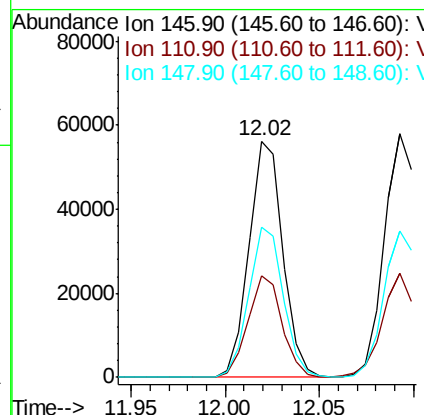
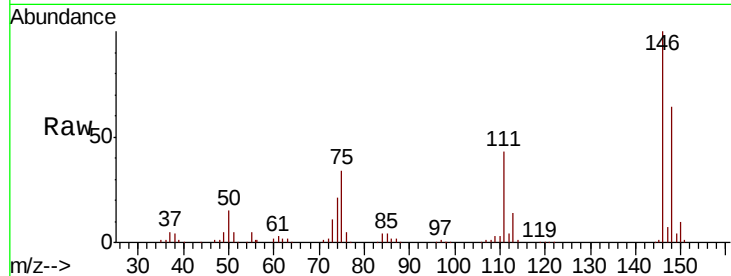
#87
 1,3-Dichlorobenzene
 Concen: 19.068 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.4
148	64.5	31.6	95.0

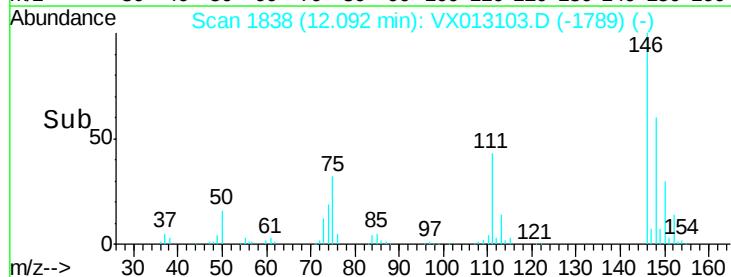
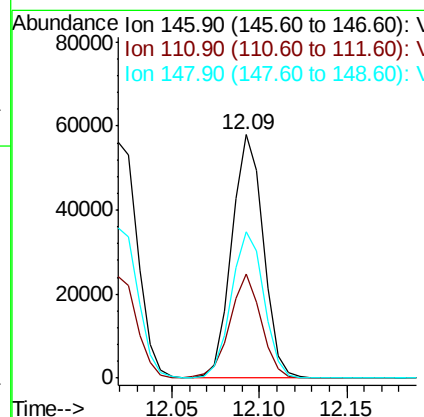
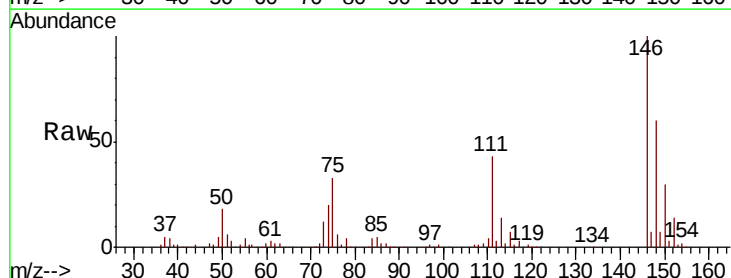
Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:31 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.466 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.4	64.3
148	62.4	32.1	96.5





