

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012192.D
 Acq On : 08 Sep 2019 00:14
 Operator : SY/SP
 Sample : VX0907SBS02
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 9:19:14 AM

Quant Time: Sep 08 08:06:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	111647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	219074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	100360	65.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.30%	
35) Dibromofluoromethane	5.48	113	78527	58.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.58%	
50) Toluene-d8	8.71	98	283625	57.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.74%	
62) 4-Bromofluorobenzene	11.13	95	127891	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18926	18.383	ug/l	96
3) Chloromethane	1.31	50	19106	18.120	ug/l	99
4) Vinyl Chloride	1.39	62	17296	17.435	ug/l	96
5) Bromomethane	1.62	94	9670	19.650	ug/l	93
6) Chloroethane	1.70	64	12655	20.520	ug/l	94
7) Trichlorofluoromethane	1.91	101	29325	19.032	ug/l	94
8) Diethyl Ether	2.17	74	12049	22.629	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21049	18.444	ug/l #	83
10) Methyl Iodide	2.49	142	11942	15.879	ug/l	91
11) Tert butyl alcohol	3.03	59	16447	111.154	ug/l	95
12) 1,1-Dichloroethene	2.36	96	18829	17.127	ug/l	88
13) Acrolein	2.28	56	5035	117.963	ug/l	94
14) Allyl chloride	2.71	41	38684	19.446	ug/l	98
15) Acrylonitrile	3.12	53	36866	110.183	ug/l	99
16) Acetone	2.43	43	33551	91.118	ug/l	98
17) Carbon Disulfide	2.55	76	42254	13.151	ug/l	99
18) Methyl Acetate	2.76	43	21704	25.021	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	80488	22.488	ug/l	96
20) Methylene Chloride	2.84	84	30220	20.438	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	23405	18.142	ug/l	94
22) Diisopropyl ether	3.84	45	90351	22.283	ug/l	97
23) Vinyl Acetate	3.80	43	272091	103.736	ug/l	96
24) 1,1-Dichloroethane	3.68	63	48918	20.802	ug/l	98
25) 2-Butanone	4.65	43	49748	106.138	ug/l	94
26) 2,2-Dichloropropane	4.57	77	37080	17.079	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	30732	20.322	ug/l	94
28) Bromochloromethane	5.00	49	23717	25.266	ug/l #	78
29) Tetrahydrofuran	5.11	42	31758	112.459	ug/l	98
30) Chloroform	5.19	83	55236	21.890	ug/l	95
31) Cyclohexane	5.56	56	30718	16.264	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	44031	20.035	ug/l	96
36) 1,1-Dichloropropene	5.78	75	32127	16.650	ug/l	97
37) Ethyl Acetate	4.82	43	22620	21.559	ug/l	99
38) Carbon Tetrachloride	5.77	117	36155	17.783	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012192.D
 Acq On : 08 Sep 2019 00:14
 Operator : SY/SP
 Sample : VX0907SBS02
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 9:19:14 AM

Quant Time: Sep 08 08:06:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	33518	14.967	ug/l	97
40) Benzene	6.12	78	102709	18.542	ug/l	97
41) Methacrylonitrile	5.02	41	13618	21.764	ug/l	96
42) 1,2-Dichloroethane	6.18	62	42488	21.315	ug/l	96
43) Isopropyl Acetate	6.43	43	43200	20.249	ug/l	99
44) Trichloroethene	7.20	130	27091	18.133	ug/l	80
45) 1,2-Dichloropropane	7.50	63	28524	19.931	ug/l	100
46) Dibromomethane	7.65	93	16664	19.946	ug/l #	75
47) Bromodichloromethane	7.89	83	43511	20.490	ug/l #	95
48) Methyl methacrylate	7.76	41	21973	20.484	ug/l	96
49) 1,4-Dioxane	7.73	88	6130	419.190	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	114220	105.257	ug/l	97
52) Toluene	8.78	92	67519	18.734	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	40607	18.470	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	44334	18.134	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	24329	20.369	ug/l	96
56) Ethyl methacrylate	9.17	69	33258	19.440	ug/l	93
57) 1,3-Dichloropropane	9.36	76	41533	20.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	80341	104.162	ug/l	93
59) 2-Hexanone	9.48	43	79752	100.721	ug/l	97
60) Dibromochloromethane	9.57	129	28233	19.834	ug/l	99
61) 1,2-Dibromoethane	9.67	107	23247	20.142	ug/l	96
64) Tetrachloroethene	9.33	164	25794	20.373	ug/l #	89
65) Chlorobenzene	10.14	112	76911	19.195	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	29651	20.238	ug/l	98
67) Ethyl Benzene	10.25	91	133880	18.330	ug/l	96
68) m/p-Xylenes	10.35	106	99335	36.914	ug/l	90
69) o-Xylene	10.70	106	49905	19.125	ug/l	91
70) Styrene	10.71	104	87680	19.345	ug/l	95
71) Bromoform	10.85	173	15355	19.081	ug/l #	94
73) Isopropylbenzene	11.01	105	134997	18.378	ug/l	94
74) N-amyl acetate	10.89	43	39804	18.327	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	28924	18.888	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	26311m	21.509	ug/l	
77) Bromobenzene	11.25	156	32200	19.600	ug/l	71
78) n-propylbenzene	11.35	91	154163	17.372	ug/l	94
79) 2-Chlorotoluene	11.42	91	99304	18.470	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	118242	18.368	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	7861	15.193	ug/l	88
82) 4-Chlorotoluene	11.51	91	119177	18.598	ug/l	92
83) tert-Butylbenzene	11.76	119	111952	18.246	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	122942	18.582	ug/l	93
85) sec-Butylbenzene	11.94	105	138145	18.127	ug/l	93
86) p-Isopropyltoluene	12.06	119	121471	17.527	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	61962	18.822	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	60701	18.441	ug/l	93
89) n-Butylbenzene	12.39	91	113340	16.835	ug/l	96
90) Hexachloroethane	12.59	117	23691	17.120	ug/l	59
91) 1,2-Dichlorobenzene	12.39	146	58521	19.738	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5809	18.127	ug/l	65

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090719\
Data File : VX012192.D
Acq On : 08 Sep 2019 00:14
Operator : SY/SP
Sample : VX0907SBS02
Misc : 5.00µ/5.0mL/MSVOA X/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

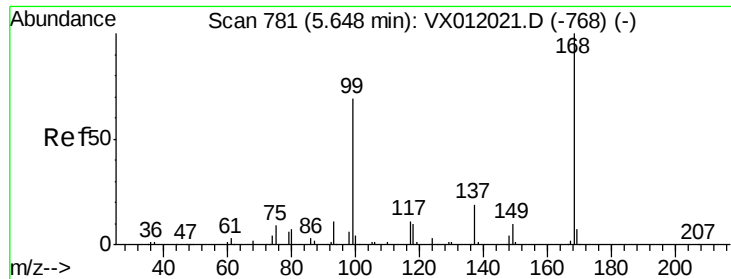
Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM

Quant Time: Sep 08 08:06:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	35682	16.909	µg/l	96
94) Hexachlorobutadiene	13.78	225	18569	17.456	µg/l	98
95) Naphthalene	13.83	128	80409	17.606	µg/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	32107	17.294	µg/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion:168 Resp: 111647

Ion Ratio Lower Upper

168 100

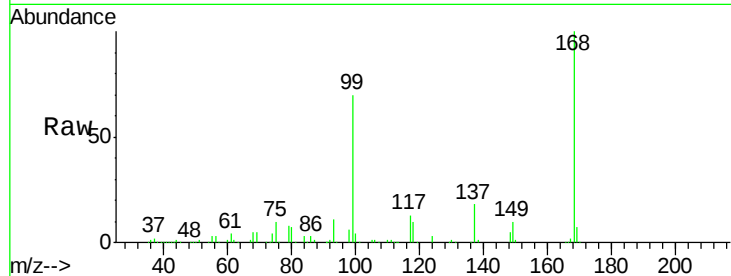
99 69.9 37.6 56.4#

Manual Integrations

APPROVED

MMDadoda

9/9/2019 9:19:14 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

40000

30000

20000

10000

0

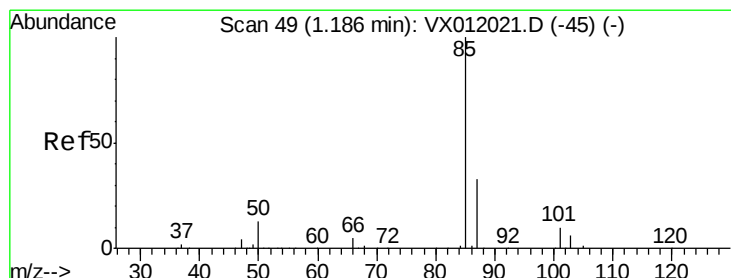
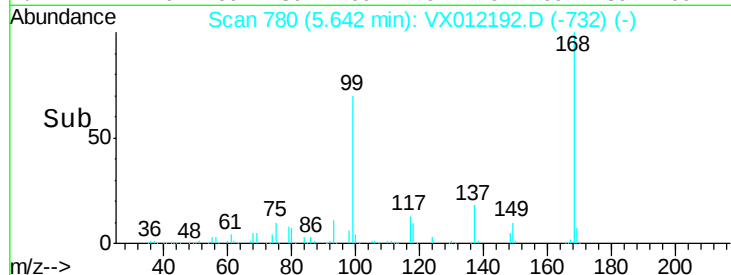
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 18.383 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012192.D

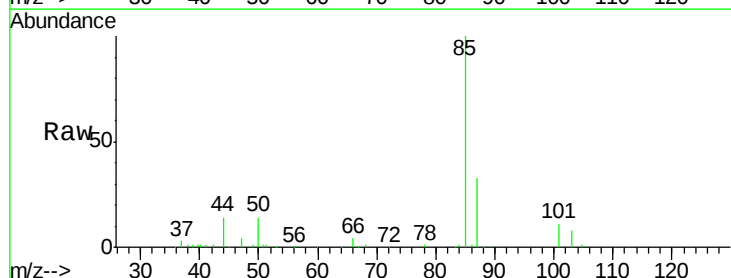
Acq: 08 Sep 2019 00:14

Tgt Ion: 85 Resp: 18926

Ion Ratio Lower Upper

85 100

87 33.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

15000

10000

5000

0

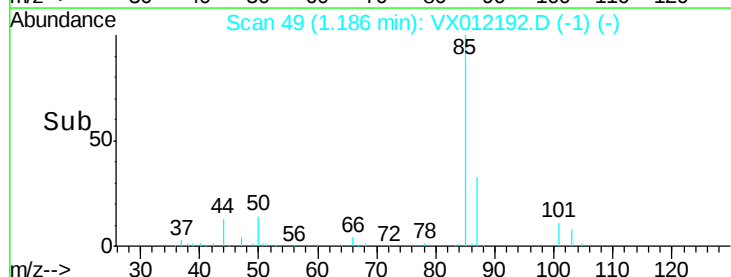
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 18.120 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 50 Resp: 19106

Ion Ratio Lower Upper

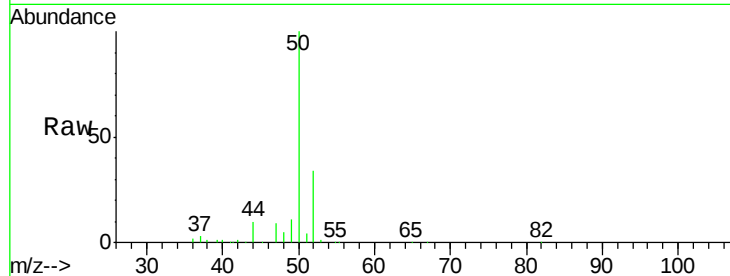
50 100

52 33.4 26.5 39.7

Manual Integrations
APPROVED

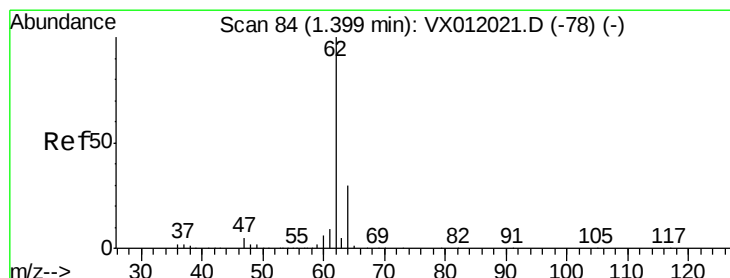
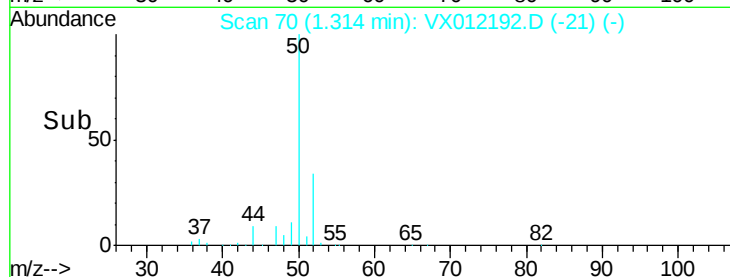
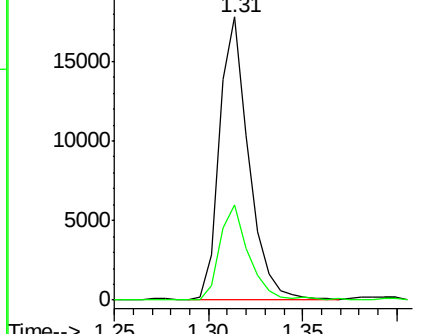
MMDadoda

9/9/2019 9:19:14 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.435 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012192.D

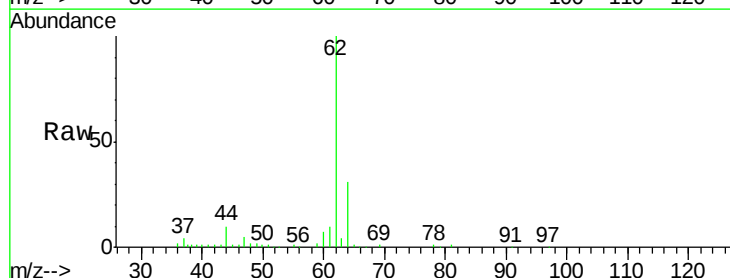
Acq: 08 Sep 2019 00:14

Tgt Ion: 62 Resp: 17296

Ion Ratio Lower Upper

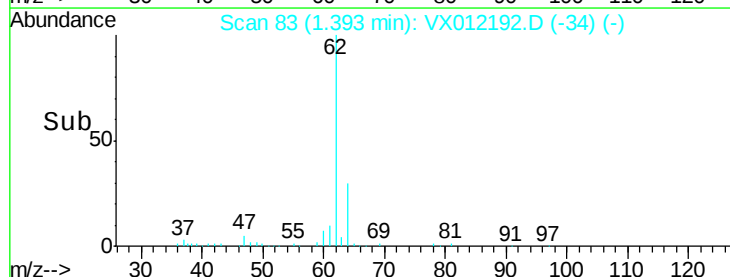
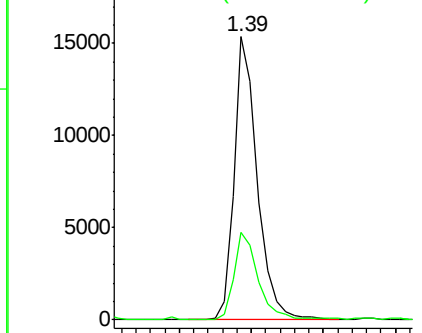
62 100

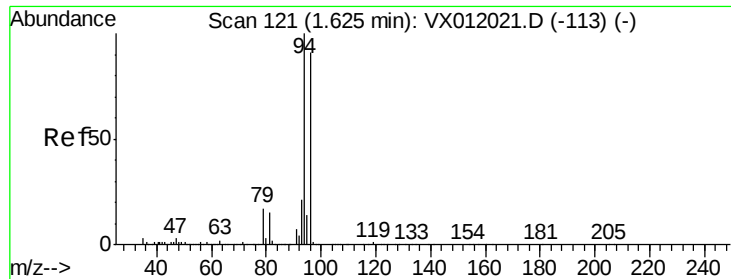
64 30.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.650 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 94 Resp: 9670

Ion Ratio Lower Upper

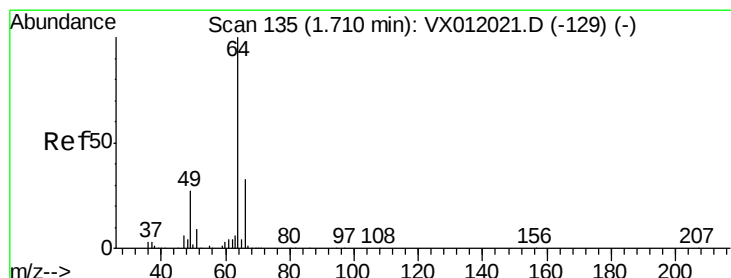
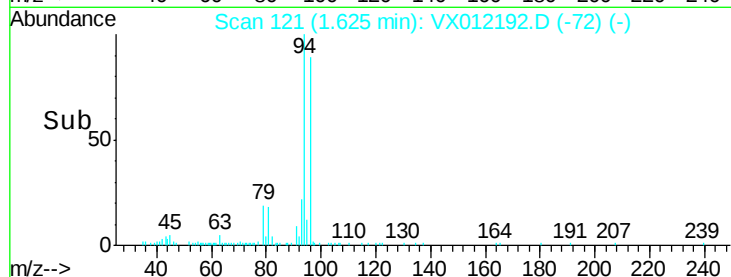
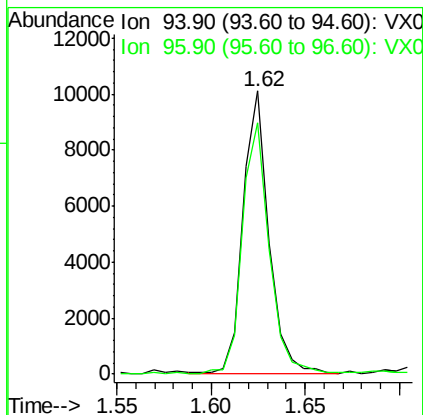
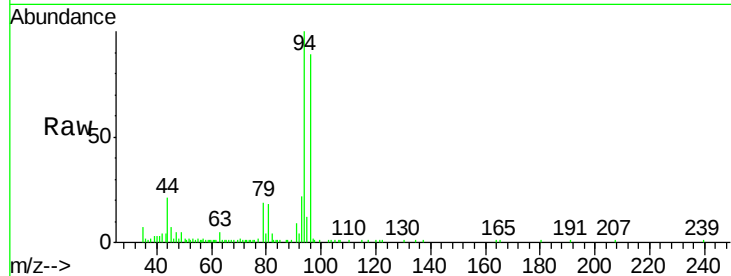
94 100

96 88.8 76.3 114.5

Manual Integrations
APPROVED

MMDadoda

9/9/2019 9:19:14 AM



#6

Chloroethane

Concen: 20.520 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012192.D

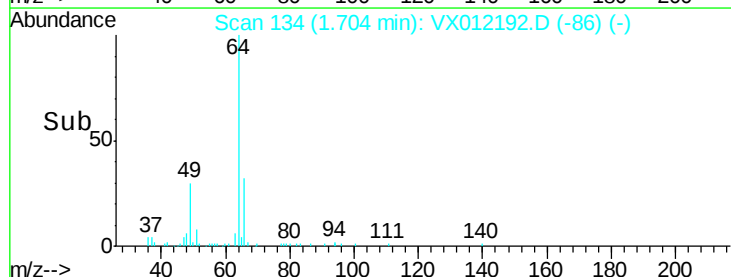
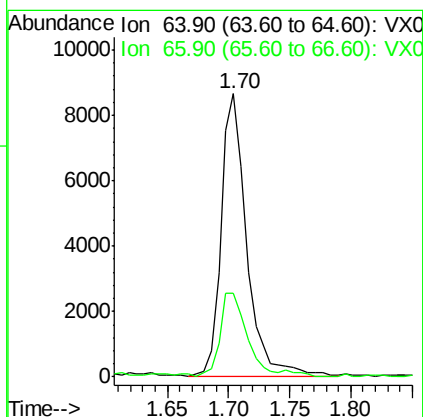
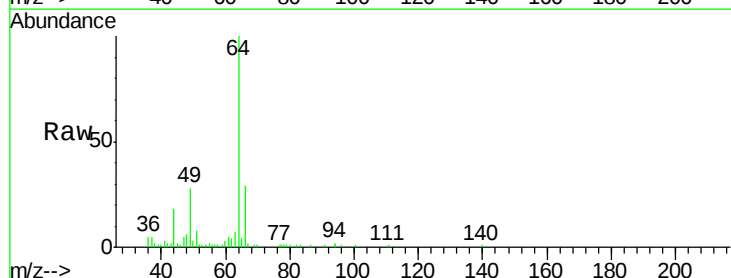
Acq: 08 Sep 2019 00:14

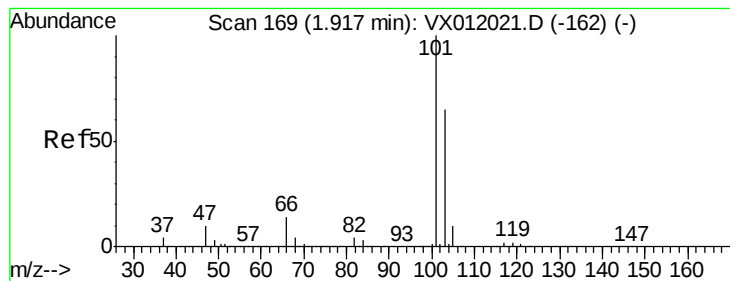
Tgt Ion: 64 Resp: 12655

Ion Ratio Lower Upper

64 100

66 29.5 26.3 39.5





#7

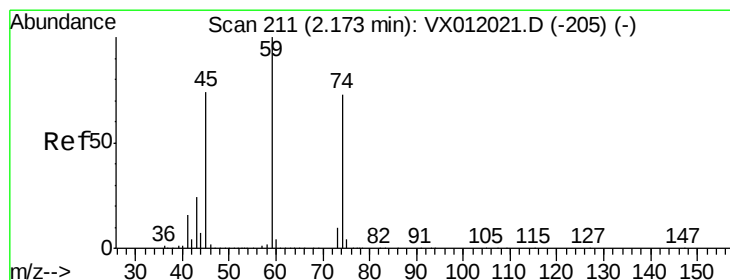
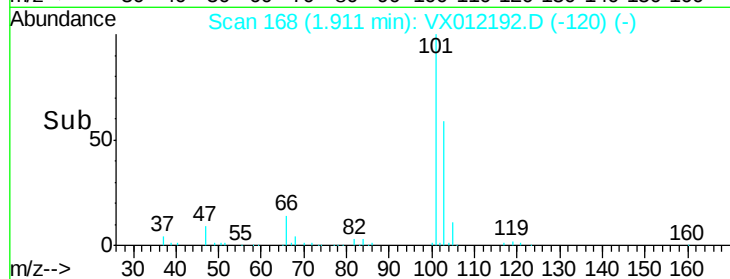
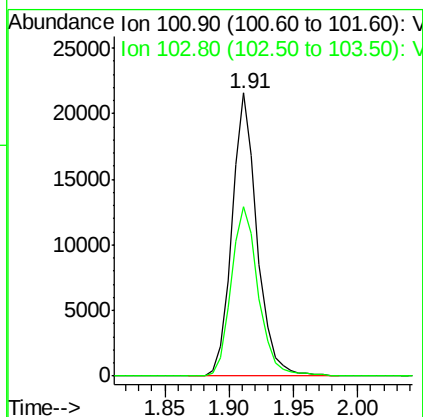
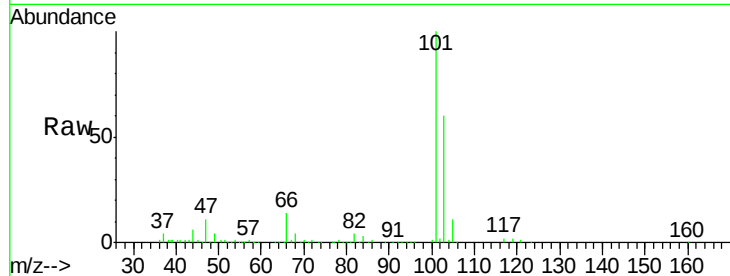
Trichlorofluoromethane
 Concen: 19.032 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.8	51.6	77.4

Manual Integrations
 APPROVED

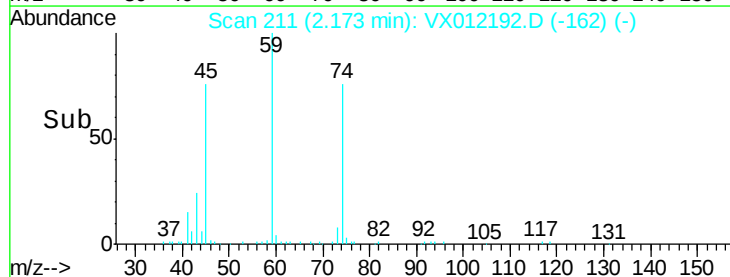
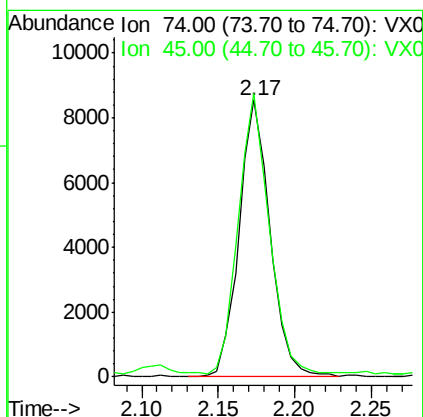
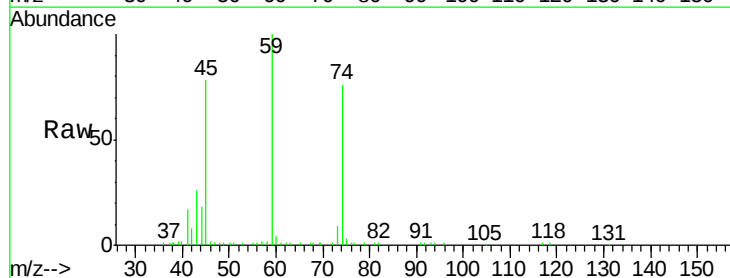
MMDadoda
 9/9/2019 9:19:14 AM

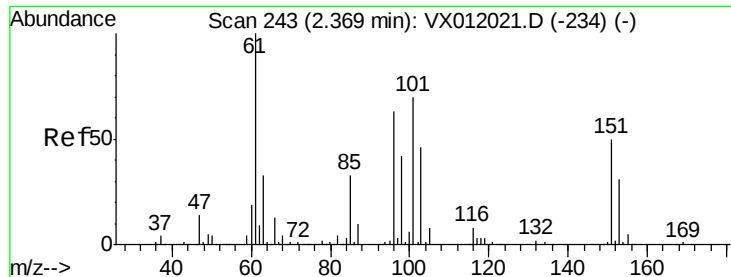


#8

Diethyl Ether
 Concen: 22.629 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.444 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion:101 Resp: 21049

Ion Ratio Lower Upper

101 100

85 46.5 34.5 51.7

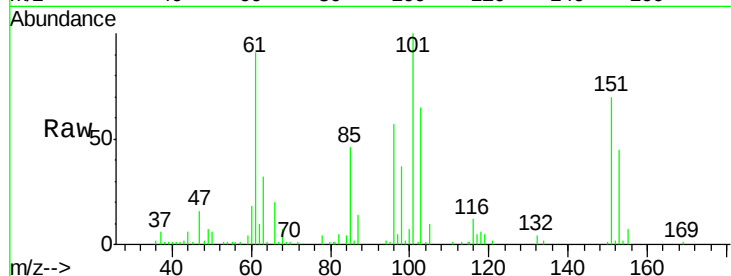
151 72.8 75.0 112.4#

Manual Integrations

APPROVED

MMDadoda

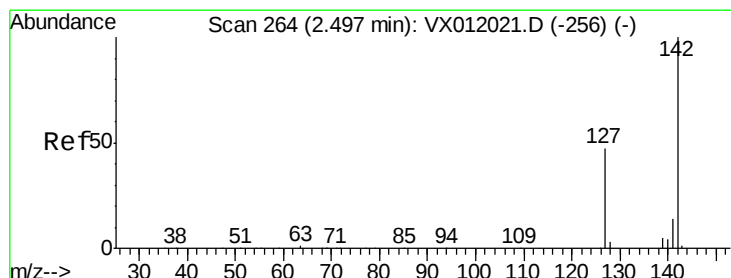
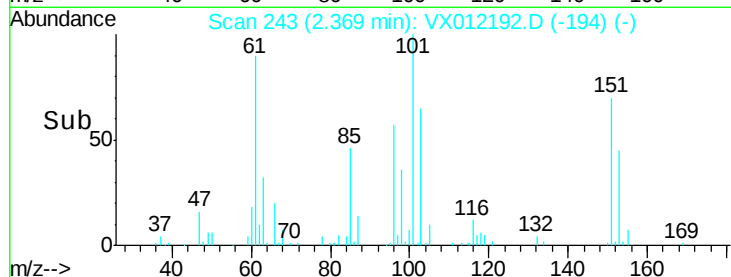
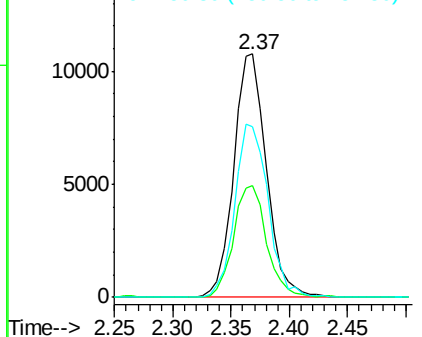
9/9/2019 9:19:14 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.879 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

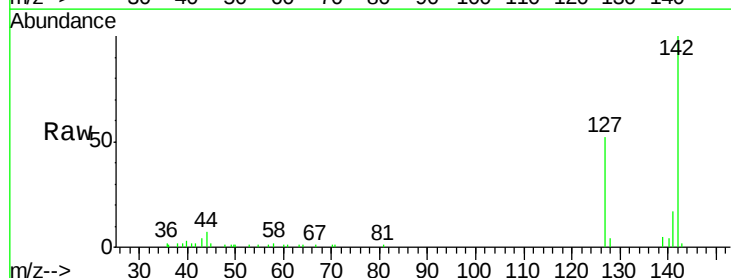
Tgt Ion:142 Resp: 11942

Ion Ratio Lower Upper

142 100

127 52.1 35.4 53.2

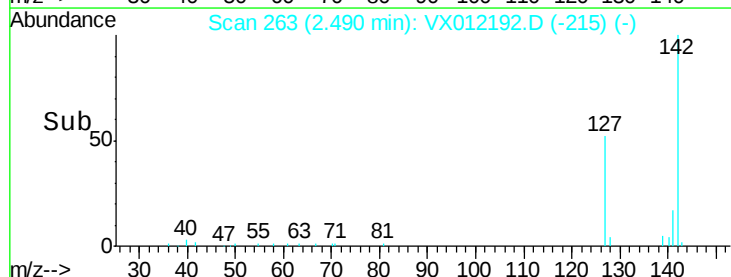
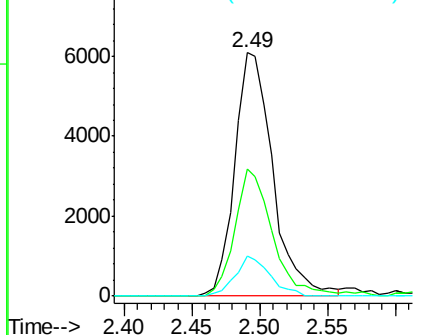
141 14.8 11.4 17.2

