

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003897.D
 Acq On : 07 Aug 2018 23:38
 Operator : JC/MD
 Sample : VX0807WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:02:32 PM

Quant Time: Aug 08 04:31:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	70121	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	372499	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	346346	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	144197	28.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.37%
60) 4-Bromofluorobenzene	11.14	95	163998	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	8.72	98	463441	29.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	94715	25.57	ug/l	100
3) Chloromethane	1.32	50	96285	19.32	ug/l	97
4) Vinyl Chloride	1.40	62	99356	18.95	ug/l	99
5) Bromomethane	1.64	94	58611	18.70	ug/l	99
6) Chloroethane	1.72	64	64002	18.65	ug/l	98
7) Trichlorofluoromethane	1.93	101	127977	18.15	ug/l	99
8) Diethyl Ether	2.19	74	55223	18.27	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76563	17.91	ug/l	94
10) 1,1-Dichloroethene	2.37	96	71595	17.81	ug/l	94
11) Methyl Iodide	2.51	142	91171	16.36	ug/l	94
12) Methyl Acetate	2.78	43	155092	20.85	ug/l	95
13) Acrolein	2.29	56	75427	130.01	ug/l	97
14) Acrylonitrile	3.15	53	258164	88.08	ug/l	99
15) Acetone	2.45	58	69882	87.86	ug/l	80
16) Carbon Disulfide	2.57	76	195313	17.49	ug/l	100
17) Allyl chloride	2.73	41	136847	16.45	ug/l	93
18) Methylene Chloride	2.86	84	87297	18.33	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	77475	17.83	ug/l	99
20) Diisopropyl ether	3.87	45	246889	16.16	ug/l	98
21) 1,1-Dichloroethane	3.70	63	152528	17.63	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	86098	19.62	ug/l #	70
23) tert-Butyl Alcohol	3.07	59	110438	89.70	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	254179	17.63	ug/l #	90
25) Chloroform	5.21	83	144199	19.25	ug/l	99
26) Cyclohexane	5.57	56	121348	18.67	ug/l #	92
29) 1,1-Dichloropropene	5.80	75	105885	19.25	ug/l	99
30) 2-Butanone	4.71	43	323277	92.03	ug/l	92
31) 2,2-Dichloropropane	4.58	77	77778	14.60	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	119682	19.02	ug/l	99
33) Carbon Tetrachloride	5.78	117	103350	18.90	ug/l	97
34) Benzene	6.15	78	331079	19.59	ug/l	96
35) Methacrylonitrile	5.07	41	66545	18.23	ug/l	90
36) 1,2-Dichloroethane	6.20	62	114186	18.80	ug/l #	94
37) Trichloroethene	7.21	130	85489	19.41	ug/l	96
38) Methylcyclohexane	7.46	83	116992	18.72	ug/l	96
39) 1,2-Dichloropropane	7.52	63	83913	18.79	ug/l	95
40) Dibromomethane	7.67	93	54491	18.85	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003897.D
 Acq On : 07 Aug 2018 23:38
 Operator : JC/MD
 Sample : VX0807WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:02:32 PM

Quant Time: Aug 08 04:31:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	100610	18.22	ug/l	98
42) Vinyl Acetate	3.82	43	989659	73.32	ug/l	96
43) Ethyl Acetate	4.87	43	116576	17.77	ug/l	96
44) Isopropyl Acetate	6.47	43	176899	17.58	ug/l	93
45) 1,4-Dioxane	7.76	88	44184	395.32	ug/l #	83
46) Methyl methacrylate	7.78	41	92503	17.82	ug/l	89
47) n-amyl Acetate	10.90	43	147758	15.55	ug/l #	88
48) t-1,3-Dichloropropene	8.44	75	117382	17.52	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	105594	16.80	ug/l	91
50) 1,1,2-Trichloroethane	9.22	97	85385	18.61	ug/l	98
51) Ethyl methacrylate	9.18	69	116374	16.85	ug/l	81
52) 1,3-Dichloropropane	9.37	76	143921	18.85	ug/l	99
53) Dibromochloromethane	9.59	129	79411	17.62	ug/l	100
54) 1,2-Dibromoethane	9.68	107	87957	18.33	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	321666	90.27	ug/l	98
56) Bromoform	10.86	173	60039	17.17	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	622307	95.16	ug/l	91
59) 2-Hexanone	9.50	43	475661	91.35	ug/l	90
61) Tetrachloroethene	9.34	164	84354	20.93	ug/l	98
62) Toluene	8.79	91	357178	19.87	ug/l	100
64) Chlorobenzene	10.14	112	229285	19.74	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	81622	19.86	ug/l	98
66) Ethyl Benzene	10.26	91	377796	19.10	ug/l	99
67) m/p-Xylenes	10.36	106	302341	39.68	ug/l	96
68) o-Xylene	10.70	106	144167	19.78	ug/l	94
69) Styrene	10.71	104	236321	19.15	ug/l	96
70) Isopropylbenzene	11.02	105	389802	19.42	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	133916	18.69	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	115950m	19.46	ug/l	
73) Bromobenzene	11.26	156	102511	18.95	ug/l	98
74) n-propylbenzene	11.36	91	440659	18.64	ug/l	99
75) 2-Chlorotoluene	11.42	91	267695	19.21	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	315640	18.54	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	31610	15.57	ug/l	96
78) 4-Chlorotoluene	11.51	91	307089	18.84	ug/l	99
79) tert-butylbenzene	12.07	119	310226	17.71	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	324896	18.64	ug/l	96
81) sec-Butylbenzene	11.95	105	362374	18.27	ug/l	99
82) p-Isopropyltoluene	12.07	119	310226	17.71	ug/l	97
83) 1,3-Dichlorobenzene	12.03	146	173652	17.58	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	174172	17.51	ug/l	99
85) n-Butylbenzene	12.39	91	243520	15.66	ug/l	99
86) Hexachloroethane	12.60	117	43851	15.53	ug/l	94
87) 1,2-Dichlorobenzene	12.40	146	173524	17.50	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	23551	15.57	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	128215	18.42	ug/l	99
90) Hexachlorobutadiene	13.79	225	58695	18.60	ug/l	98
91) Naphthalene	13.83	128	401509	18.87	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	135089	19.05	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003897.D
Acq On : 07 Aug 2018 23:38
Operator : JC/MD
Sample : VX0807WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

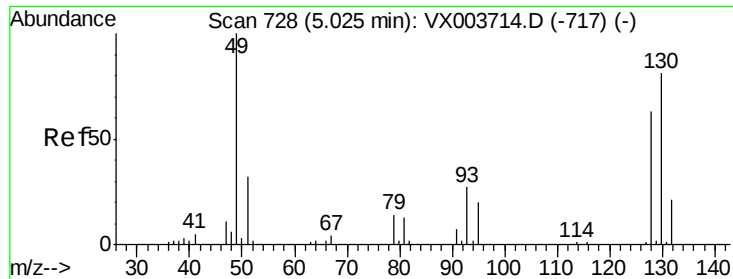
Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM

Quant Time: Aug 08 04:31:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

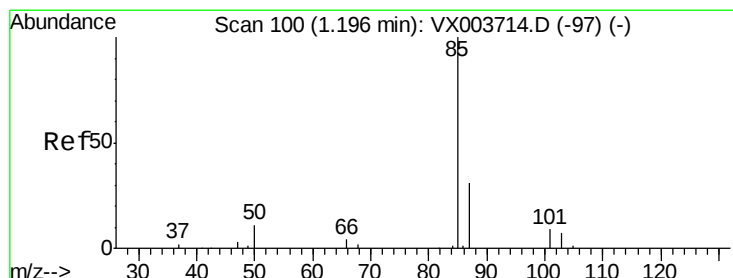
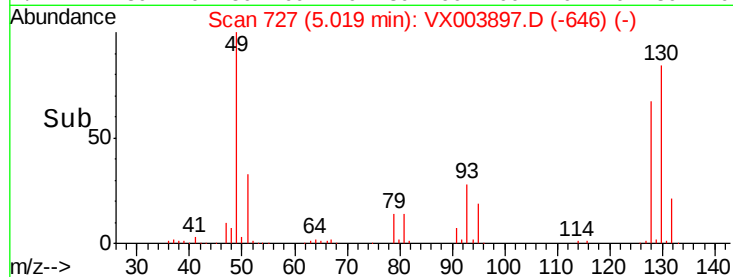
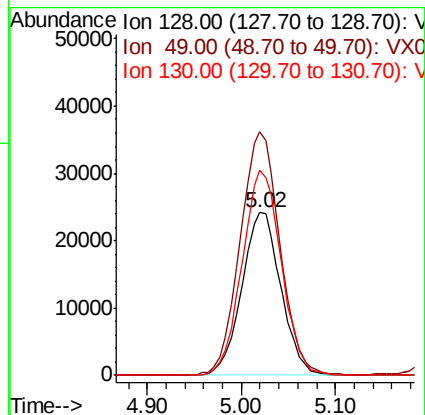
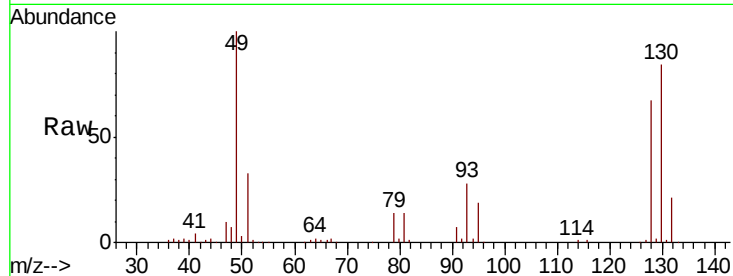
ClientSampleId :

VX0807WBS02

Tot Ion:	128	Resp:	70121
Ion	Ratio	Lower	Upper
128	100		
49	152.5	0.0	423.0
130	126.8	0.0	324.3

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



#2

Dichlorodifluoromethane

Concen: 25.57 ug/l

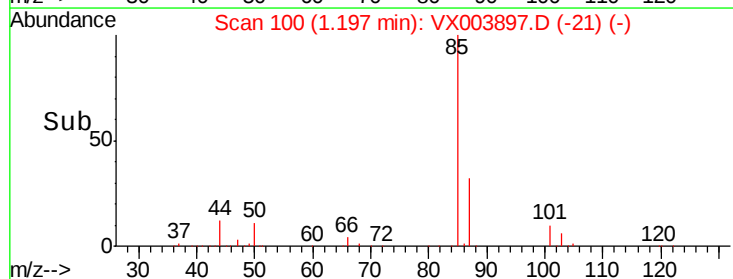
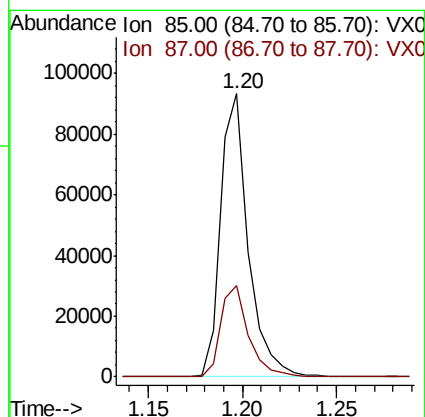
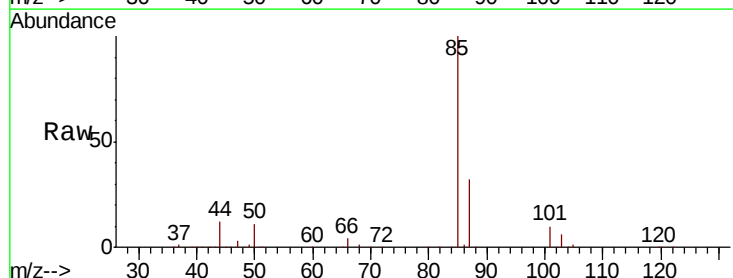
RT: 1.20 min Scan# 100

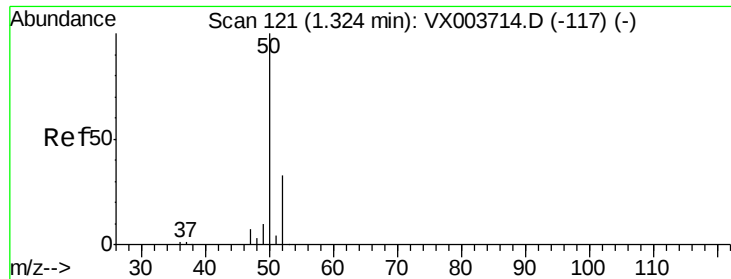
Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Tgt Ion:	85	Resp:	94715
Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.5





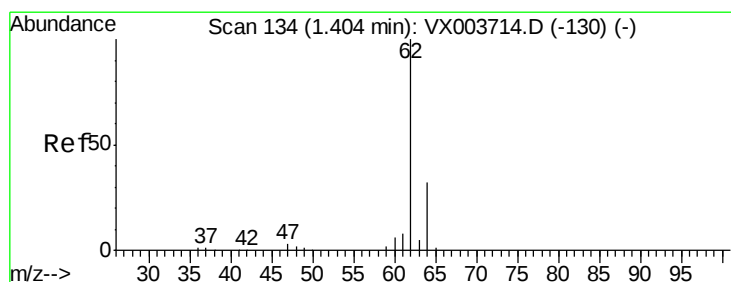
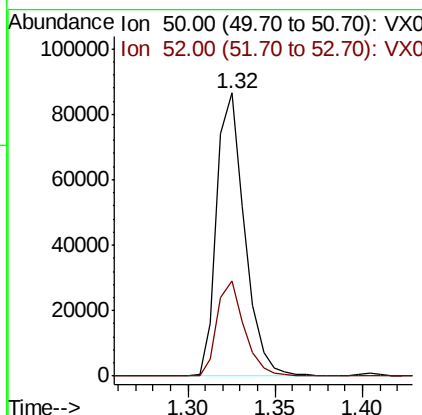
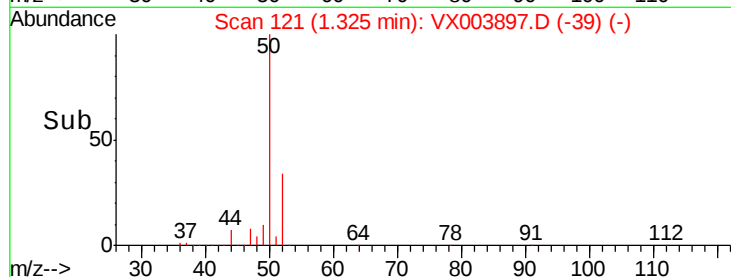
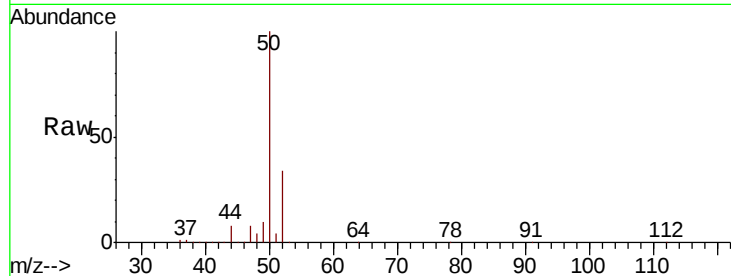
#3
Chloromethane
Concen: 19.32 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion: 50 Resp: 96285
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4

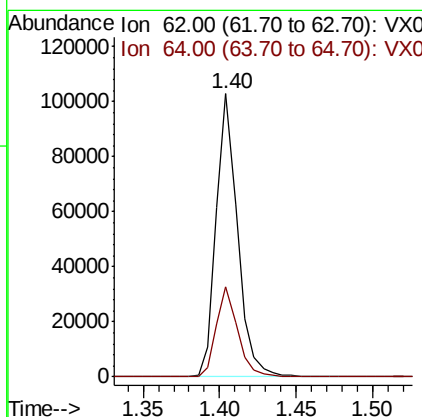
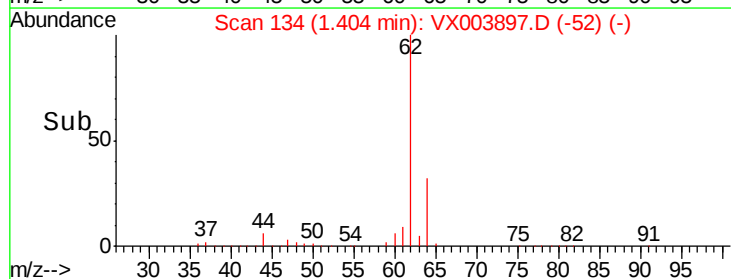
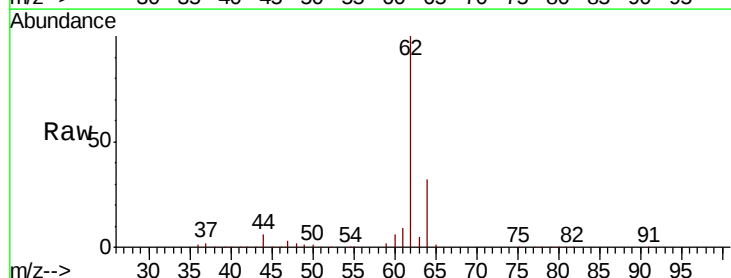
Manual Integrations
APPROVED

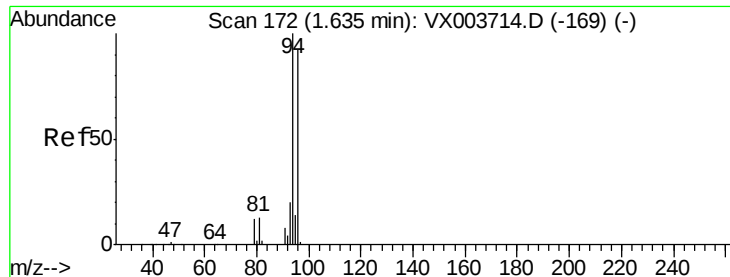
MMDadoda
8/8/2018 12:02:32 PM



#4
Vinyl Chloride
Concen: 18.95 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 62 Resp: 99356
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 18.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

Tot Ion: 94 Resp: 58611

Ion Ratio Lower Upper

94 100

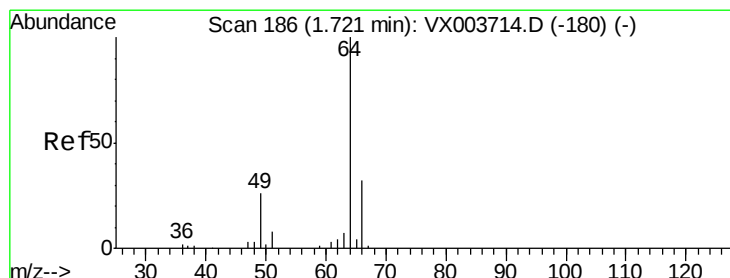
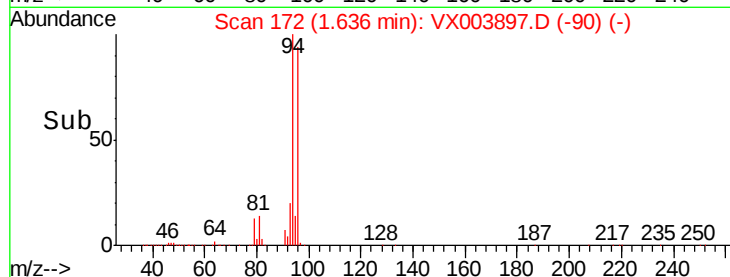
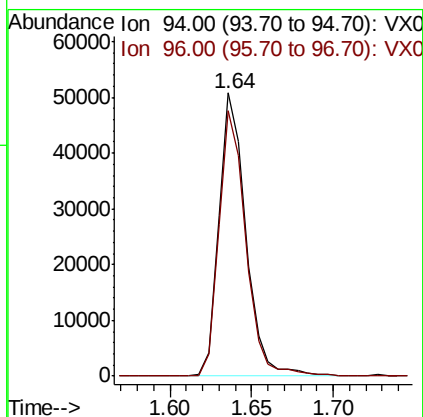
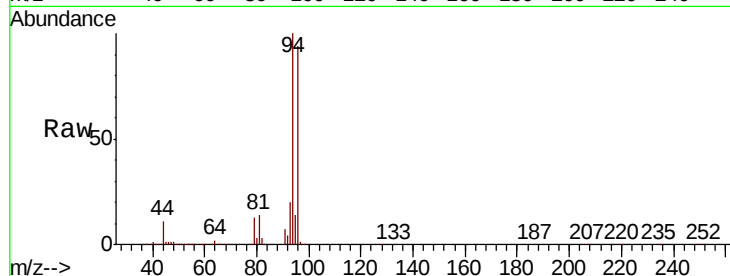
96 93.8 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