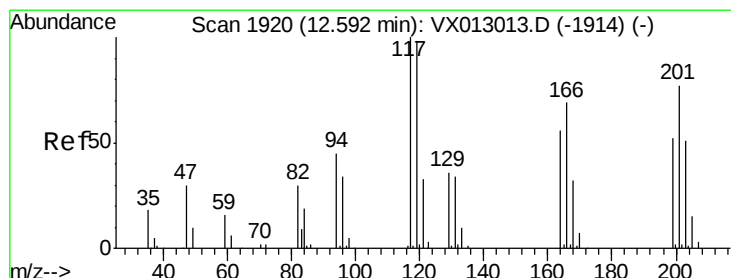
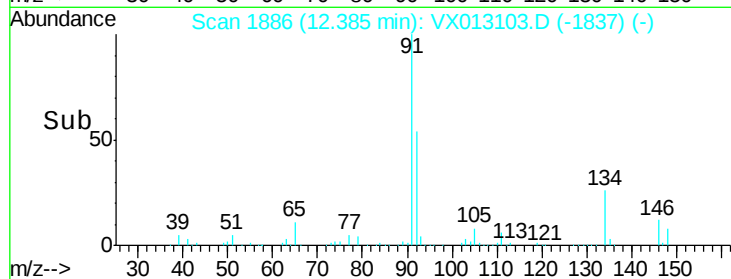
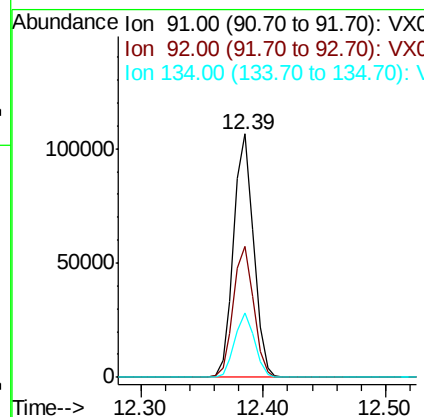
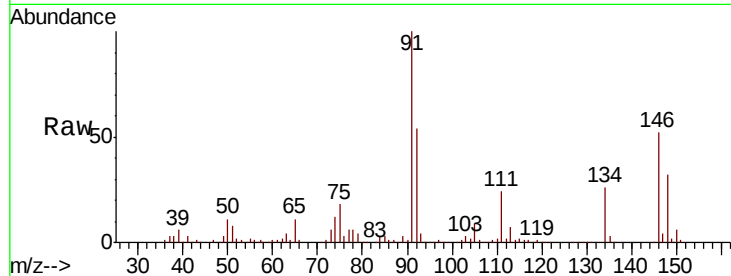
#89
n-Butylbenzene
Concen: 19.401 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.5
134	26.4	12.9	38.7

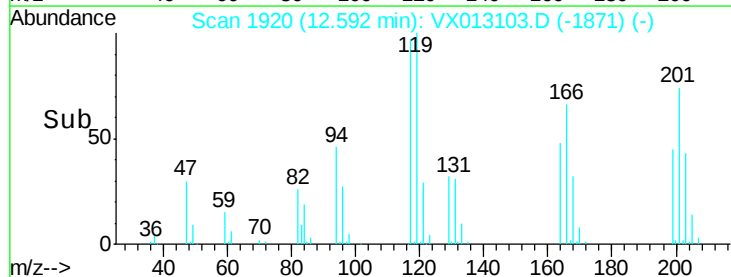
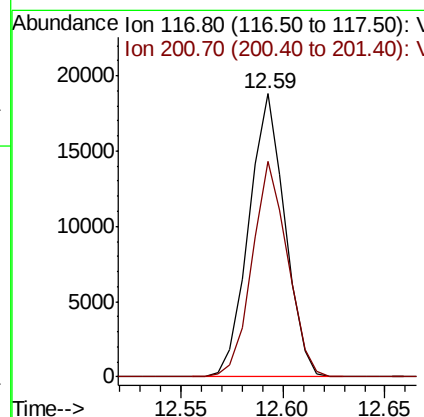
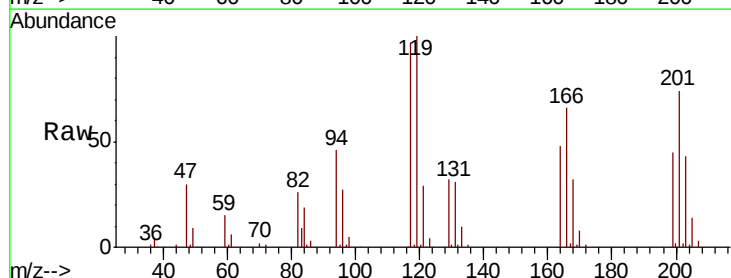
Manual Integrations
APPROVED