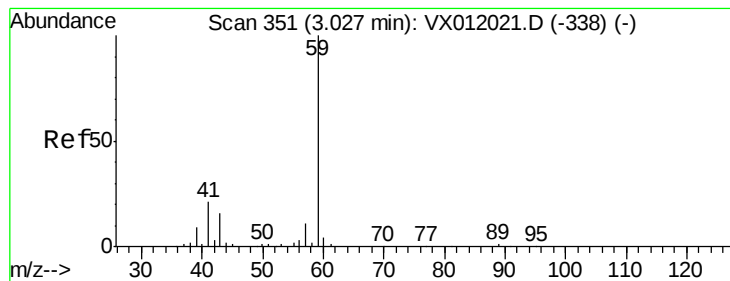


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

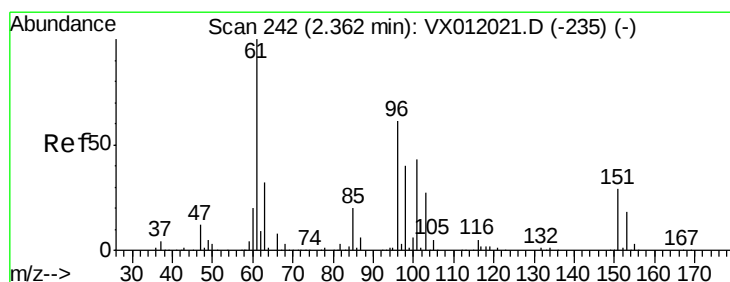
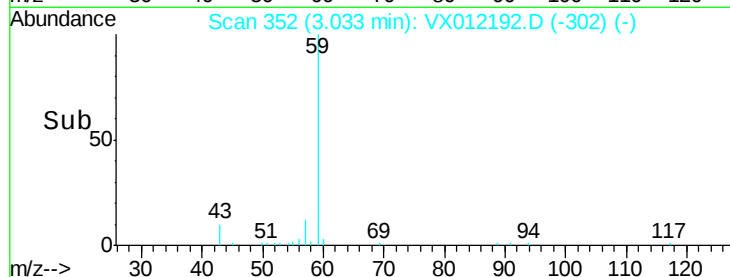
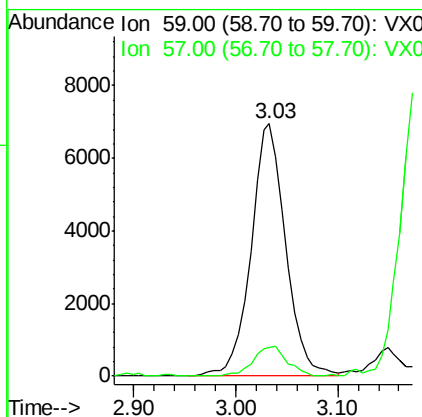
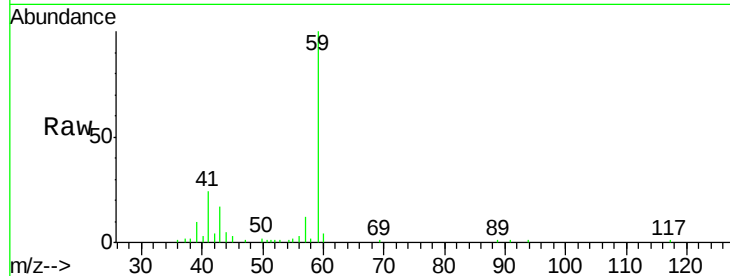
Tert butyl alcohol
Concen: 111.154 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	59	Resp	16447
Ion Ratio	100	Lower	Upper
57	11.6	7.9	11.9

Manual Integrations
APPROVED

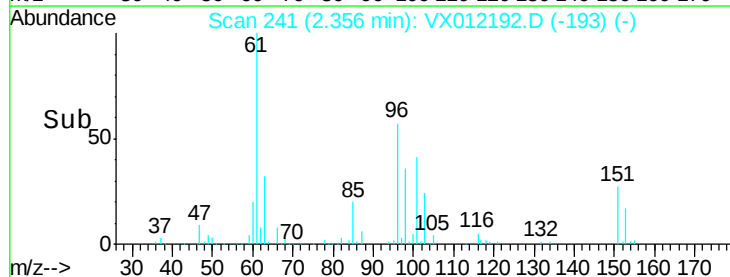
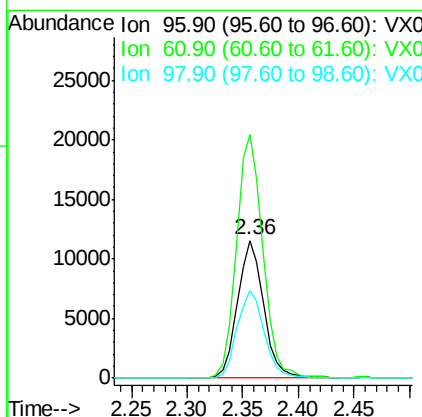
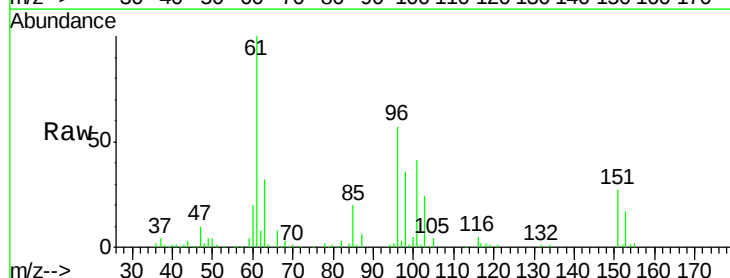
MMDadoda
9/9/2019 9:19:14 AM

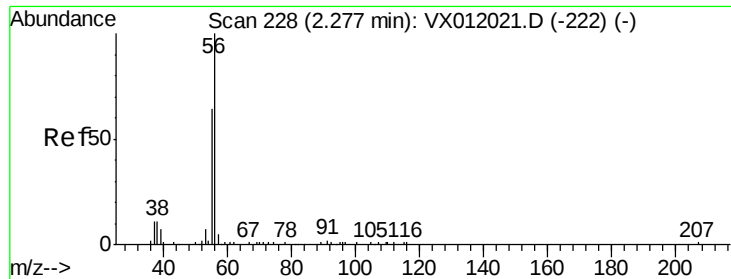


#12

1,1-Dichloroethene
Concen: 17.127 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	96	Resp	18829
Ion Ratio	100	Lower	Upper
61	176.4	124.1	186.1
98	63.7	50.2	75.2





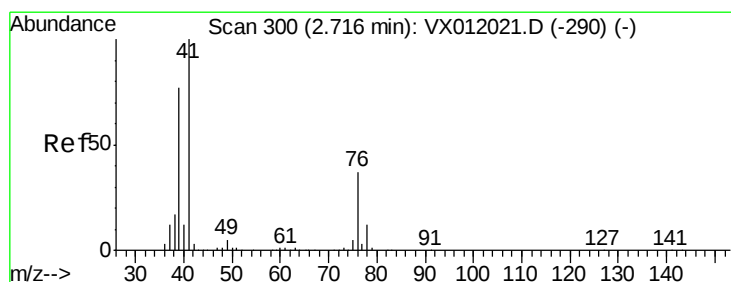
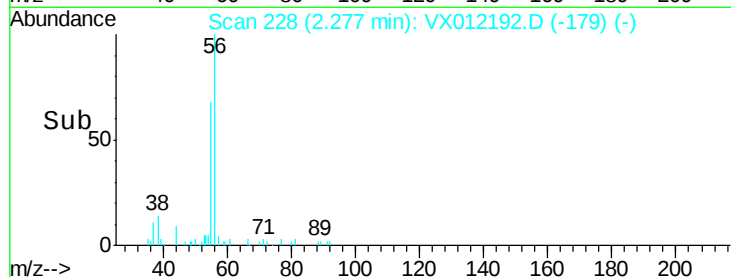
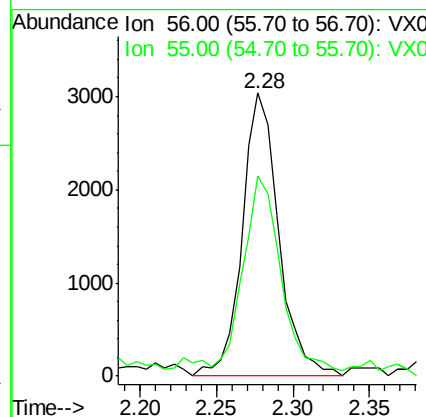
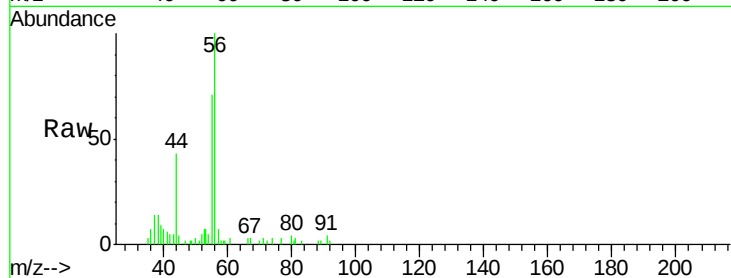
#13
Acrolein
Concen: 117.963 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	59.2	88.8

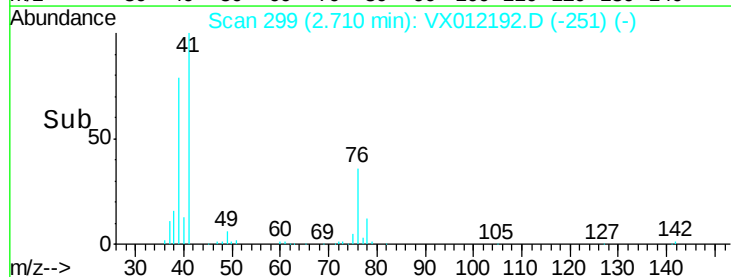
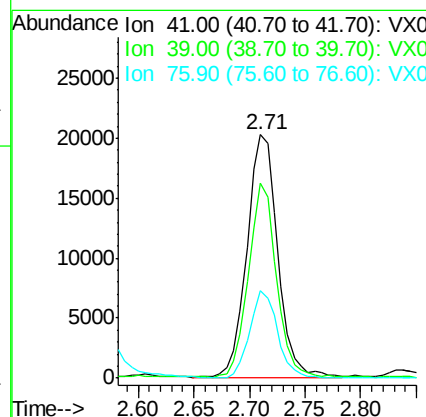
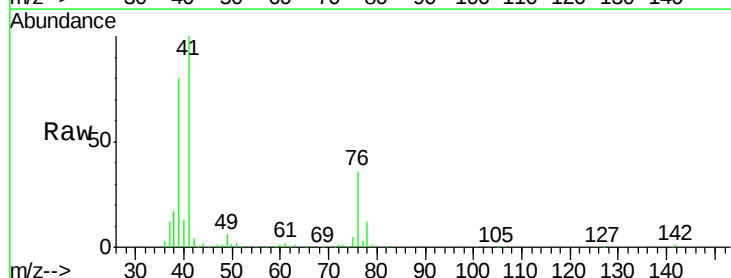
Manual Integrations
APPROVED

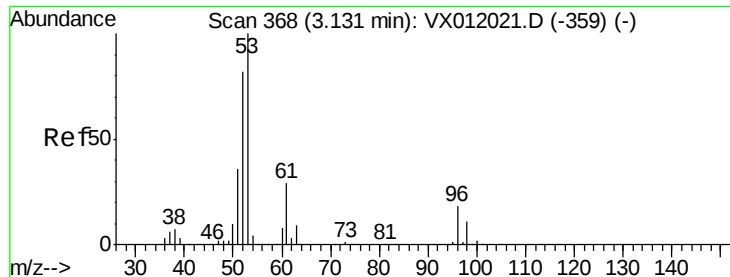
MMDadoda
9/9/2019 9:19:14 AM



#14
Allyl chloride
Concen: 19.446 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.6	57.9	86.9
76	32.9	28.5	42.7





#15

Acrylonitrile

Concen: 110.183 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

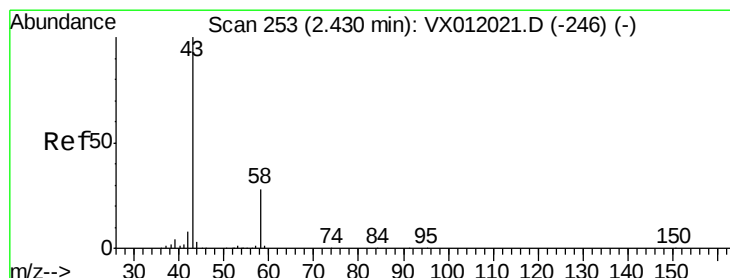
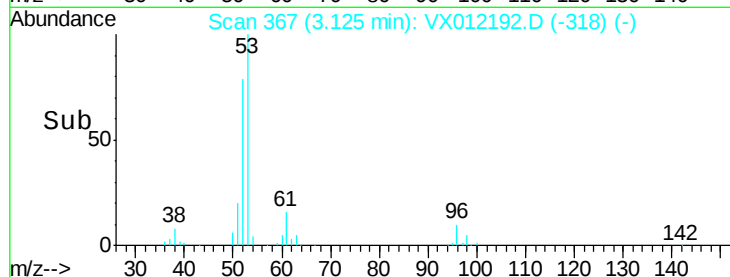
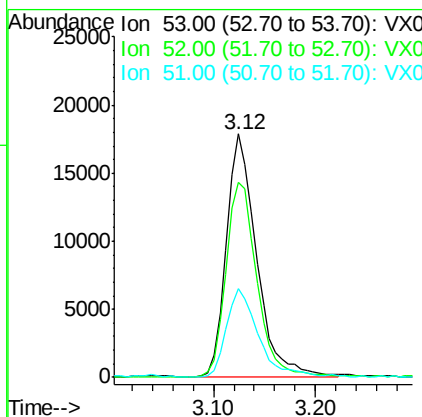
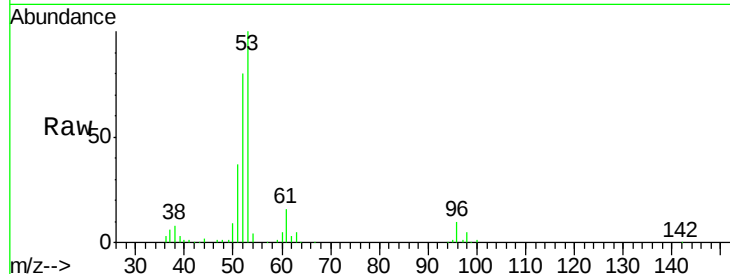
ClientSampleId :

VX0907SBS02

Tot Ion:	53	Resp:	36866
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.6	98.4
51	38.7	29.8	44.6

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#16

Acetone

Concen: 91.118 ug/l

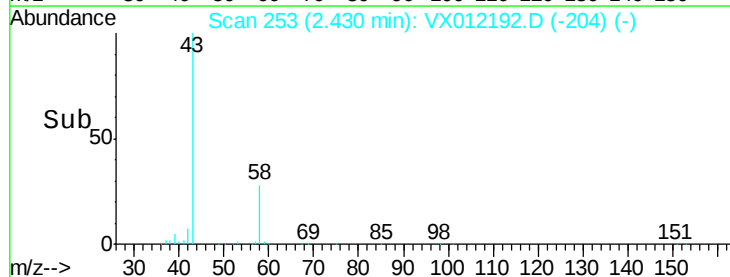
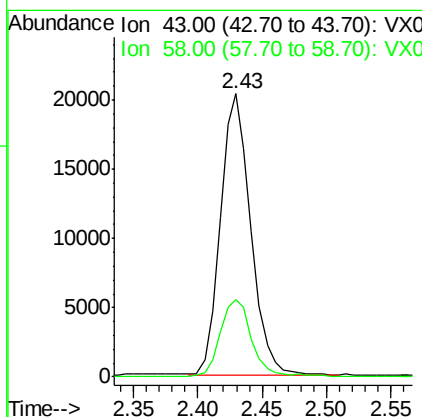
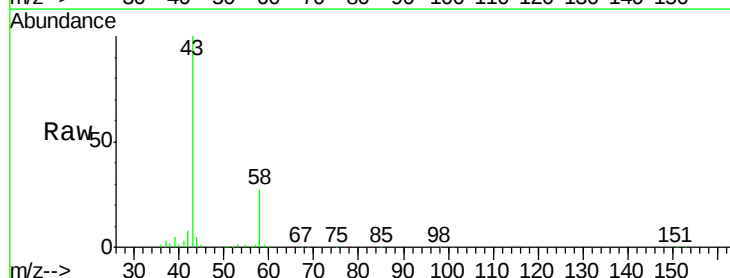
RT: 2.43 min Scan# 253

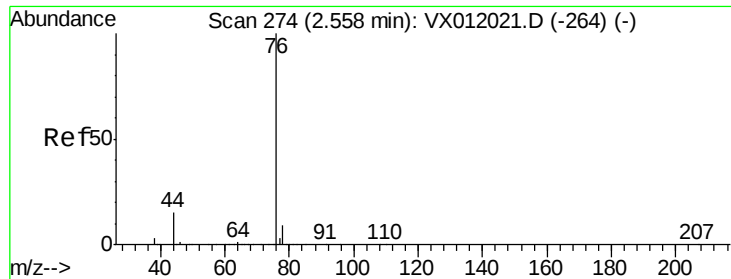
Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tgt Ion:	43	Resp:	33551
Ion Ratio	Lower	Upper	
43	100		
58	27.2	22.8	34.2





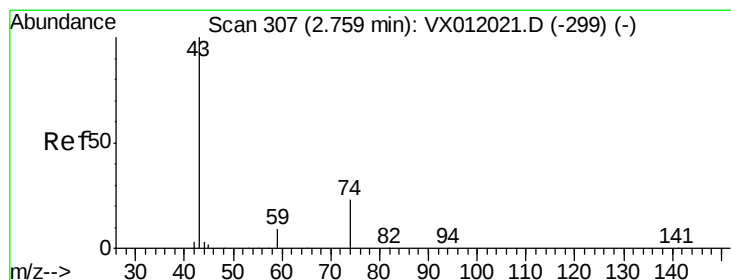
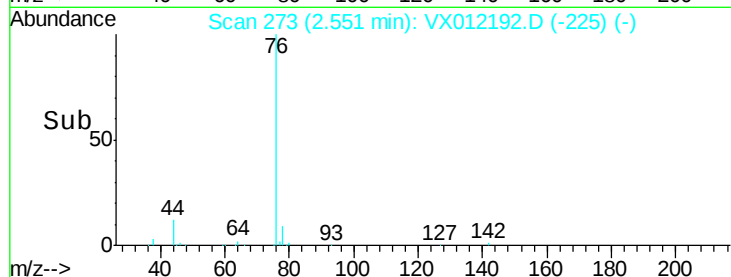
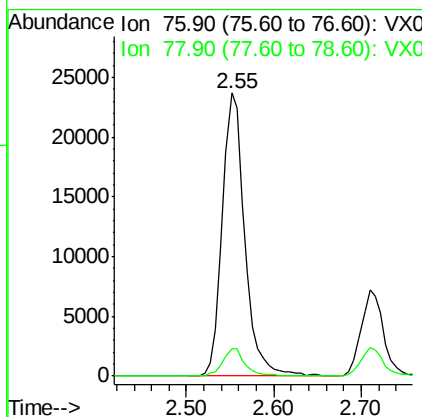
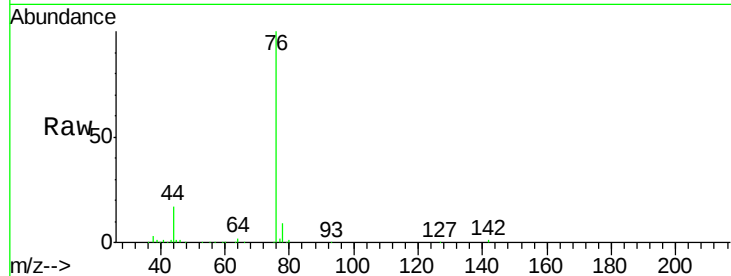
#17
Carbon Disulfide
Concen: 13.151 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

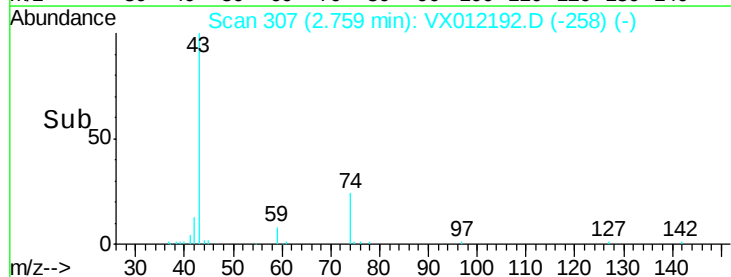
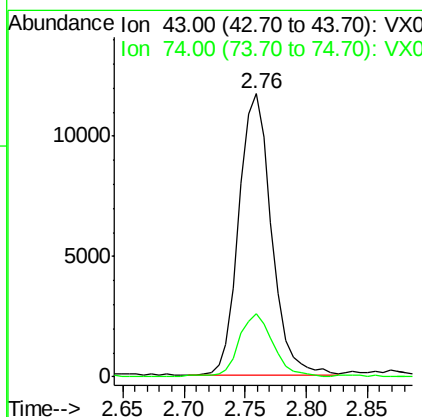
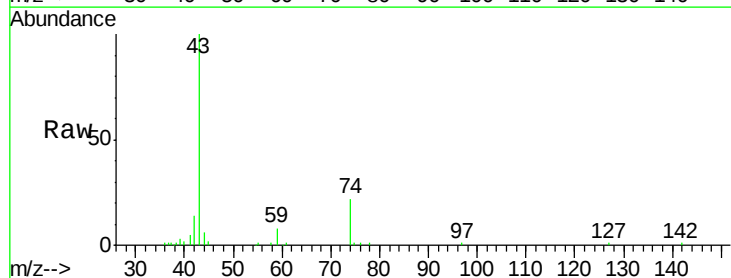
Manual Integrations
APPROVED

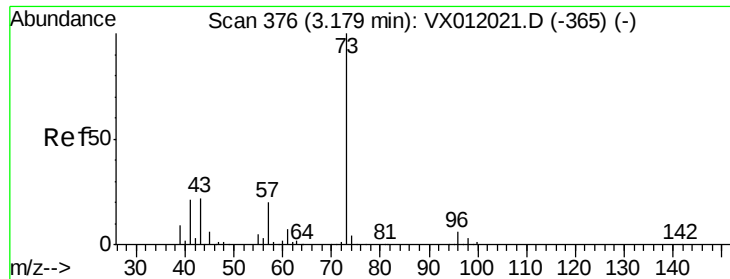
MMDadoda
9/9/2019 9:19:14 AM



#18
Methyl Acetate
Concen: 25.021 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.5	29.3





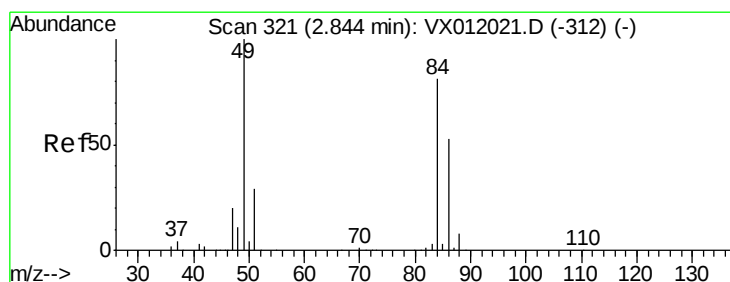
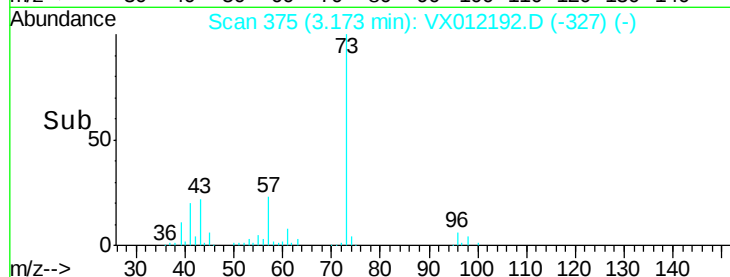
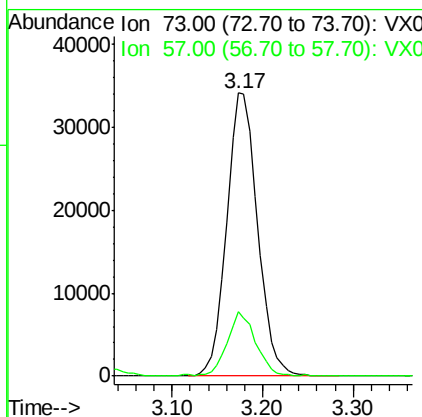
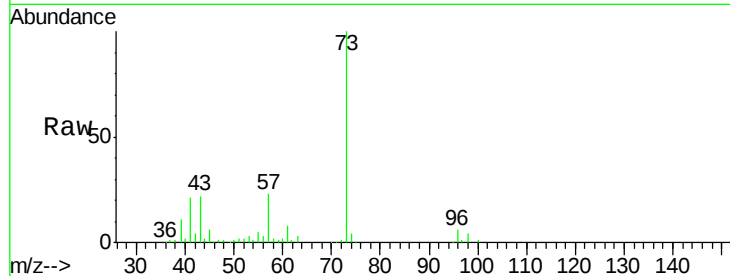
#19
Methyl tert-butyl Ether
Concen: 22.488 ug/l
RT: 3.17 min Scan# 375
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	16.6	25.0

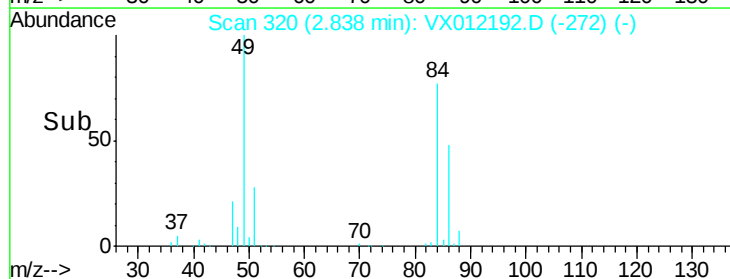
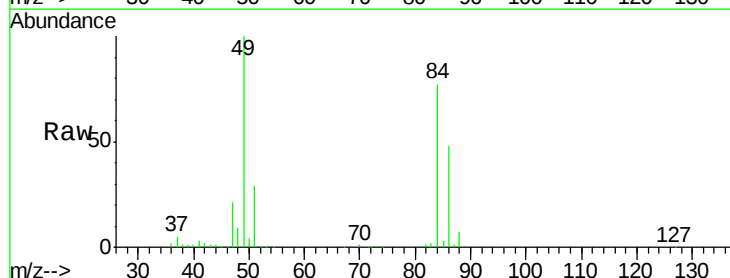
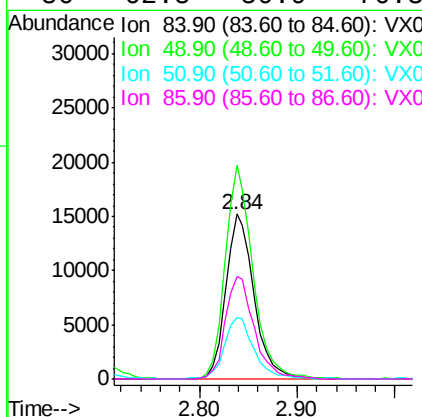
Manual Integrations
APPROVED

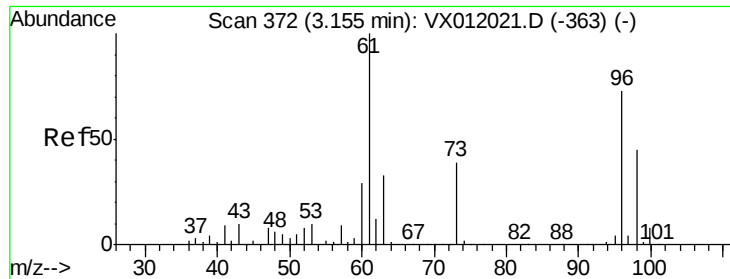
MMDadoda
9/9/2019 9:19:14 AM



#20
Methylene Chloride
Concen: 20.438 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.8	95.8	143.8
51	36.9	28.6	43.0
86	62.5	50.9	76.3





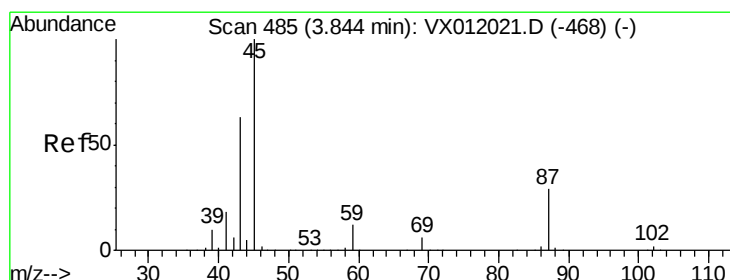
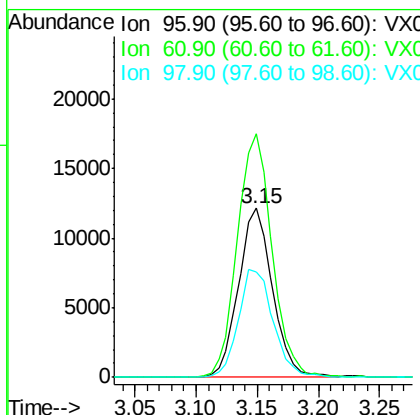
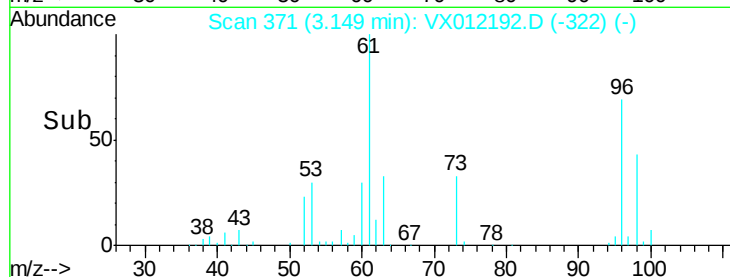
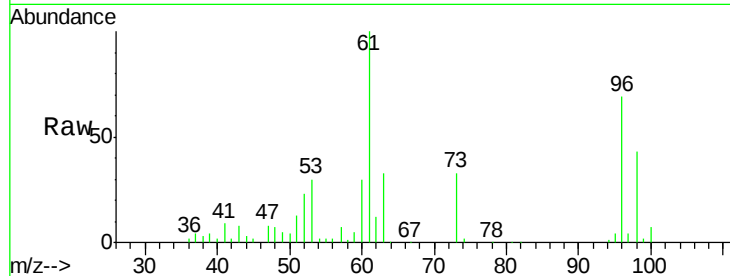
#21
trans-1,2-Dichloroethene
Concen: 18.142 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	107.0	160.6
98	62.1	49.8	74.6

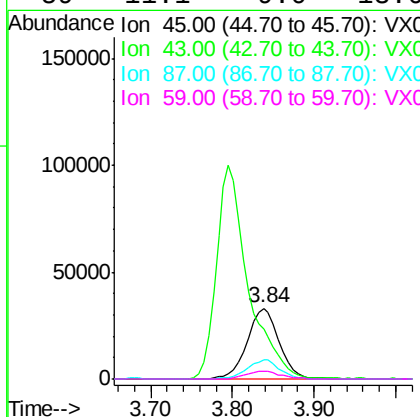
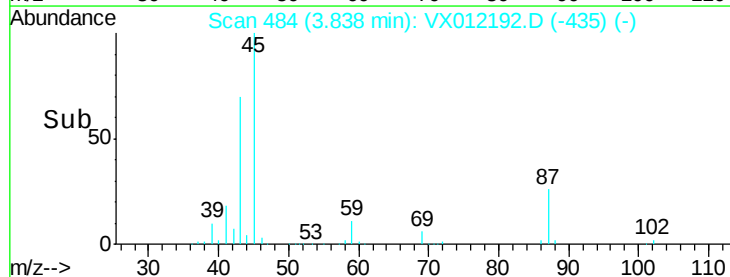
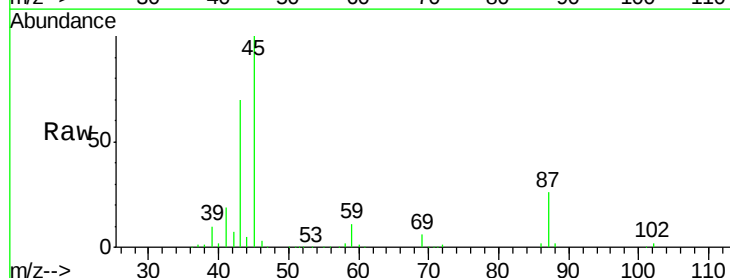
Manual Integrations
APPROVED

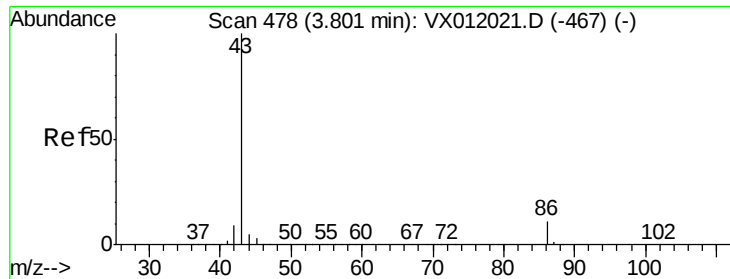
MMDadoda
9/9/2019 9:19:14 AM



#22
Diisopropyl ether
Concen: 22.283 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.5	54.2	81.4
87	26.4	23.4	35.0
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 103.736 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 43 Resp: 272091