8/8/2018 12:02:32 PM



#6

Chloroethane

Concen: 18.65 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003897.D

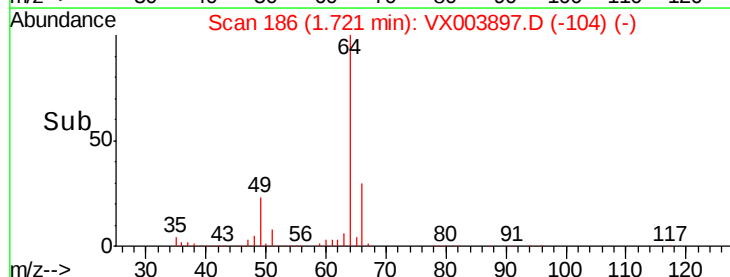
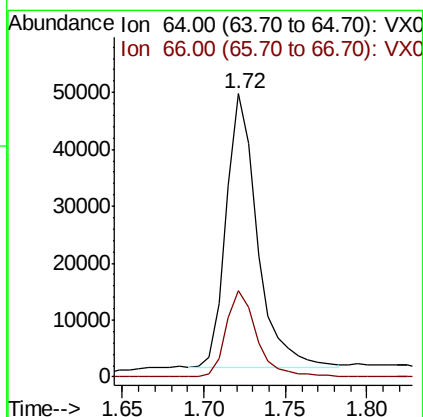
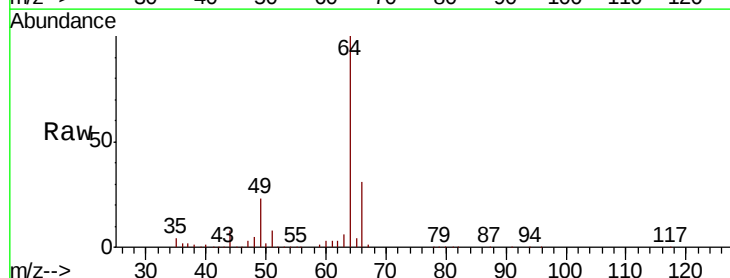
Acq: 07 Aug 2018 23:38

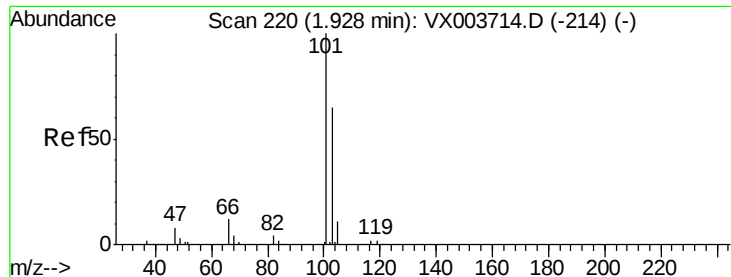
Tgt Ion: 64 Resp: 64002

Ion Ratio Lower Upper

64 100

66 31.5 24.3 36.5





#7

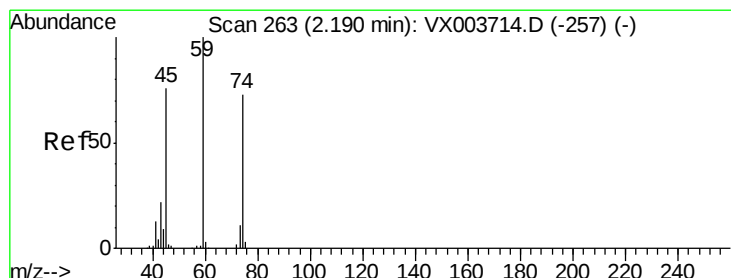
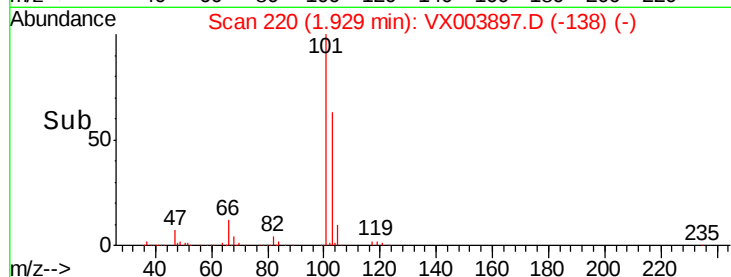
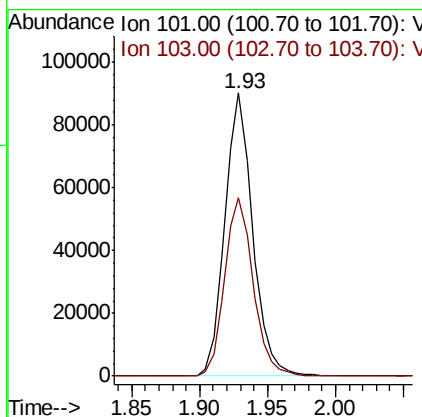
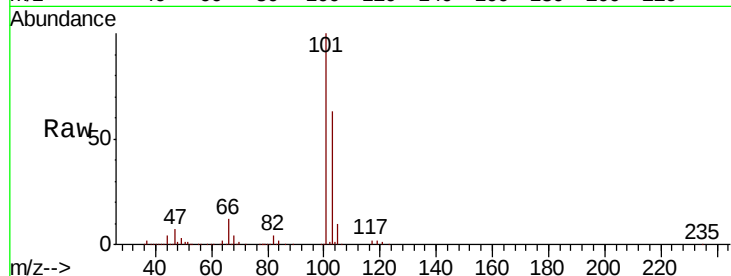
Trichlorofluoromethane
 Concen: 18.15 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.5	77.3

Manual Integrations
 APPROVED

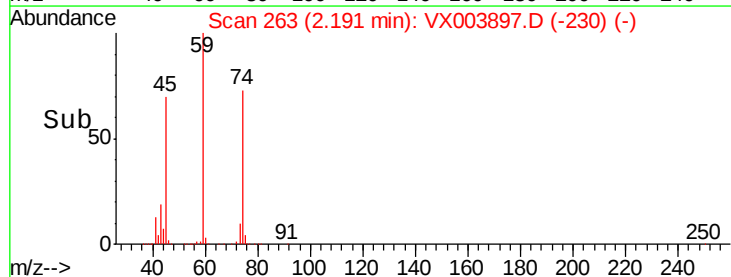
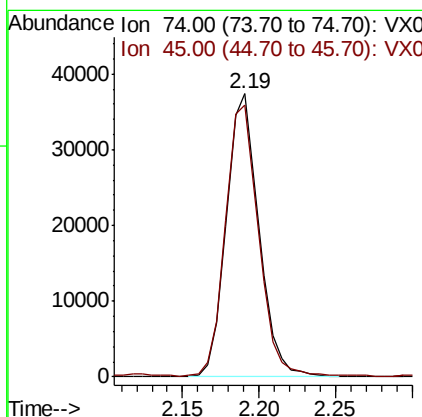
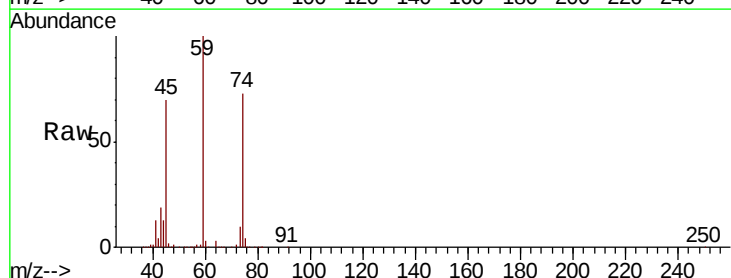
MMDadoda
 8/8/2018 12:02:32 PM

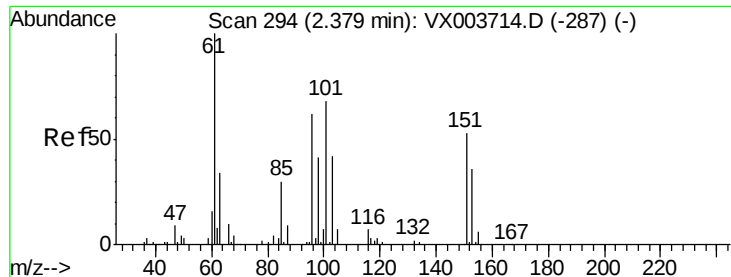


#8

Diethyl Ether
 Concen: 18.27 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.91 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

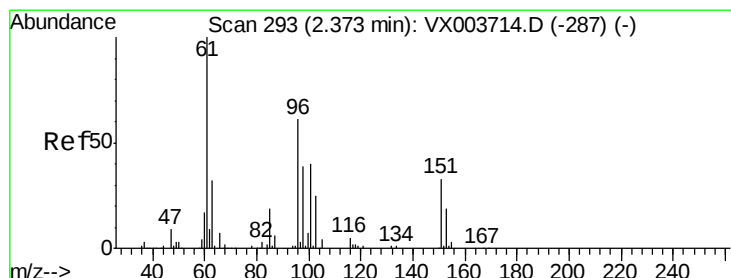
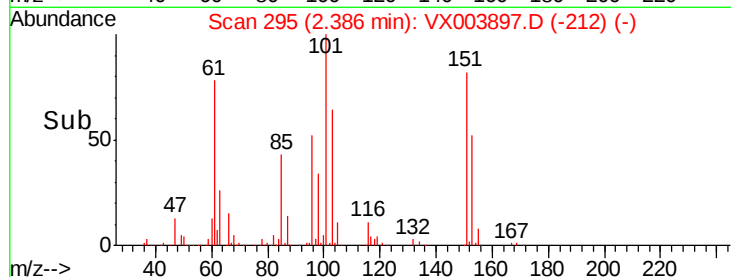
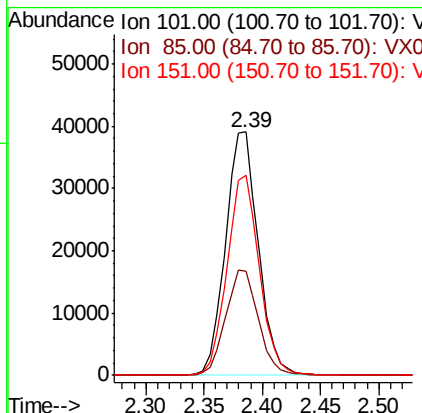
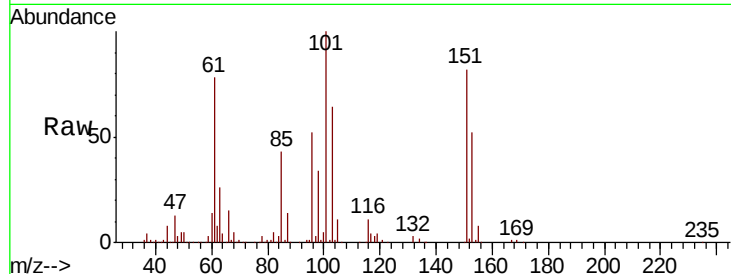
ClientSampled :

VX0807WBS02

Tot Ion:	101	Resp:	76563
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	87.0
151	81.3	0.0	177.6

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



#10

1,1-Dichloroethene

Concen: 17.81 ug/l

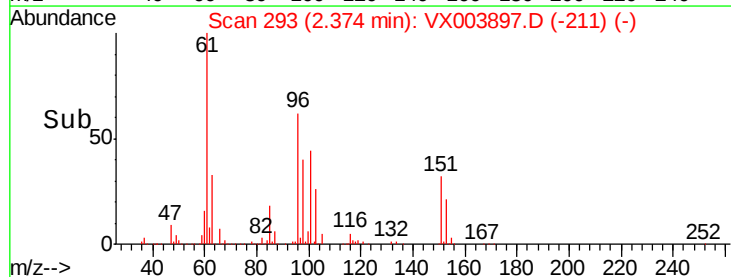
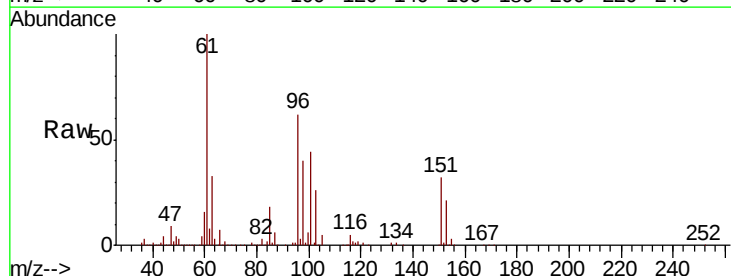
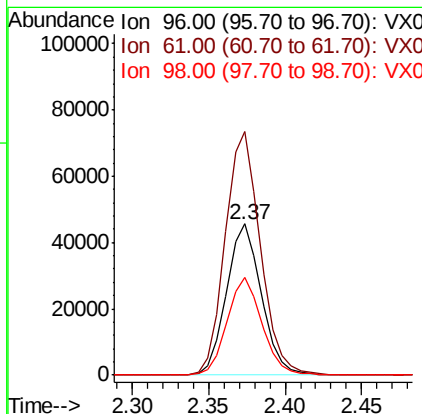
RT: 2.37 min Scan# 293

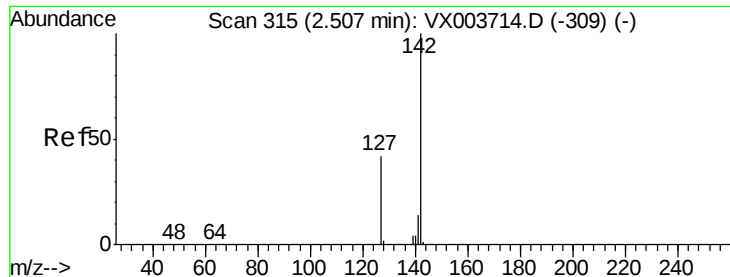
Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Tgt Ion:	96	Resp:	71595
Ion Ratio	Lower	Upper	
96	100		
61	161.7	137.5	206.3
98	64.9	51.4	77.2





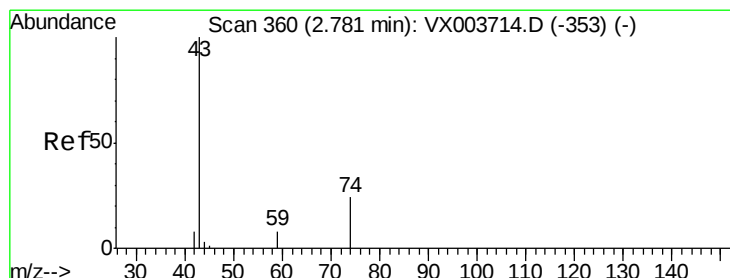
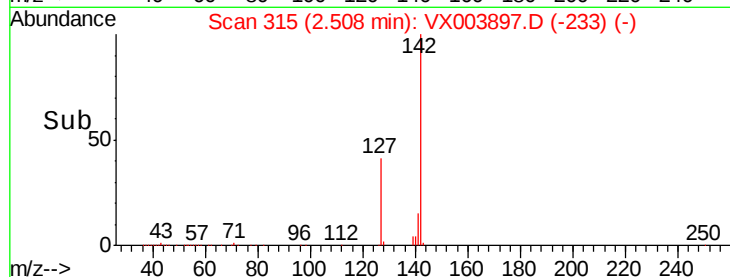
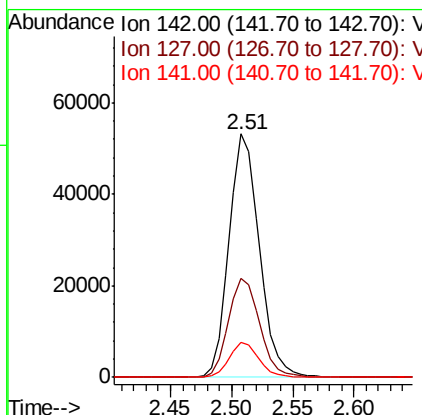
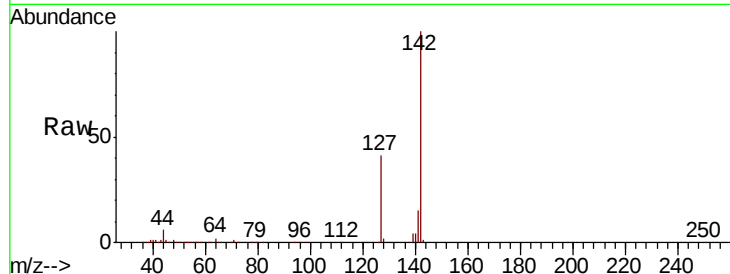
#11
Methyl Iodide
Concen: 16.36 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.8	23.2	69.6
141	14.6	7.4	22.2

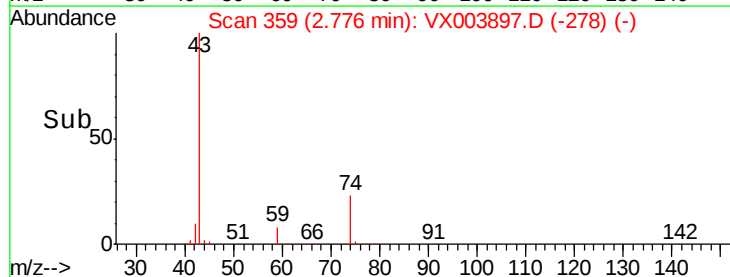
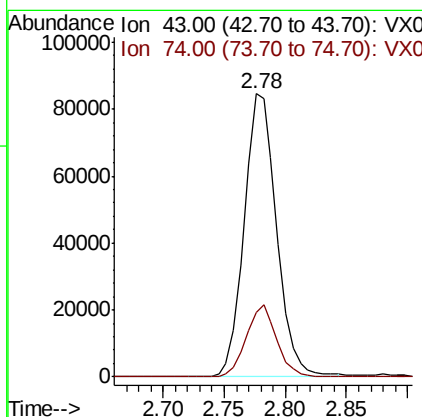
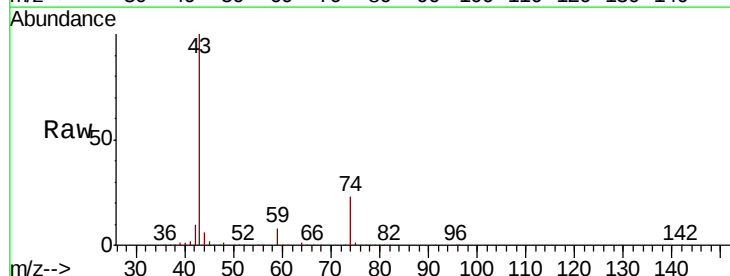
Manual Integrations
APPROVED

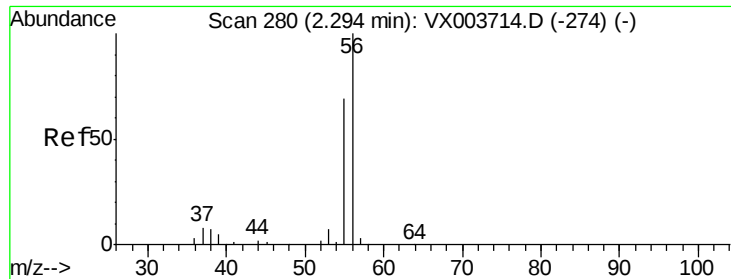
MMDadoda
8/8/2018 12:02:32 PM



#12
Methyl Acetate
Concen: 20.85 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	16.4	24.6