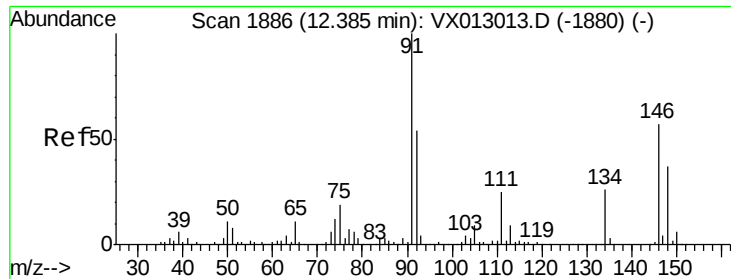
MMDadoda
10/18/2019 10:05:31 AM



#90
Hexachloroethane
Concen: 18.322 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	36.9	110.7





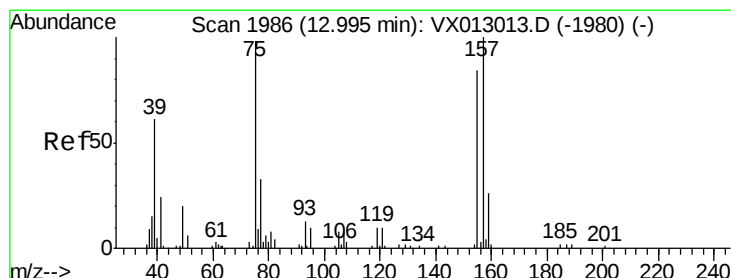
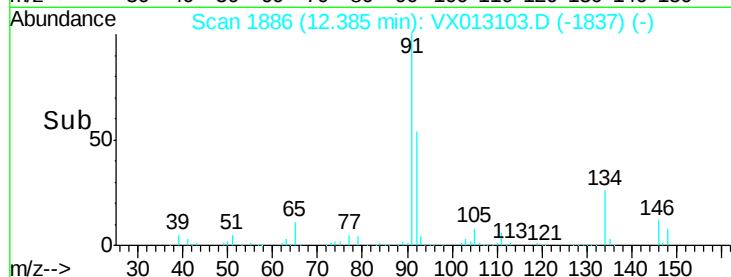
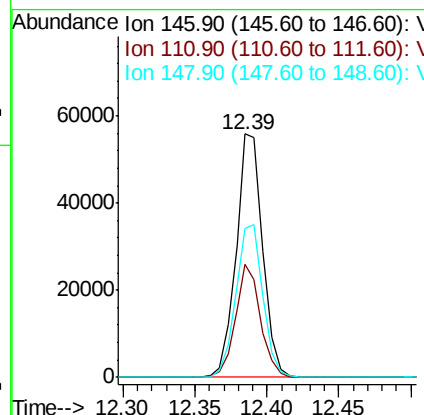
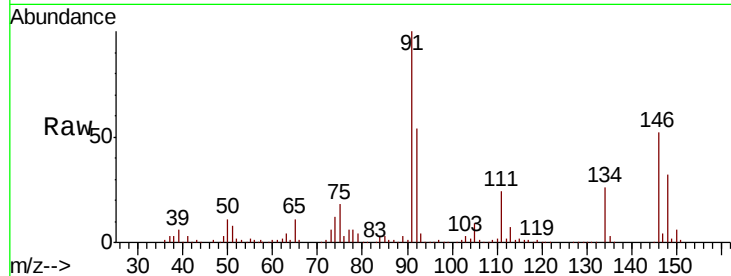
#91
 1,2-Dichlorobenzene
 Concen: 19.941 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.7	68.0
148	63.7	31.6	94.7