Ion Ratio Lower Upper

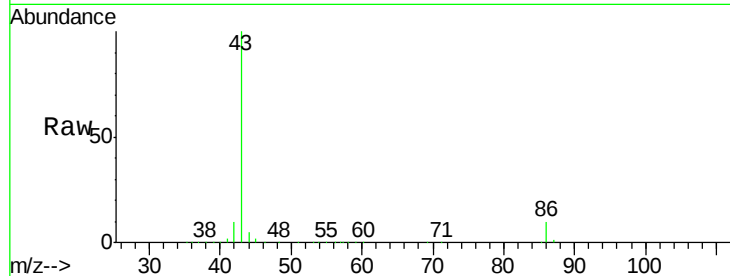
43 100

86 9.9 9.0 13.6

Manual Integrations
APPROVED

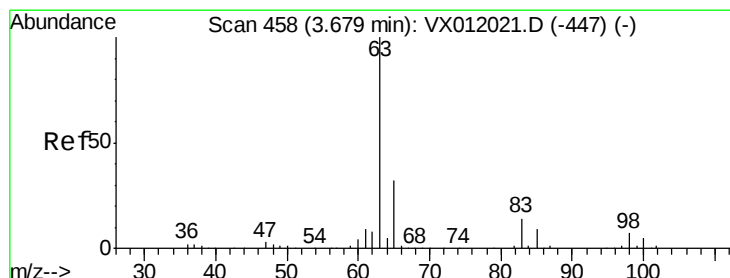
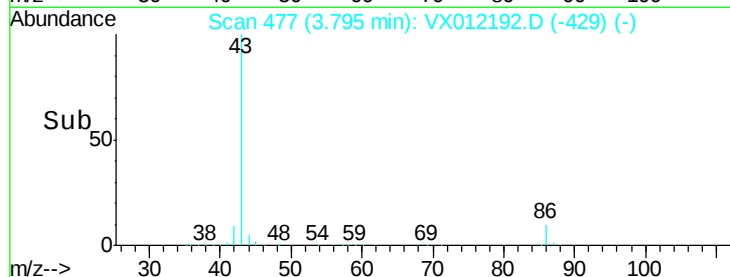
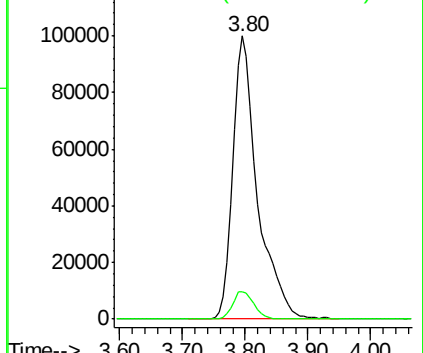
MMDadoda

9/9/2019 9:19:14 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.802 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

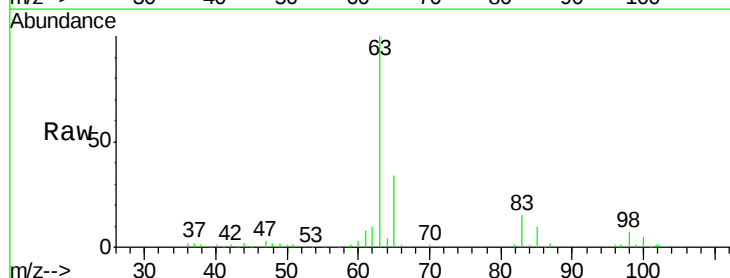
Tgt Ion: 63 Resp: 48918

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

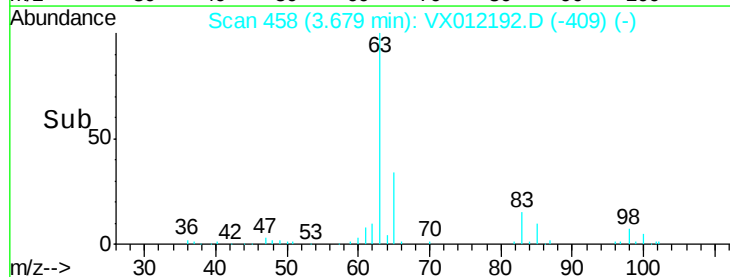
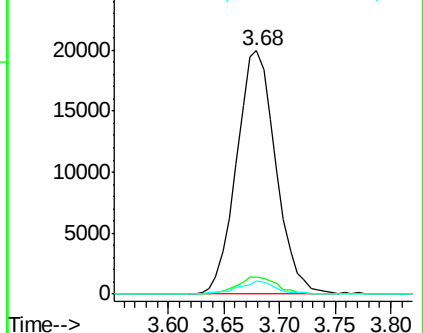
100 5.2 2.5 7.4

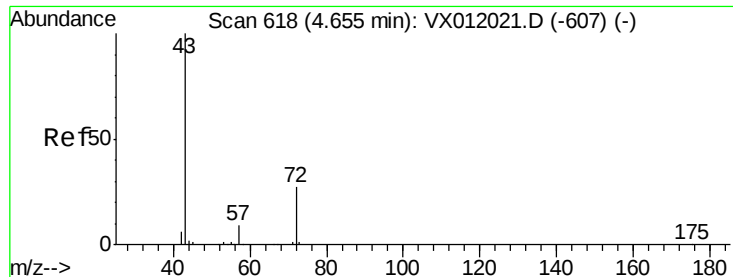


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 106.138 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tot Ion: 43 Resp: 49748

Ion Ratio Lower Upper

43 100

72 23.5 21.3 31.9

Instrument :

MSVOA_X

ClientSampleId :

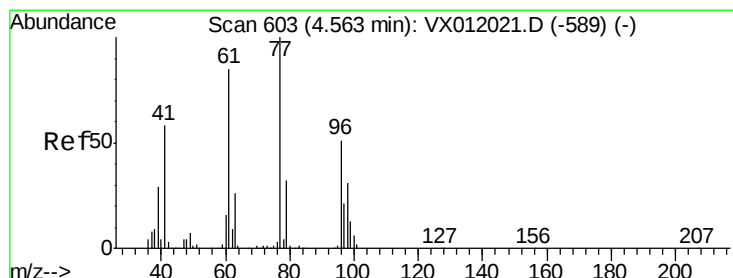
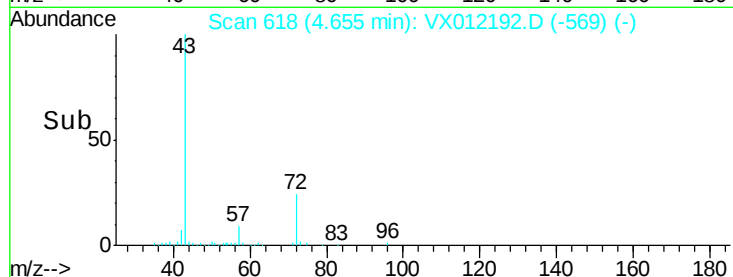
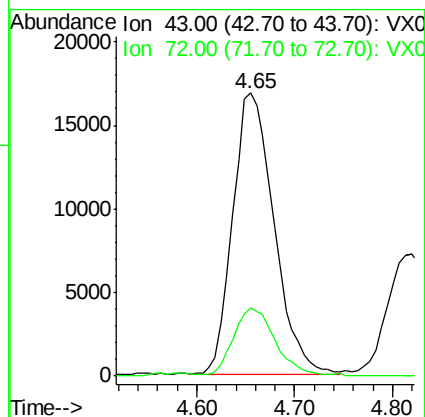
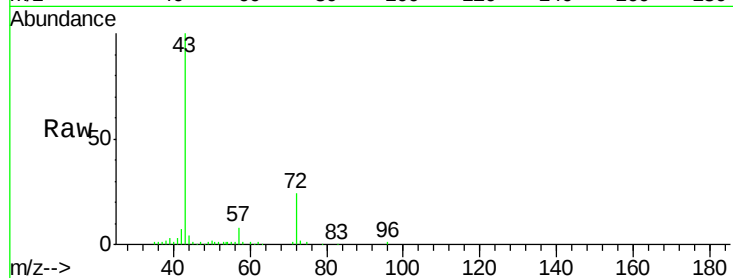
VX0907SBS02

Manual Integrations

APPROVED

MMDadoda

9/9/2019 9:19:14 AM



#26

2,2-Dichloropropane

Concen: 17.079 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012192.D

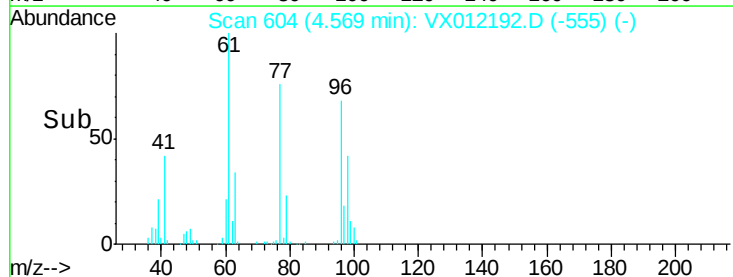
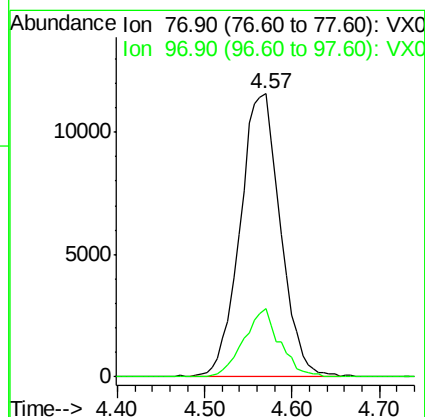
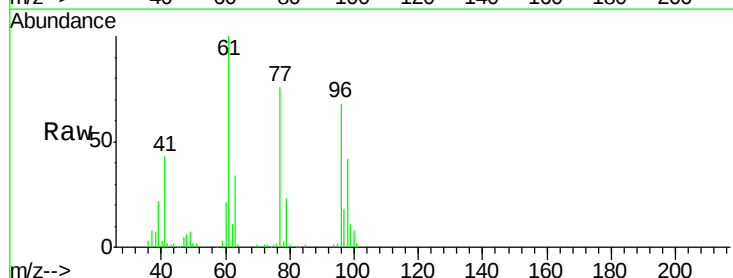
Acq: 08 Sep 2019 00:14

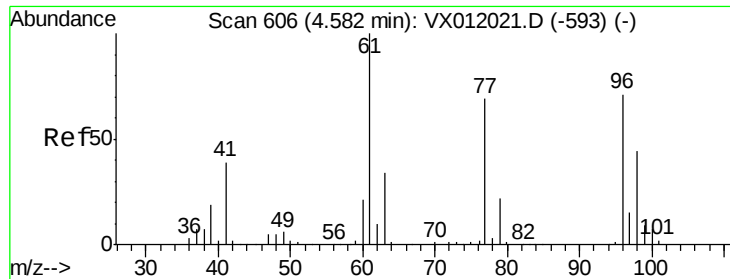
Tgt Ion: 77 Resp: 37080

Ion Ratio Lower Upper

77 100

97 21.5 11.5 34.5





#27

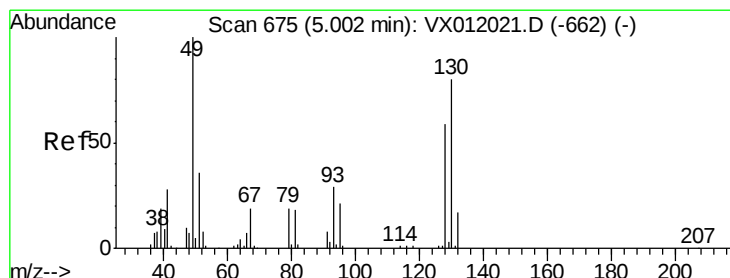
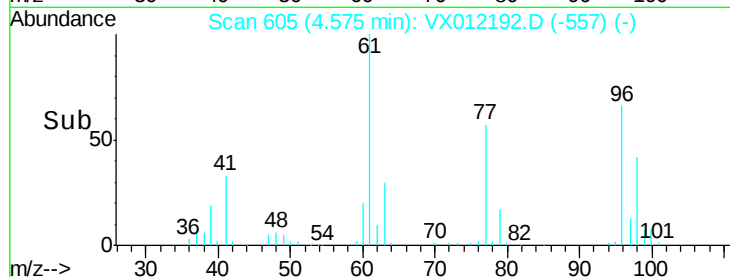
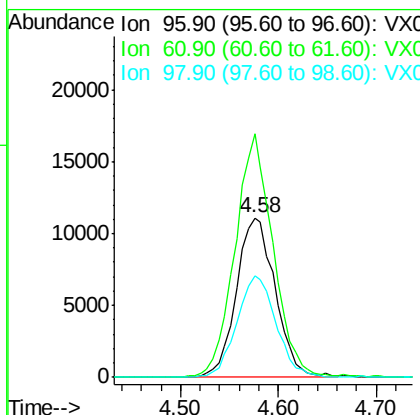
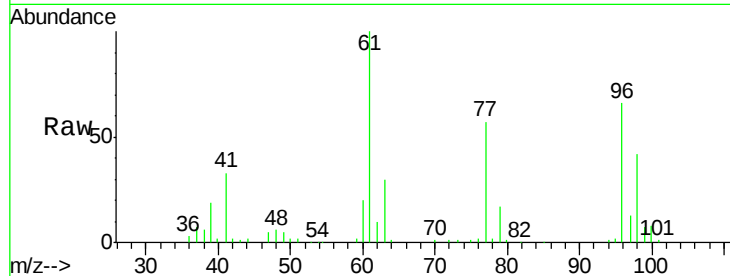
cis-1,2-Dichloroethene
Concen: 20.322 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampled :
VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	30732		
61	148.9	0.0	277.0	
98	64.3	0.0	128.4	

Manual Integrations
APPROVED

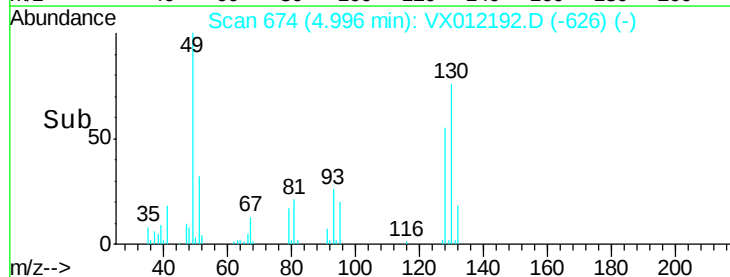
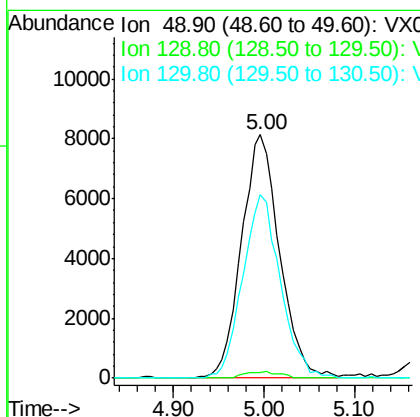
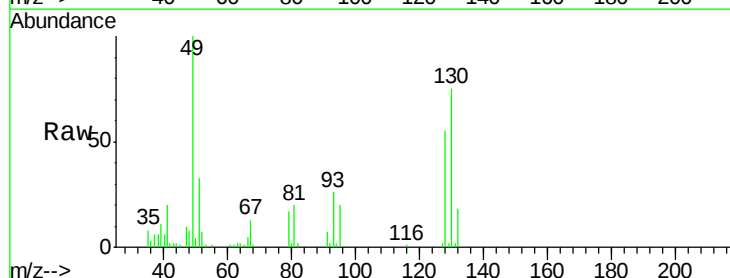
MMDadoda
9/9/2019 9:19:14 AM

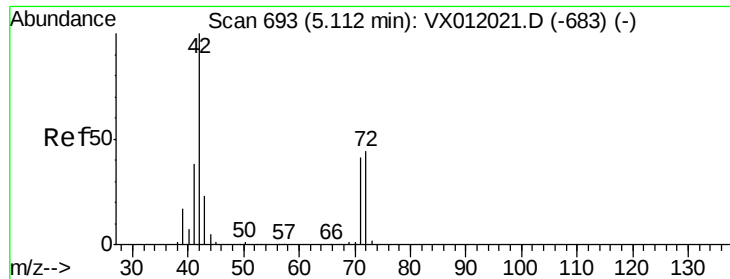


#28

Bromochloromethane
Concen: 25.266 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	23717		
129	2.4	0.0	5.6	
130	74.2	76.7	115.1#	





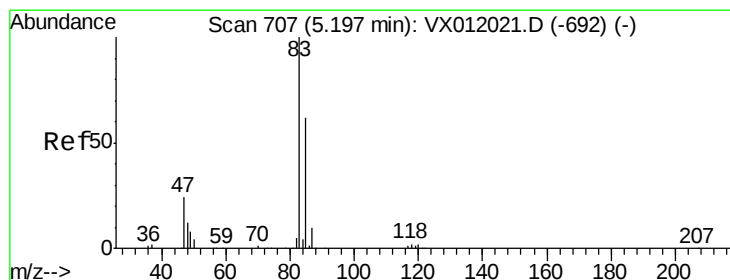
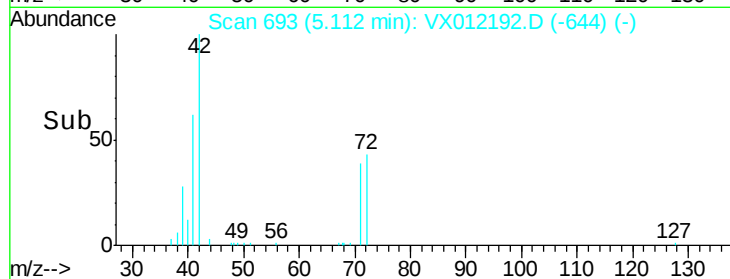
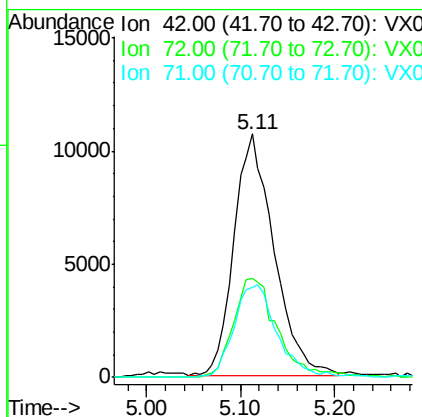
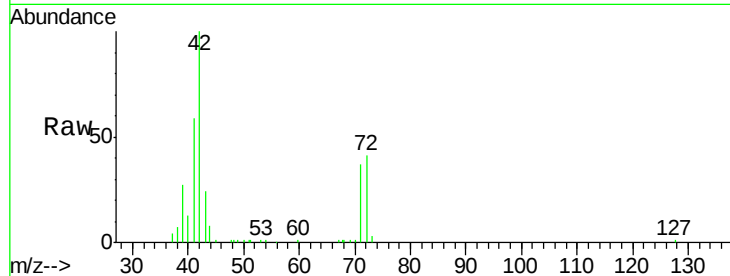
#29
Tetrahydrofuran
Concen: 112.459 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	37.0	55.4
71	41.1	33.8	50.8

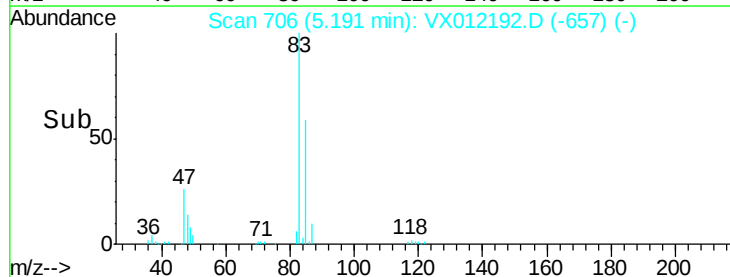
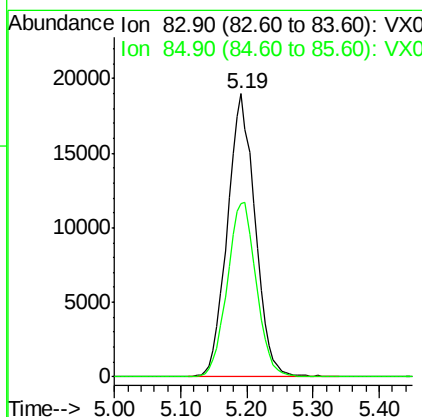
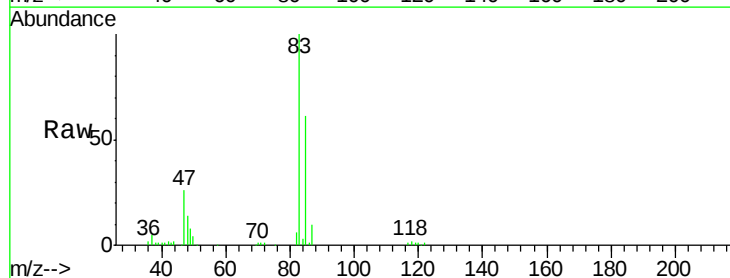
Manual Integrations
APPROVED

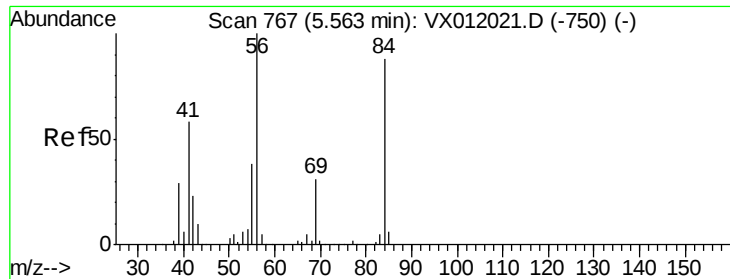
MMDadoda
9/9/2019 9:19:14 AM



#30
Chloroform
Concen: 21.890 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.6	78.8





#31

Cyclohexane

Concen: 16.264 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

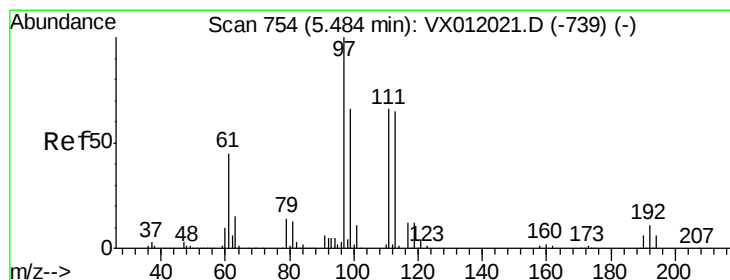
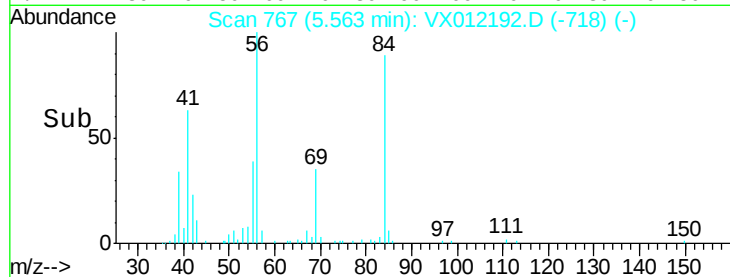
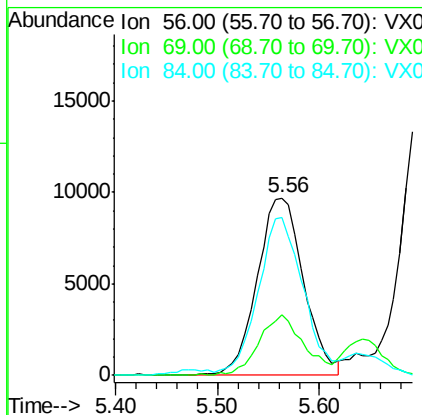
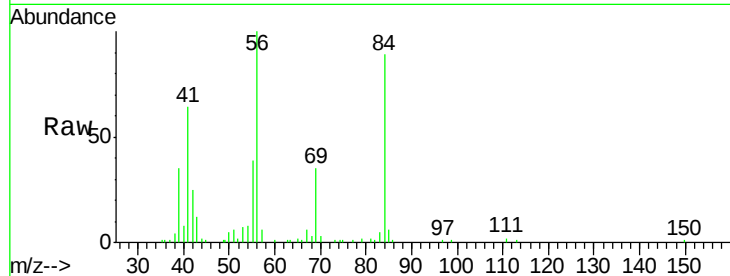
ClientSampleId :

VX0907SBS02

Tot Ion:	56	Resp:	30718
Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.7	38.5
84	86.2	70.3	105.5

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#32

1,1,1-Trichloroethane

Concen: 20.035 ug/l

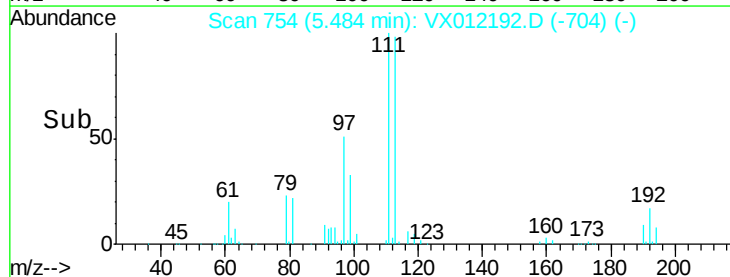
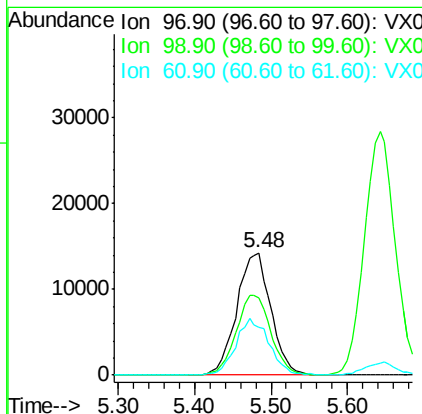
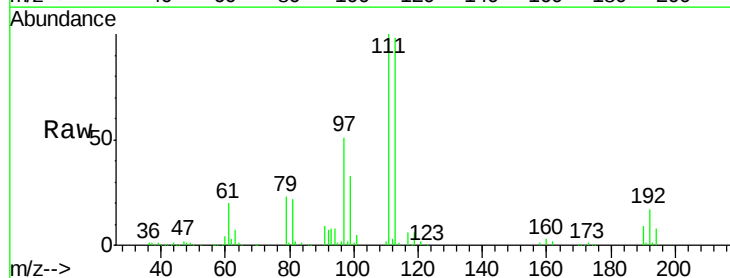
RT: 5.48 min Scan# 754

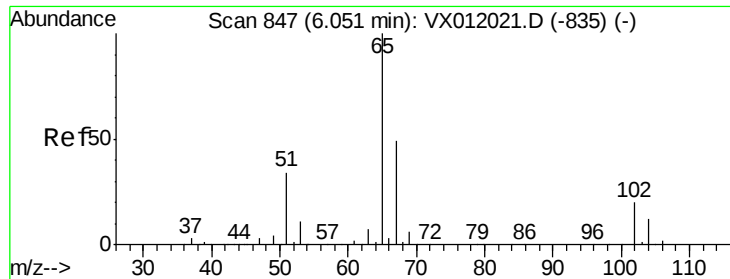
Delta R.T. 0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tgt Ion:	97	Resp:	44031
Ion	Ratio	Lower	Upper
97	100		
99	66.4	52.1	78.1
61	45.5	32.8	49.2





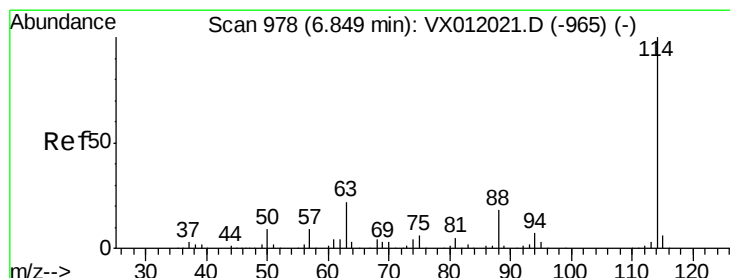
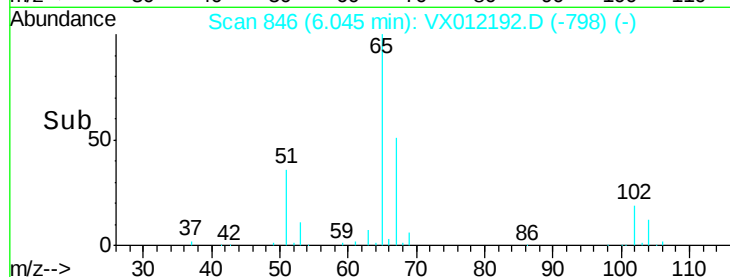
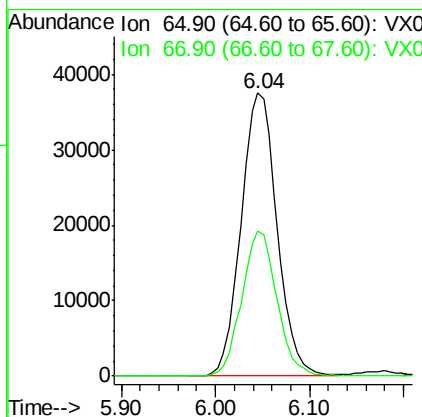
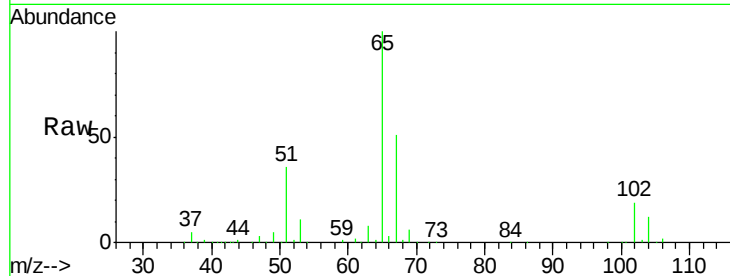
#33
 1,2-Dichloroethane-d4
 Concen: 65.147 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	100360		
67	50.2	0.0	102.0	

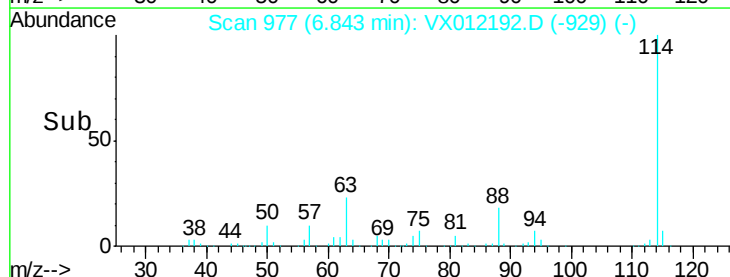
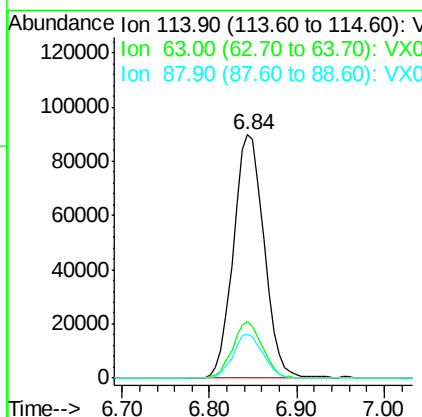
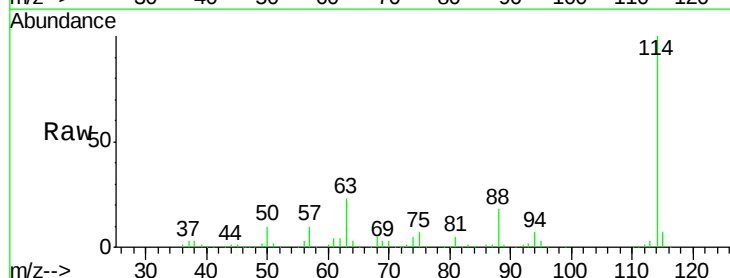
Manual Integrations
 APPROVED

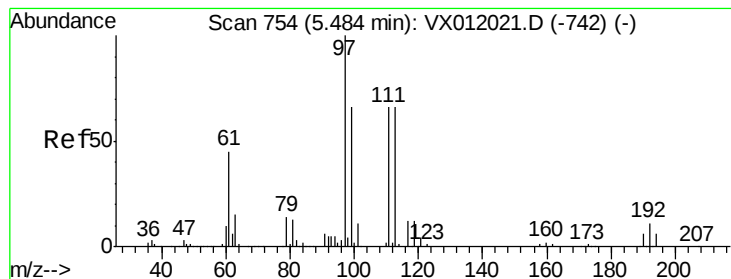
MMDadoda
 9/9/2019 9:19:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	219074		
63	23.3	0.0	37.4	
88	18.0	0.0	29.6	