#13

Acrolein

Concen: 130.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

Tot Ion: 56 Resp: 75427

Ion Ratio Lower Upper

56 100

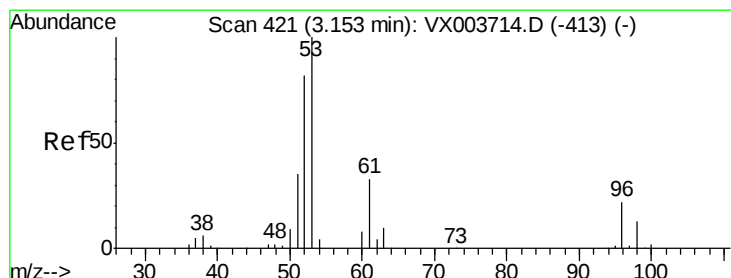
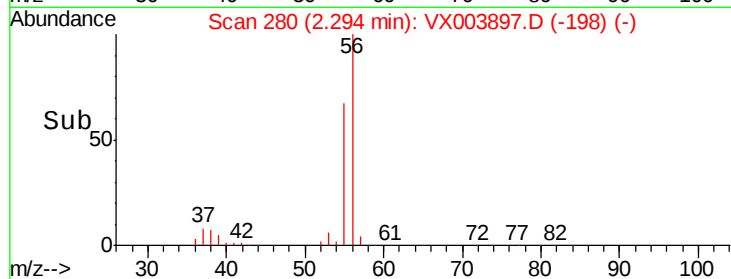
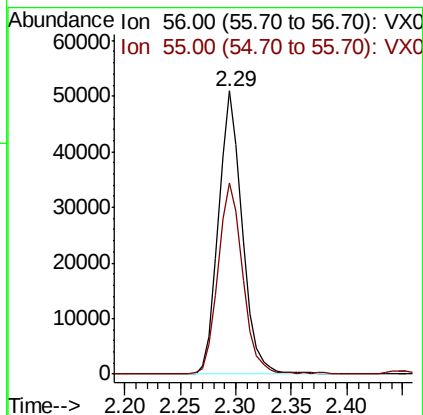
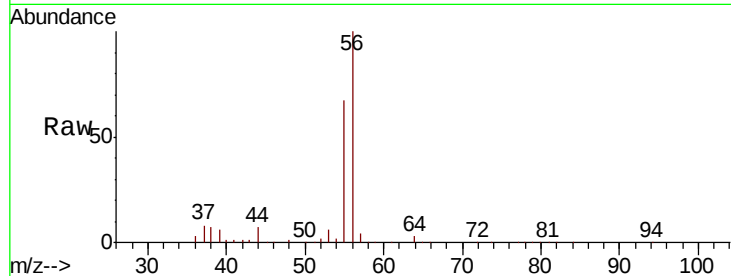
55 69.4 57.3 85.9

Manual Integrations

APPROVED

MMDadoda

8/8/2018 12:02:32 PM



#14

Acrylonitrile

Concen: 88.08 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

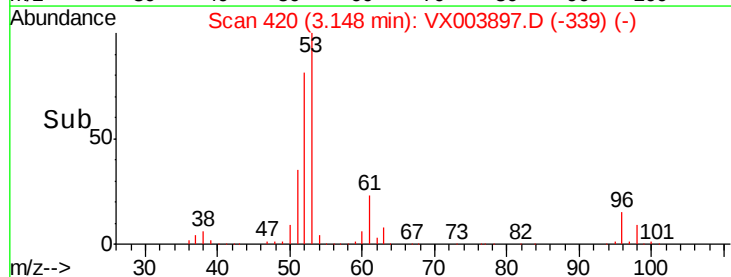
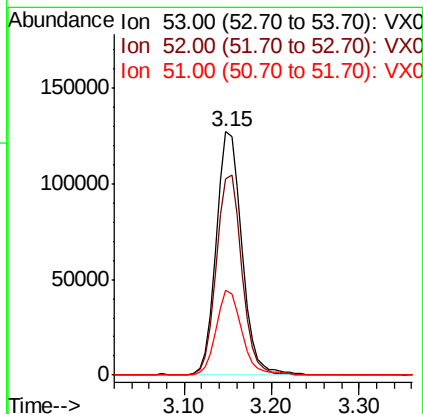
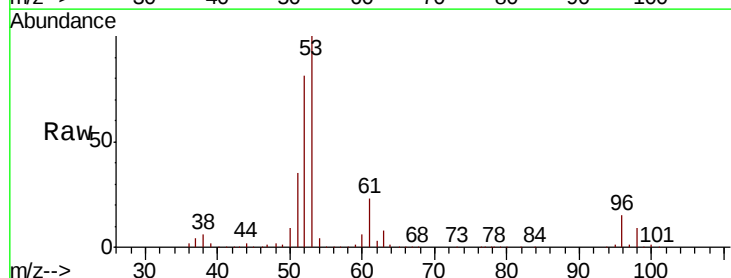
Tgt Ion: 53 Resp: 258164

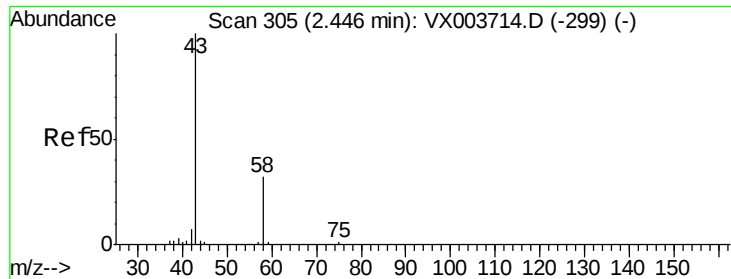
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.6

51 35.1 17.9 53.8





#15

Acetone

Concen: 87.86 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

Tot Ion: 58 Resp: 69882

Ion Ratio Lower Upper

58 100

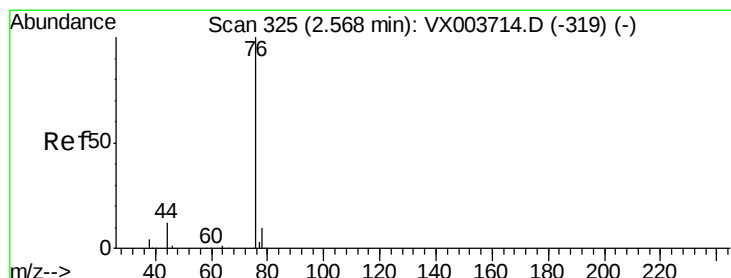
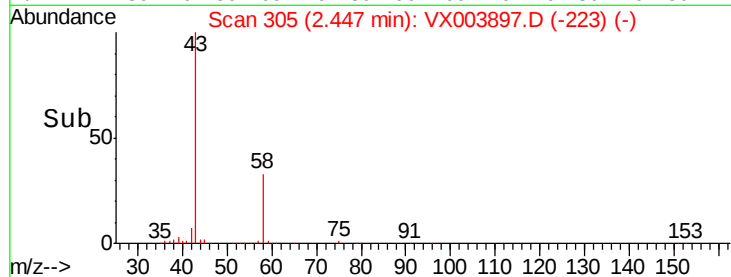
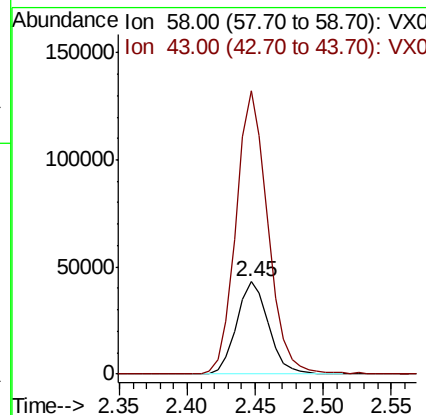
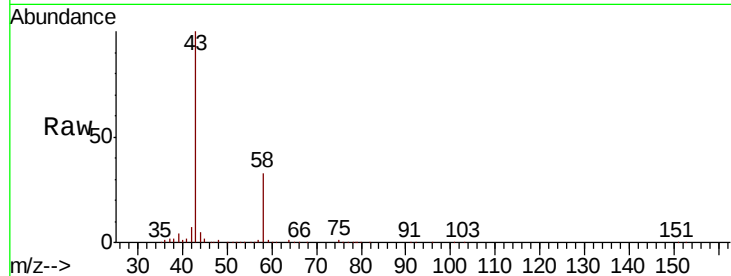
43 305.9 278.8 418.2

Manual Integrations

APPROVED

MMDadoda

8/8/2018 12:02:32 PM



#16

Carbon Disulfide

Concen: 17.49 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003897.D

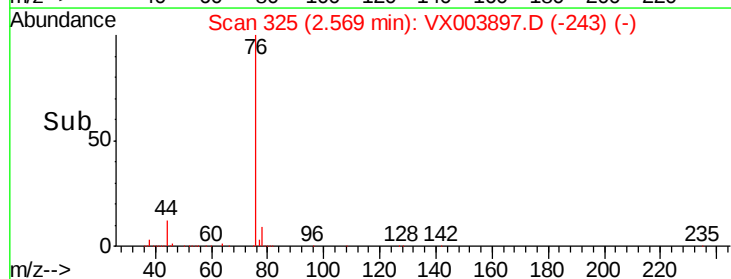
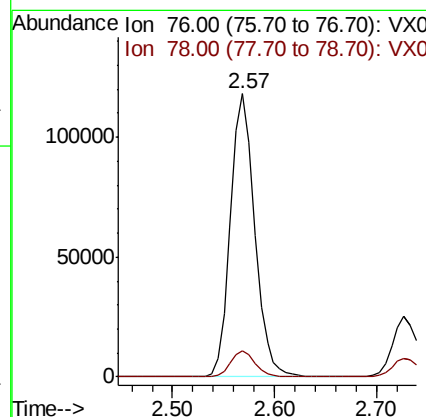
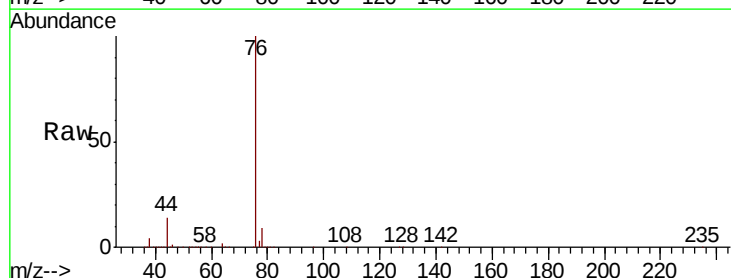
Acq: 07 Aug 2018 23:38

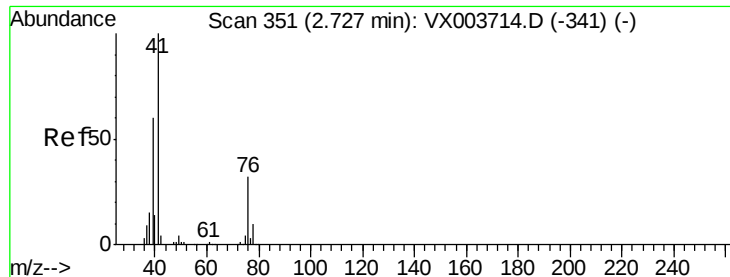
Tgt Ion: 76 Resp: 195313

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





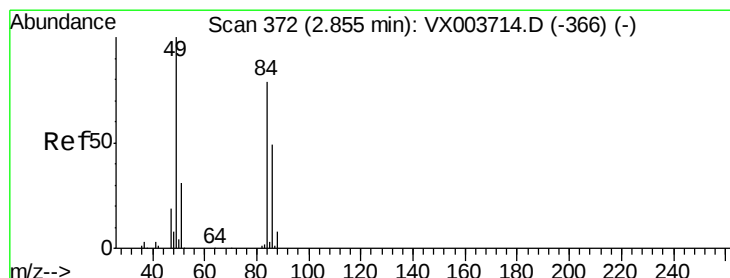
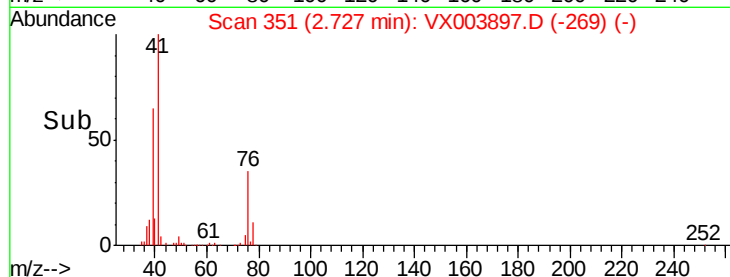
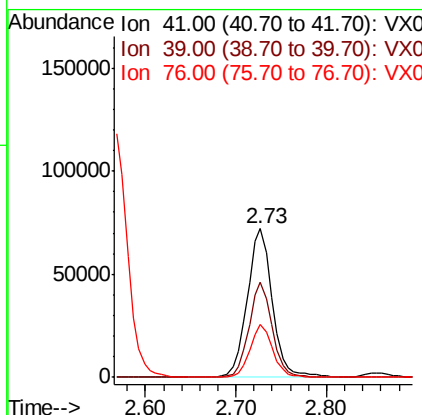
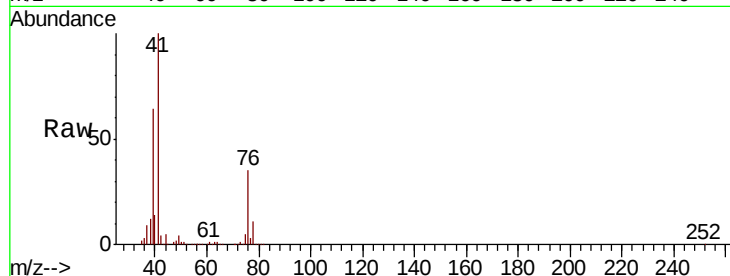
#17
Allvl chloride
Concen: 16.45 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.3	34.6	103.8
76	35.3	15.0	45.1

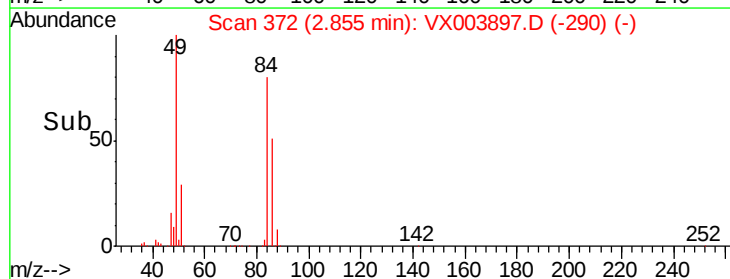
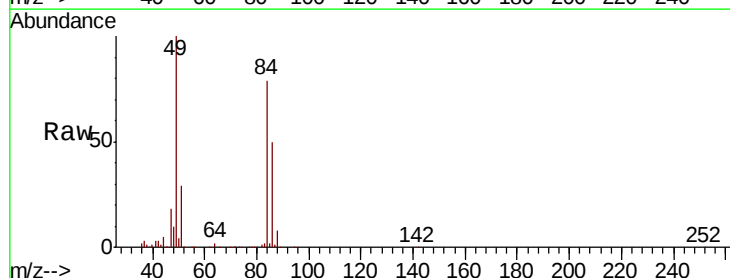
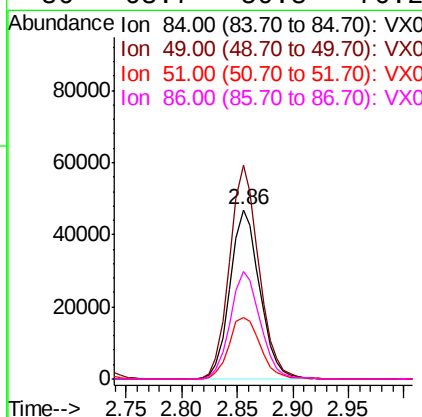
Manual Integrations
APPROVED

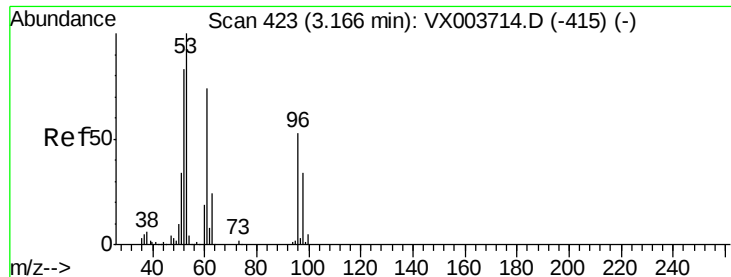
MMDadoda
8/8/2018 12:02:32 PM



#18
Methylene Chloride
Concen: 18.33 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	104.7	157.1
51	36.4	31.0	46.4
86	63.7	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 17.83 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

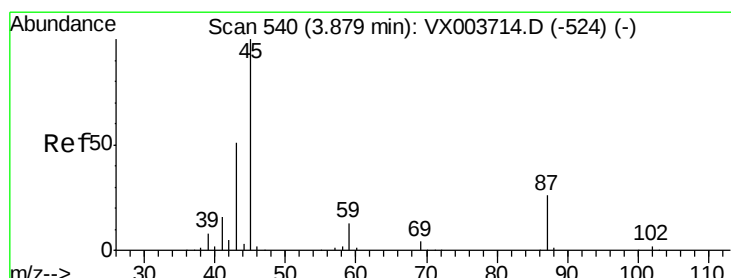
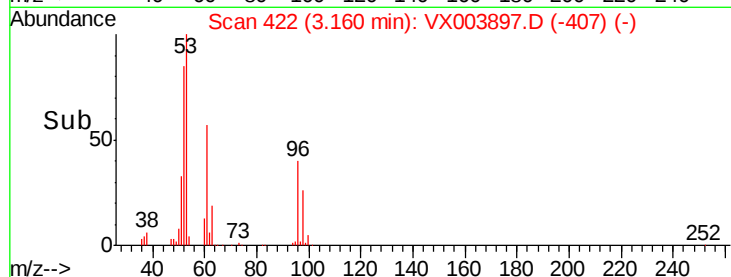
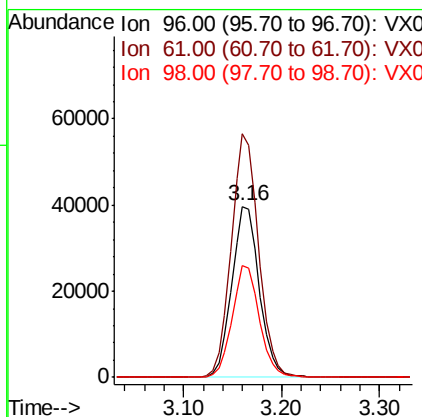
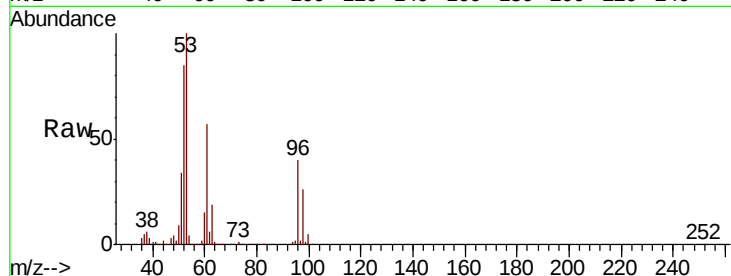
ClientSampleId :

VX0807WBS02

Tot Ion:	96	Resp:	77475
Ion	Ratio	Lower	Upper
96	100		
61	142.0	114.6	172.0
98	65.0	51.3	76.9