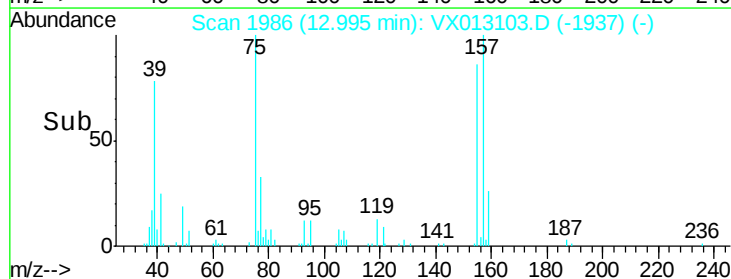
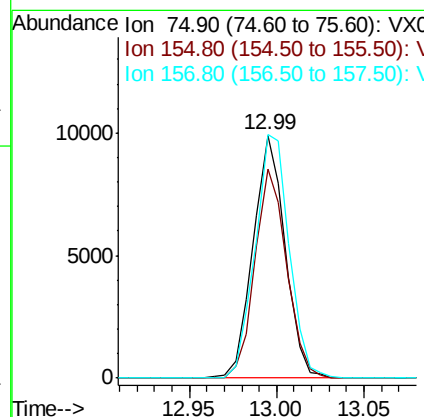
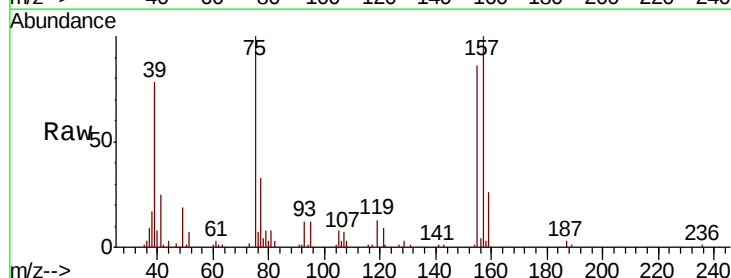
Manual Integrations
 APPROVED

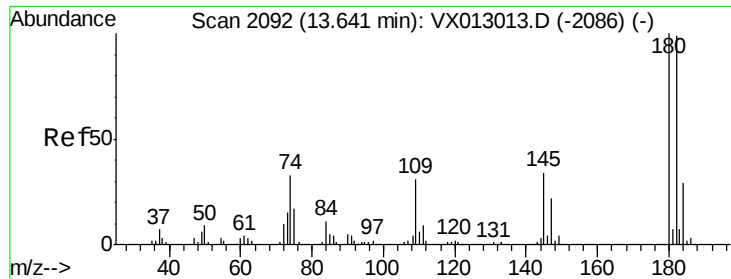
MMDadoda
 10/18/2019 10:05:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.185 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	43.0	128.8
157	106.8	54.1	162.3