#35

Dibromofluoromethane

Concen: 58.287 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

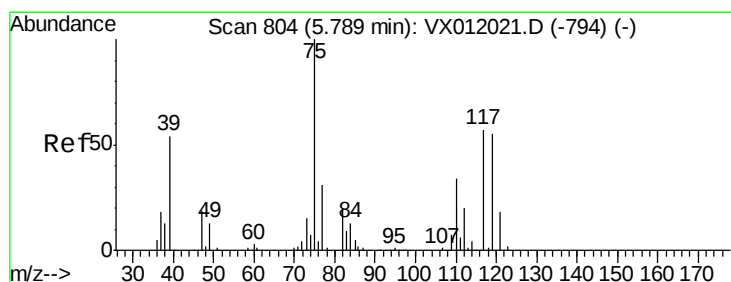
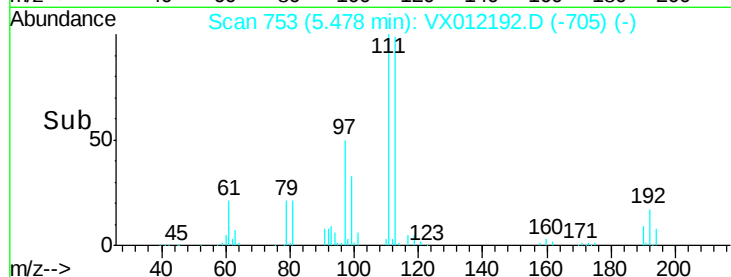
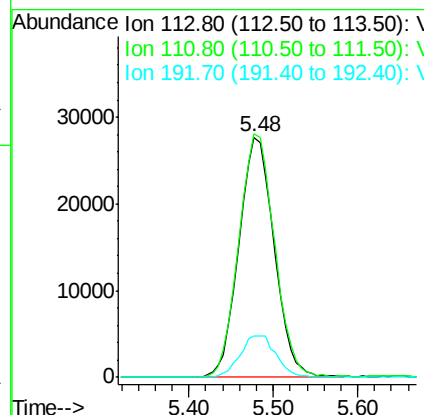
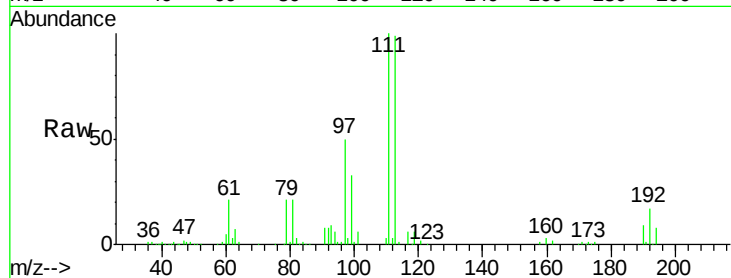
ClientSampleId :

VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	78527		
111	102.7		81.7	122.5
192	17.7		22.5	33.7#

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#36

1,1-Dichloropropene

Concen: 16.650 ug/l

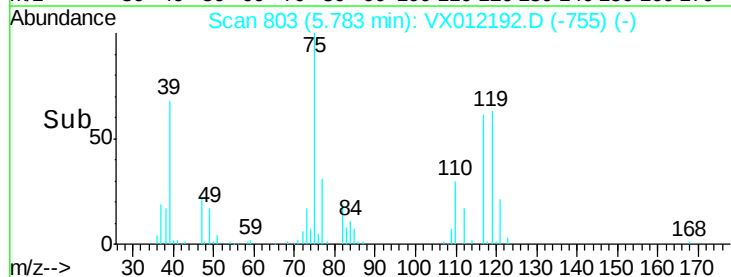
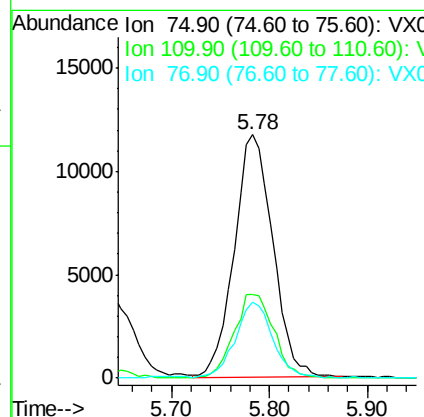
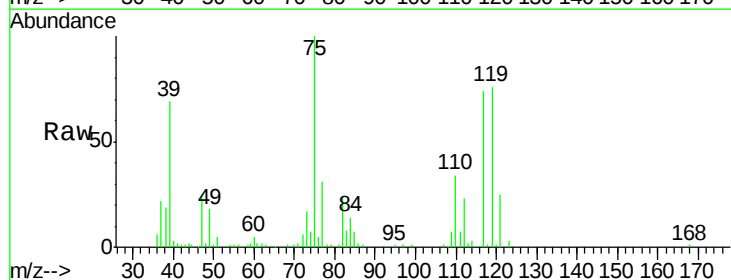
RT: 5.78 min Scan# 803

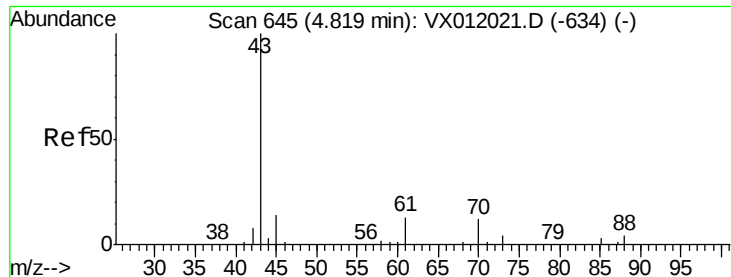
Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32127		
110	35.7		19.5	58.5
77	30.5		24.6	37.0





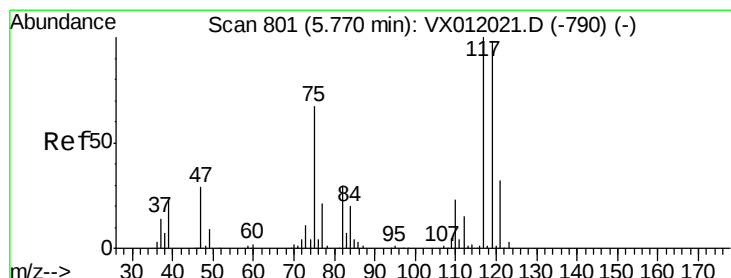
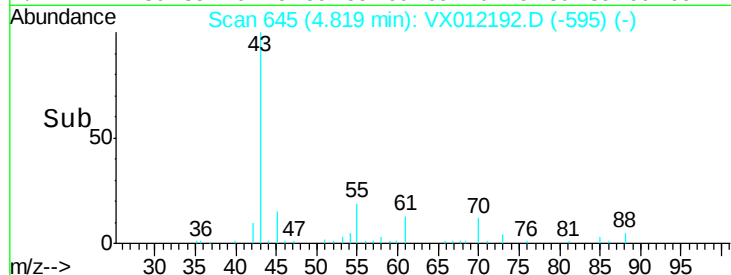
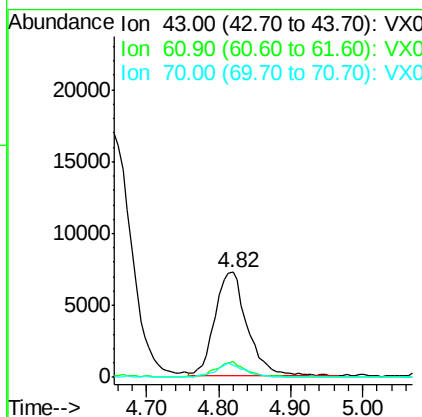
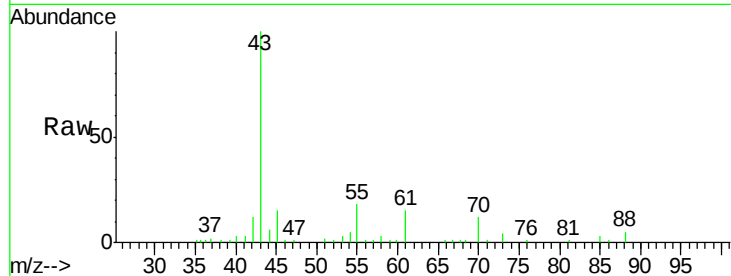
#37
Ethyl Acetate
Concen: 21.559 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampled :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.9	16.3
70	12.0	9.4	14.0

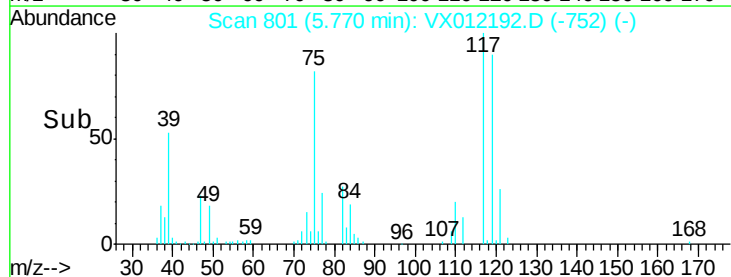
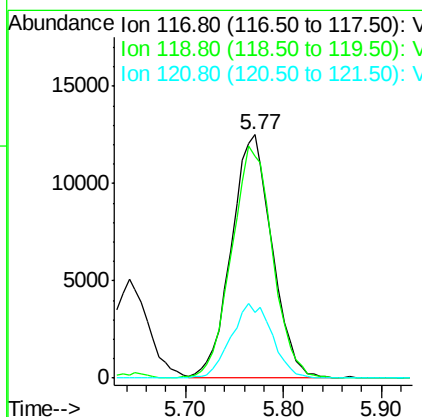
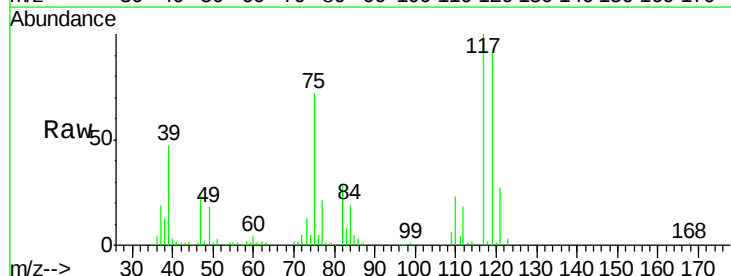
Manual Integrations
APPROVED

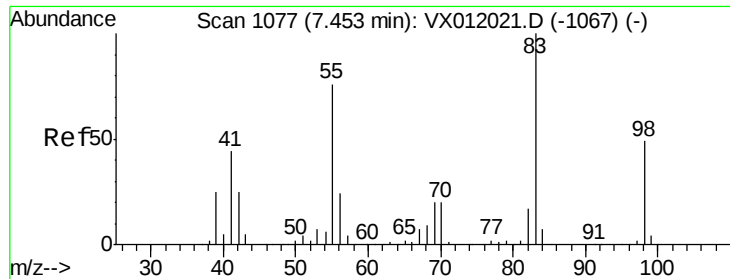
MMDadoda
9/9/2019 9:19:14 AM



#38
Carbon Tetrachloride
Concen: 17.783 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	78.3	117.5
121	27.0	24.2	36.2





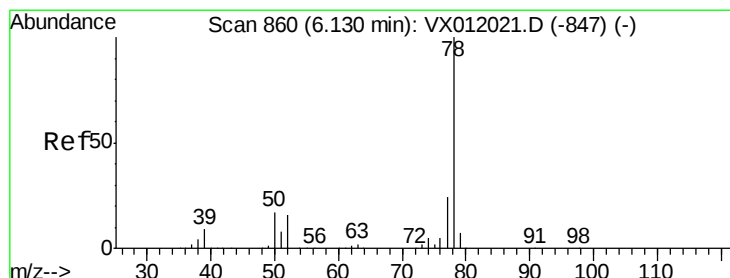
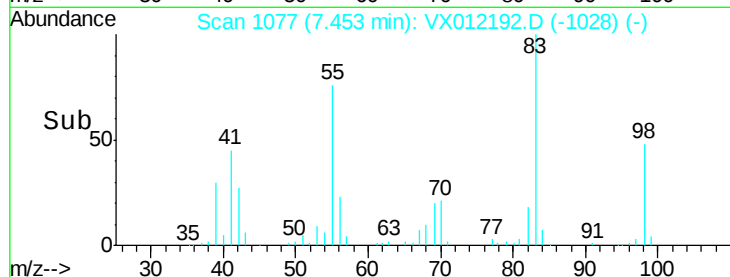
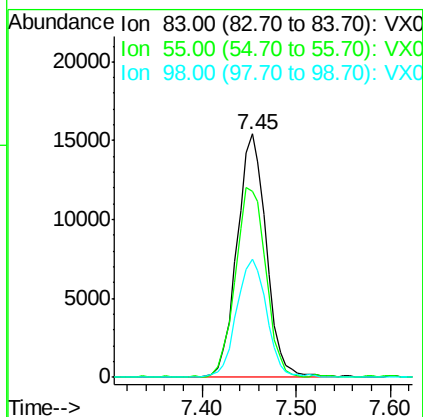
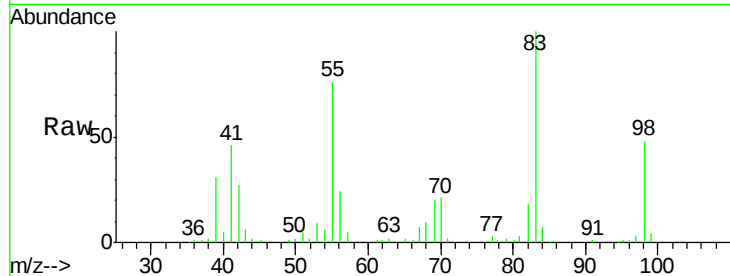
#39
Methvlcvclohexane
Concen: 14.967 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	59.6	89.4
98	48.4	41.4	62.0

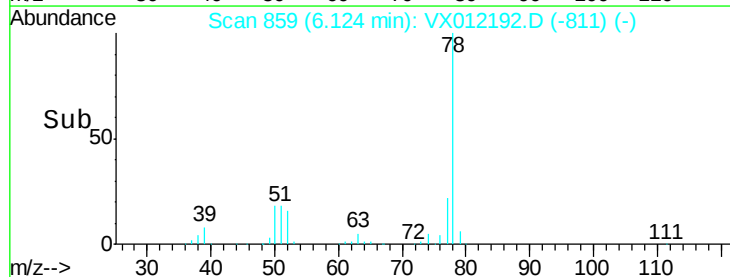
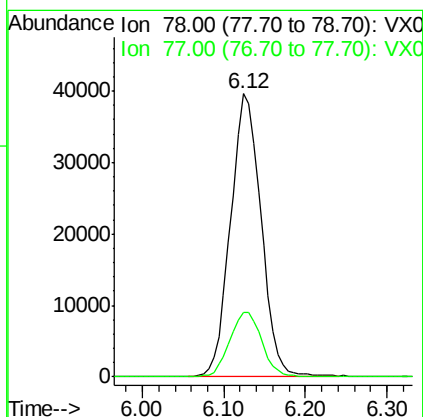
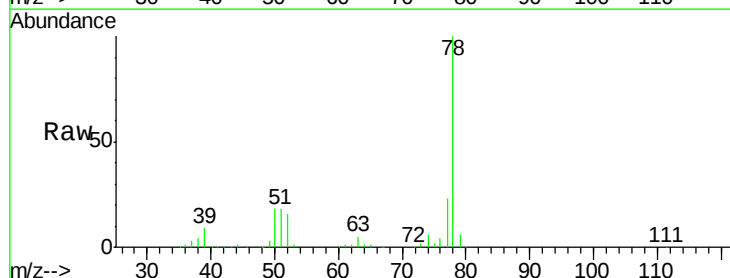
Manual Integrations
APPROVED

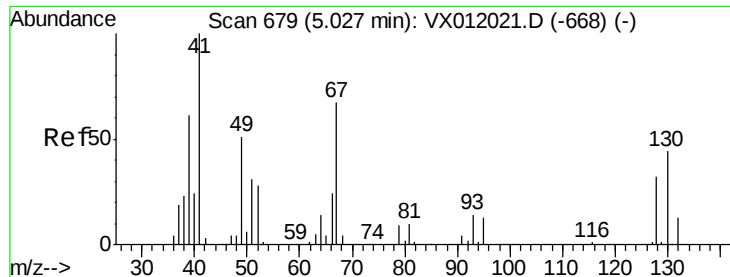
MMDadoda
9/9/2019 9:19:14 AM



#40
Benzene
Concen: 18.542 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.3	28.9





#41

Methacrylonitrile

Concen: 21.764 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 41 Resp: 13618

Ion Ratio Lower Upper

41 100

39 60.5 46.7 70.1

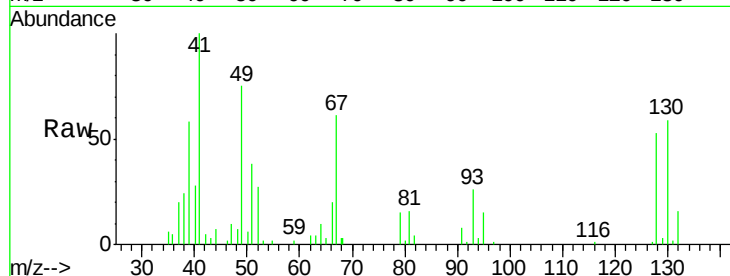
67 69.3 57.0 85.6

52 33.5 23.5 35.3

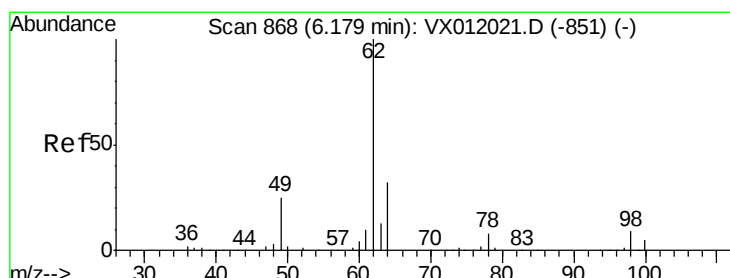
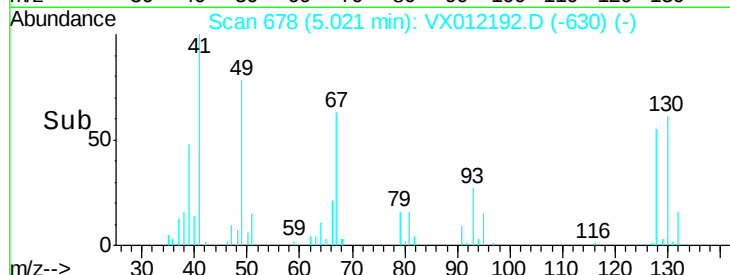
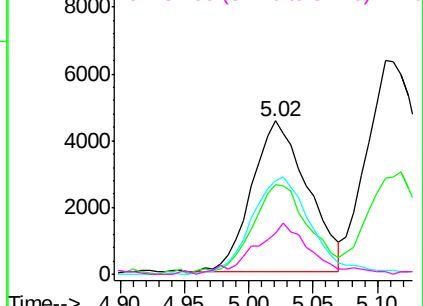
Manual Integrations
APPROVED

MMDadoda

9/9/2019 9:19:14 AM



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.315 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012192.D

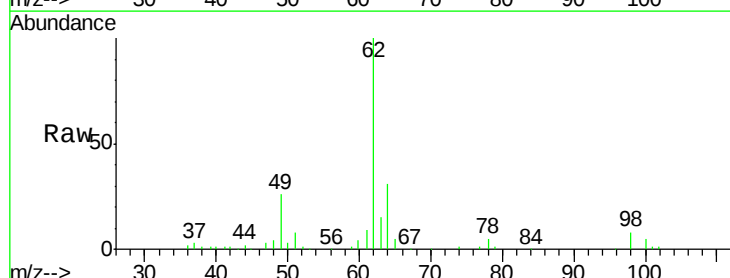
Acq: 08 Sep 2019 00:14

Tgt Ion: 62 Resp: 42488

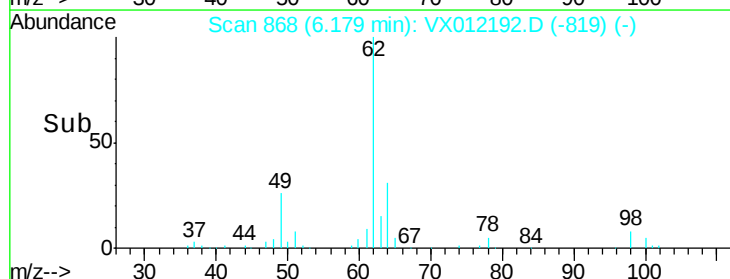
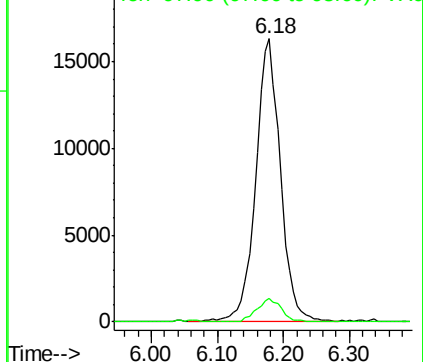
Ion Ratio Lower Upper

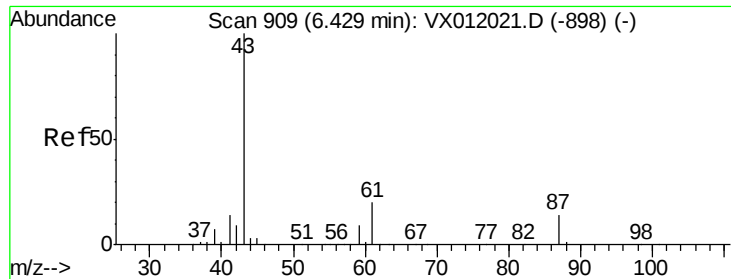
62 100

98 8.1 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

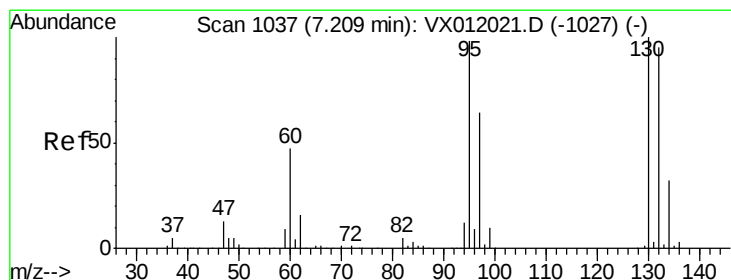
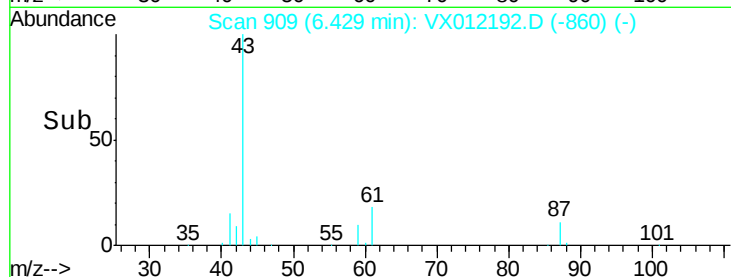
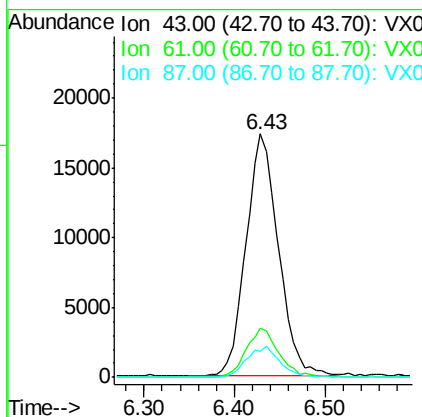
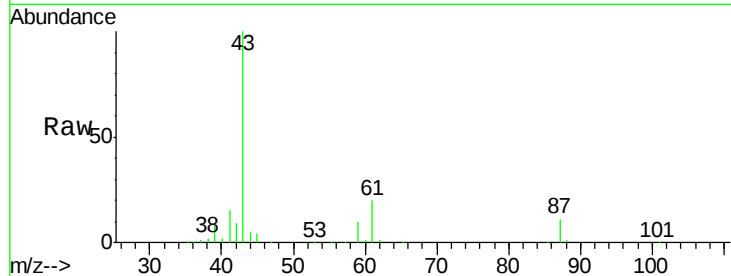
Isopropyl Acetate
 Concen: 20.249 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.0	11.3	16.9

Manual Integrations
 APPROVED

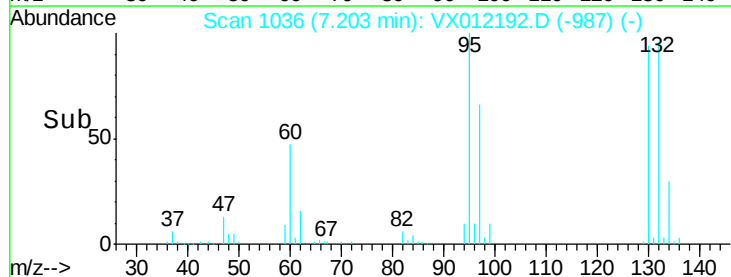
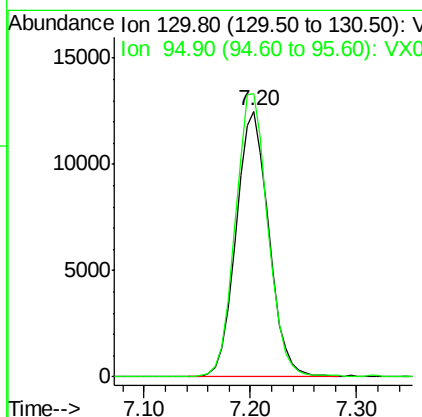
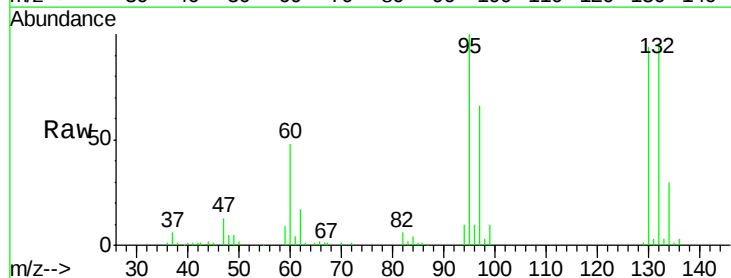
MMDadoda
 9/9/2019 9:19:14 AM

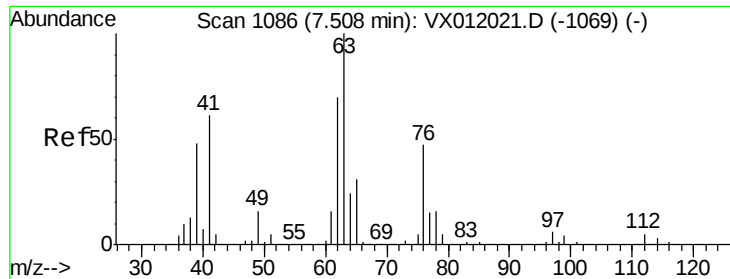


#44

Trichloroethene
 Concen: 18.133 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	176.4





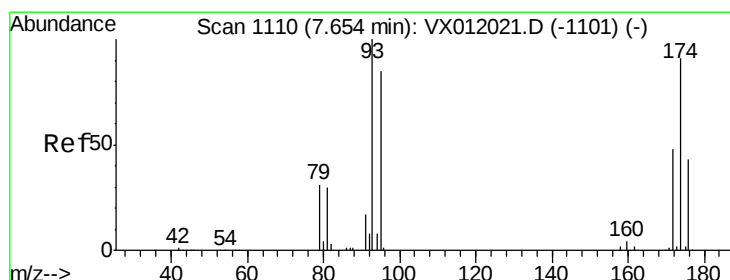
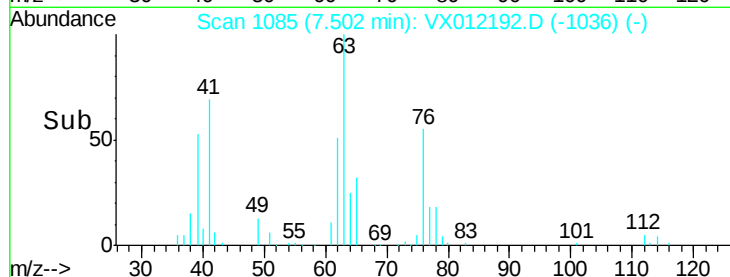
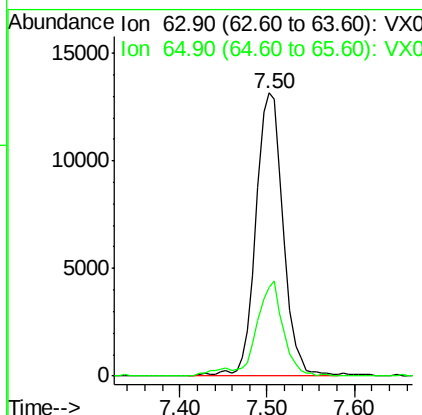
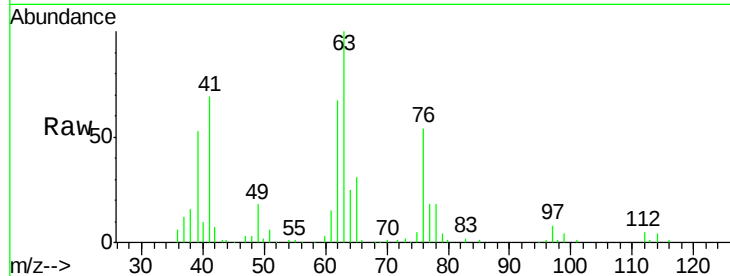
#45
 1,2-Dichloropropane
 Concen: 19.931 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907SBS02

Tot Ion: 63 Resp: 28524
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

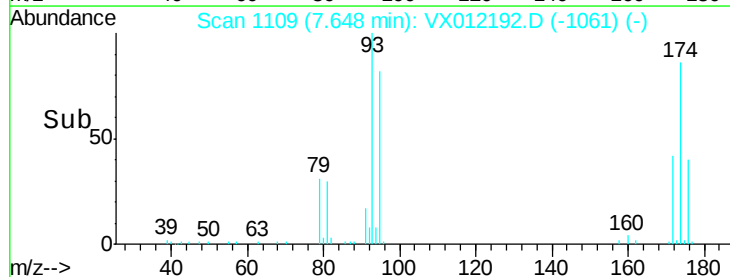
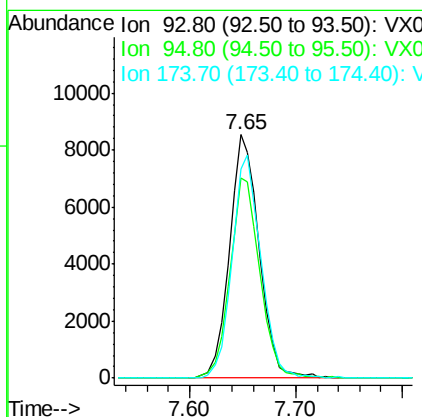
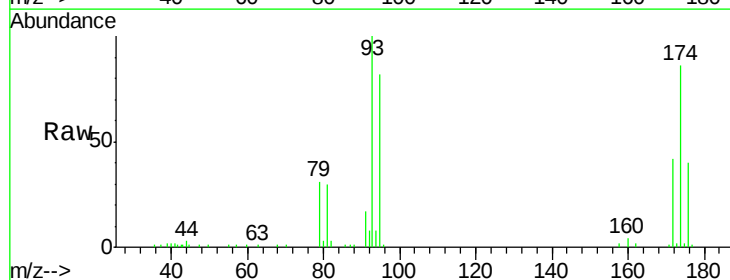
Manual Integrations
 APPROVED

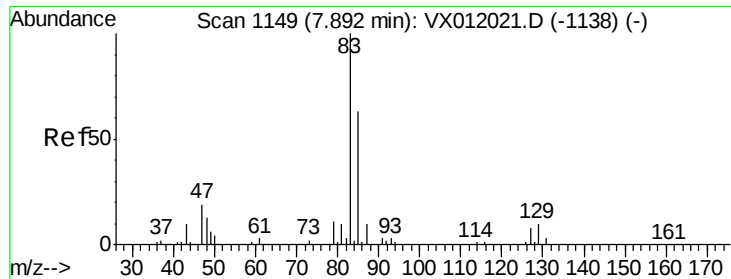
MMDadoda
 9/9/2019 9:19:14 AM



#46
 Dibromomethane
 Concen: 19.946 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion: 93 Resp: 16664
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.2
 174 88.8 110.2 165.4#