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



#20

Diisopropyl ether

Concen: 16.16 ug/l

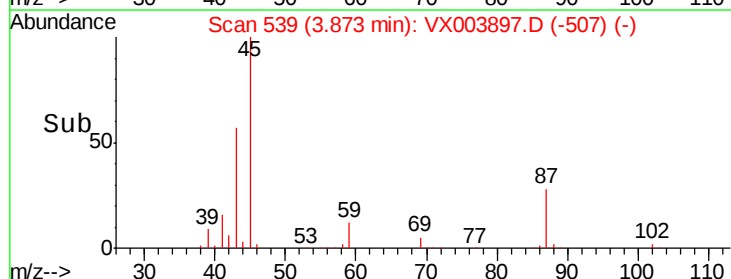
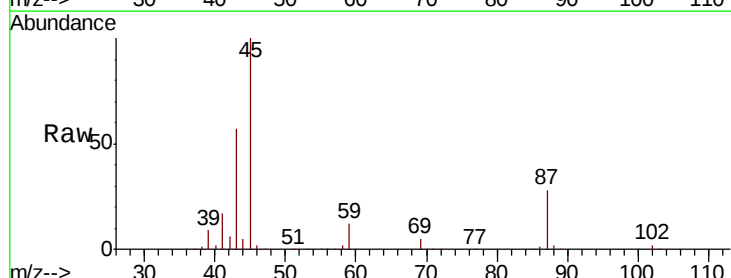
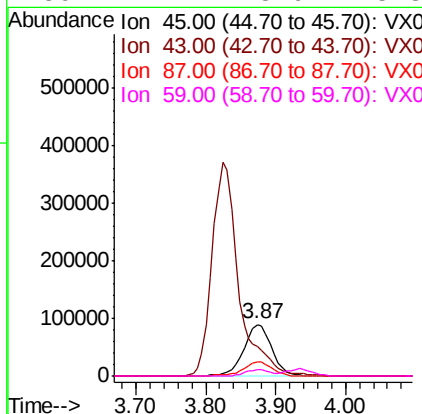
RT: 3.87 min Scan# 539

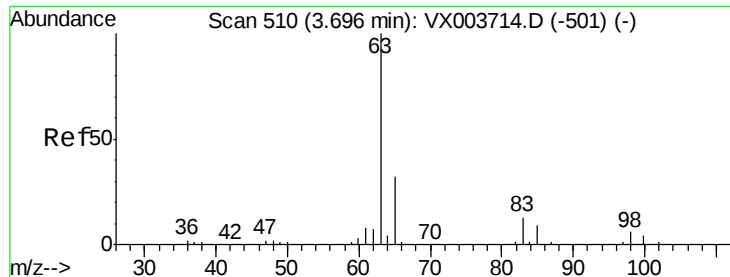
Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Tgt Ion:	45	Resp:	246889
Ion	Ratio	Lower	Upper
45	100		
43	56.8	45.6	68.4
87	28.3	20.7	31.1
59	12.4	8.9	13.3





#21

1,1-Dichloroethane

Concen: 17.63 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

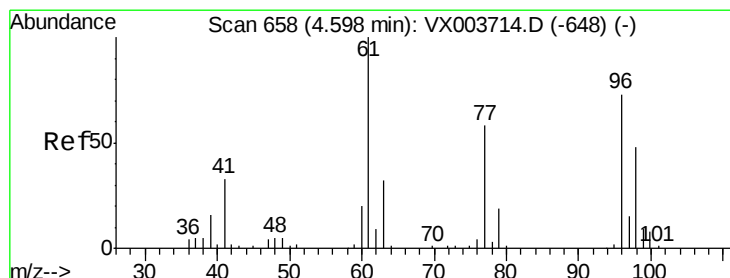
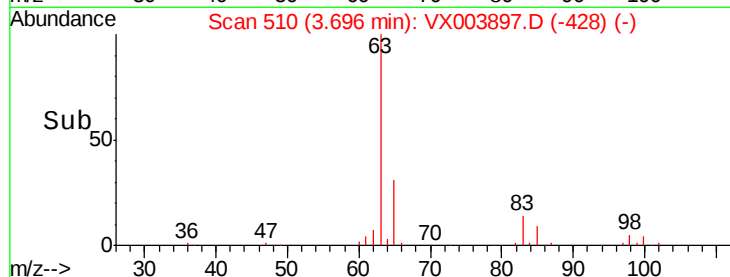
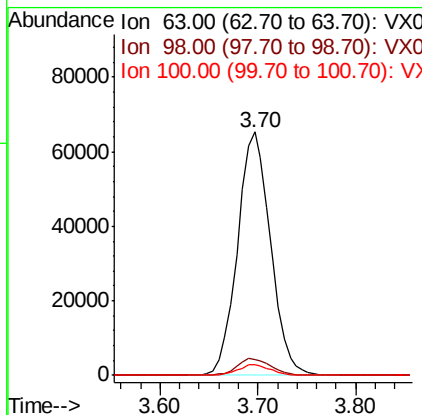
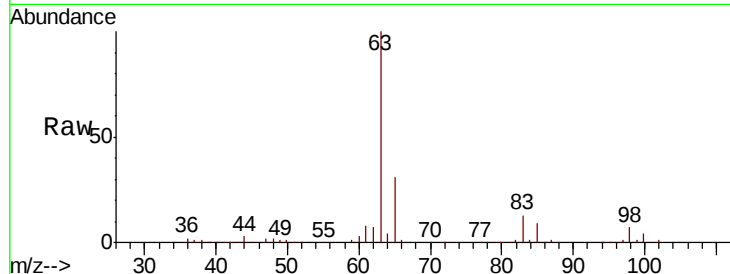
ClientSampleId :

VX0807WBS02

Tot Ion:	63	Resp:	152528
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.1	9.3
100	4.3	2.2	6.6

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



#22

cis-1,2-Dichloroethene

Concen: 19.62 ug/l

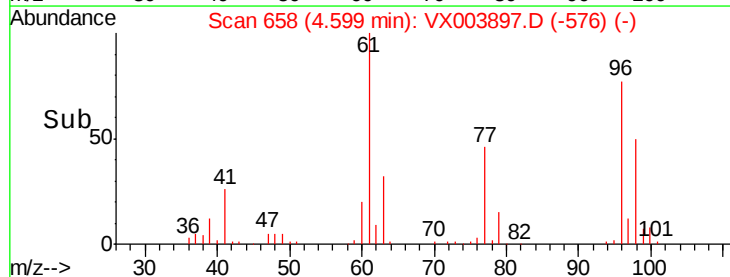
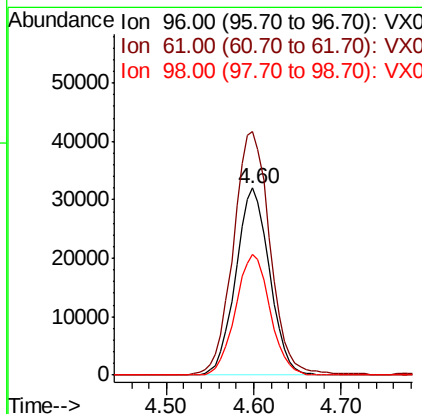
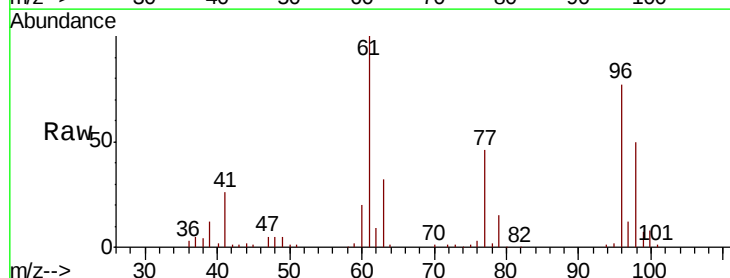
RT: 4.60 min Scan# 658

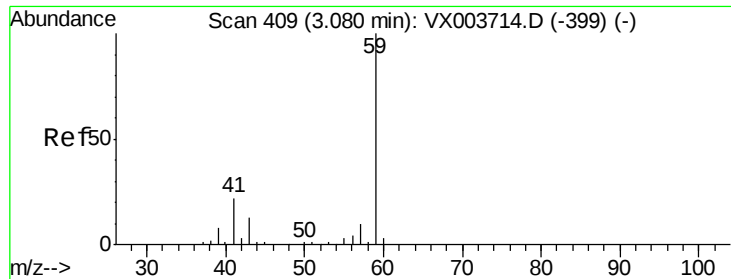
Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Tgt Ion:	96	Resp:	86098
Ion Ratio	Lower	Upper	
96	100		
61	141.4	160.2	240.2#
98	65.6	54.1	81.1





#23

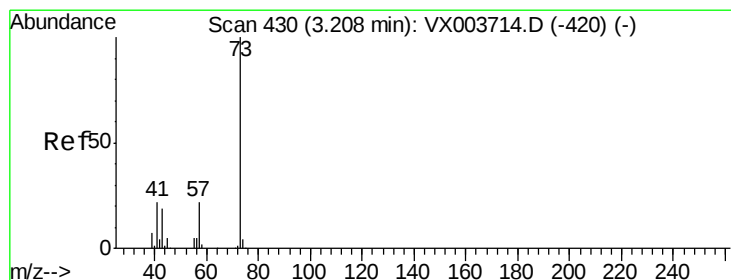
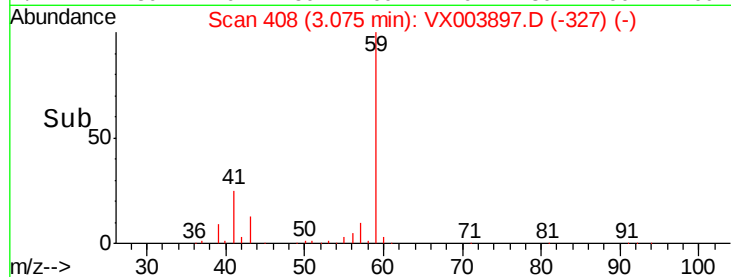
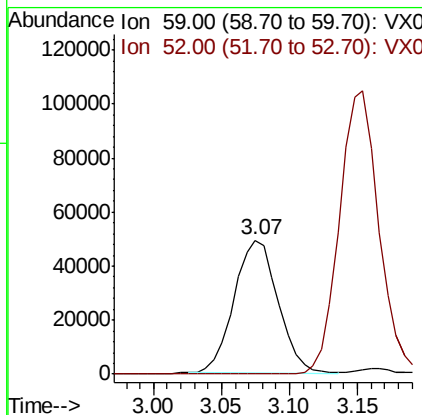
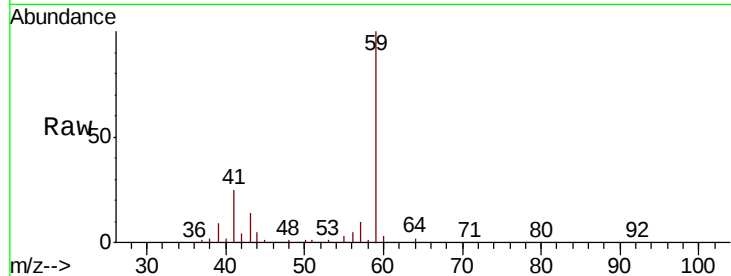
tert-Butyl Alcohol
 Concen: 89.70 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion: 59 Resp: 110438
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

Manual Integrations
 APPROVED

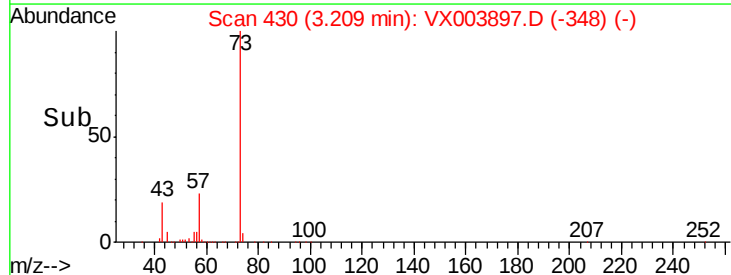
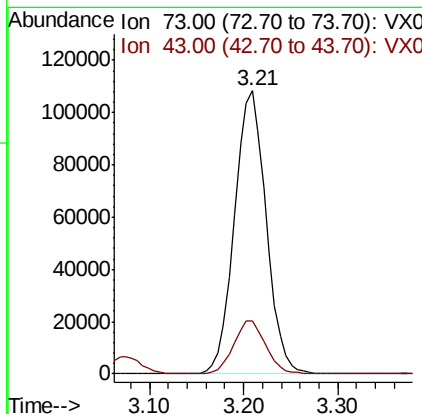
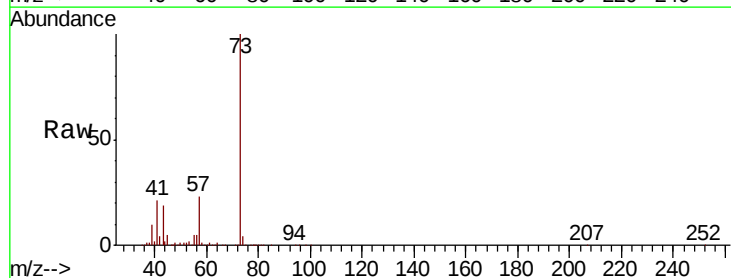
MMDadoda
 8/8/2018 12:02:32 PM

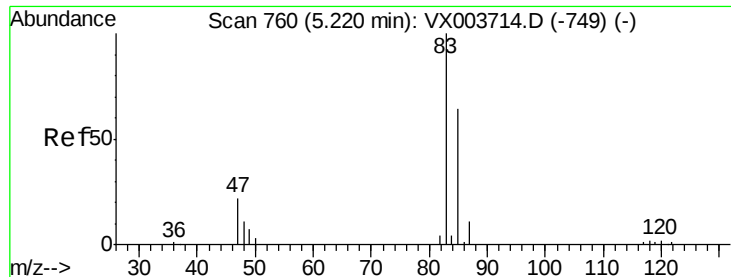


#24

Methyl tert-Butyl Ether
 Concen: 17.63 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 73 Resp: 254179
 Ion Ratio Lower Upper
 73 100
 43 18.7 19.0 28.4#





#25

Chloroform

Concen: 19.25 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

Tot Ion: 83 Resp: 144199

Ion Ratio Lower Upper

83 100

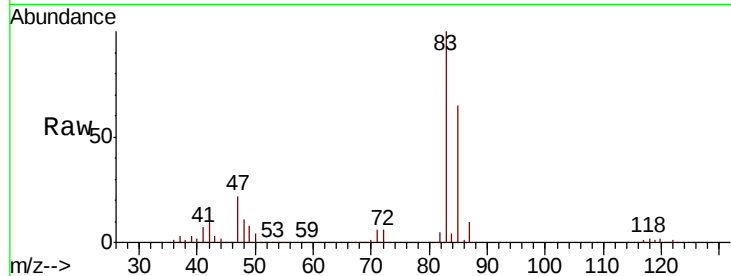
85 65.3 51.9 77.9

Manual Integrations

APPROVED

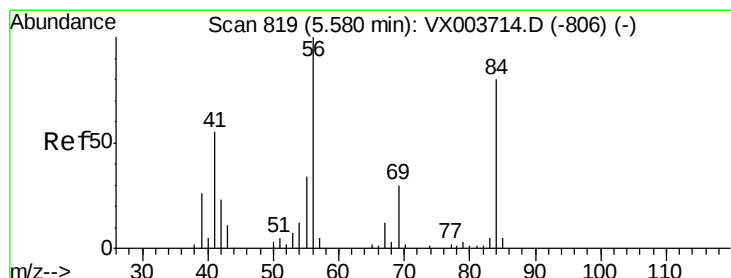
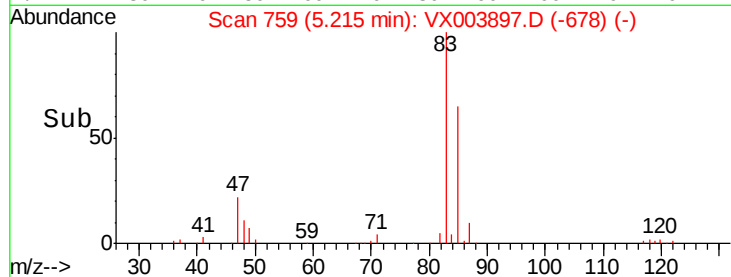
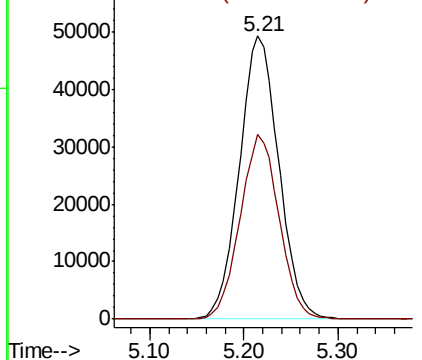
MMDadoda

8/8/2018 12:02:32 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.67 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

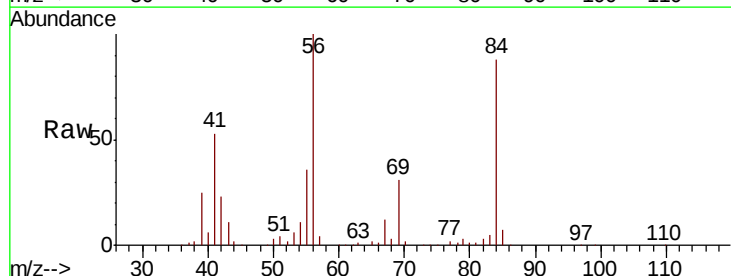
Tgt Ion: 56 Resp: 121348

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

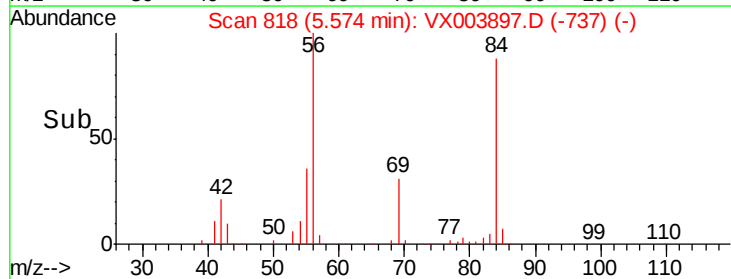
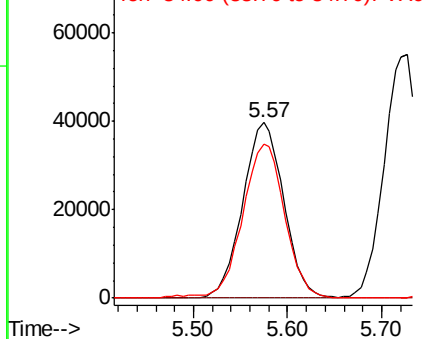
84 88.7 64.9 97.3