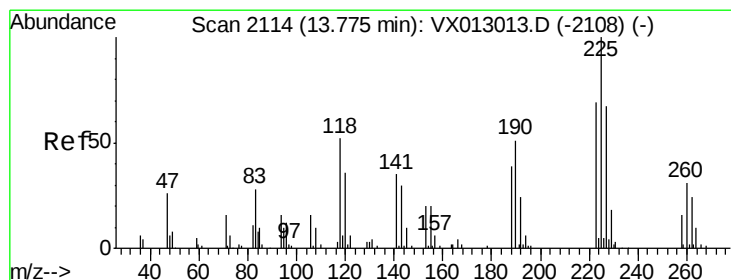
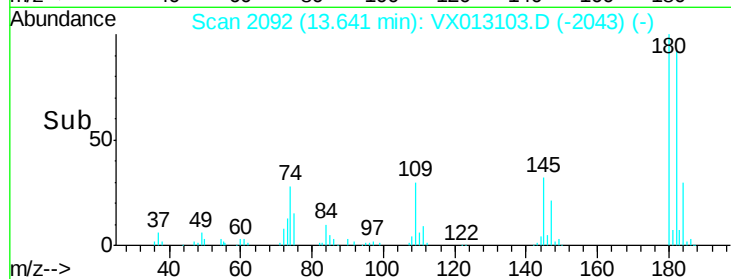
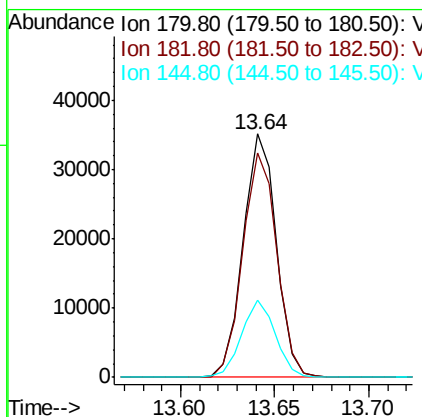
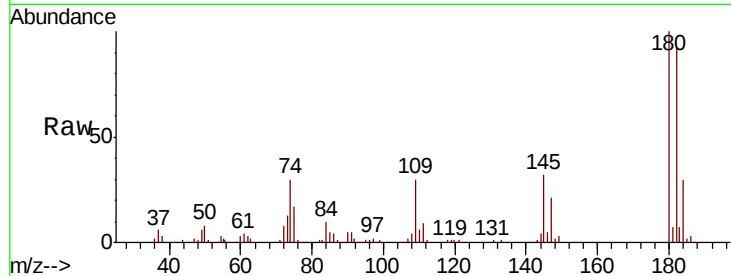
#93
 1,2,4-Trichlorobenzene
 Concen: 18.989 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.8	140.4
145	32.3	16.2	48.6

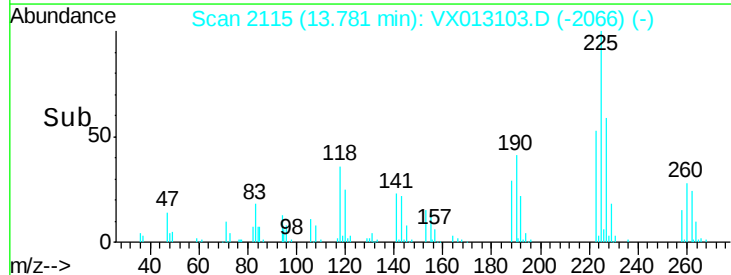
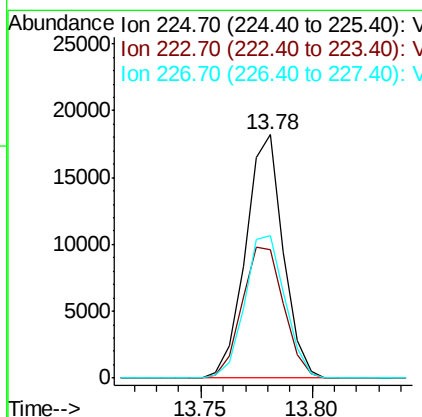
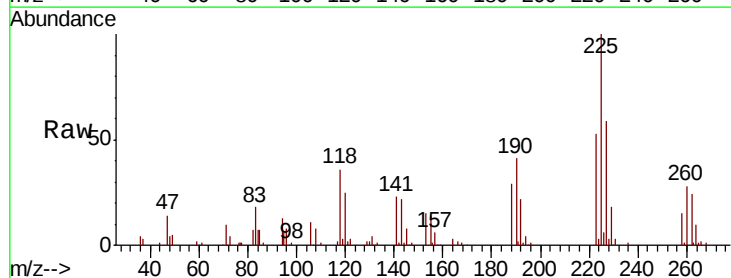
Manual Integrations
 APPROVED