#47

Bromodichloromethane

Concen: 20.490 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

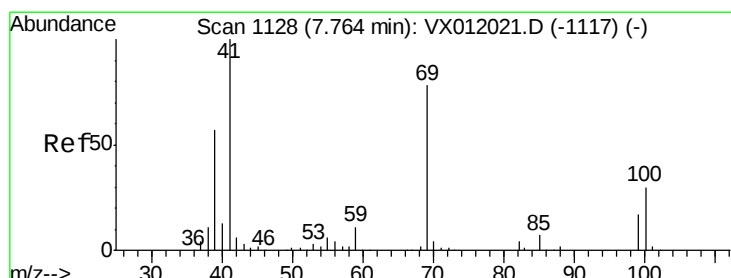
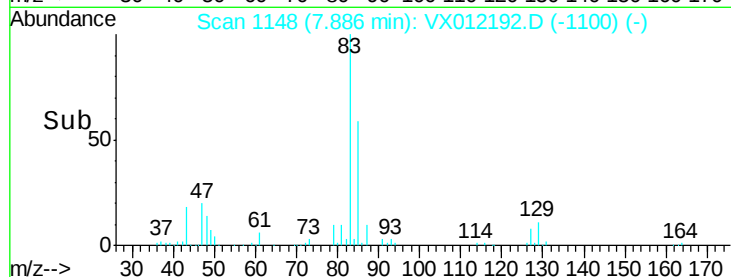
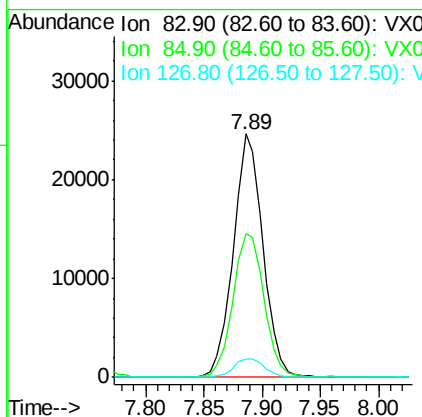
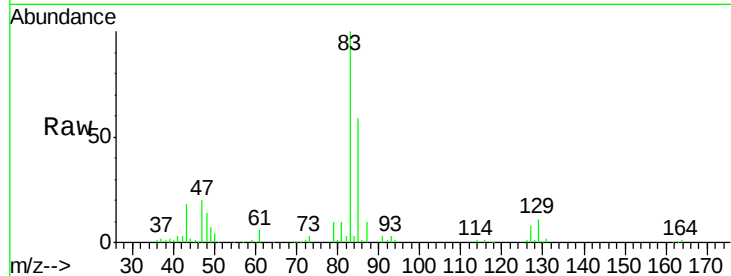
ClientSampleId :

VX0907SBS02

Tot Ion:	83	Resp:	43511
Ion	Ratio	Lower	Upper
83	100		
85	59.3	50.3	75.5
127	7.6	8.1	12.1#

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#48

Methyl methacrylate

Concen: 20.484 ug/l

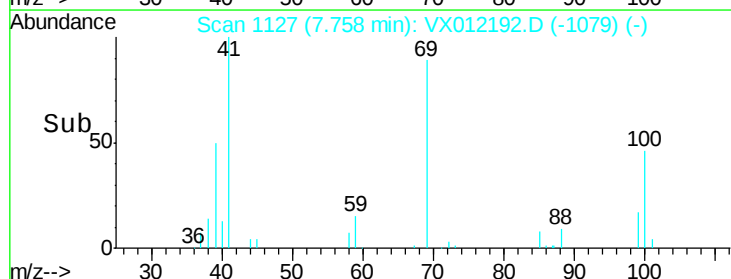
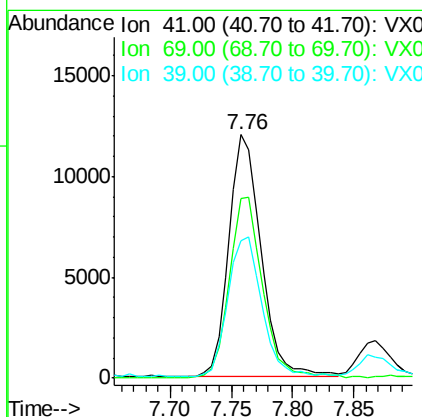
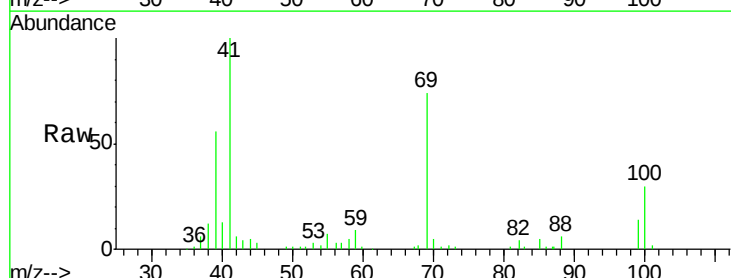
RT: 7.76 min Scan# 1127

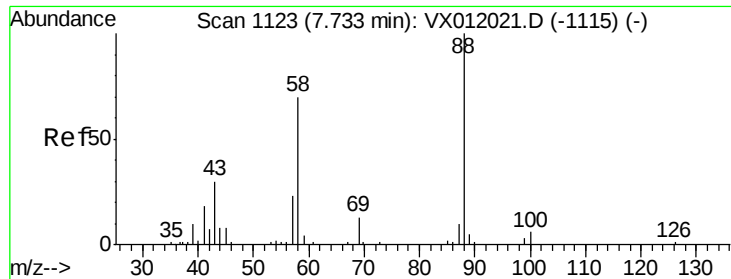
Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tgt Ion:	41	Resp:	21973
Ion	Ratio	Lower	Upper
41	100		
69	77.5	66.3	99.5
39	61.2	48.1	72.1





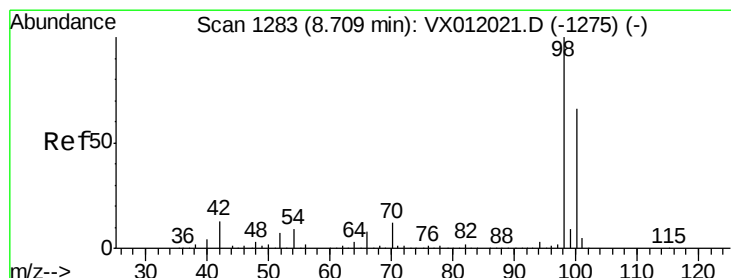
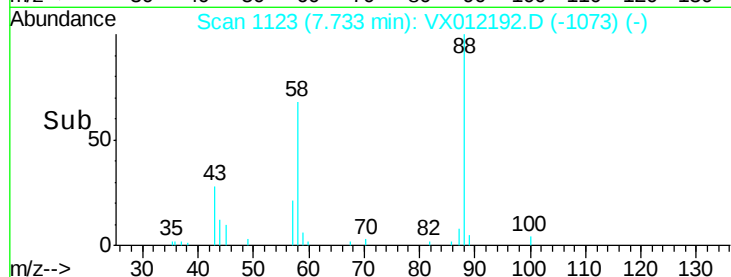
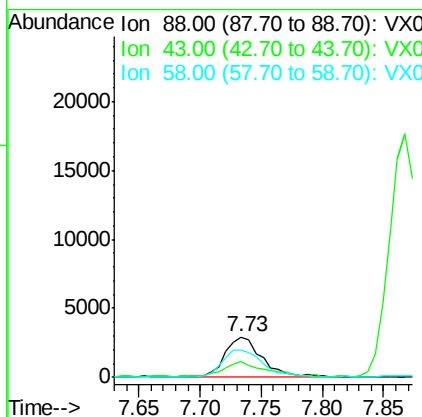
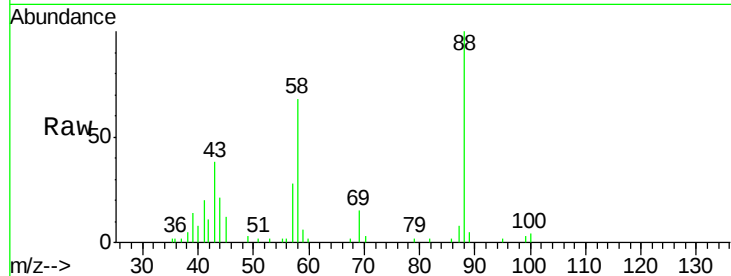
#49
1,4-Dioxane
Concen: 419.190 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.5	29.8	44.6
58	76.2	55.4	83.2

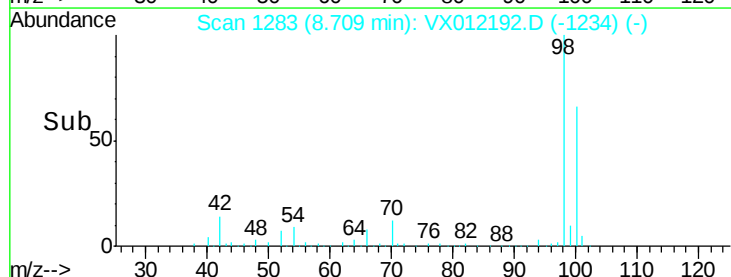
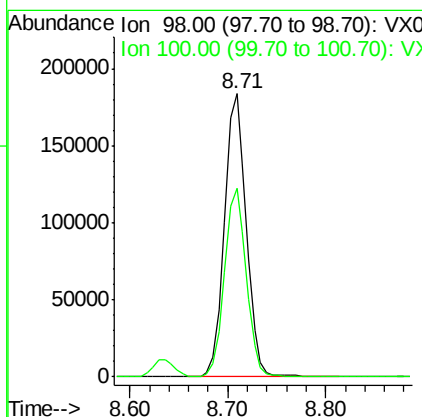
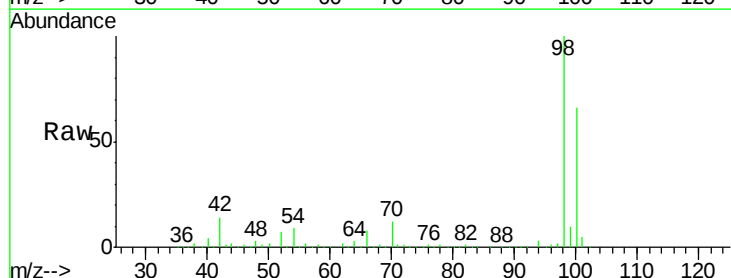
Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#50
Toluene-d8
Concen: 57.370 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 105.257 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 43 Resp: 114220

Ion Ratio Lower Upper

43 100

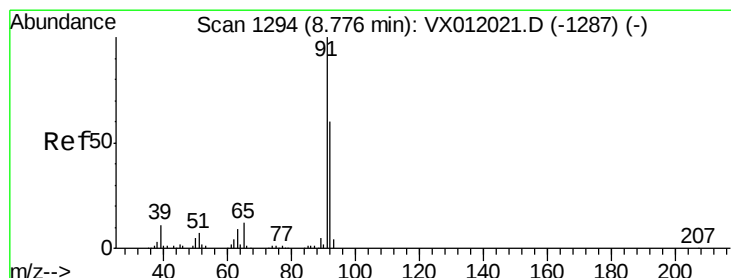
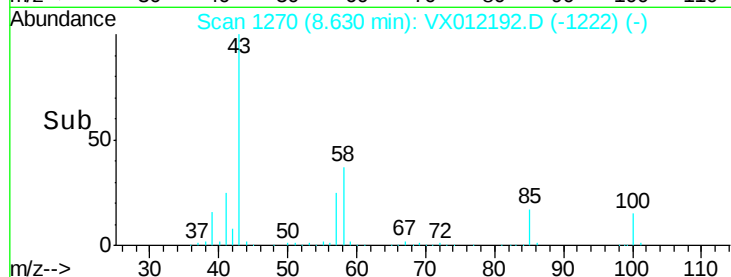
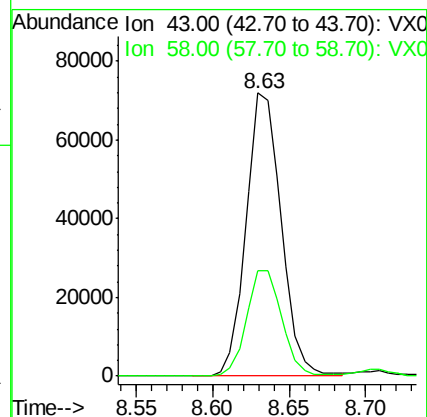
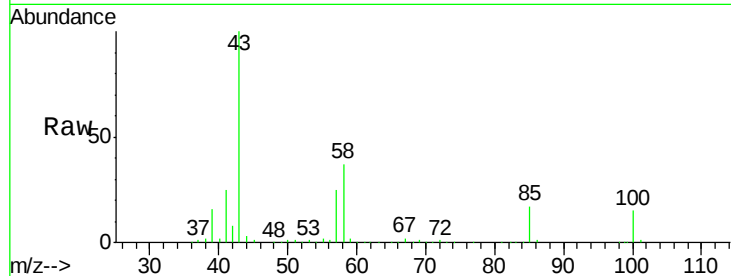
58 37.7 31.5 47.3

Manual Integrations

APPROVED

MMDadoda

9/9/2019 9:19:14 AM



#52

Toluene

Concen: 18.734 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012192.D

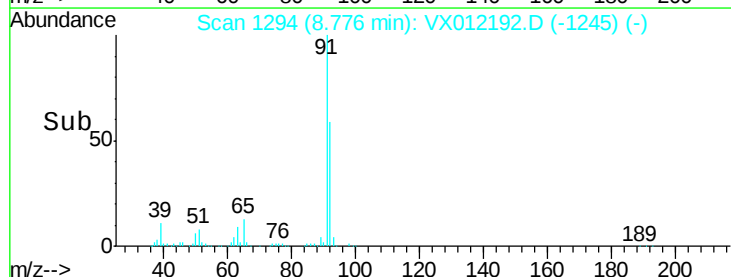
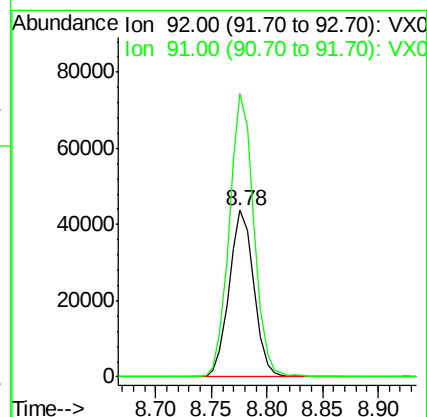
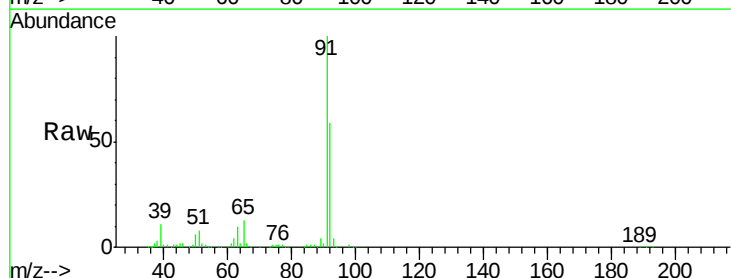
Acq: 08 Sep 2019 00:14

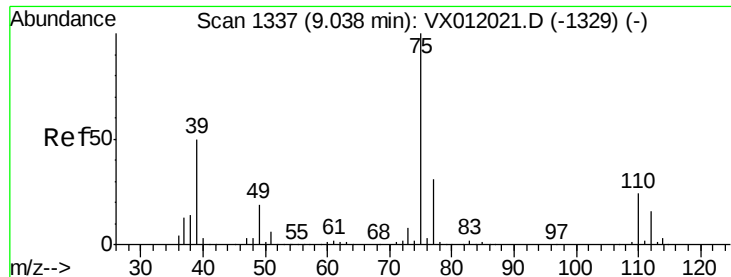
Tgt Ion: 92 Resp: 67519

Ion Ratio Lower Upper

92 100

91 167.6 136.0 204.0





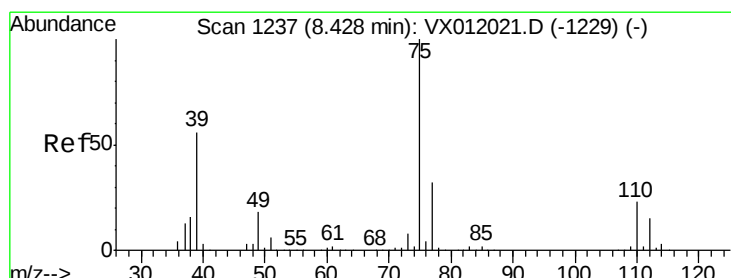
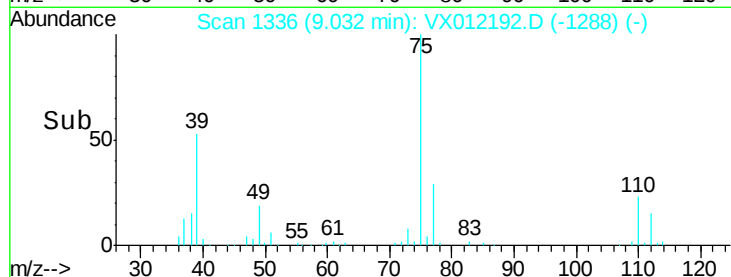
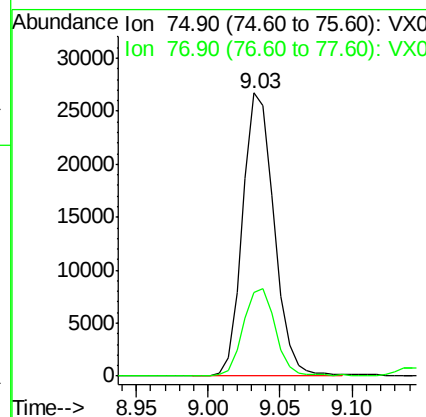
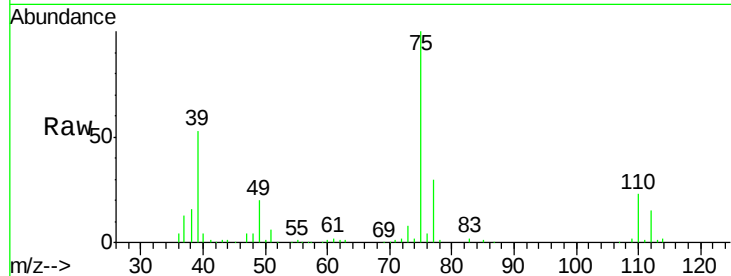
#53
 t-1,3-Dichloropropene
 Concen: 18.470 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion: 75 Resp: 40607
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.1 37.7

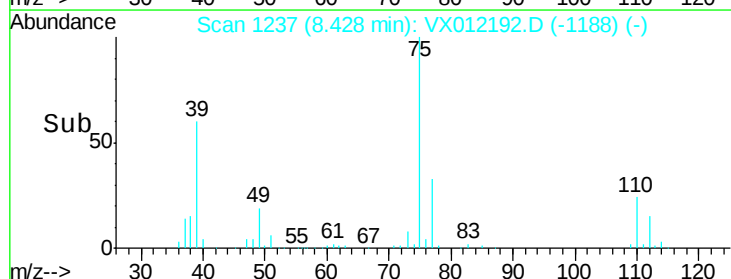
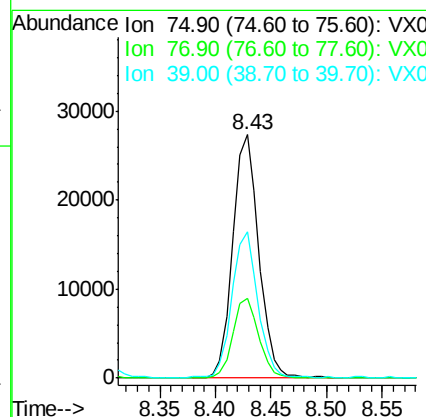
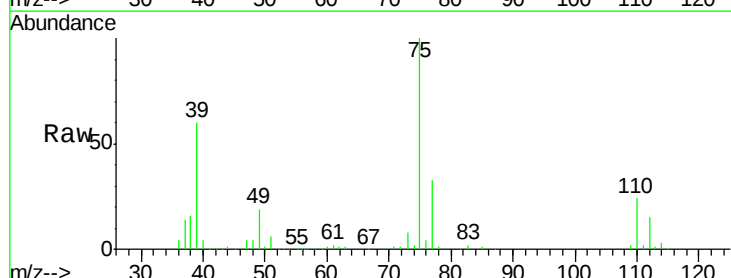
Manual Integrations
 APPROVED

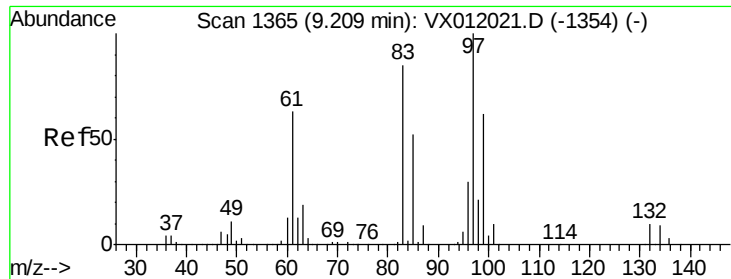
MMDadoda
 9/9/2019 9:19:14 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.134 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion: 75 Resp: 44334
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 59.5 43.0 64.4





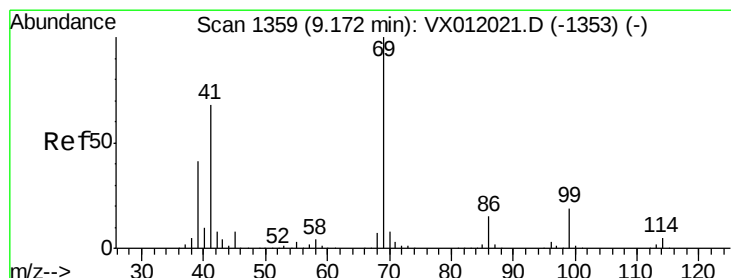
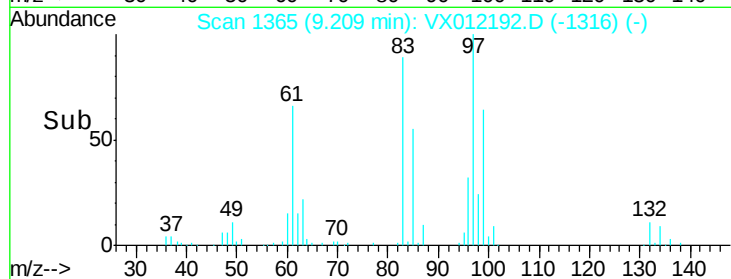
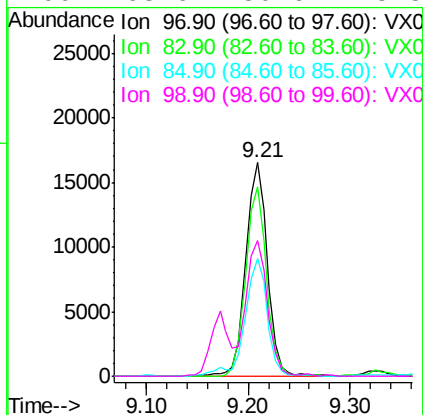
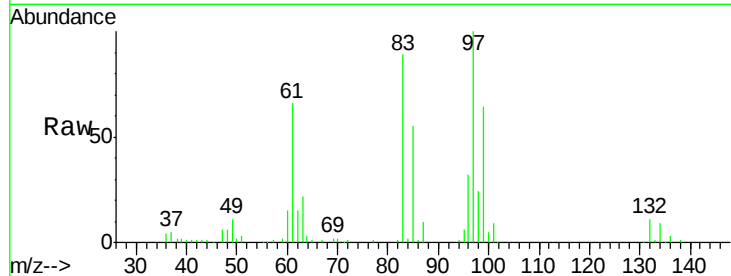
#55
 1,1,2-Trichloroethane
 Concen: 20.369 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907SBS02

Tot Ion:	97	Resp:	24329
Ion	Ratio	Lower	Upper
97	100		
83	88.8	66.0	99.0
85	54.9	41.0	61.6
99	63.6	50.6	75.8

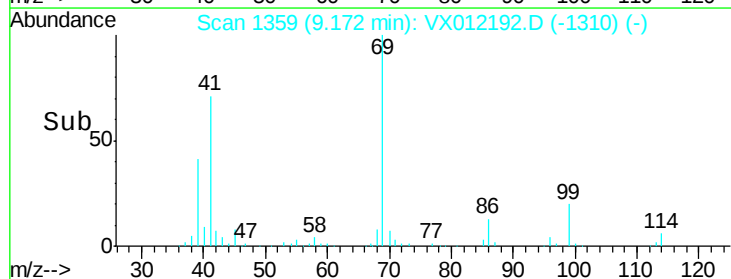
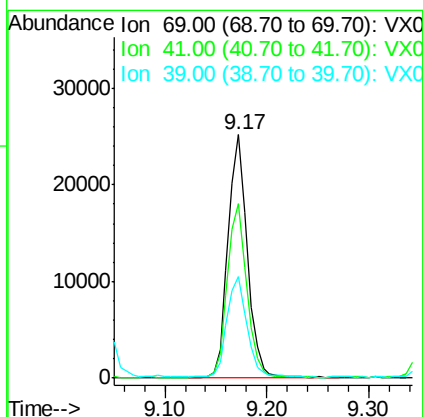
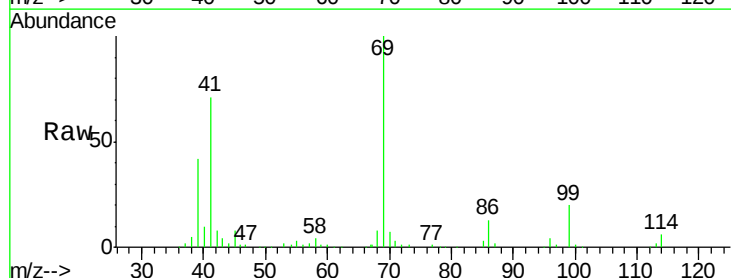
Manual Integrations
 APPROVED

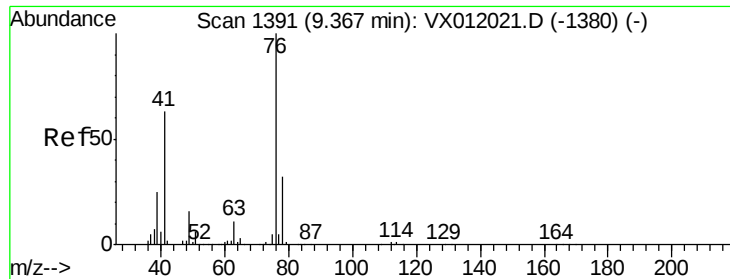
MMDadoda
 9/9/2019 9:19:14 AM



#56
 Ethyl methacrylate
 Concen: 19.440 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion:	69	Resp:	33258
Ion	Ratio	Lower	Upper
69	100		
41	73.0	53.9	80.9
39	42.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.151 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion: 76 Resp: 41533

Ion Ratio Lower Upper

76 100

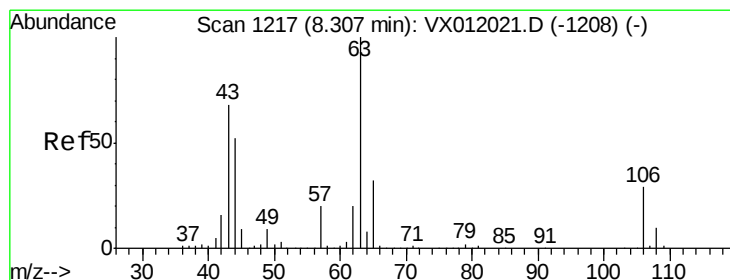
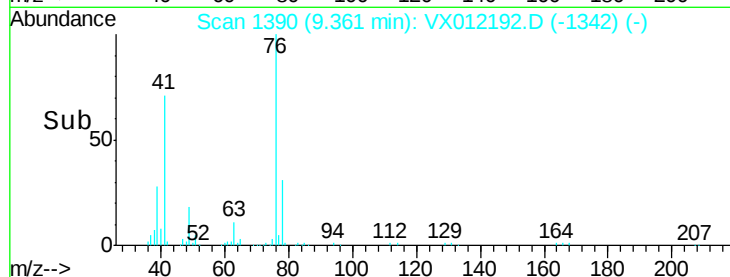
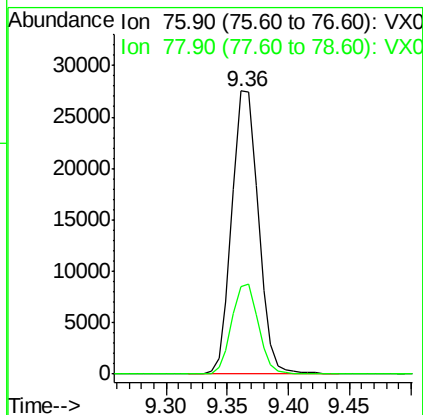
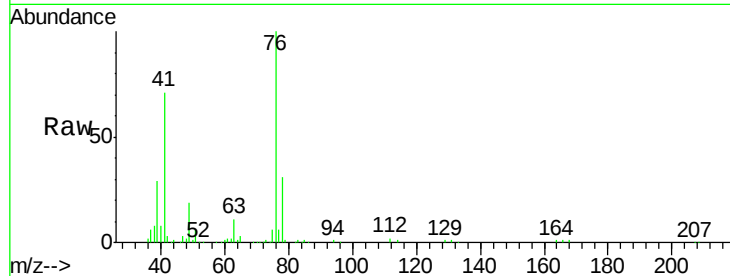
78 31.6 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

9/9/2019 9:19:14 AM



#58

2-Chloroethyl Vinyl ether

Concen: 104.162 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012192.D

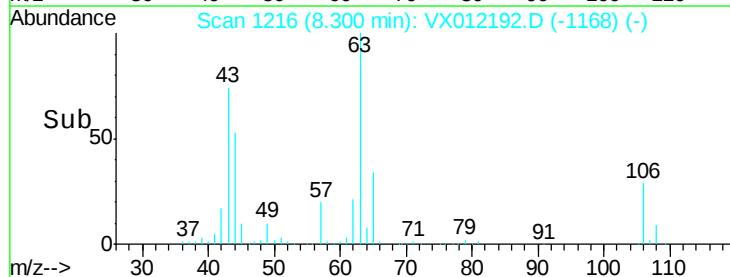
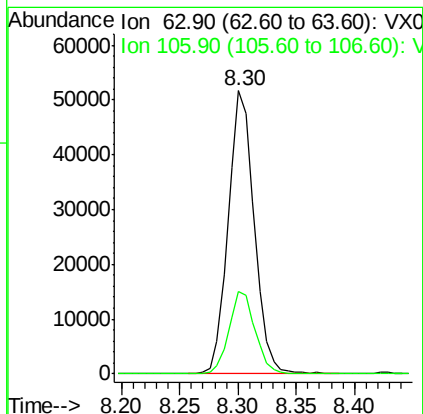
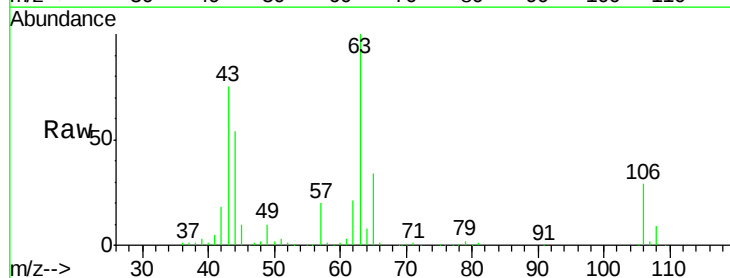
Acq: 08 Sep 2019 00:14