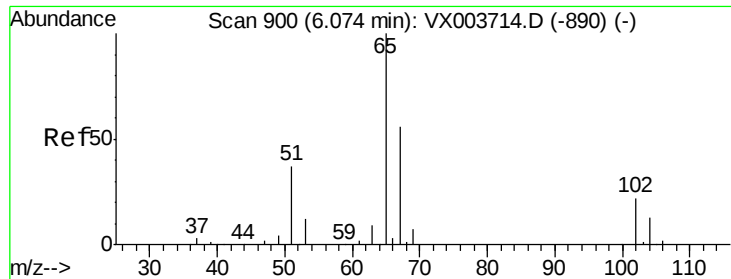


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





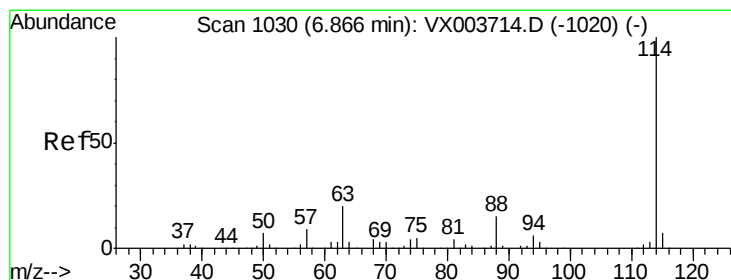
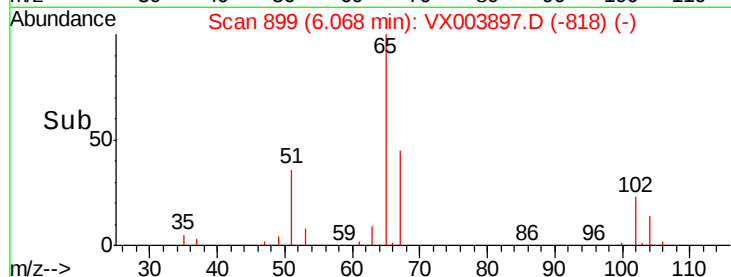
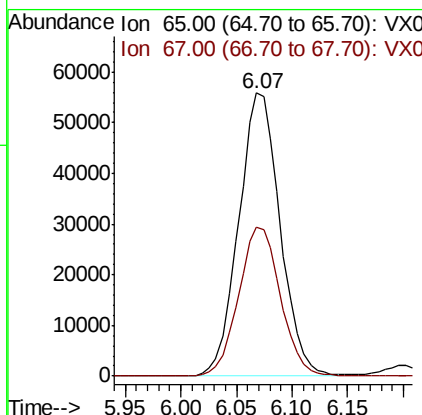
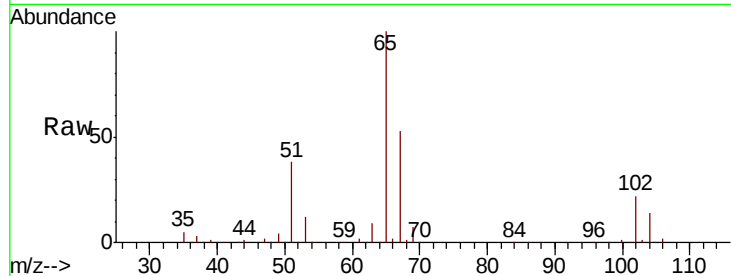
#27
 1,2-Dichloroethane-d4
 Concen: 28.01 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	40.9	61.3

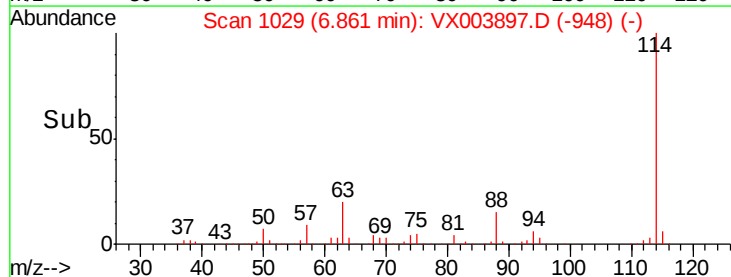
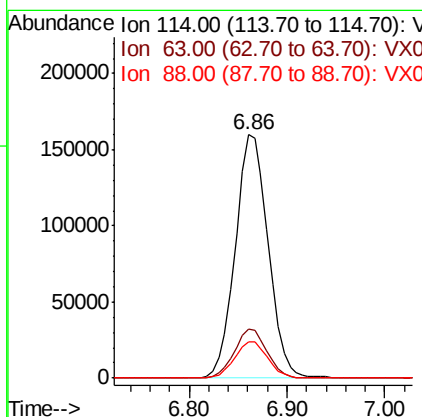
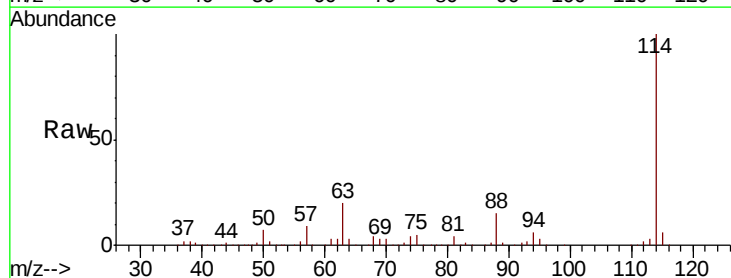
Manual Integrations
 APPROVED

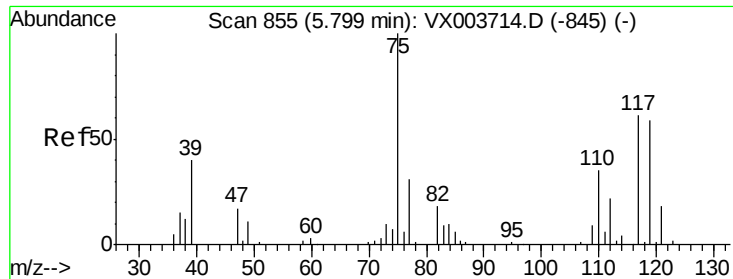
MMDadoda
 8/8/2018 12:02:32 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	17.1	25.7
88	15.1	12.6	19.0





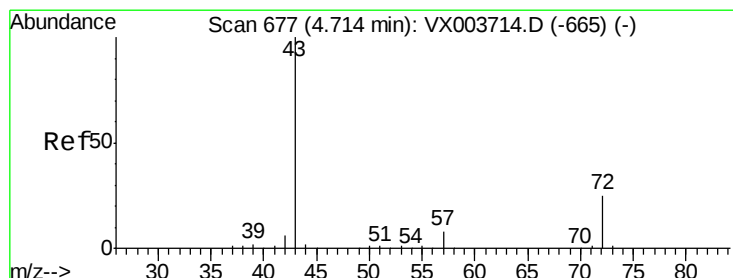
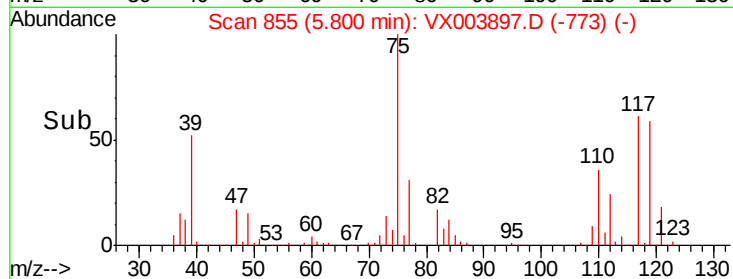
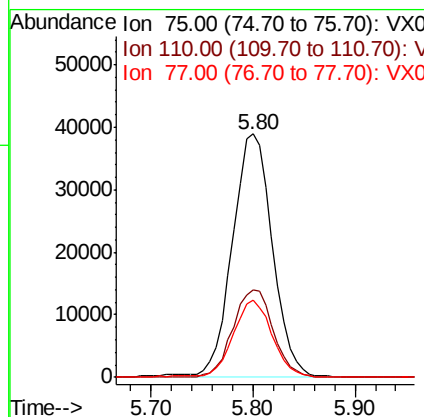
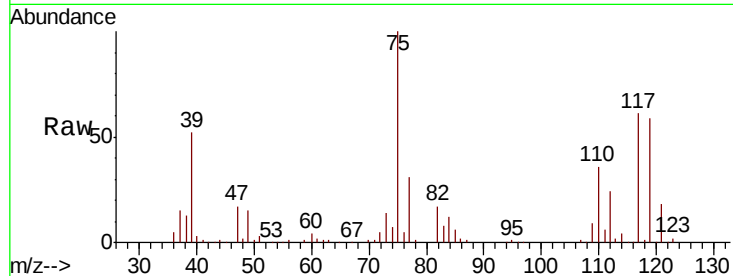
#29
 1,1-Dichloropropene
 Concen: 19.25 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS02

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.4	0.0	71.4
77	30.9	0.0	60.6

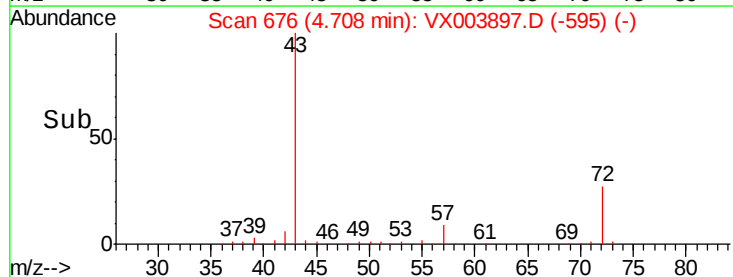
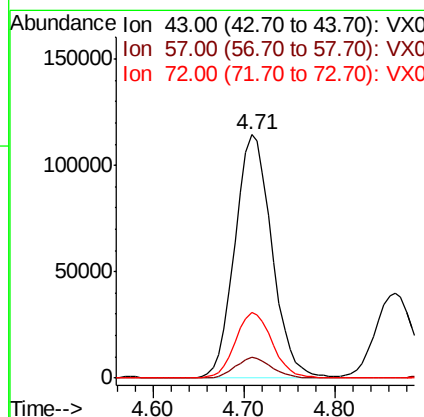
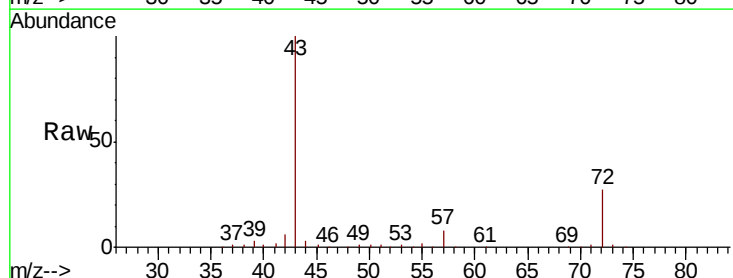
Manual Integrations
 APPROVED

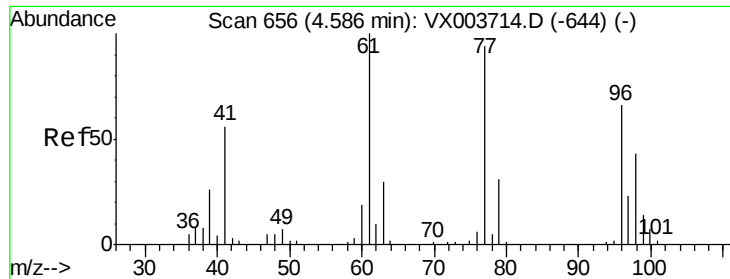
MMDadoda
 8/8/2018 12:02:32 PM



#30
 2-Butanone
 Concen: 92.03 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	6.1	9.1
72	27.1	18.1	27.1





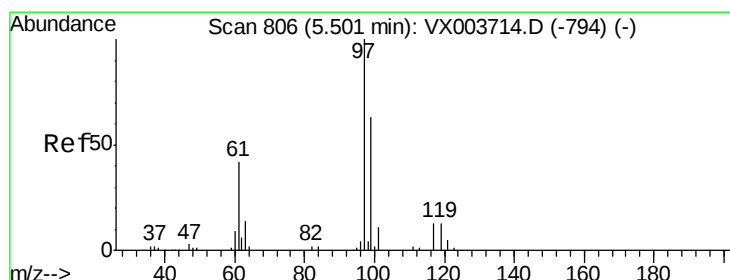
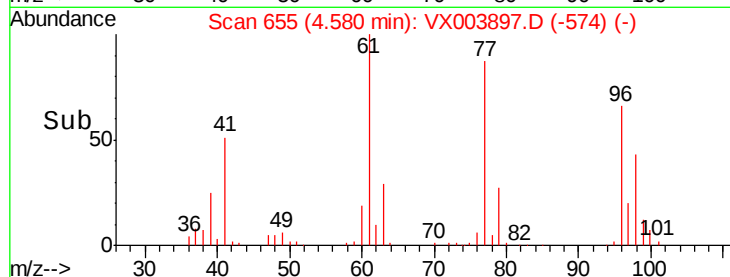
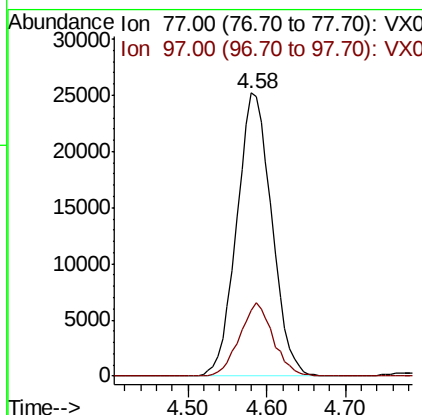
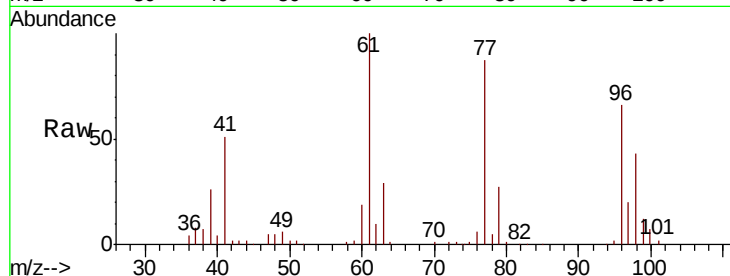
#31
 2,2-Dichloropropane
 Concen: 14.60 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion: 77 Resp: 77778
 Ion Ratio Lower Upper
 77 100
 97 24.7 18.7 28.1

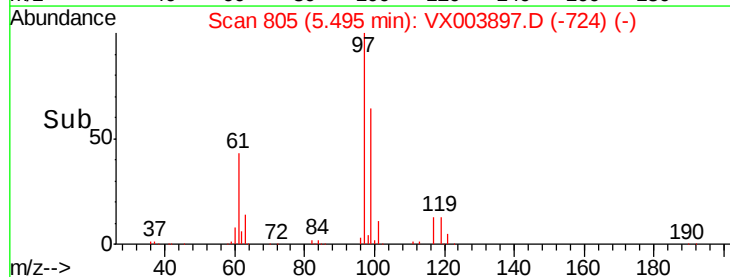
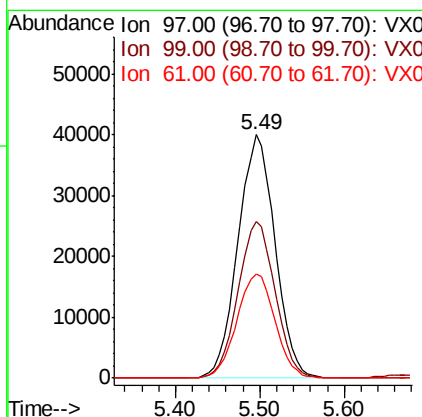
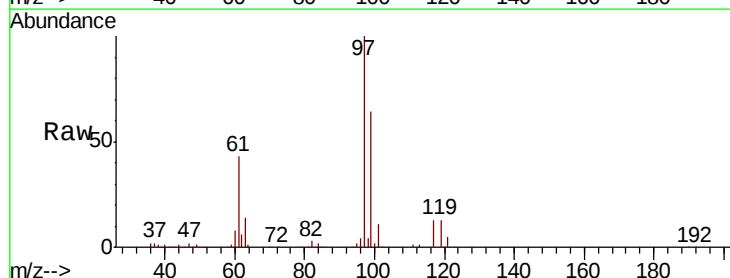
Manual Integrations
 APPROVED

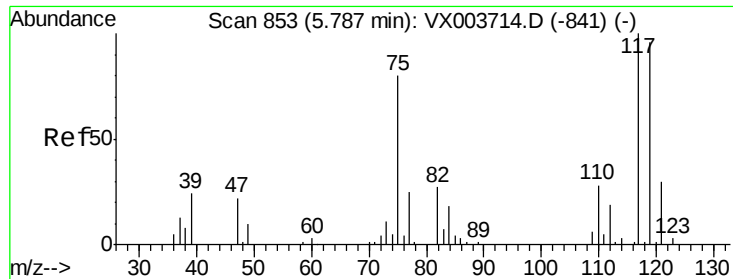
MMDadoda
 8/8/2018 12:02:32 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.02 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 97 Resp: 119682
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.7 77.5
 61 44.1 36.4 54.6





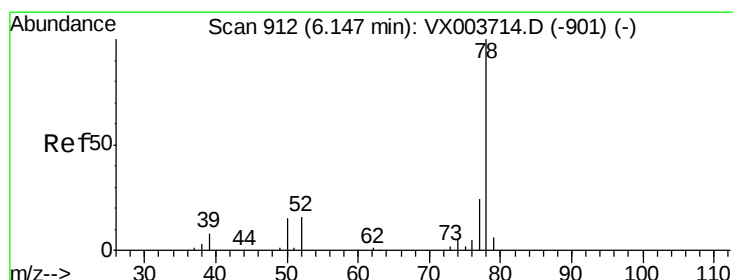
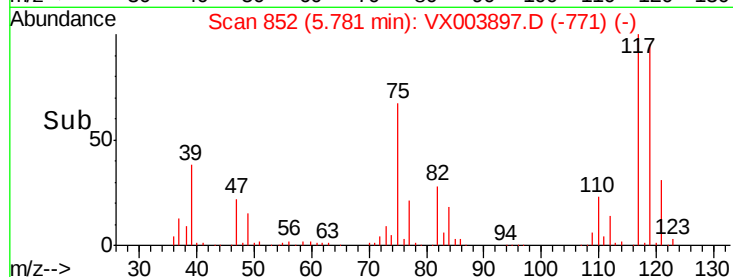
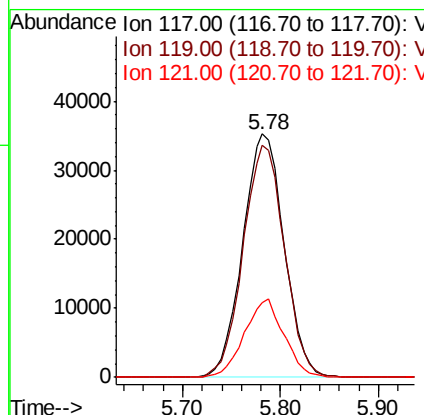
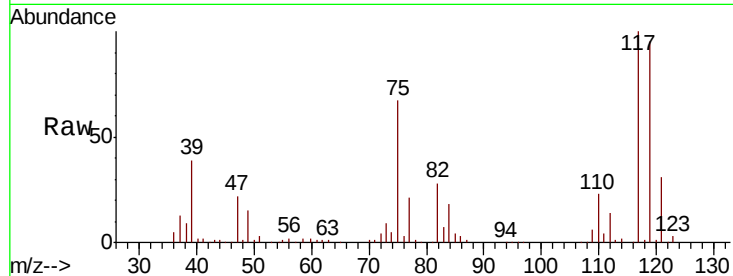
#33
Carbon Tetrachloride
Concen: 18.90 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.2	73.3	109.9
121	30.7	23.6	35.4

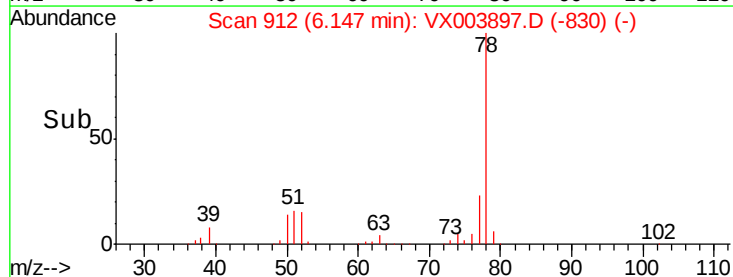
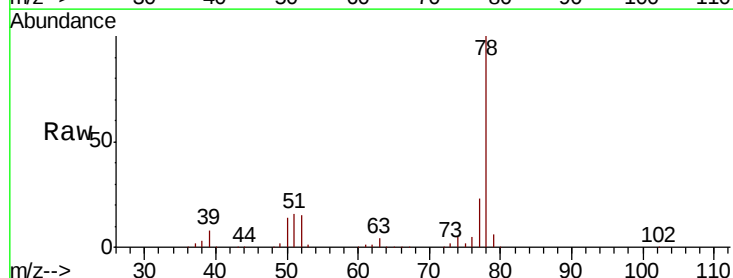
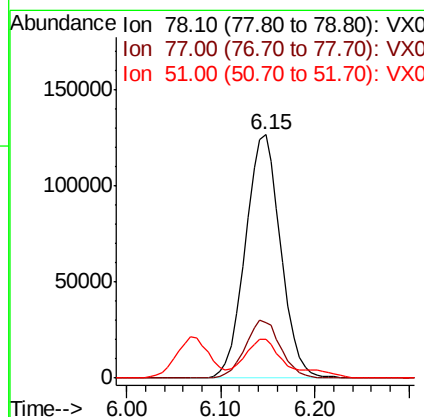
Manual Integrations
APPROVED