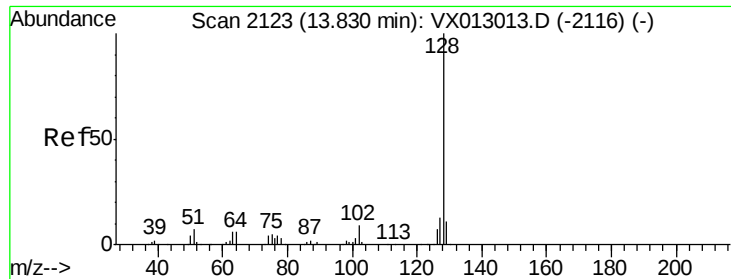
MMDadoda
 10/18/2019 10:05:31 AM



#94
 Hexachlorobutadiene
 Concen: 20.573 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX013103.D
 Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	31.1	93.2
227	62.9	32.3	96.9





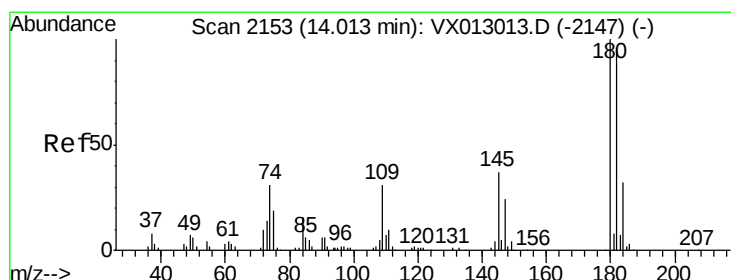
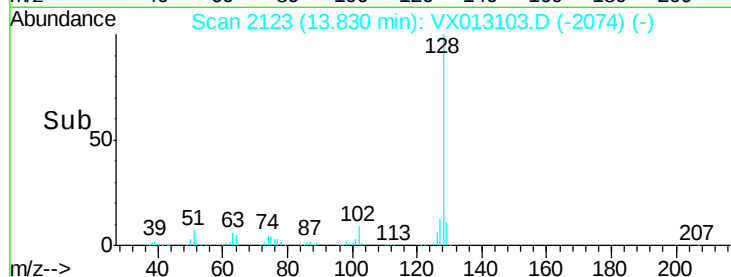
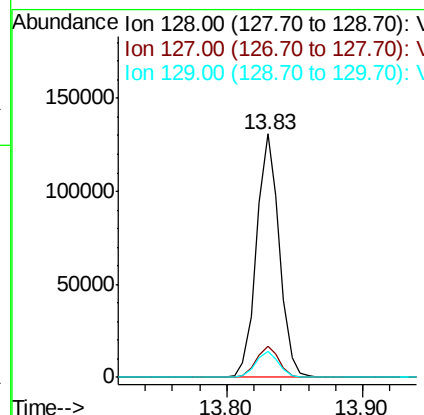
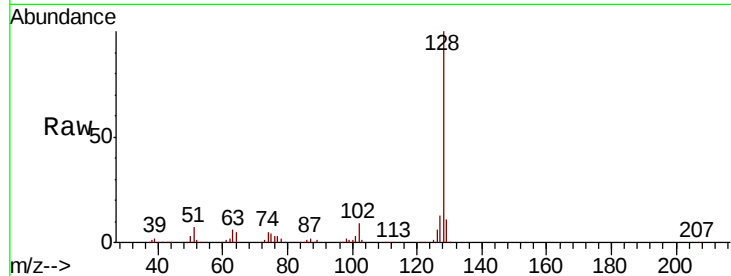
#95
Naphthalene
Concen: 19.587 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.997 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013103.D
Acq: 17 Oct 2019 13:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.5
145	35.2	17.4	52.3