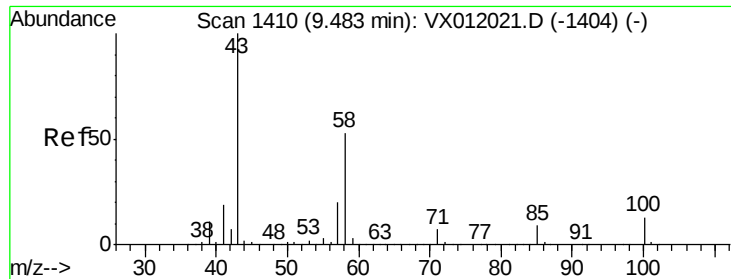
Tgt Ion: 63 Resp: 80341

Ion Ratio Lower Upper

63 100

106 29.4 26.5 39.7





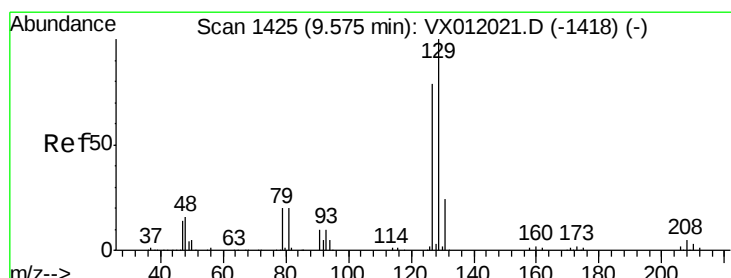
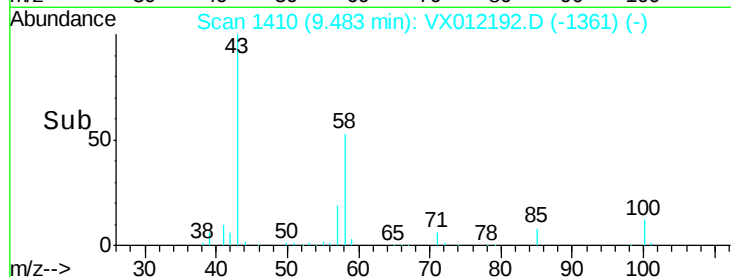
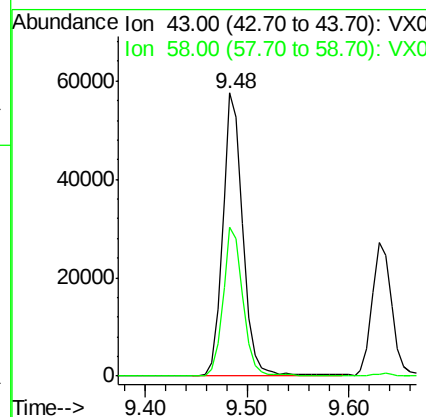
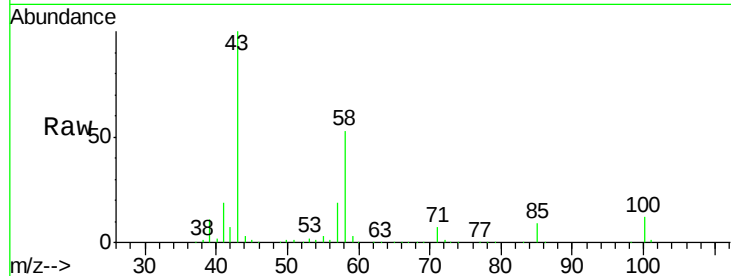
#59
2-Hexanone
Concen: 100.721 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion: 43 Resp: 79752
Ion Ratio Lower Upper
43 100
58 51.9 27.2 81.6

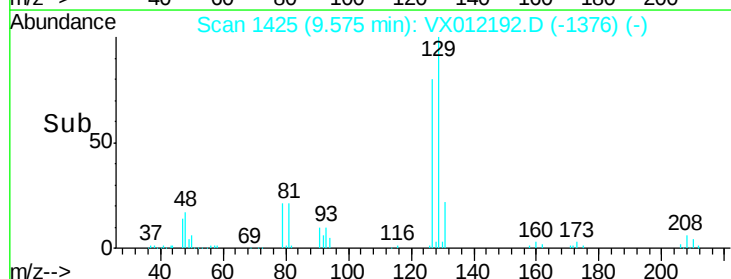
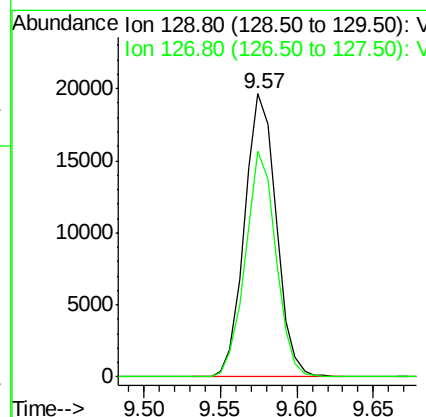
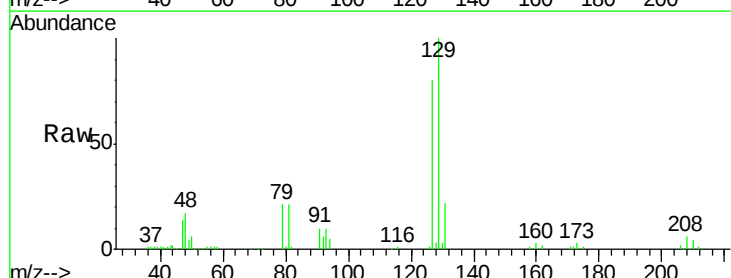
Manual Integrations
APPROVED

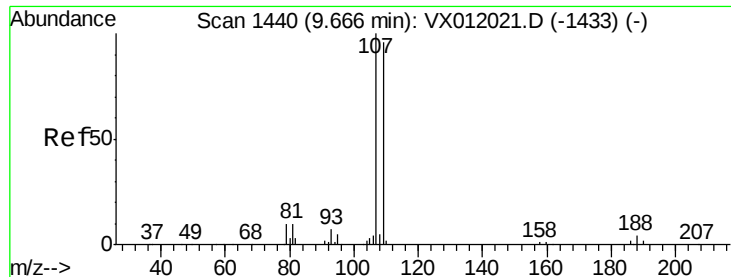
MMDadoda
9/9/2019 9:19:14 AM



#60
Dibromochloromethane
Concen: 19.834 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion: 129 Resp: 28233
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.142 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion:107 Resp: 23247

Ion Ratio Lower Upper

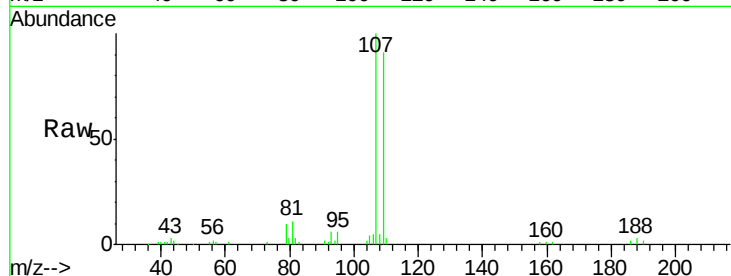
107 100

109 91.8 76.9 115.3

Manual Integrations
APPROVED

MMDadoda

9/9/2019 9:19:14 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

15000

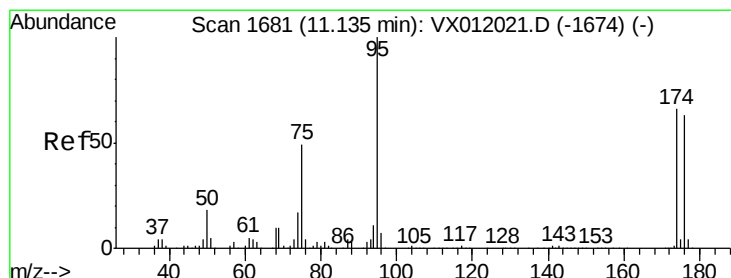
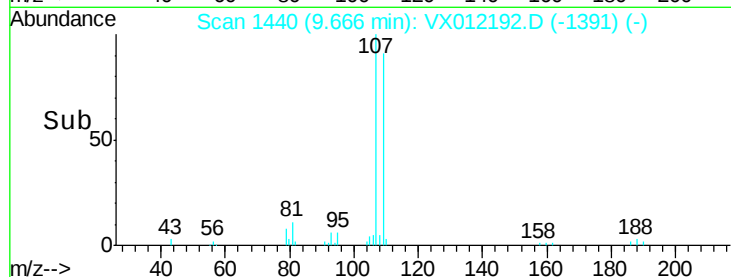
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 55.626 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

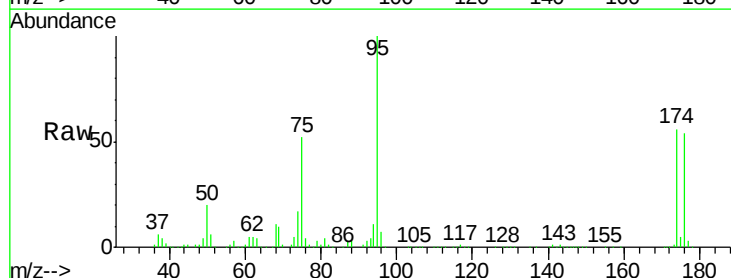
Tgt Ion: 95 Resp: 127891

Ion Ratio Lower Upper

95 100

174 63.8 0.0 205.4

176 60.6 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

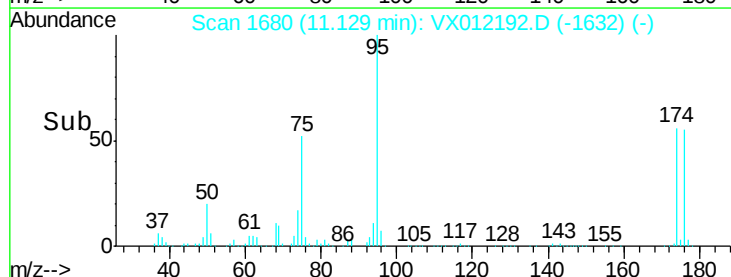
40000

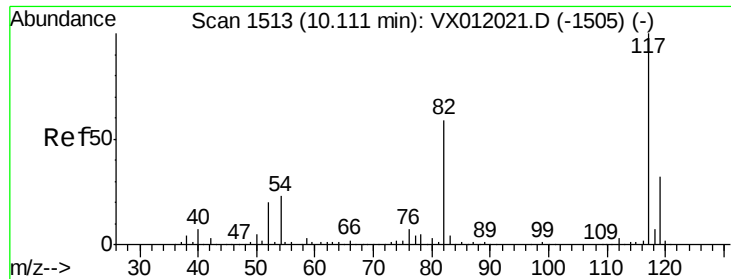
20000

0

Time-->

11.10 11.20





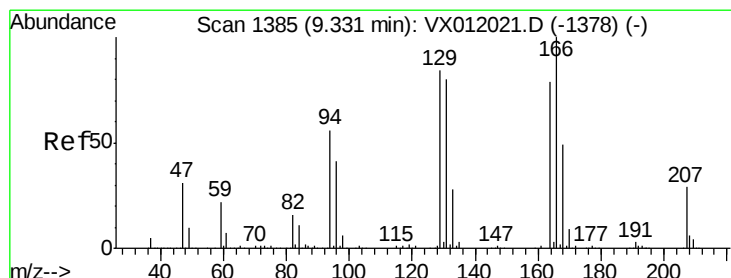
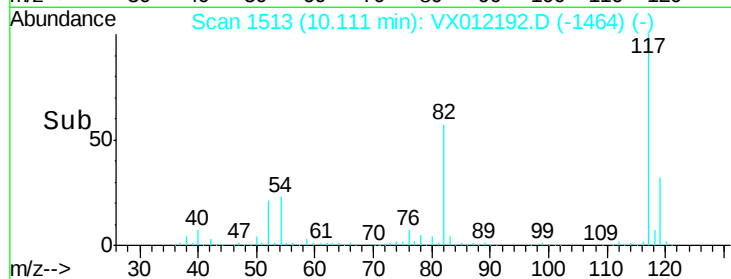
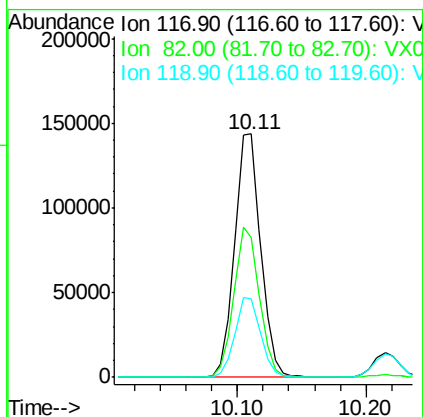
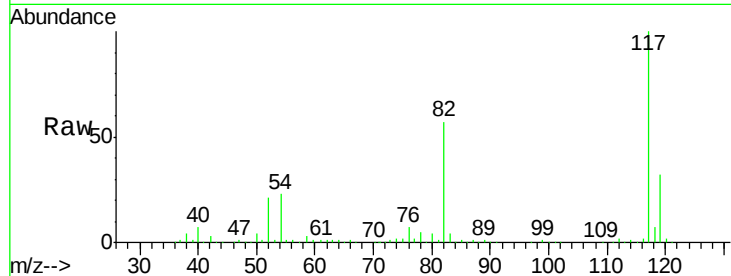
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	203078		
82	57.3		39.4	59.0
119	32.4		26.1	39.1

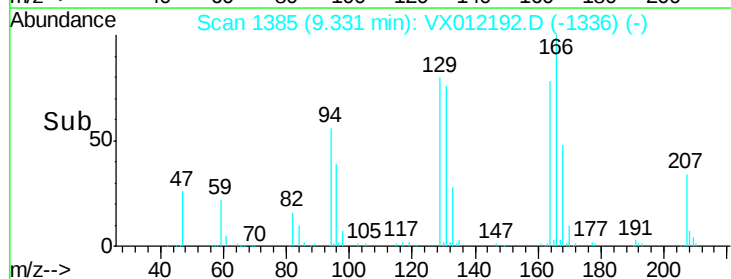
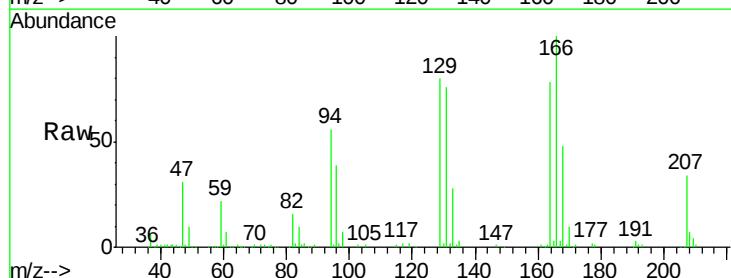
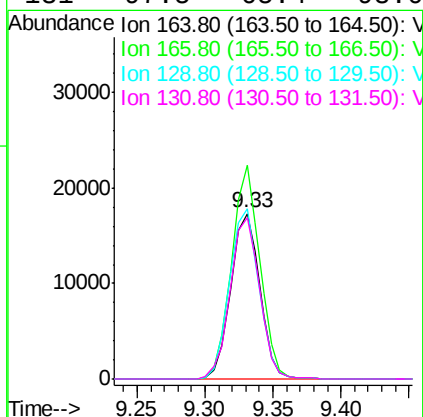
Manual Integrations
APPROVED

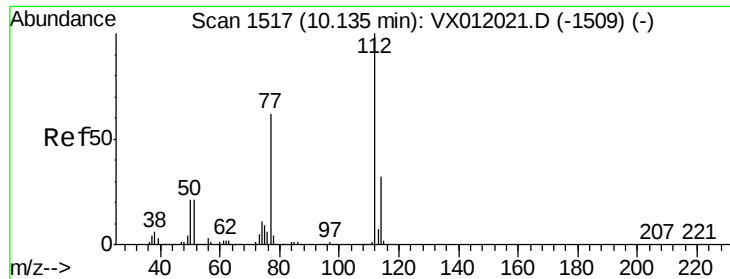
MMDadoda
9/9/2019 9:19:14 AM



#64
Tetrachloroethene
Concen: 20.373 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	25794		
166	129.0		104.3	156.5
129	102.9		68.3	102.5#
131	97.5		65.4	98.0





#65

Chlorobenzene

Concen: 19.195 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion:112 Resp: 76911

Ion Ratio Lower Upper

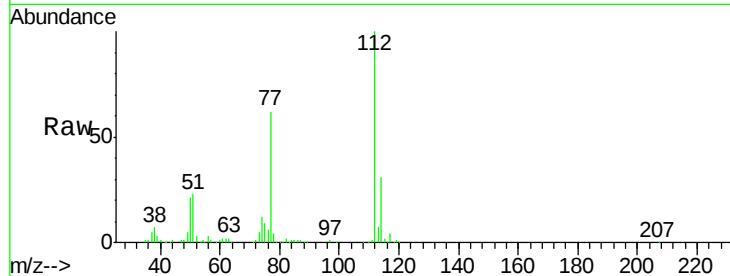
112 100

114 31.2 26.2 39.2

Manual Integrations
APPROVED

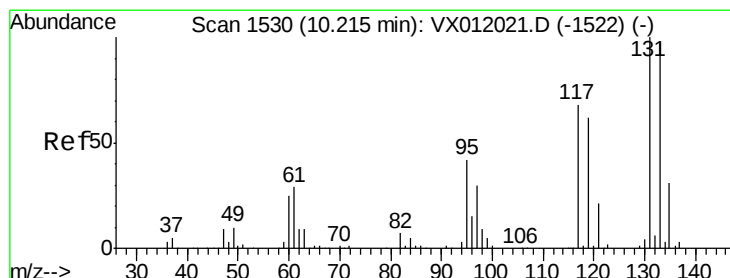
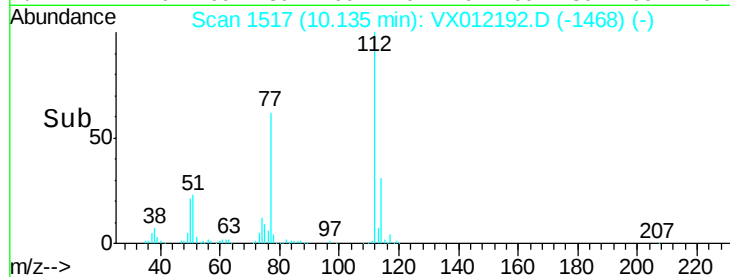
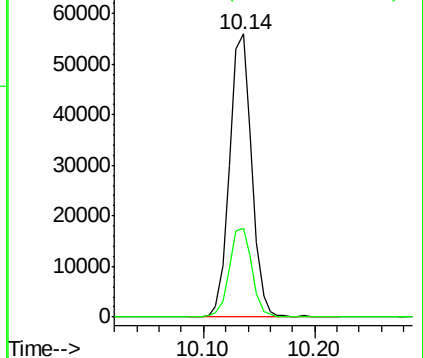
MMDadoda

9/9/2019 9:19:14 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.238 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

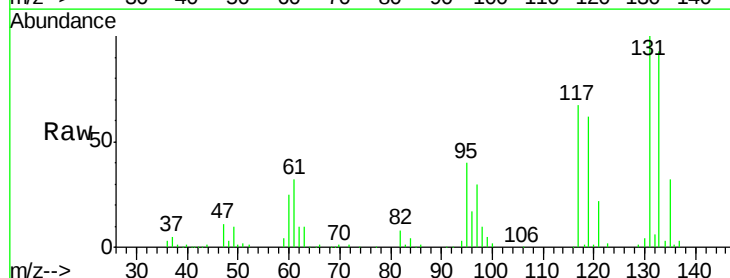
Tgt Ion:131 Resp: 29651

Ion Ratio Lower Upper

131 100

133 95.6 48.4 145.0

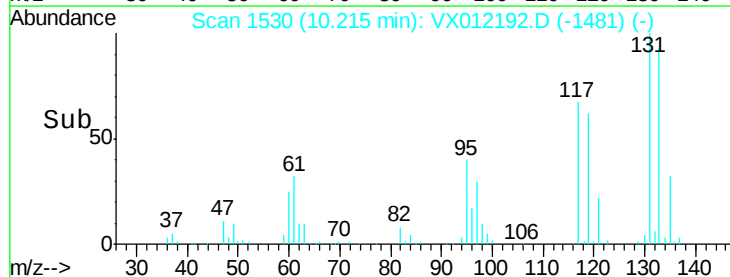
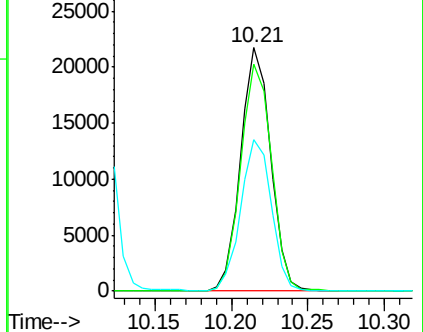
119 63.7 30.5 91.5

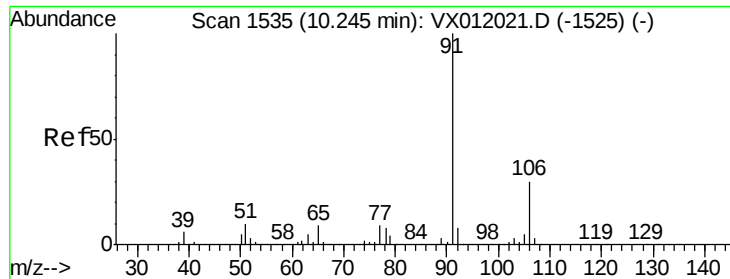


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





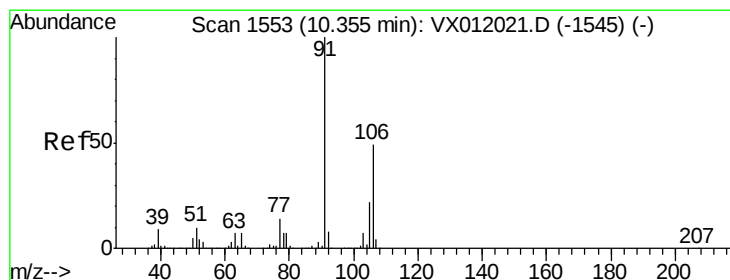
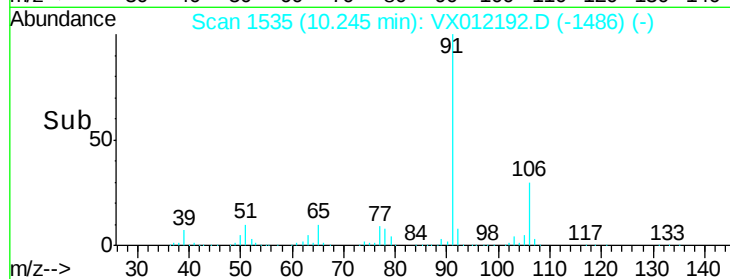
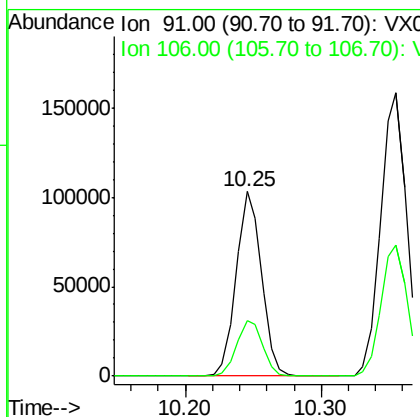
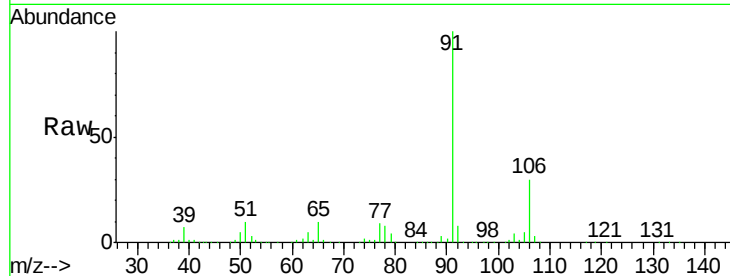
#67
Ethyl Benzene
Concen: 18.330 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion: 91 Resp: 133880
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.8

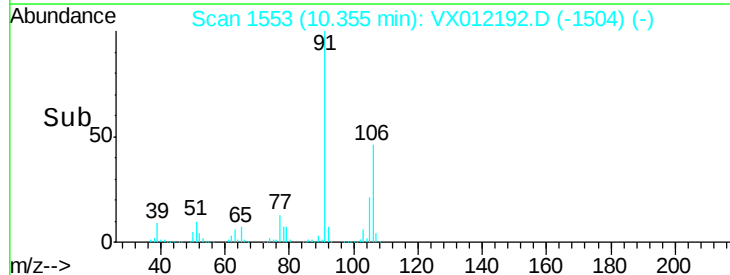
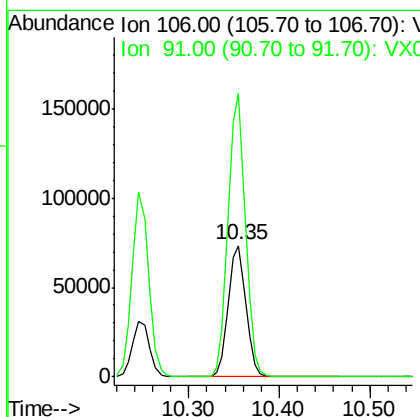
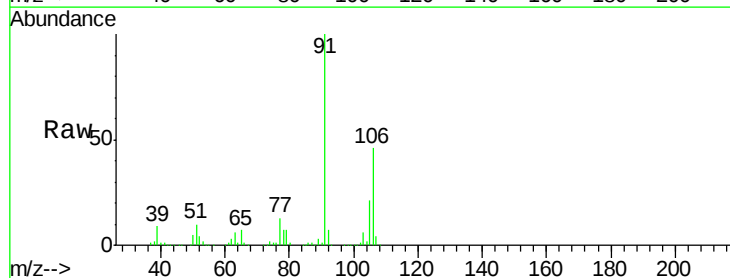
Manual Integrations
APPROVED

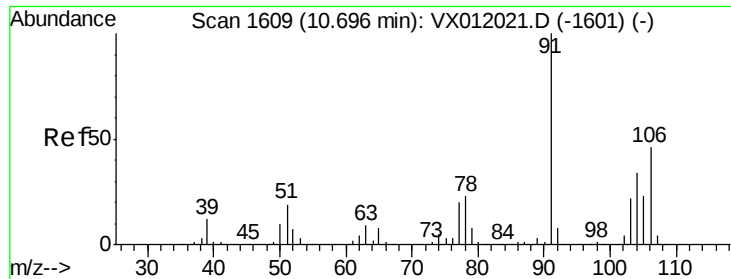
MMDadoda
9/9/2019 9:19:14 AM



#68
m/p-Xylenes
Concen: 36.914 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion: 106 Resp: 99335
Ion Ratio Lower Upper
106 100
91 212.4 157.5 236.3





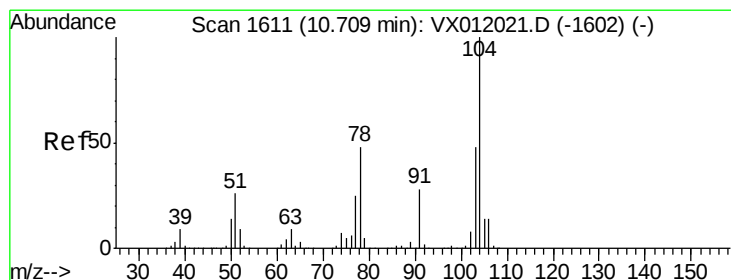
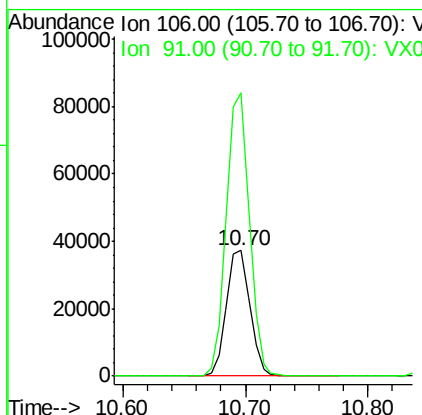
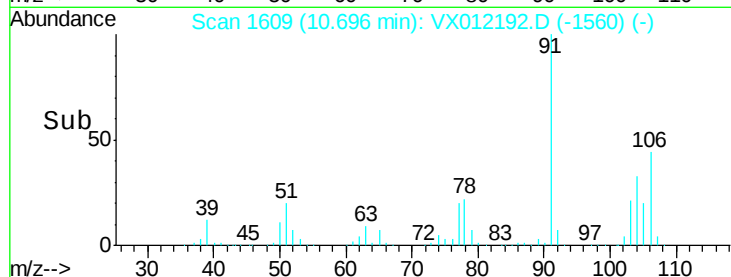
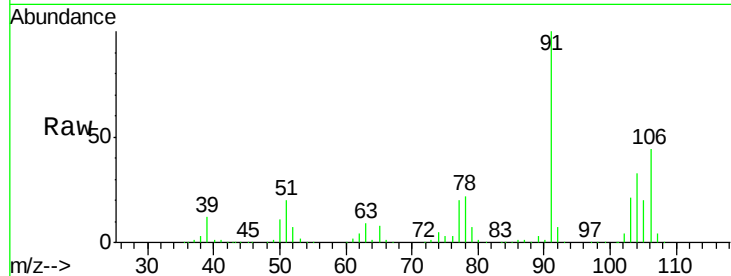
#69
o-Xylene
Concen: 19.125 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleID :
VX0907SBS02

Tot Ion:106 Resp: 49905
Ion Ratio Lower Upper
106 100
91 220.6 103.5 310.3

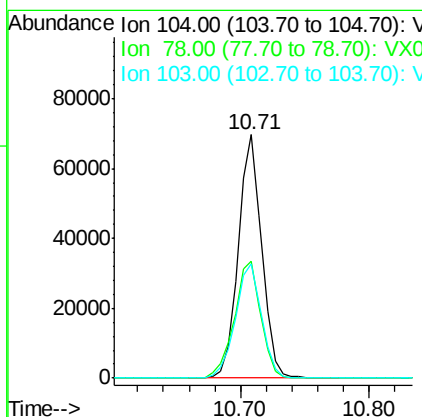
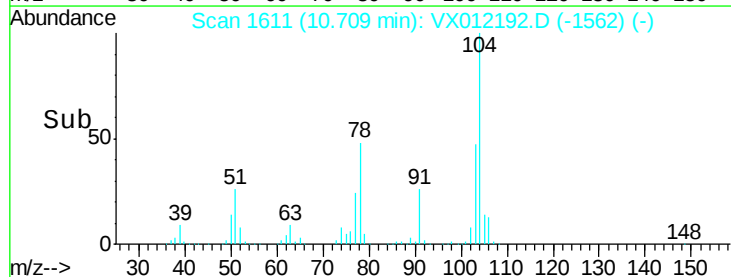
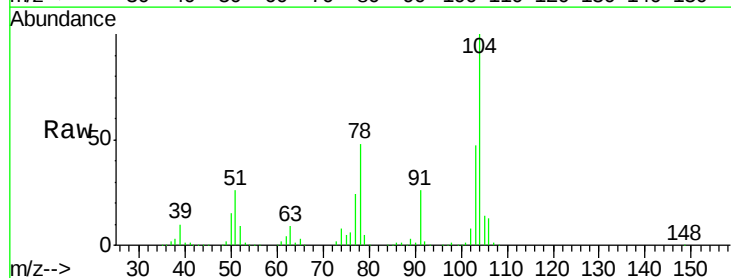
Manual Integrations
APPROVED

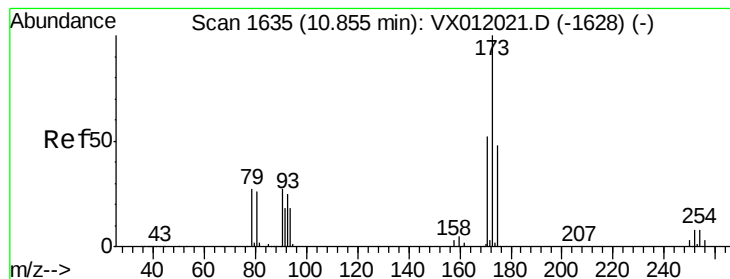
MMDadoda
9/9/2019 9:19:14 AM



#70
Styrene
Concen: 19.345 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion:104 Resp: 87680
Ion Ratio Lower Upper
104 100
78 55.0 39.1 58.7
103 52.8 43.4 65.2





#71

Bromoform

Concen: 19.081 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS02

Tot Ion:173 Resp: 15355

Ion Ratio Lower Upper

173 100

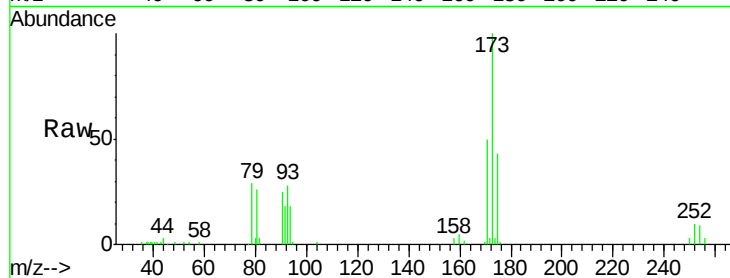
175 45.7 24.9 74.7

254 0.0 0.1 0.1#

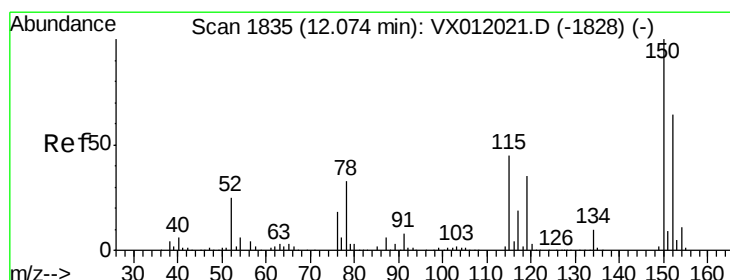
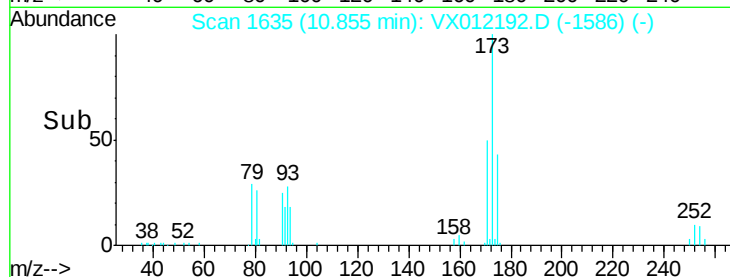
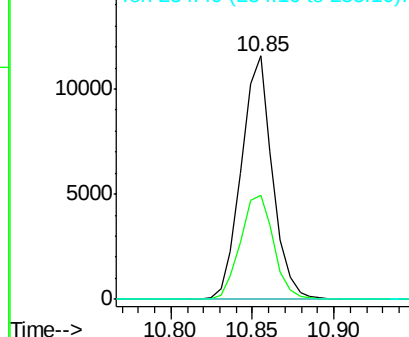
Manual Integrations
APPROVED