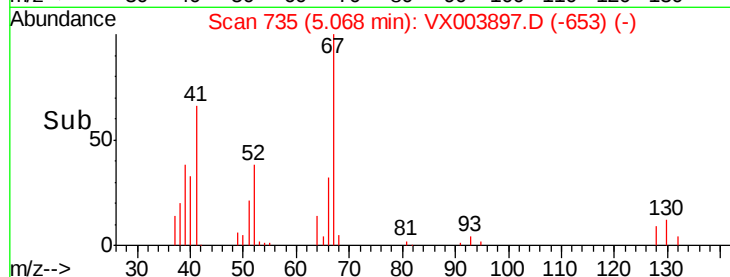
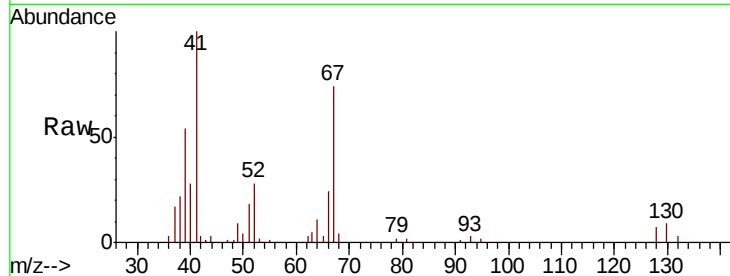
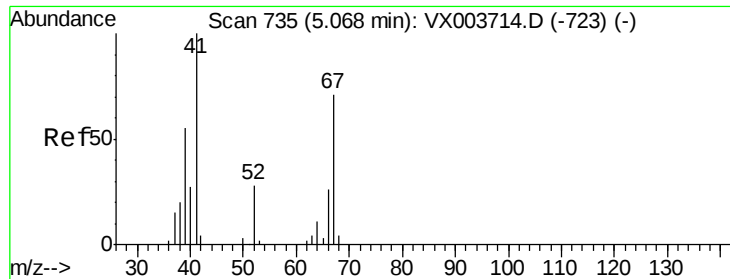
MMDadoda
8/8/2018 12:02:32 PM



#34
Benzene
Concen: 19.59 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.4	29.0
51	14.8	13.8	20.6





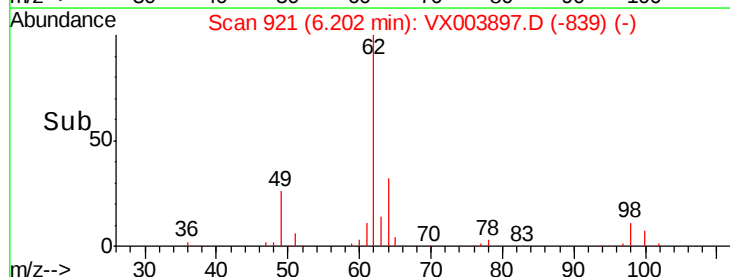
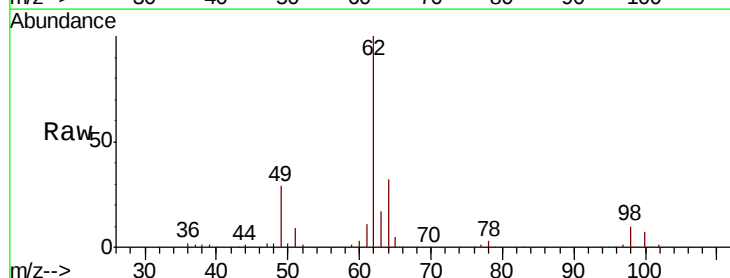
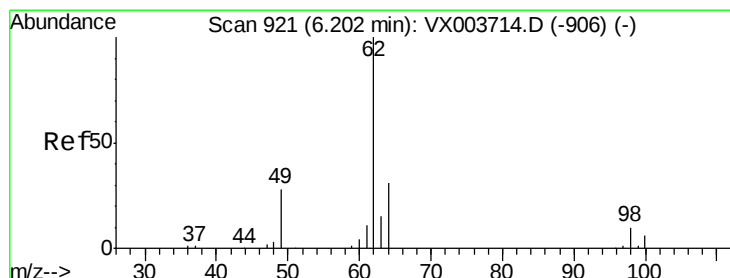
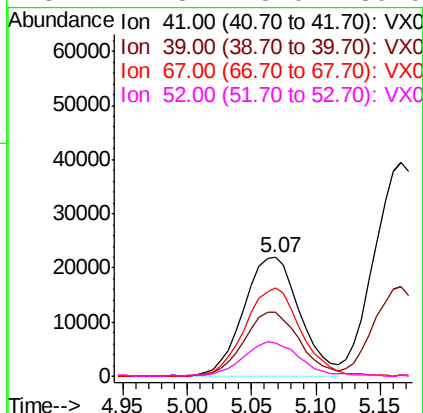
#35
Methacrylonitrile
Concen: 18.23 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.4	28.8	86.5		
67	74.2	30.4	91.2		
52	27.8	13.0	39.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

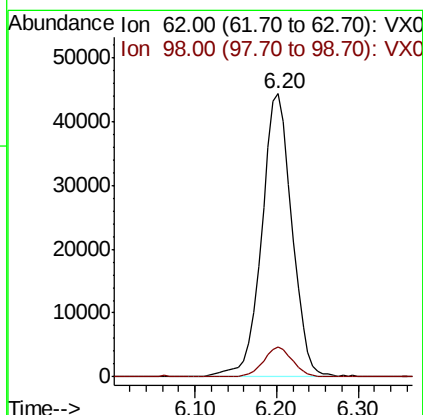
Manual Integrations
APPROVED

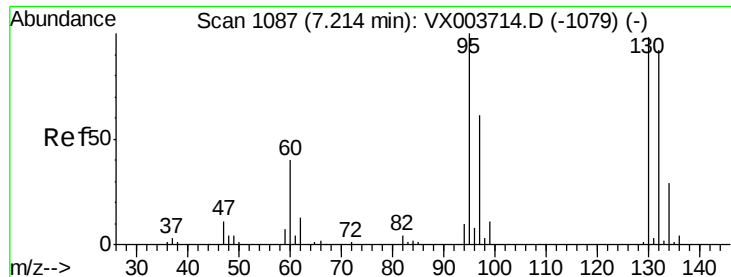
MMDadoda
8/8/2018 12:02:32 PM



#36
1,2-Dichloroethane
Concen: 18.80 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.2	6.5	9.7#		





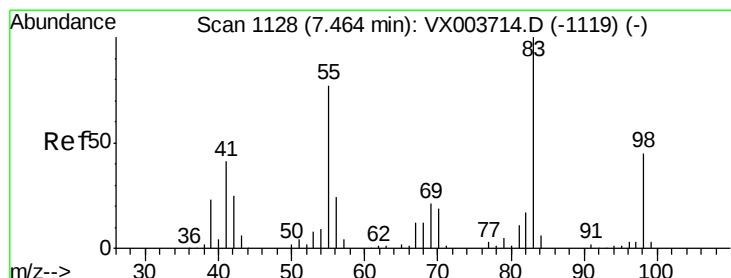
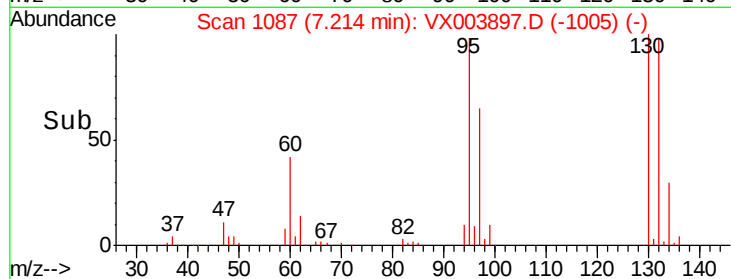
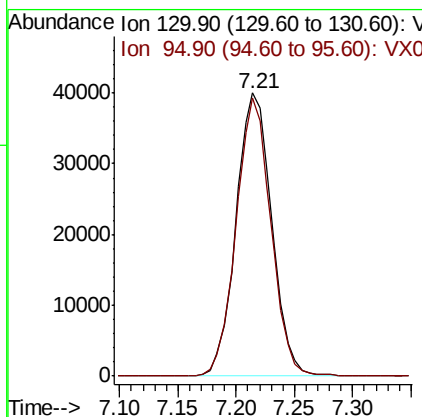
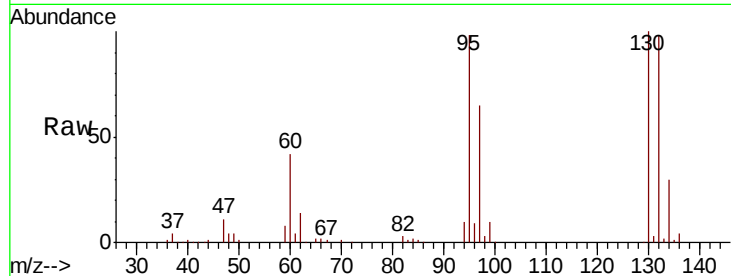
#37
 Trichloroethene
 Concen: 19.41 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion:130 Resp: 85489
 Ion Ratio Lower Upper
 130 100
 95 98.3 81.5 122.3

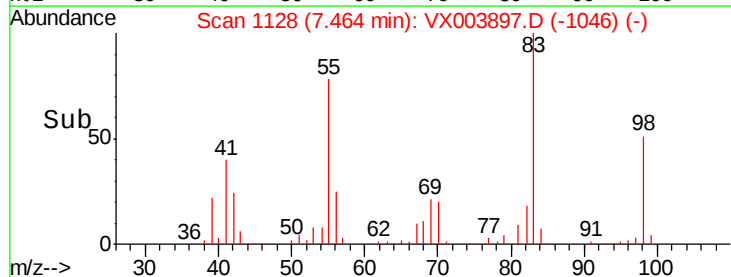
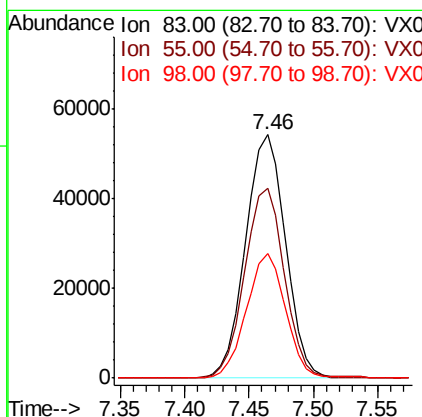
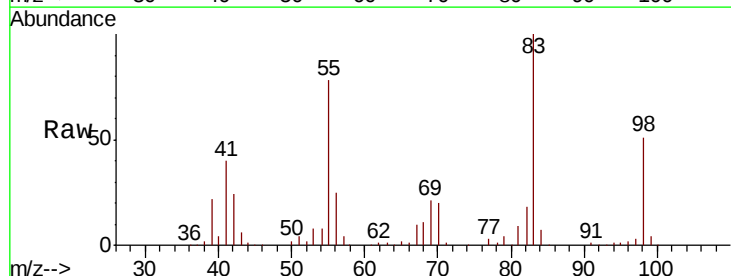
Manual Integrations
 APPROVED

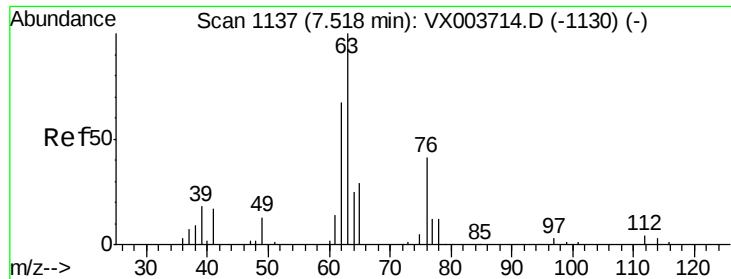
MMDadoda
 8/8/2018 12:02:32 PM



#38
 Methylcyclohexane
 Concen: 18.72 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 83 Resp: 116992
 Ion Ratio Lower Upper
 83 100
 55 77.4 40.6 121.8
 98 50.0 23.5 70.5





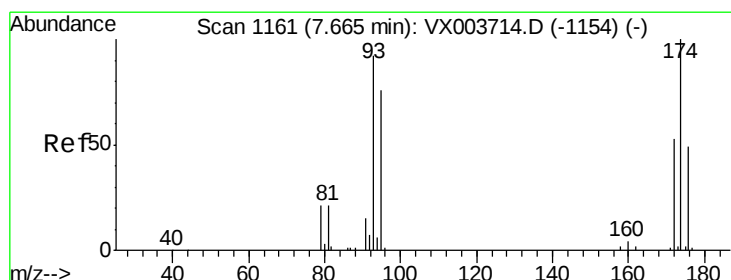
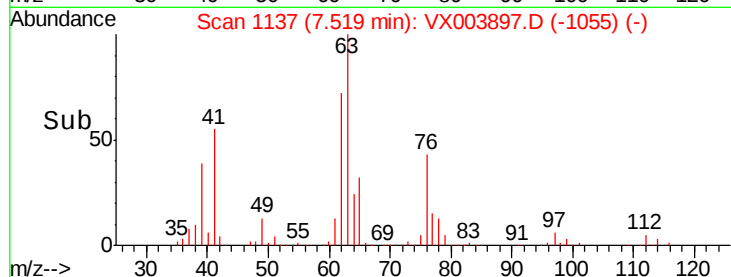
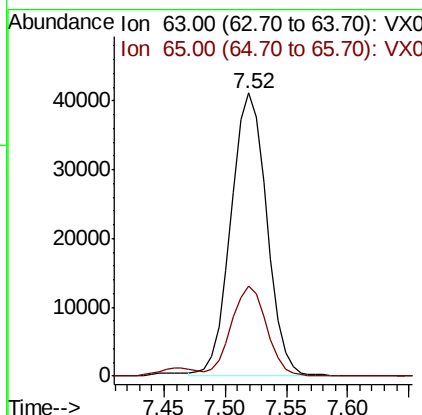
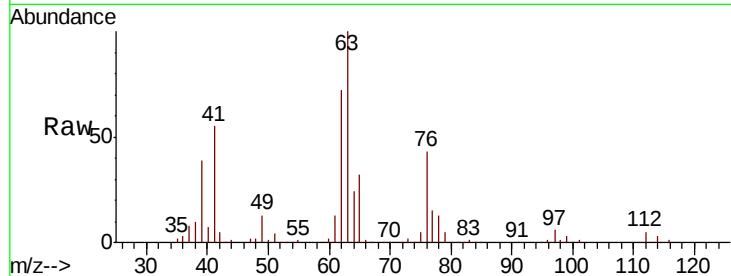
#39
 1,2-Dichloropropane
 Concen: 18.79 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.3	34.9

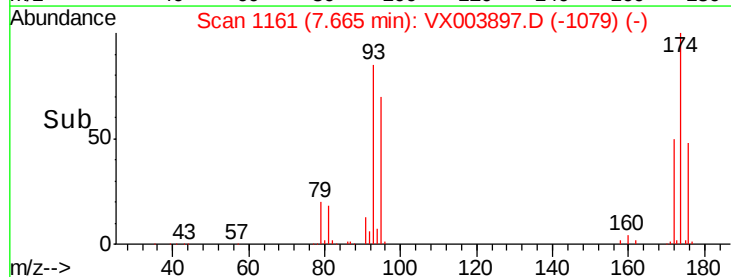
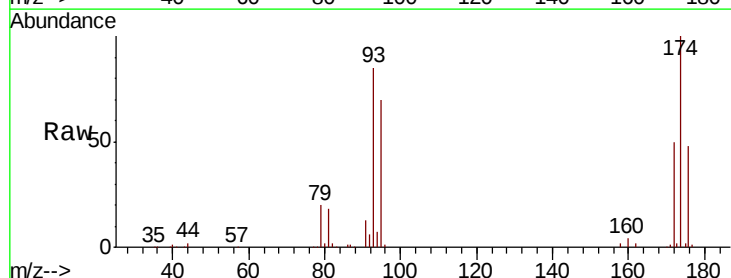
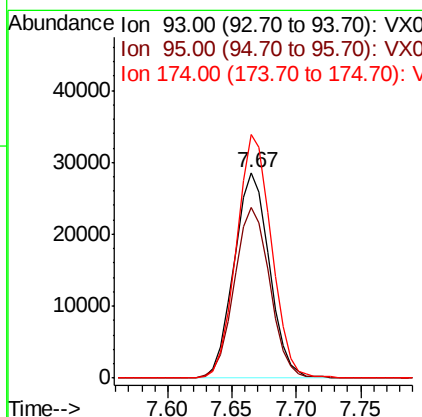
Manual Integrations
 APPROVED

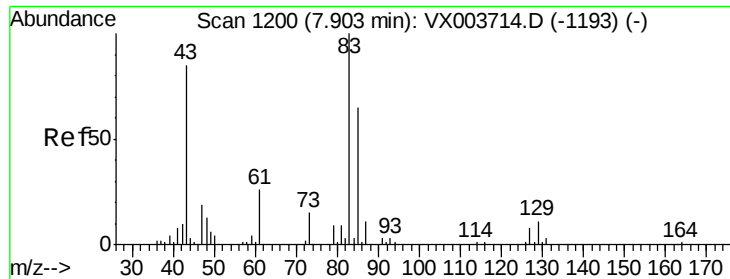
MMDadoda
 8/8/2018 12:02:32 PM



#40
 Dibromomethane
 Concen: 18.85 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	0.0	162.6
174	117.2	0.0	229.4





#41

Bromodichloromethane

Concen: 18.22 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

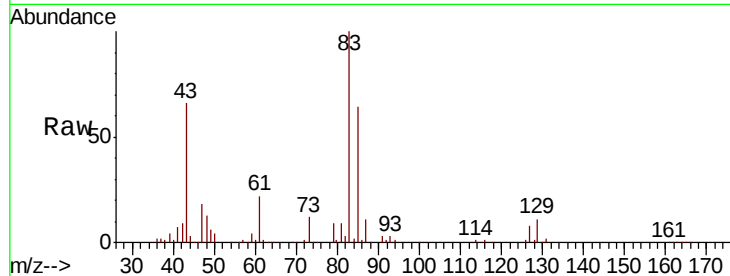
ClientSampleId :

VX0807WBS02

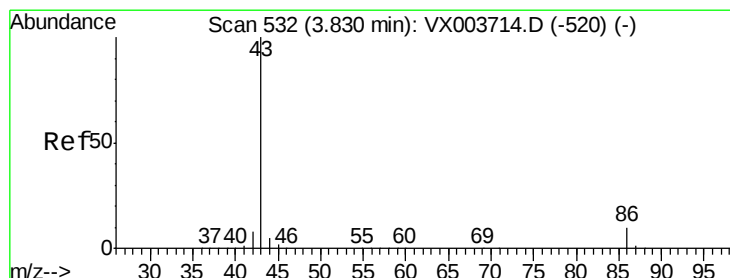
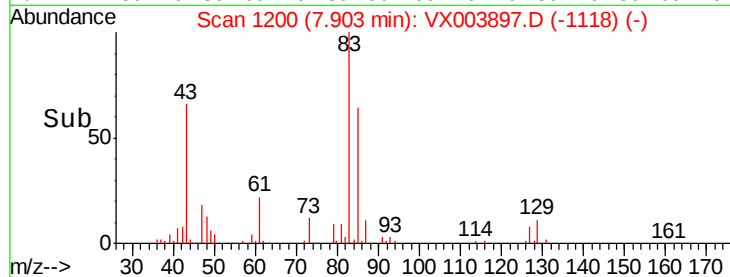
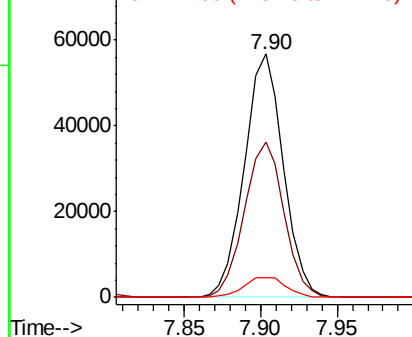
Tot Ion:	83	Resp:	100610
Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.8	74.8
127	8.3	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 73.32 ug/l