MMDadoda

9/9/2019 9:19:14 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: VX012192.D

Acq: 08 Sep 2019 00:14

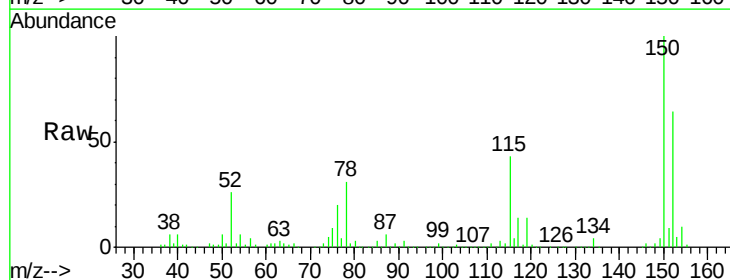
Tgt Ion:152 Resp: 100116

Ion Ratio Lower Upper

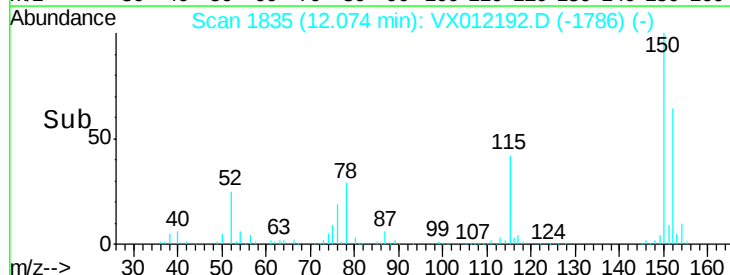
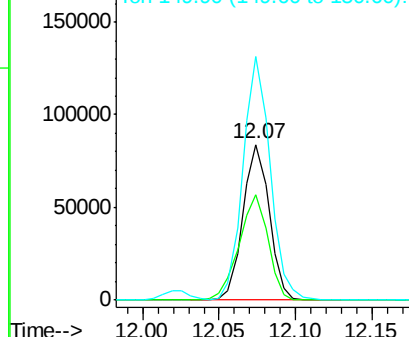
152 100

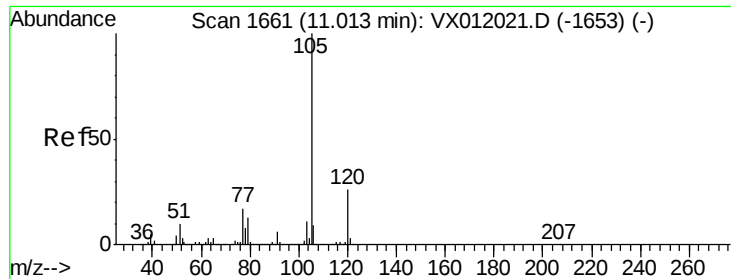
115 74.8 36.4 109.3

150 161.1 0.0 341.2



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





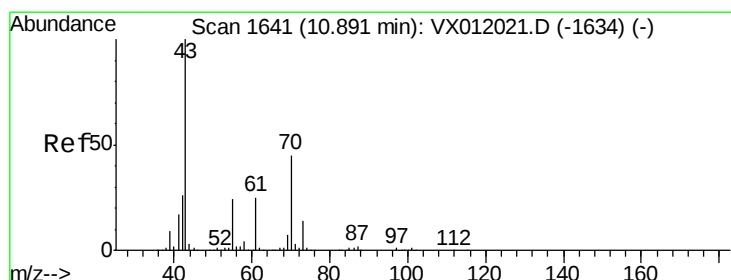
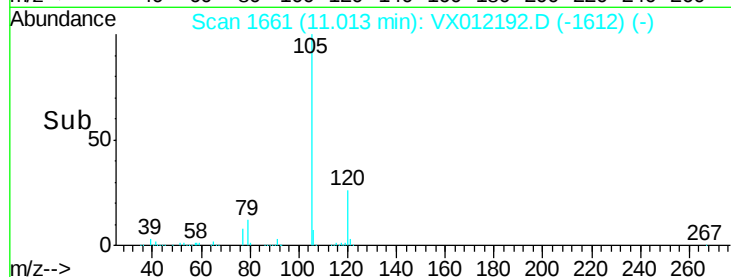
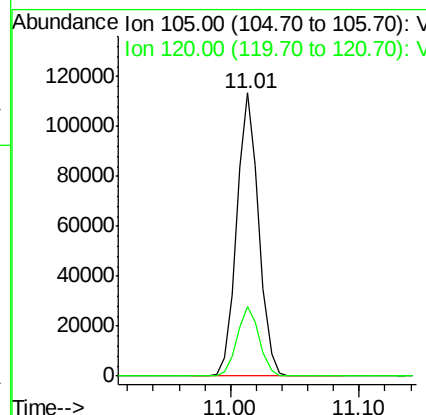
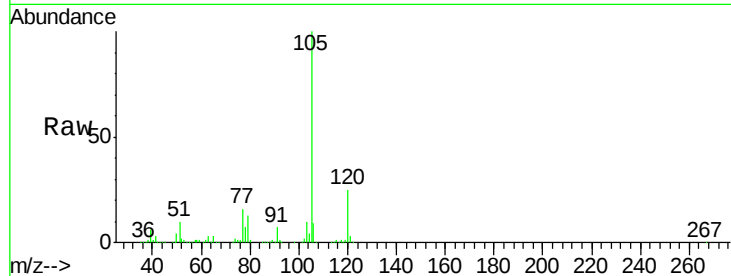
#73
Isopropylbenzene
Concen: 18.378 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.7	13.9	41.6

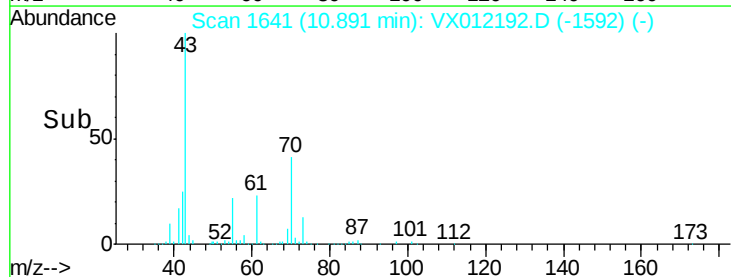
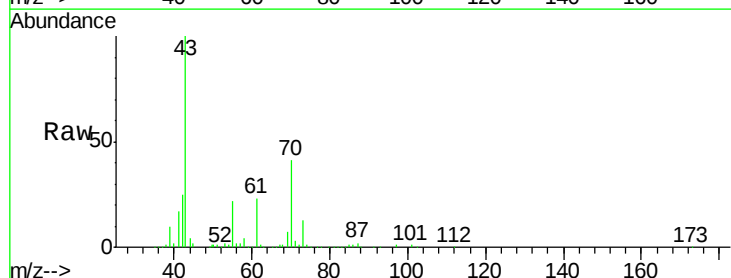
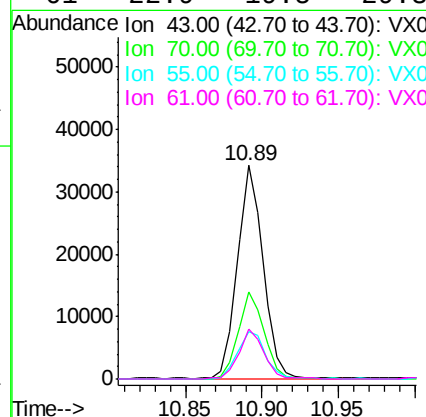
Manual Integrations
APPROVED

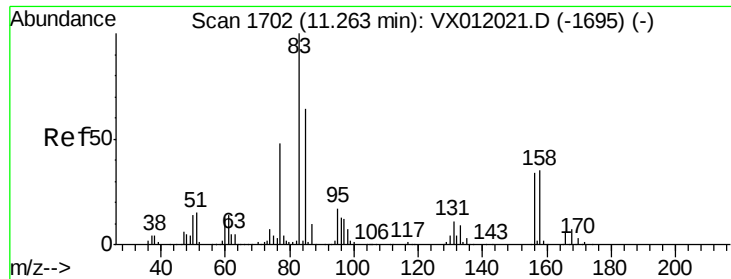
MMDadoda
9/9/2019 9:19:14 AM



#74
N-ethyl acetate
Concen: 18.327 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.5	34.4	51.6
55	25.1	18.5	27.7
61	22.9	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.888 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

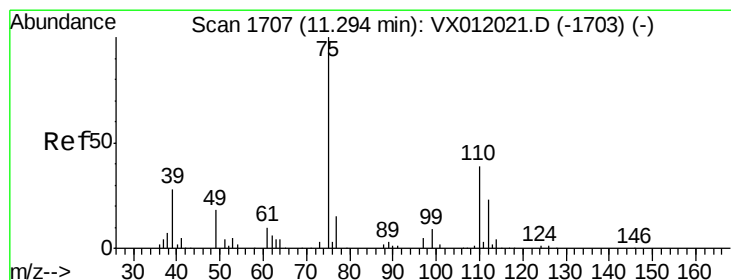
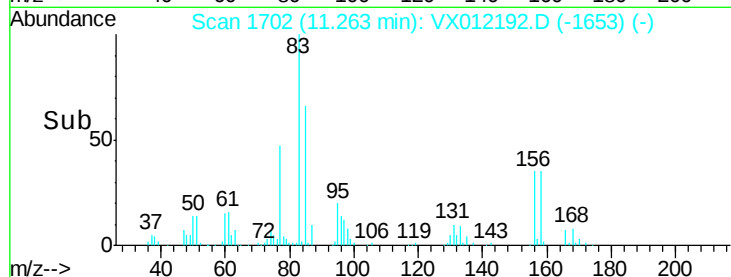
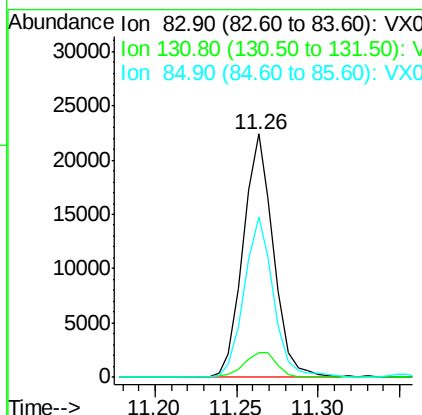
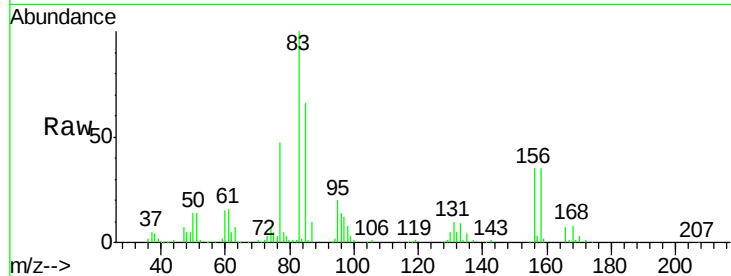
ClientSampleId :

VX0907SBS02

Tot Ion:	83	Resp:	28924
Ion Ratio	Lower	Upper	
83	100		
131	11.2	6.3	19.1
85	64.7	32.5	97.4

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#76

1,2,3-Trichloropropane

Concen: 21.509 ug/l m

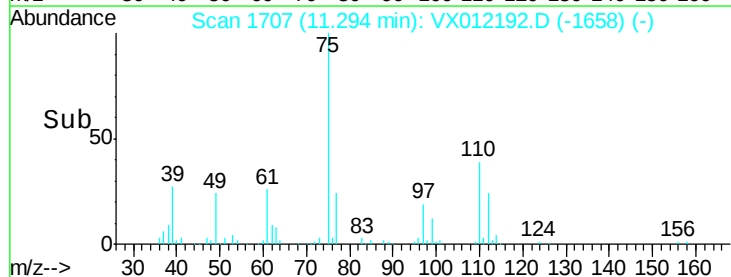
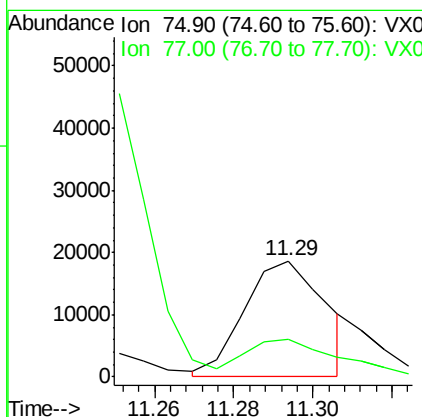
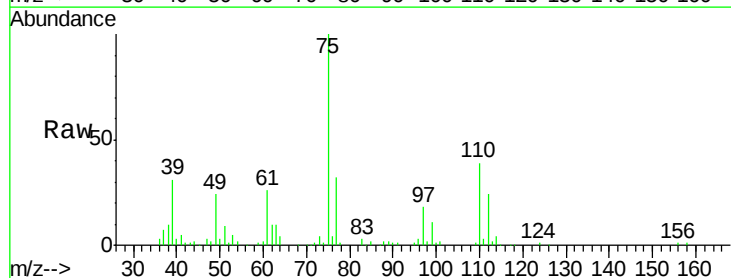
RT: 11.29 min Scan# 1707

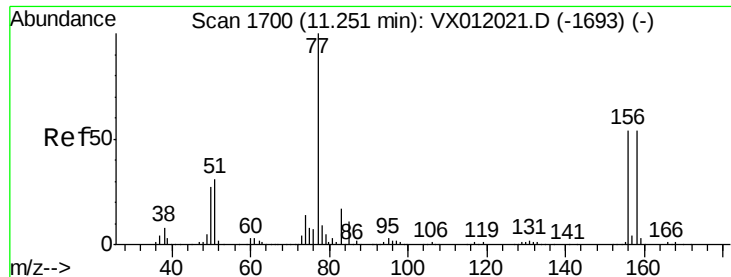
Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tgt Ion:	75	Resp:	26311
Ion Ratio	Lower	Upper	
75	100		
77	37.8	23.5	70.5





#77

Bromobenzene

Concen: 19.600 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

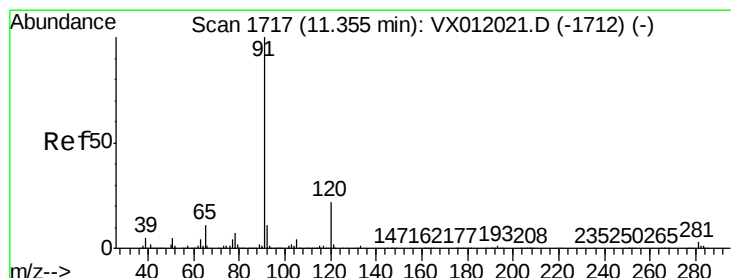
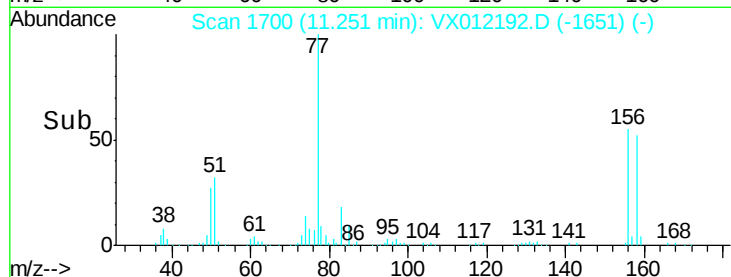
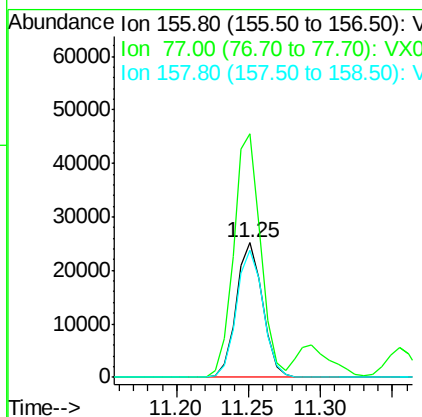
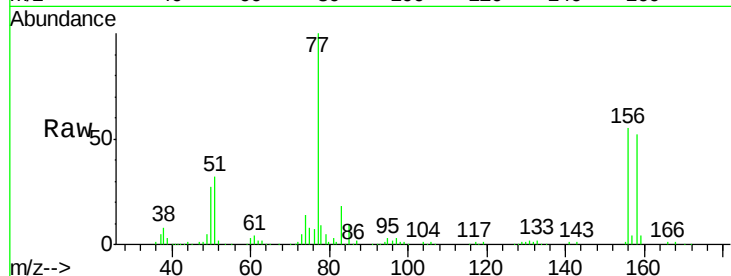
ClientSampleId :

VX0907SBS02

Tot Ion:	156	Resp:	32200
Ion	Ratio	Lower	Upper
156	100		
77	184.8	63.4	190.2
158	95.9	48.9	146.6

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#78

n-propylbenzene

Concen: 17.372 ug/l

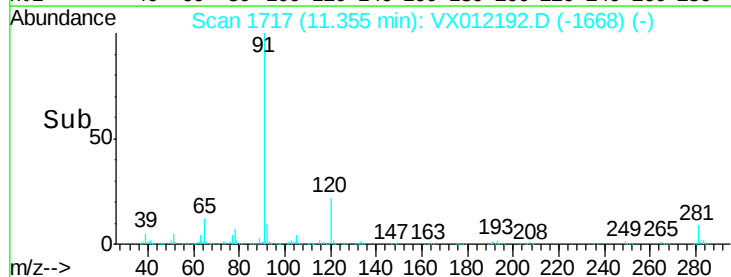
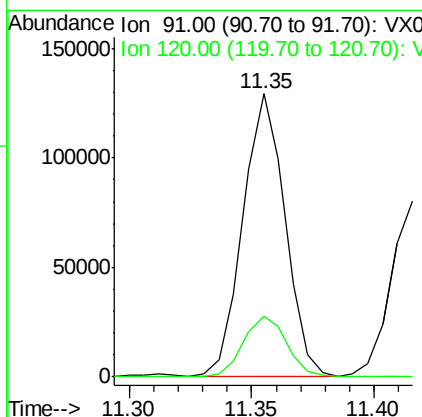
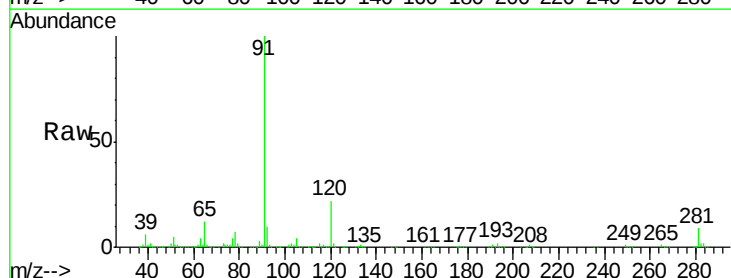
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tgt Ion:	91	Resp:	154163
Ion	Ratio	Lower	Upper
91	100		
120	22.2	12.7	38.0





#79

2-Chlorotoluene

Concen: 18.470 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS02

Tot Ion: 91 Resp: 99304

Ion Ratio Lower Upper

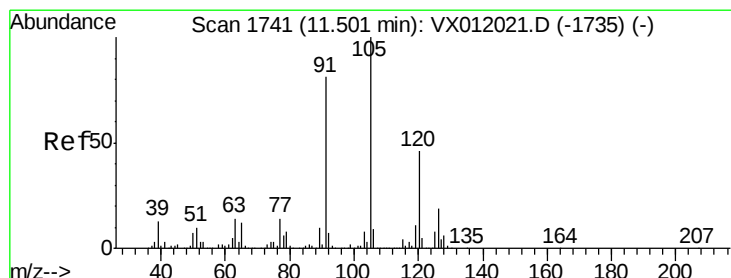
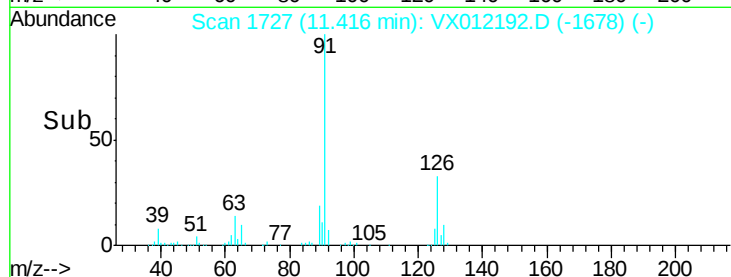
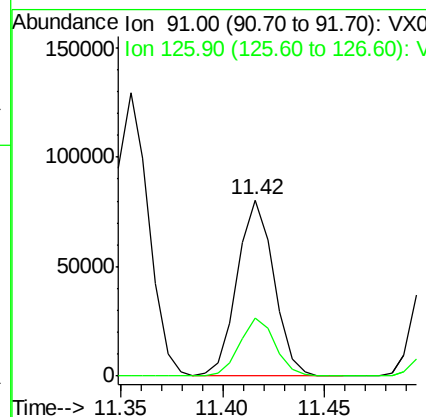
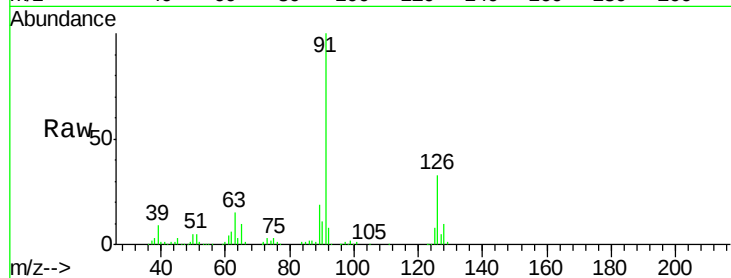
91 100

126 32.1 18.6 55.8

Manual Integrations
APPROVED

MMDadoda

9/9/2019 9:19:14 AM



#80

1,3,5-Trimethylbenzene

Concen: 18.368 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012192.D

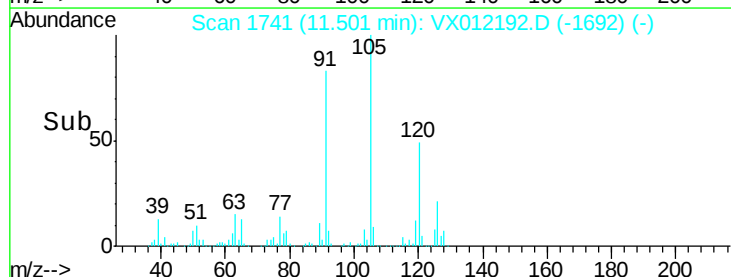
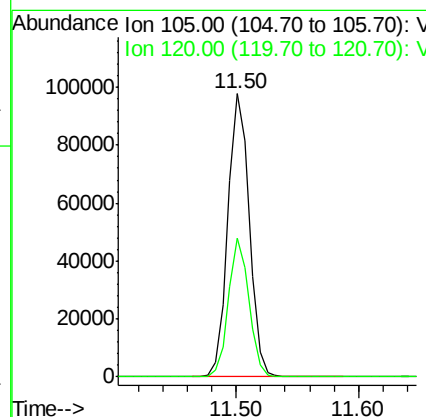
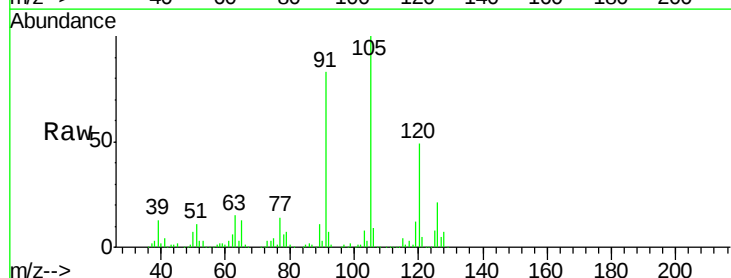
Acq: 08 Sep 2019 00:14

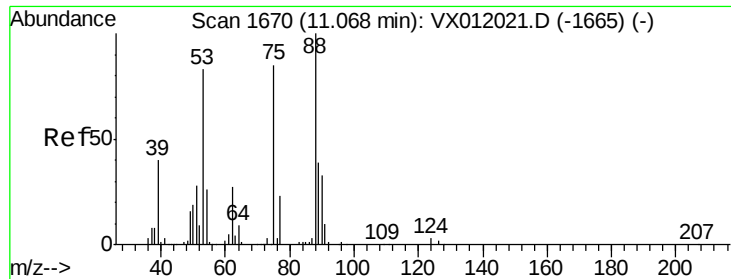
Tgt Ion: 105 Resp: 118242

Ion Ratio Lower Upper

105 100

120 47.0 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 15.193 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Instrument :

MSVOA_X

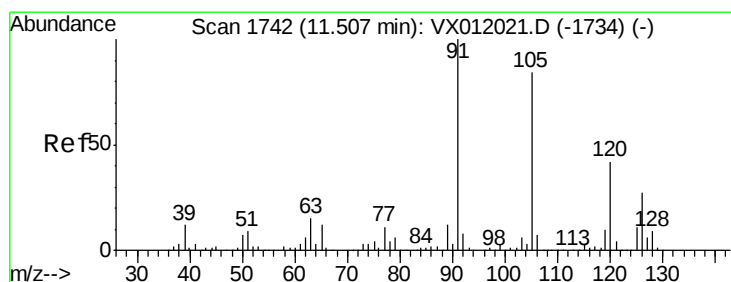
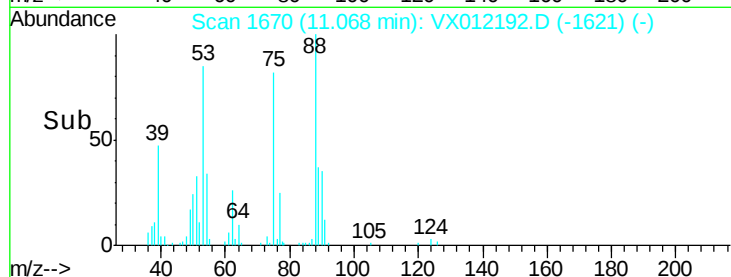
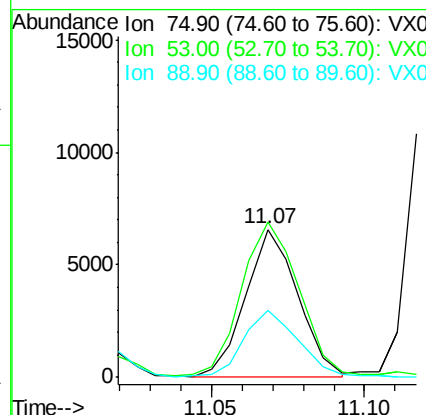
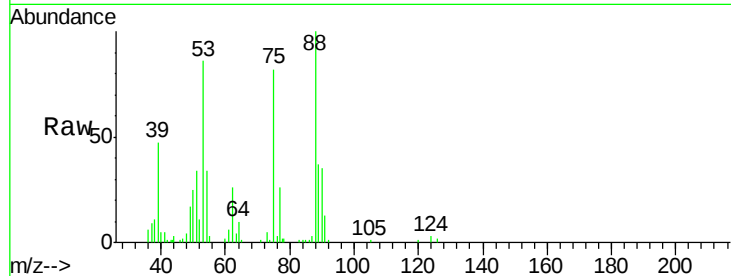
ClientSampleId :

VX0907SBS02

Tot Ion:	75	Resp:	7861
Ion	Ratio	Lower	Upper
75	100		
53	116.1	78.6	117.8
89	47.8	38.8	58.2

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#82

4-Chlorotoluene

Concen: 18.598 ug/l

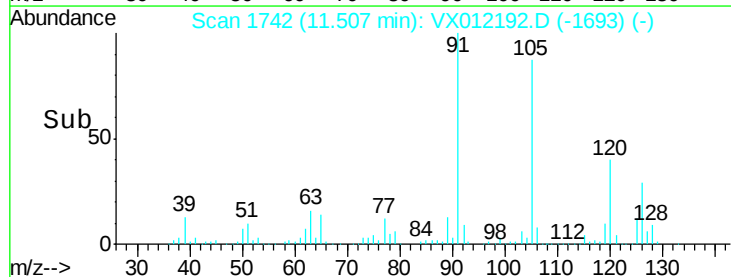
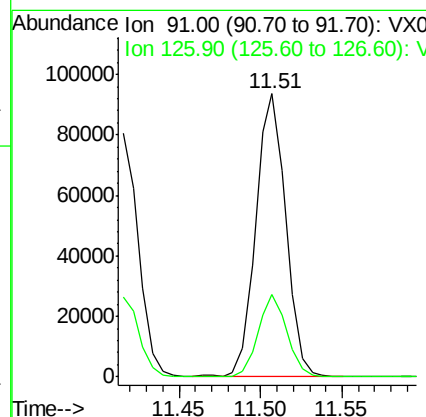
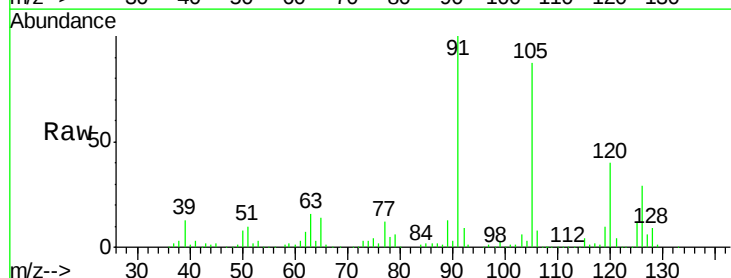
RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012192.D

Acq: 08 Sep 2019 00:14

Tgt Ion:	91	Resp:	119177
Ion	Ratio	Lower	Upper
91	100		
126	28.1	16.2	48.6





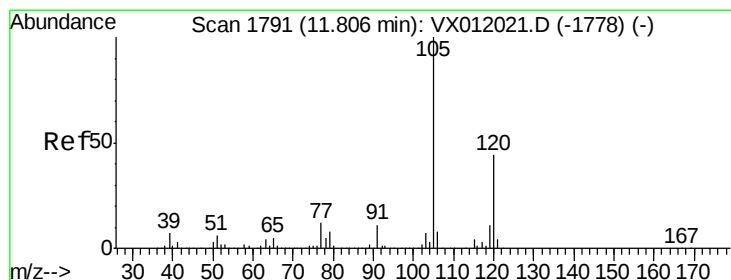
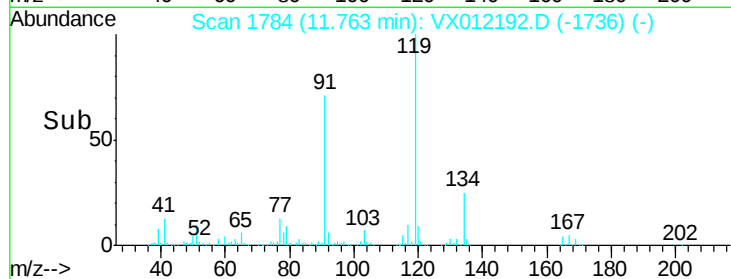
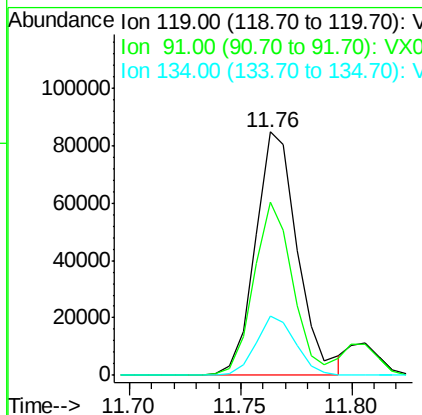
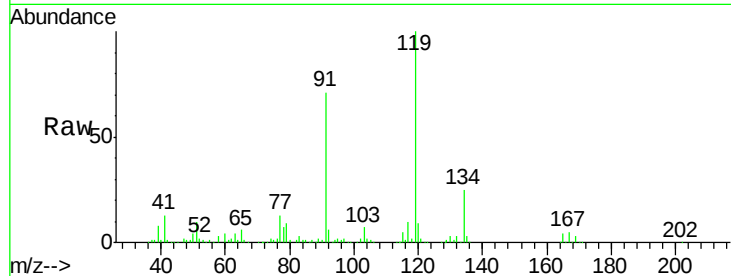
#83
tert-Butylbenzene
Concen: 18.246 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	111952		
91	66.0	27.1	81.2	
134	22.9	12.1	36.3	