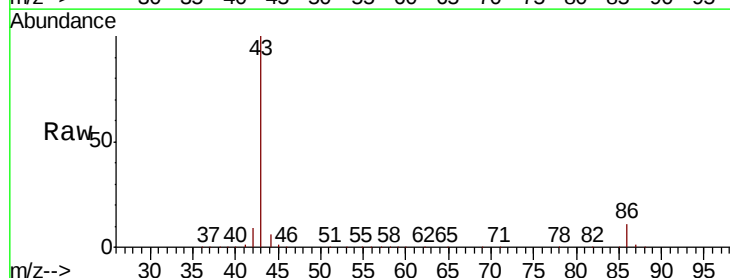
RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

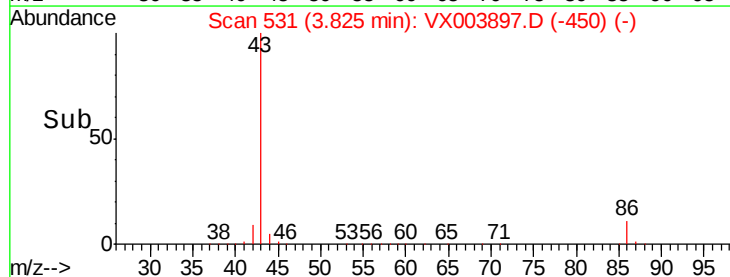
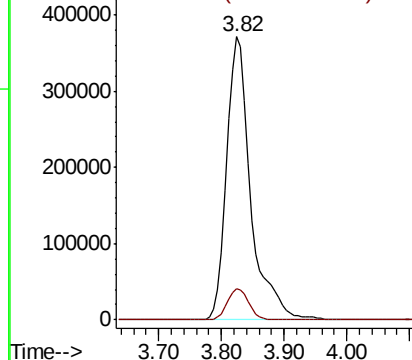
Lab File: VX003897.D

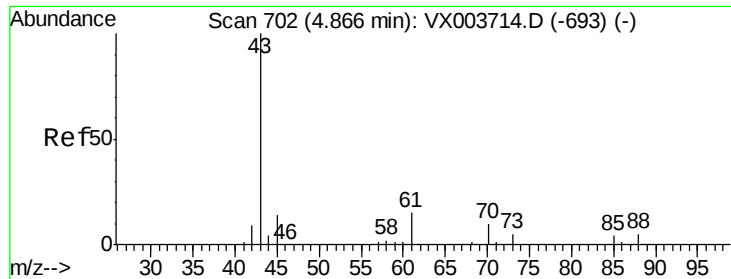
Acq: 07 Aug 2018 23:38

Tgt Ion:	43	Resp:	989659
Ion	Ratio	Lower	Upper
43	100		
86	9.7	6.7	10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





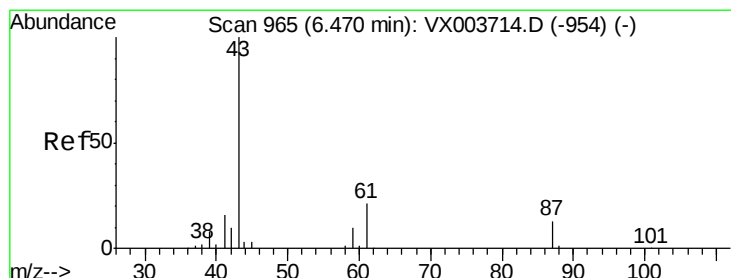
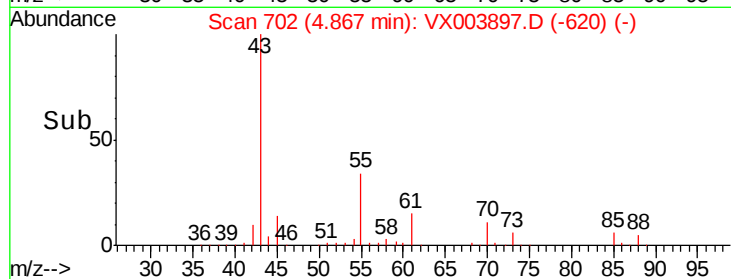
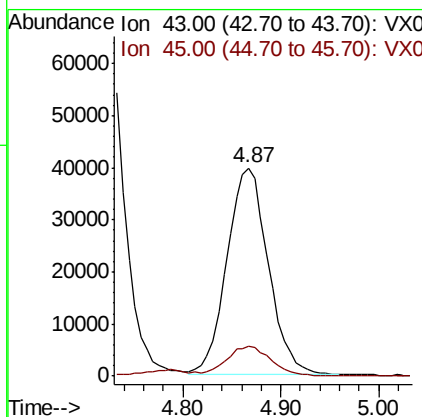
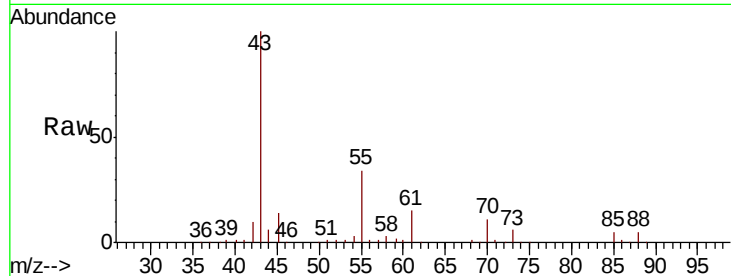
#43
Ethyl Acetate
Concen: 17.77 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion: 43 Resp: 116576
Ion Ratio Lower Upper
43 100
45 15.1 11.0 16.4

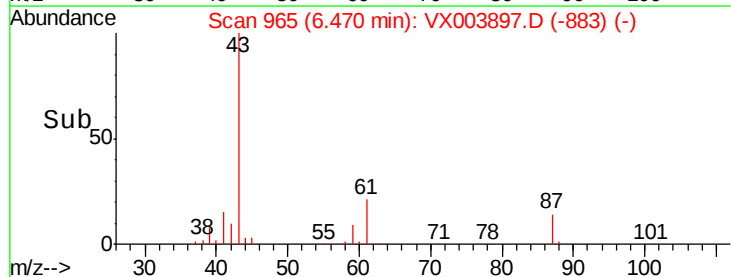
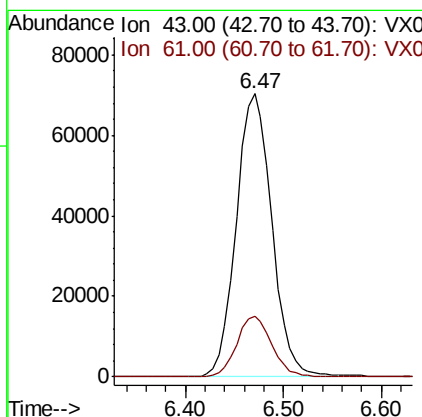
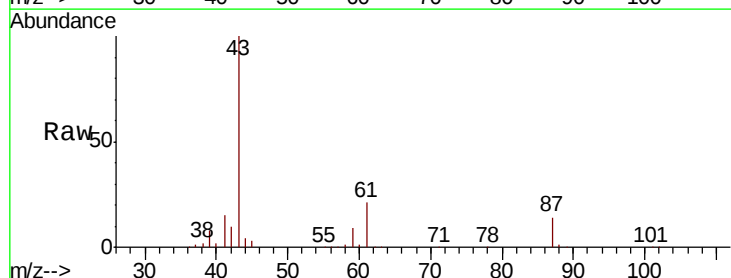
Manual Integrations
APPROVED

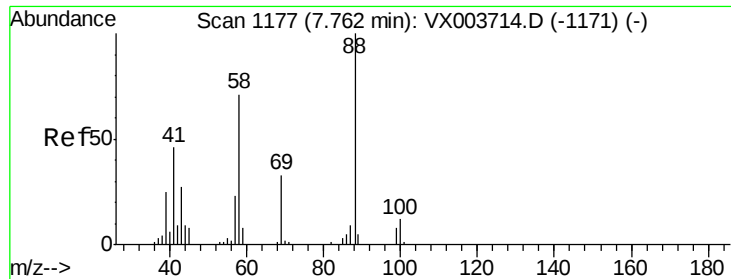
MMDadoda
8/8/2018 12:02:32 PM



#44
Isopropyl Acetate
Concen: 17.58 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 43 Resp: 176899
Ion Ratio Lower Upper
43 100
61 21.1 14.5 21.7





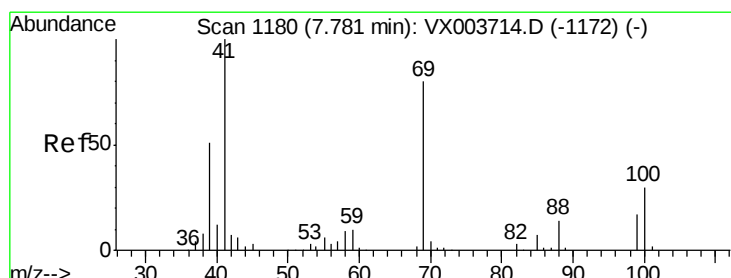
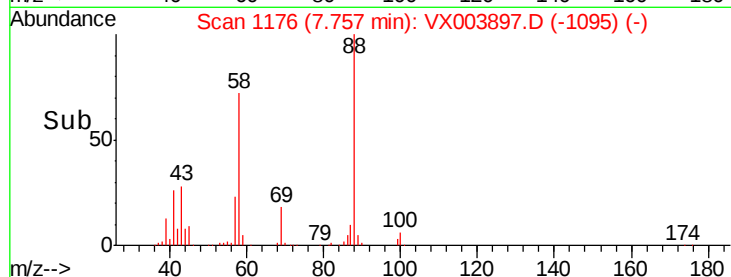
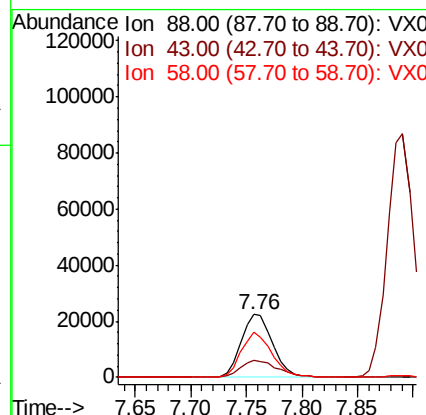
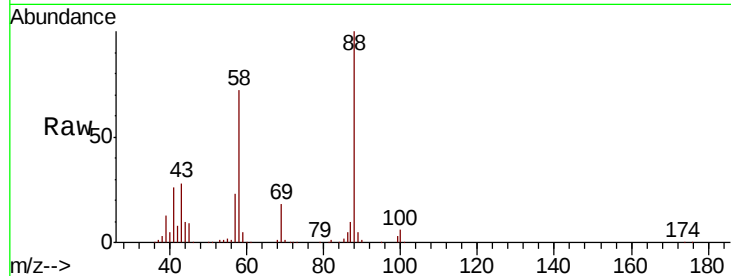
#45
 1,4-Dioxane
 Concen: 395.32 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	43.2	64.8#
58	70.4	60.2	90.2

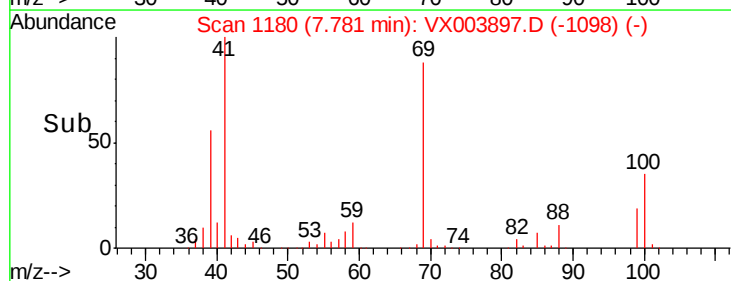
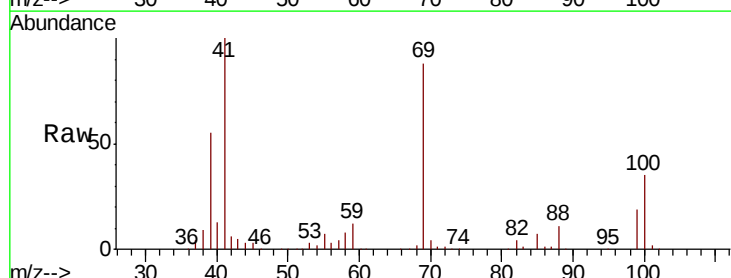
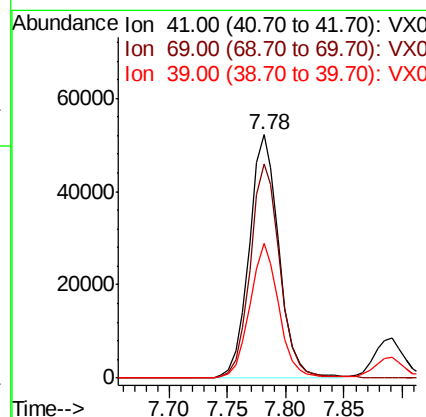
Manual Integrations
 APPROVED

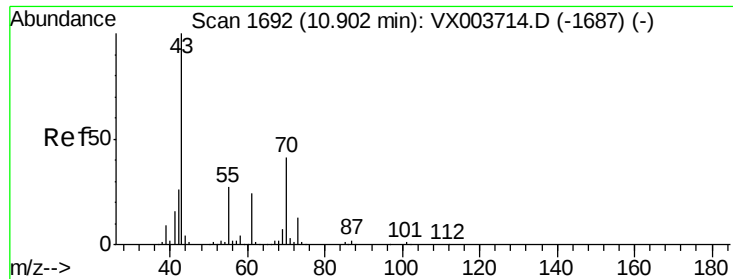
MMDadoda
 8/8/2018 12:02:32 PM



#46
 Methyl methacrylate
 Concen: 17.82 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.0	37.0	110.9
39	55.5	29.6	88.9





#47

n-amvl Acetate

Concen: 15.55 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS02

Tot Ion: 43 Resp: 147758

Ion Ratio Lower Upper

43 100

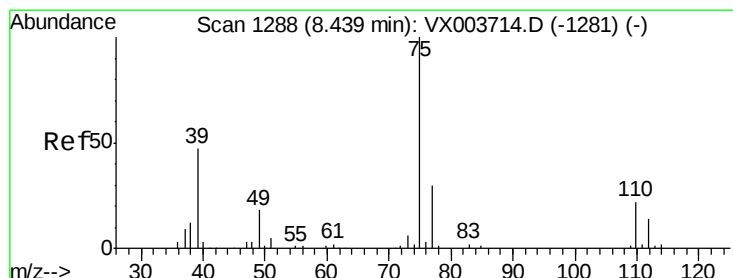
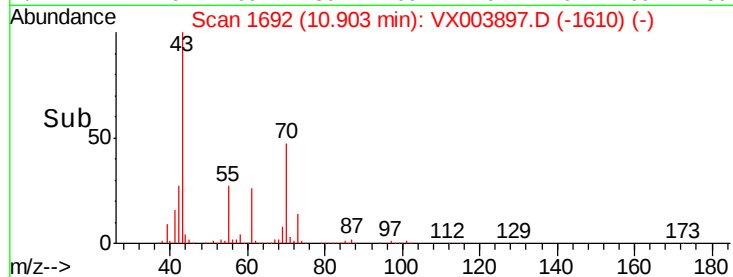
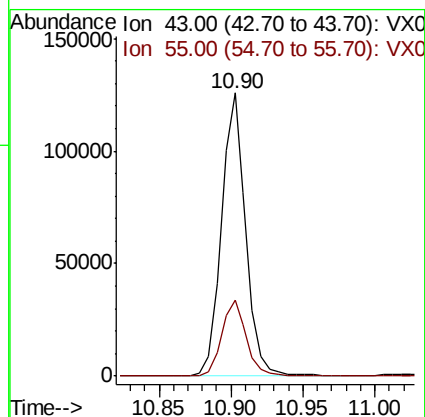
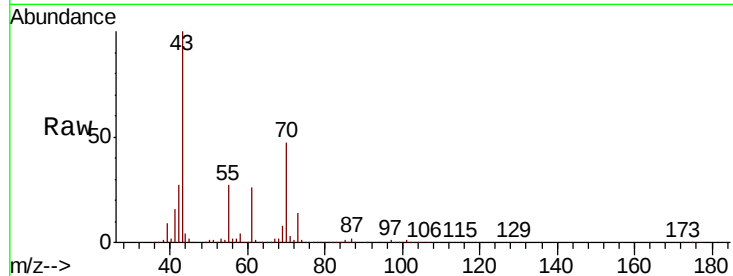
55 27.7 0.1 0.1#

Manual Integrations

APPROVED

MMDadoda

8/8/2018 12:02:32 PM



#48

t-1,3-Dichloropropene

Concen: 17.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003897.D

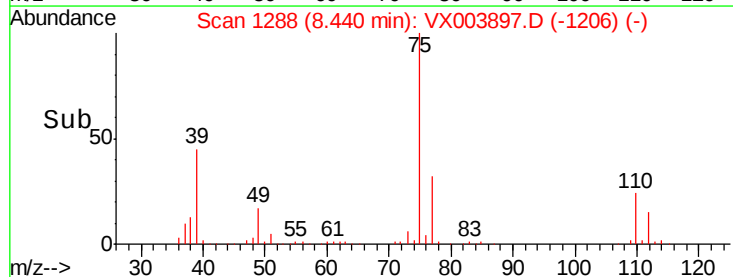
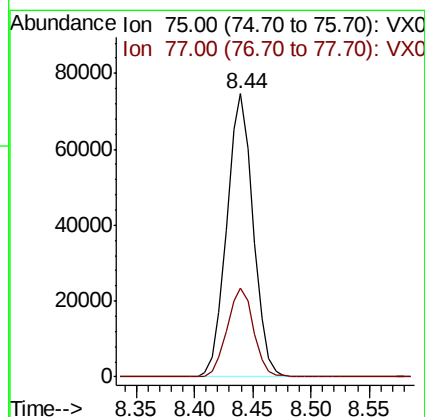
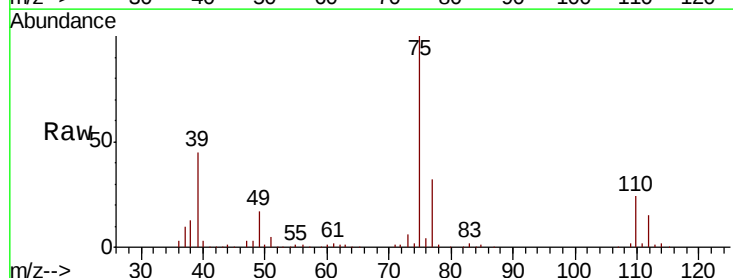
Acq: 07 Aug 2018 23:38