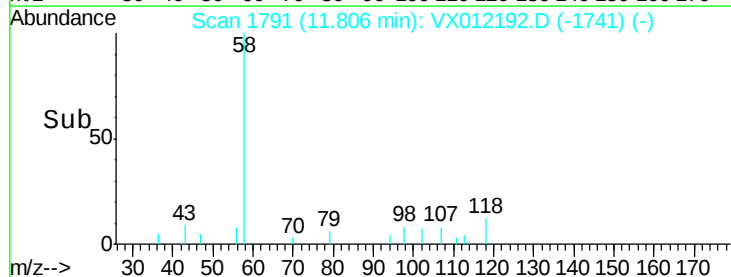
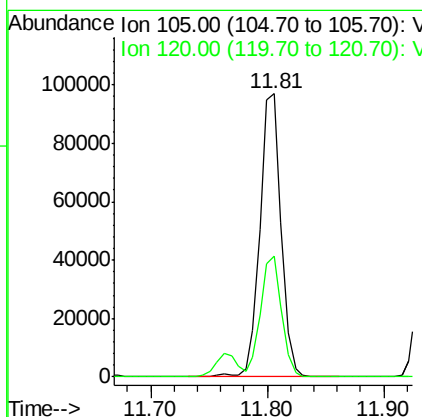
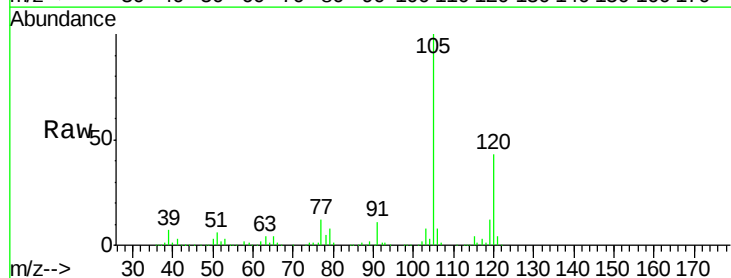
Manual Integrations
APPROVED

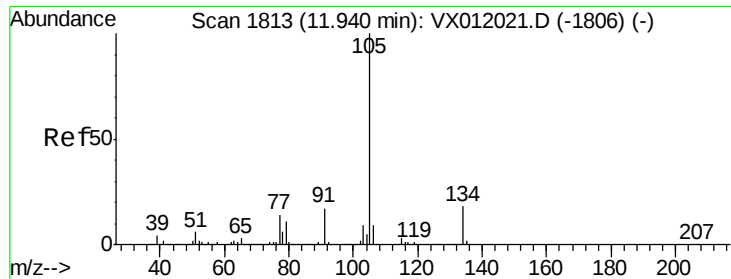
MMDadoda
9/9/2019 9:19:14 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.582 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122942		
120	42.3	23.6	70.8	





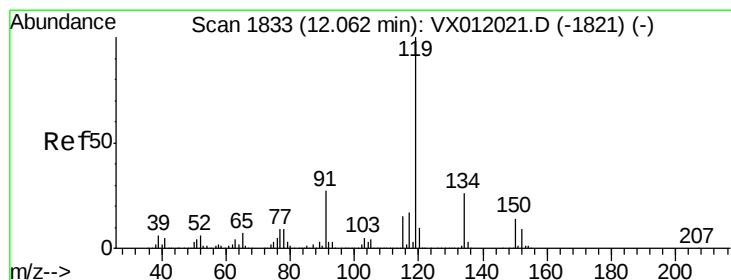
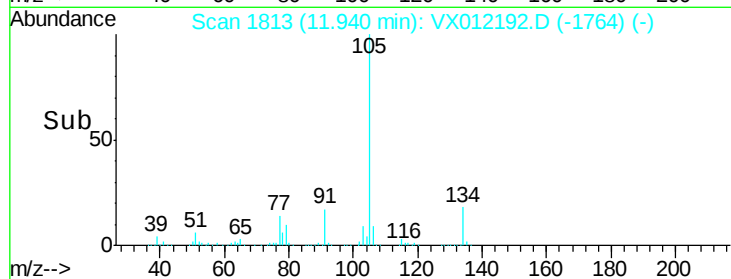
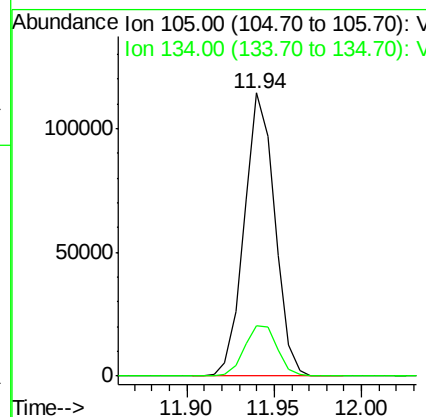
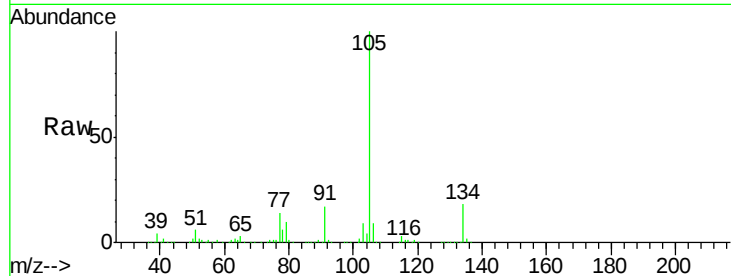
#85
 sec-Butylbenzene
 Concen: 18.127 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	138145		
134	19.2	11.2	33.6	

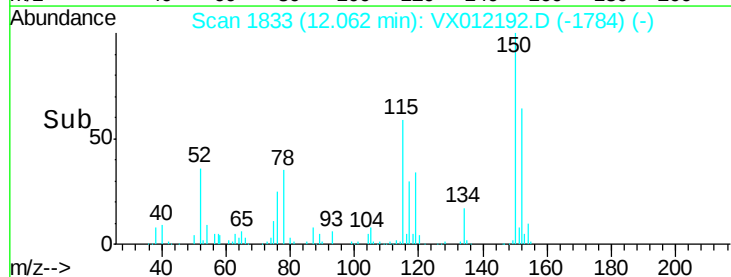
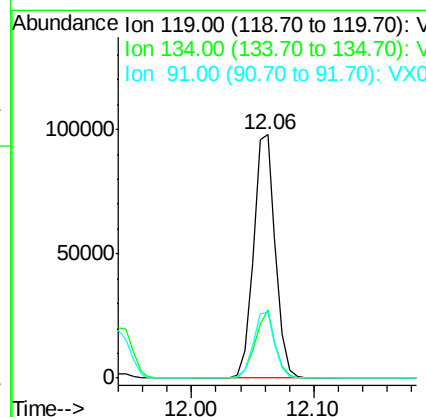
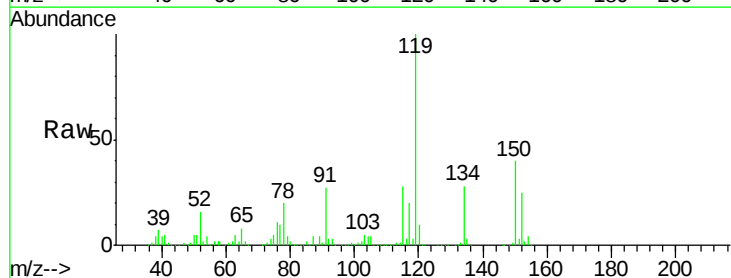
Manual Integrations
 APPROVED

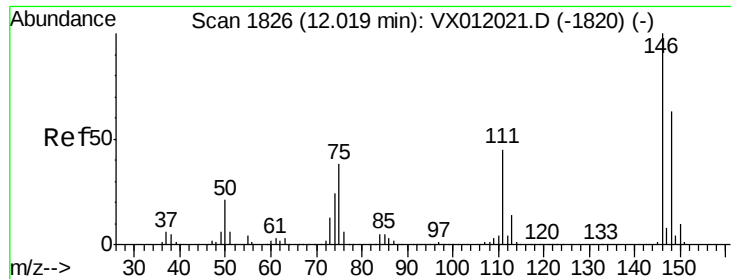
MMDadoda
 9/9/2019 9:19:14 AM



#86
 p-Isopropyltoluene
 Concen: 17.527 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	121471		
134	25.4	13.7	41.1	
91	26.8	11.4	34.1	





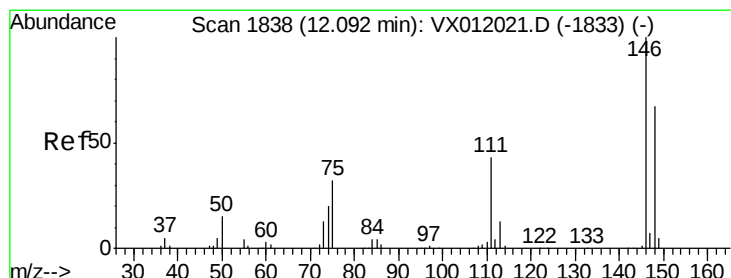
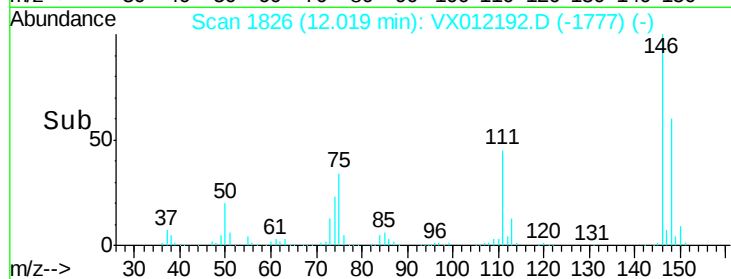
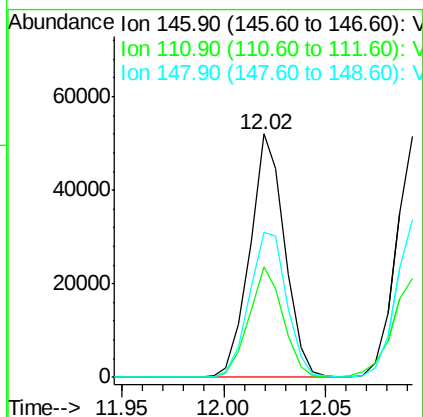
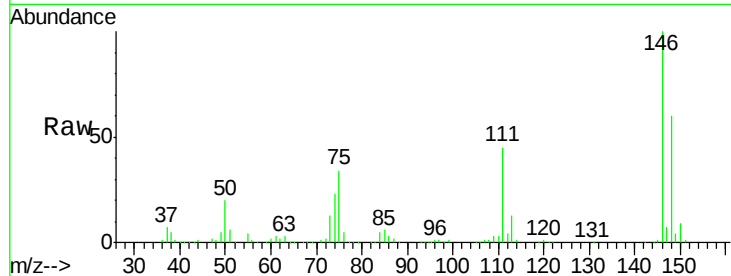
#87
 1,3-Dichlorobenzene
 Concen: 18.822 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	18.1	54.1
148	64.2	32.6	97.8

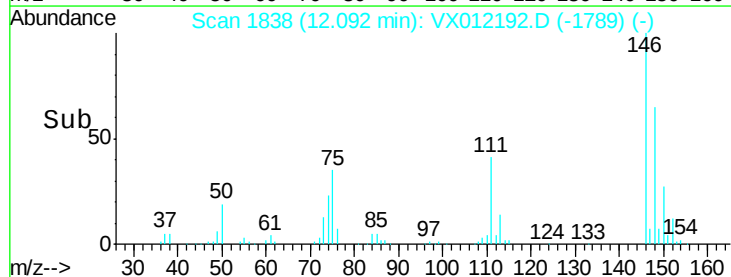
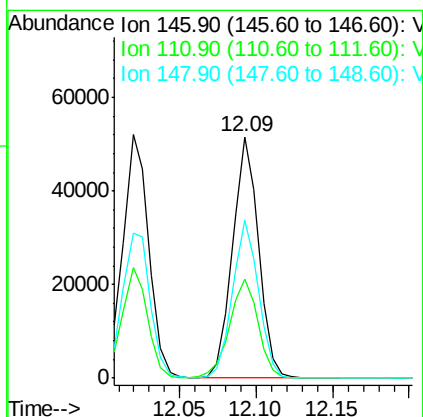
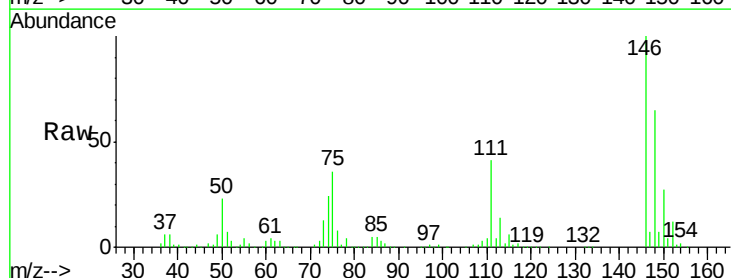
Manual Integrations
 APPROVED

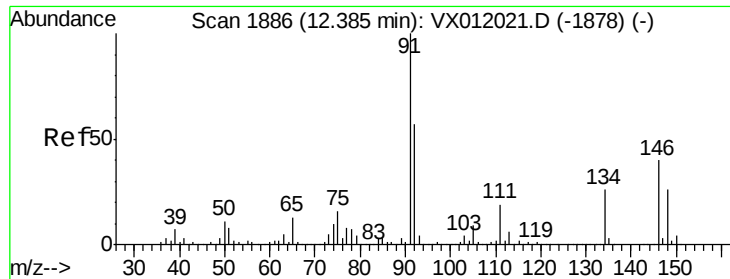
MMDadoda
 9/9/2019 9:19:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.441 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	17.7	53.1
148	65.8	32.4	97.0





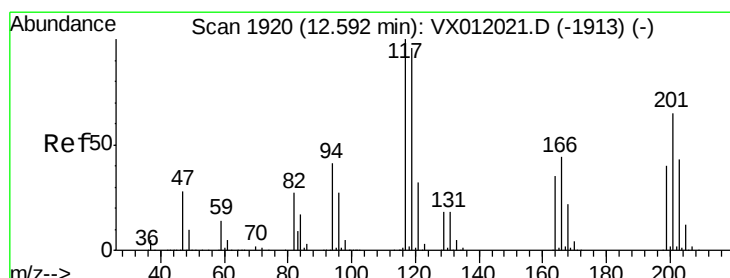
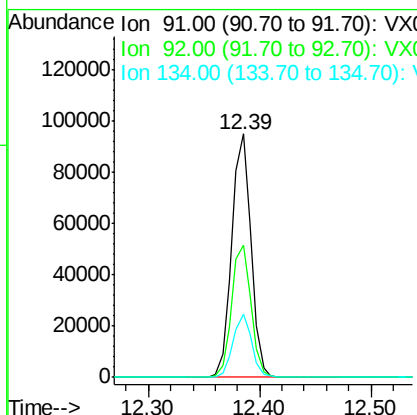
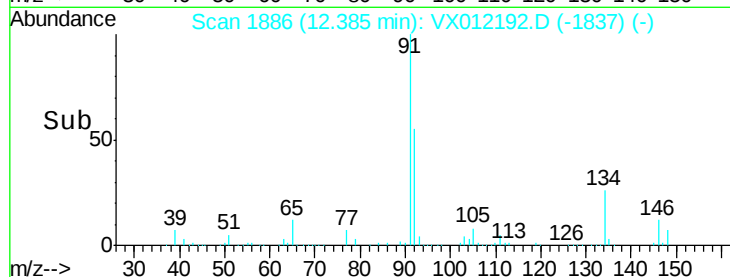
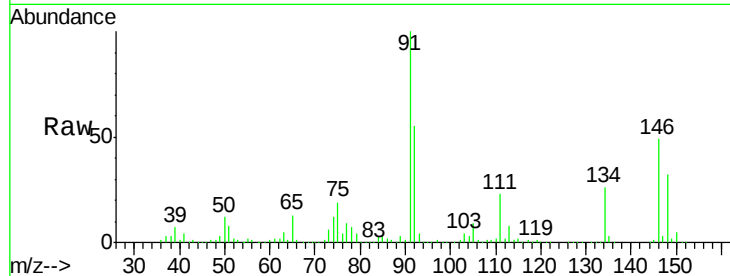
#89
n-Butylbenzene
Concen: 16.835 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.8
134	25.1	15.4	46.1

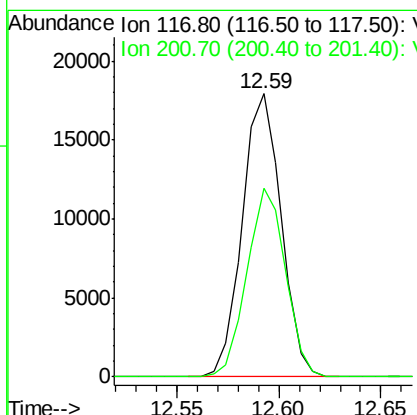
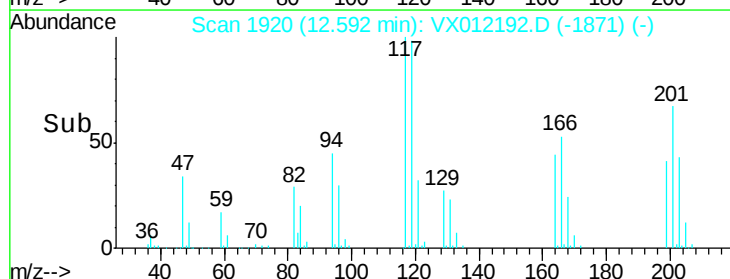
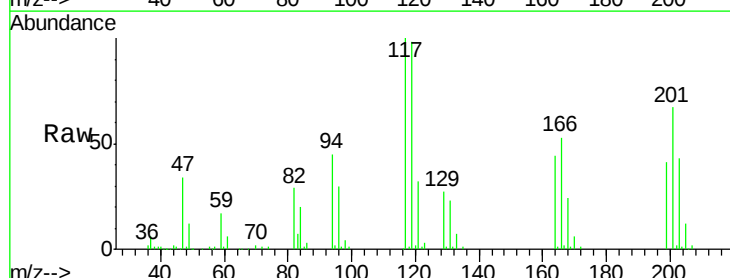
Manual Integrations
APPROVED

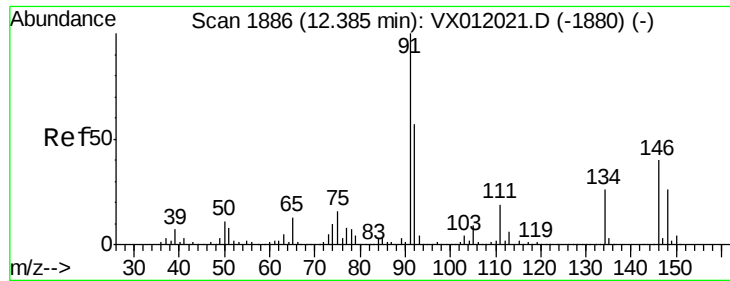
MMDadoda
9/9/2019 9:19:14 AM



#90
Hexachloroethane
Concen: 17.120 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.4	55.0	165.2





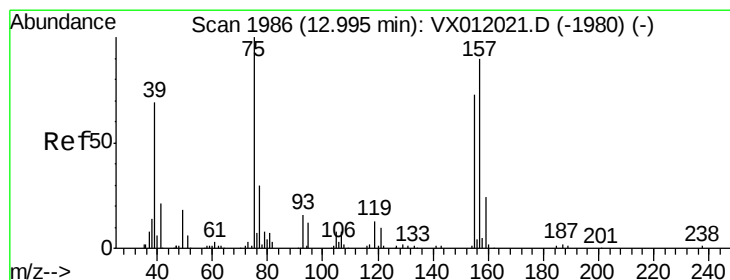
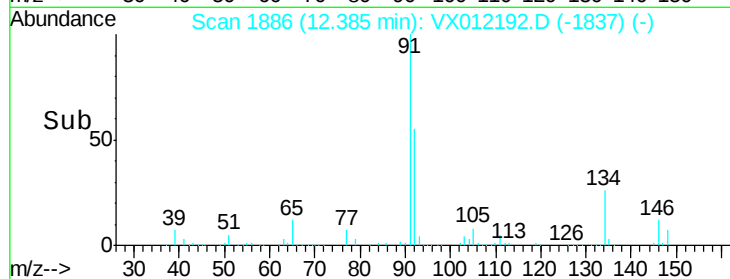
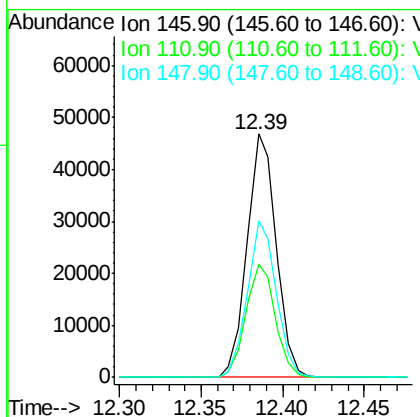
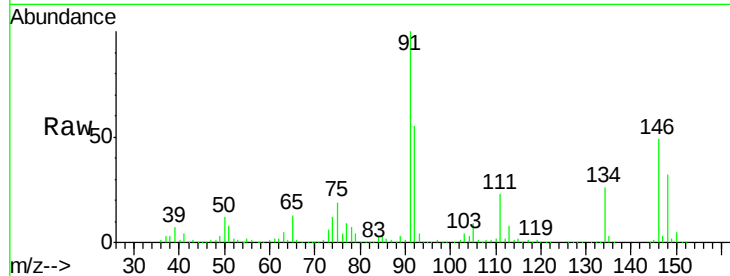
#91
 1,2-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.9	18.6	56.0
148	63.9	32.4	97.2

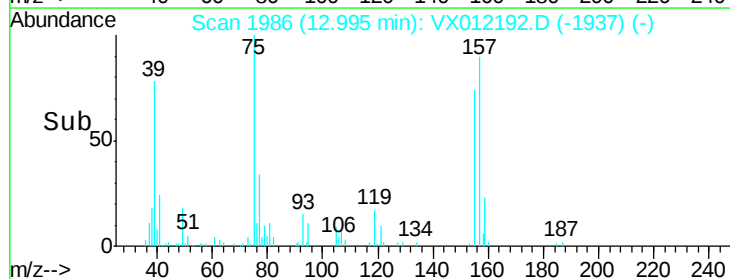
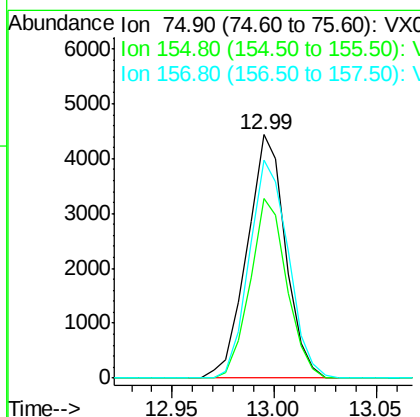
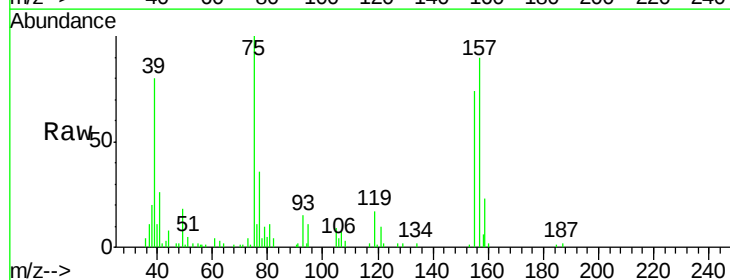
Manual Integrations
 APPROVED

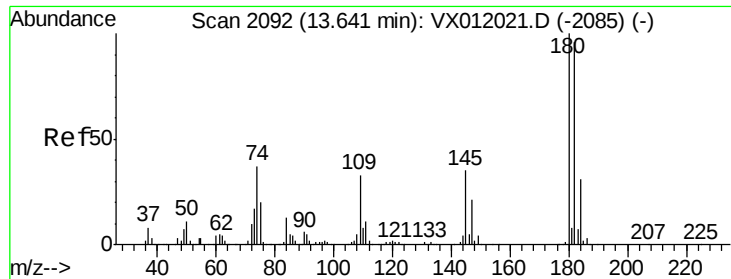
MMDadoda
 9/9/2019 9:19:14 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.127 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	51.7	155.2
157	90.8	66.9	200.7





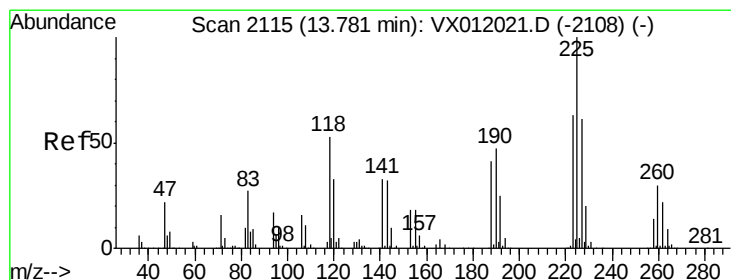
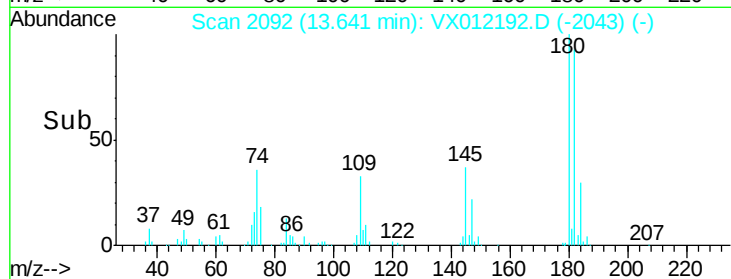
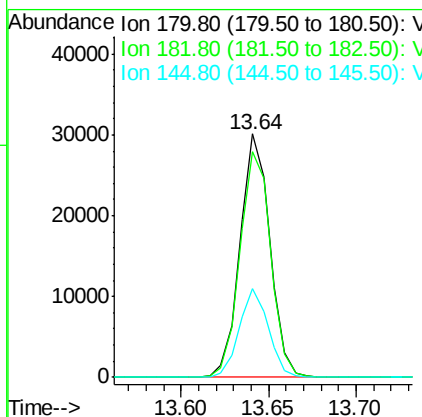
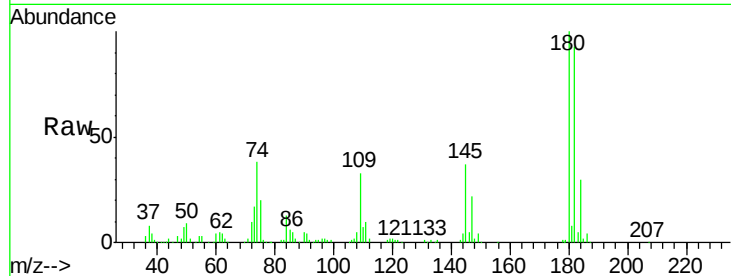
#93
 1,2,4-Trichlorobenzene
 Concen: 16.909 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	35682		
182	95.6	47.3	142.0	
145	35.5	13.7	41.0	

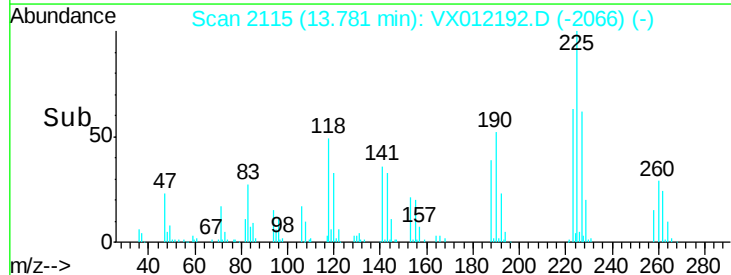
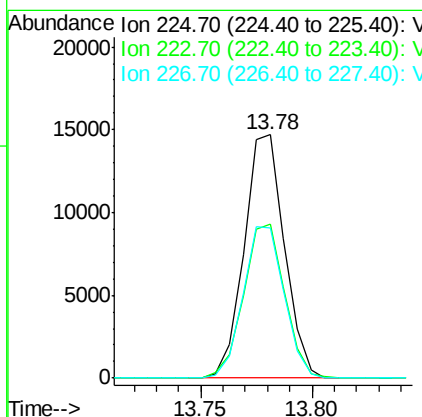
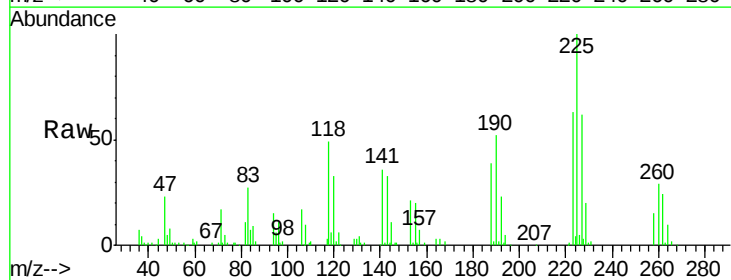
Manual Integrations
 APPROVED

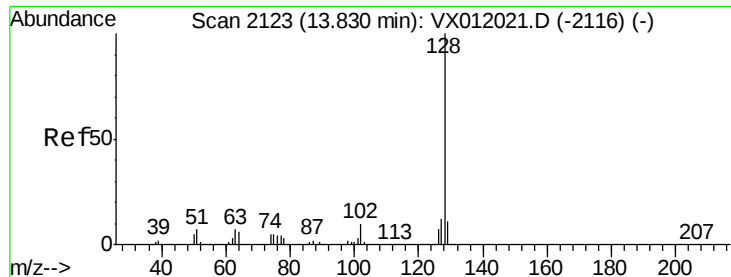
MMDadoda
 9/9/2019 9:19:14 AM



#94
 Hexachlorobutadiene
 Concen: 17.456 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012192.D
 Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	18569		
223	64.3	31.6	95.0	
227	63.4	32.5	97.5	





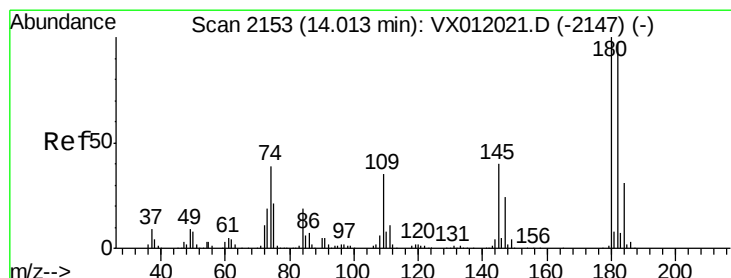
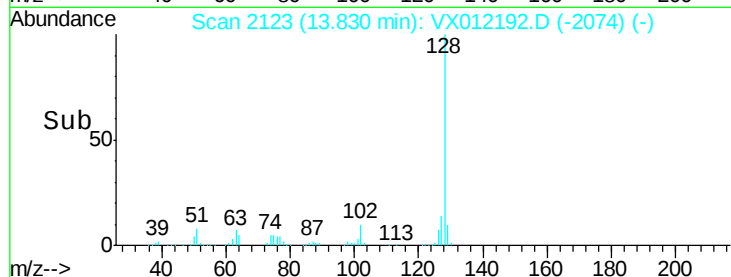
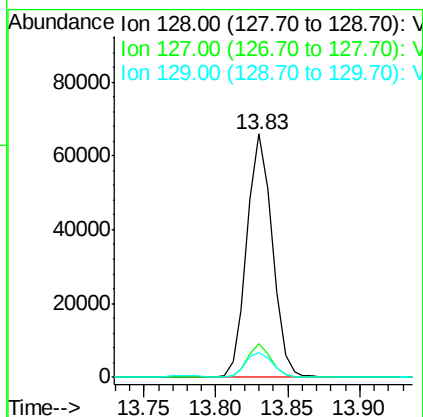
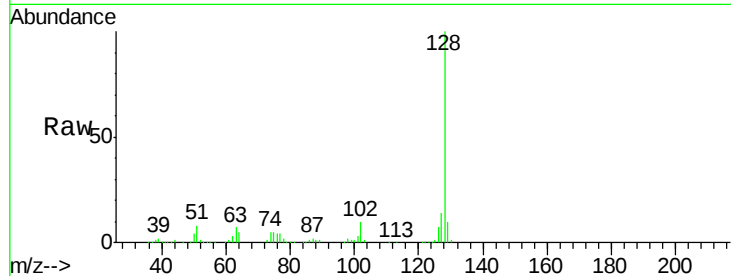
#95
Naphthalene
Concen: 17.606 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.294 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012192.D
Acq: 08 Sep 2019 00:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.6
145	37.7	14.1	42.4