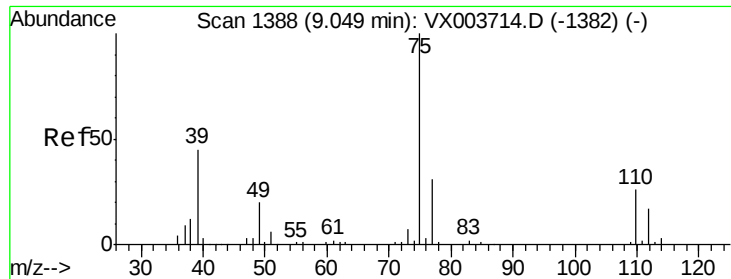
Tgt Ion: 75 Resp: 117382

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4





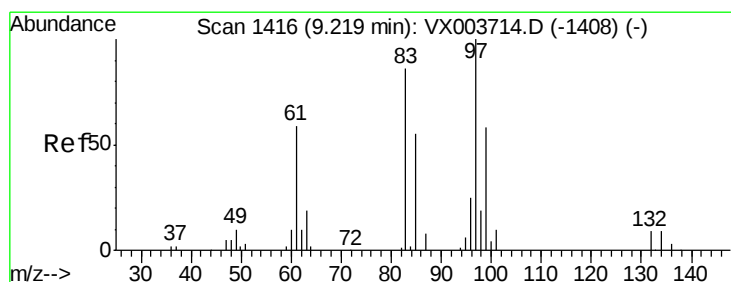
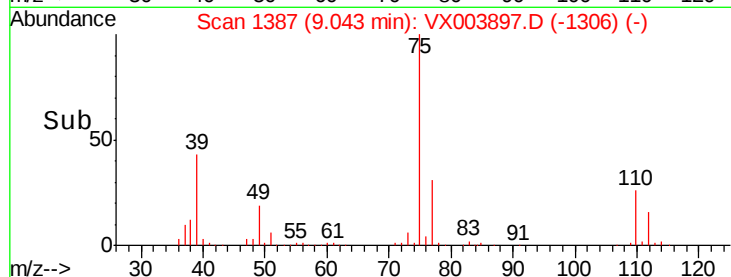
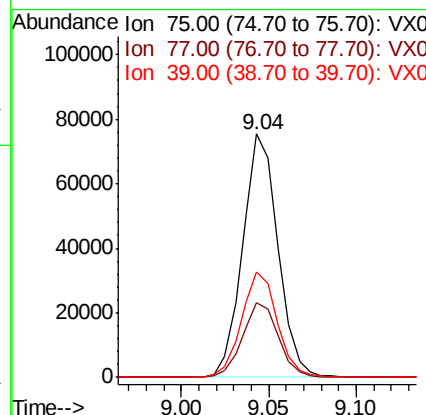
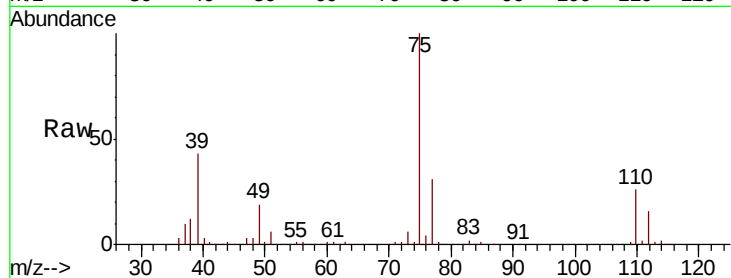
#49
 cis-1,3-Dichloropropene
 Concen: 16.80 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.2
39	43.3	42.3	63.5

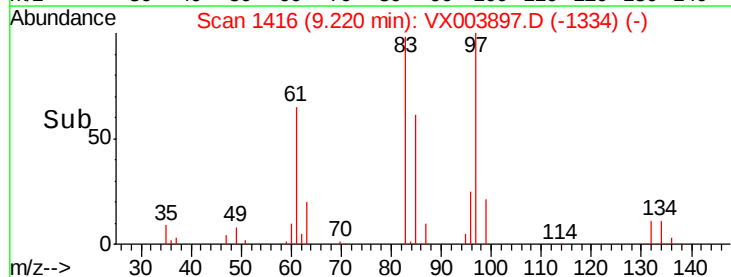
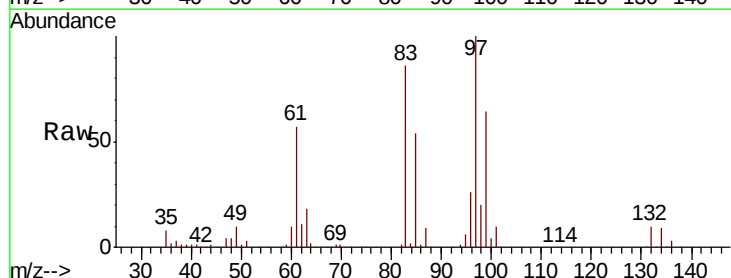
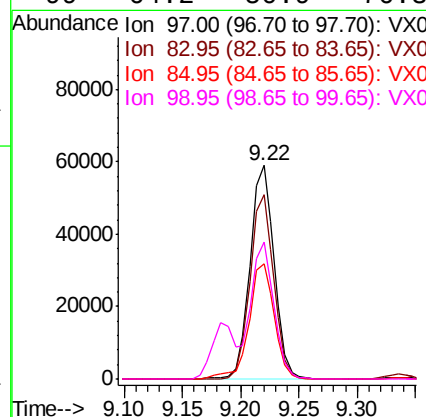
Manual Integrations
 APPROVED

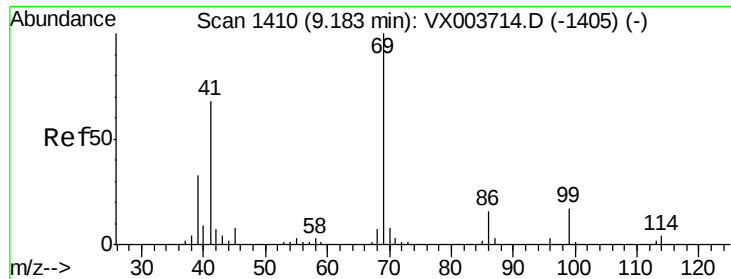
MMDadoda
 8/8/2018 12:02:32 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.8	106.2
85	54.0	43.5	65.3
99	64.2	50.9	76.3





#51

Ethyl methacrylate

Concen: 16.85 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

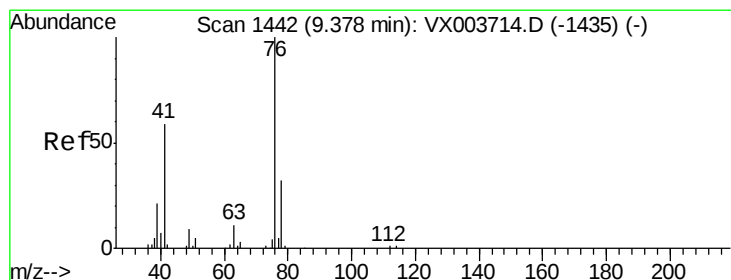
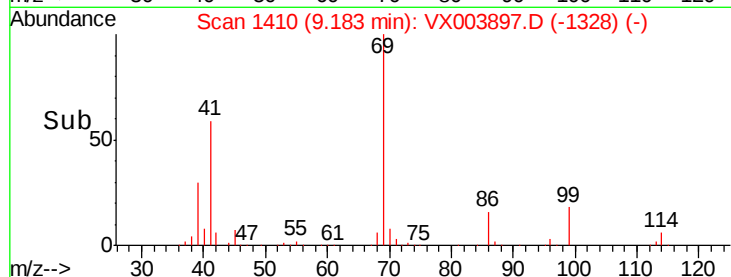
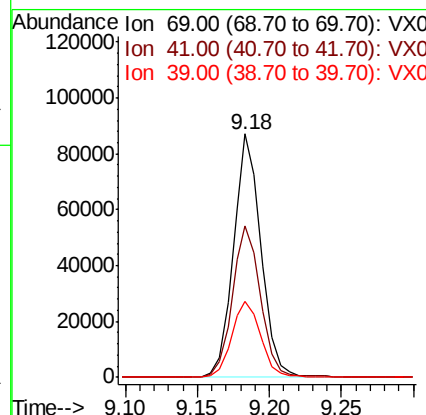
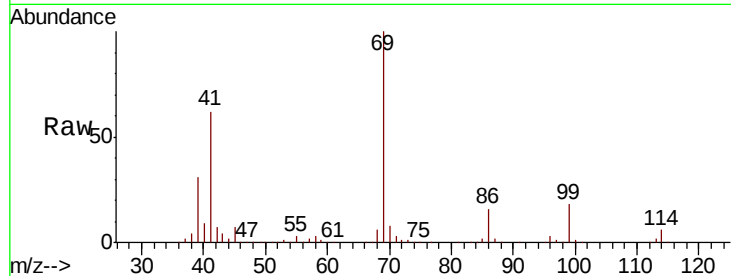
ClientSampleId :

VX0807WBS02

Tot Ion:	69	Resp:	116374
Ion	Ratio	Lower	Upper
69	100		
41	62.0	39.1	117.3
39	31.2	21.7	65.1

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



#52

1,3-Dichloropropane

Concen: 18.85 ug/l

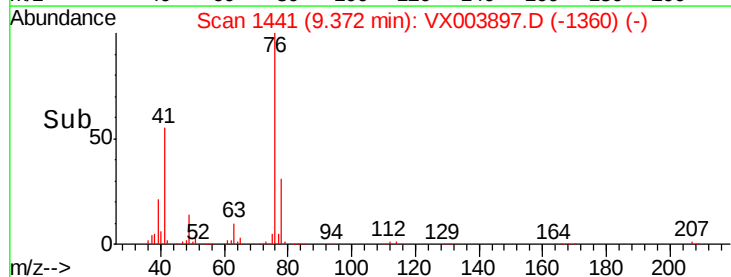
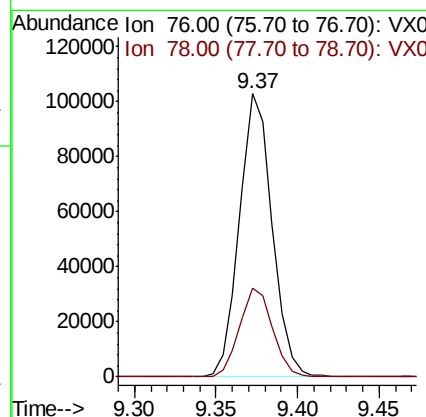
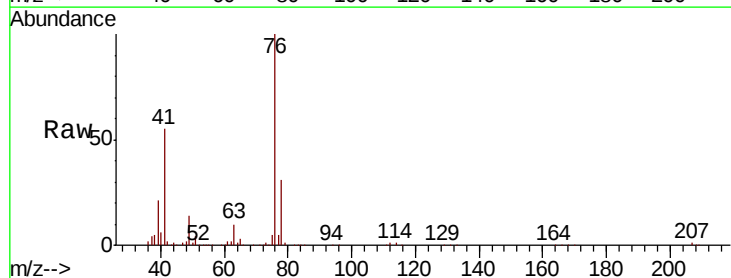
RT: 9.37 min Scan# 1441

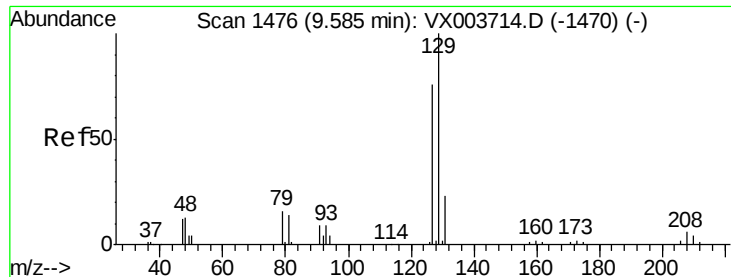
Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Tgt Ion:	76	Resp:	143921
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	63.4





#53

Dibromochloromethane

Concen: 17.62 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS02

Tot Ion:129 Resp: 79411

Ion Ratio Lower Upper

129 100

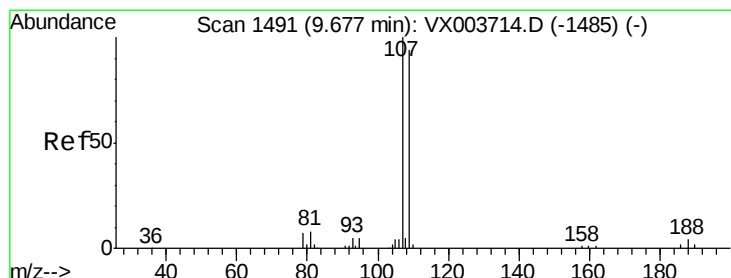
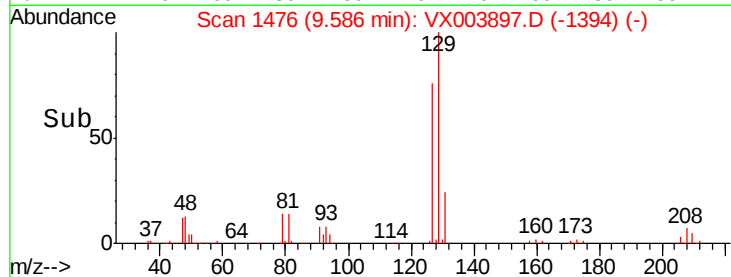
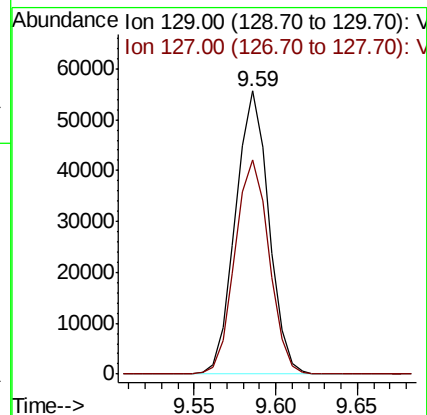
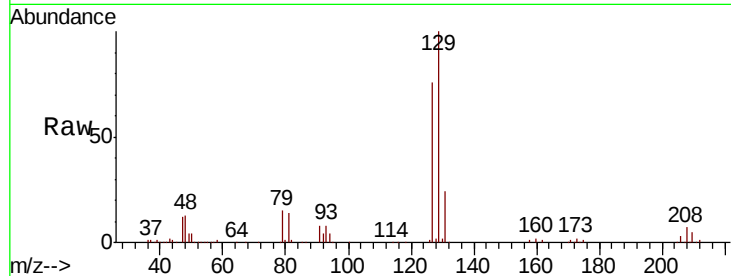
127 77.3 38.5 115.3

Manual Integrations

APPROVED

MMDadoda

8/8/2018 12:02:32 PM



#54

1,2-Dibromoethane

Concen: 18.33 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003897.D

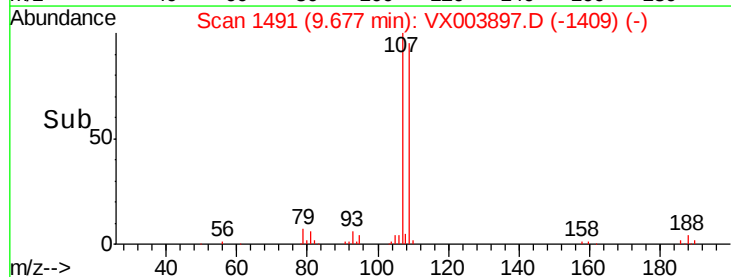
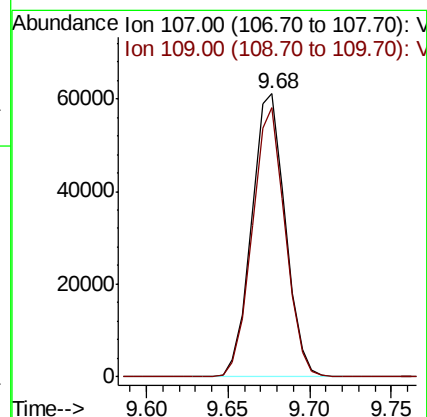
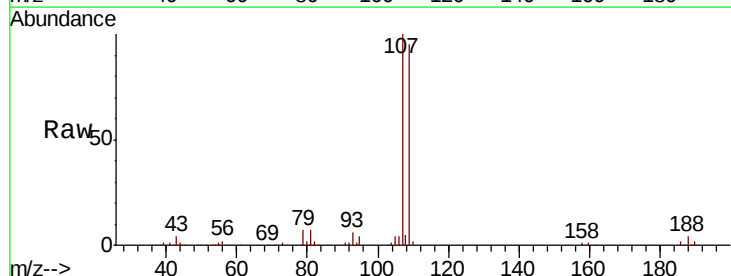
Acq: 07 Aug 2018 23:38

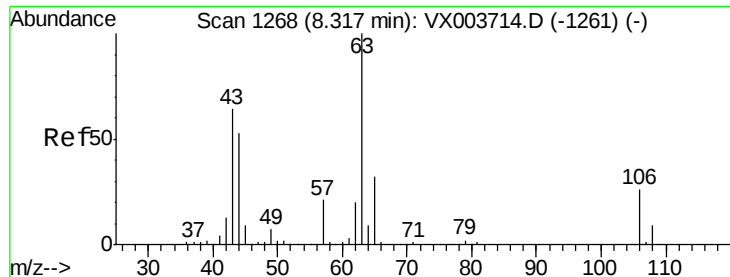
Tgt Ion:107 Resp: 87957

Ion Ratio Lower Upper

107 100

109 93.3 75.5 113.3





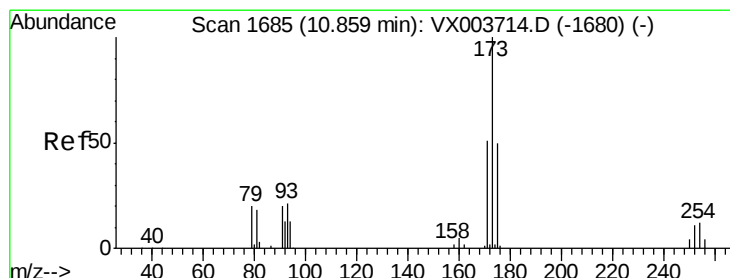
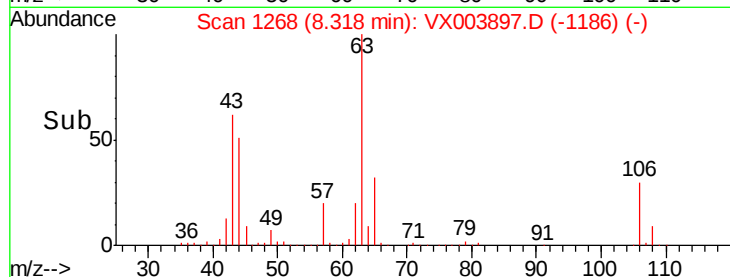
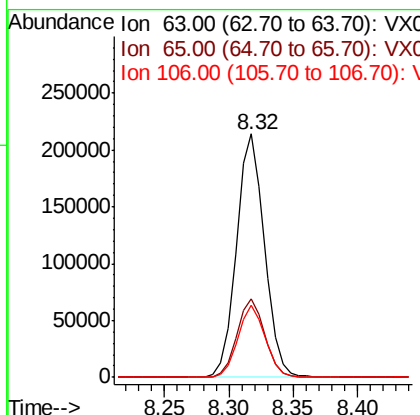
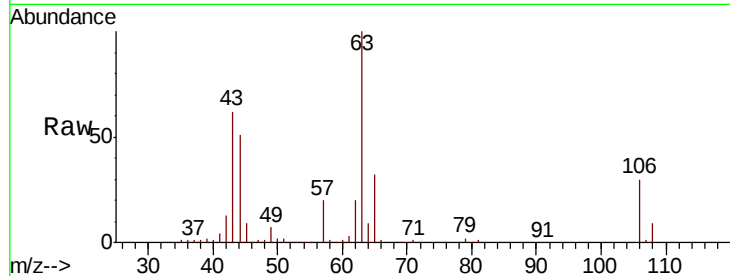
#55
2-Chloroethyl vinyl ether
Concen: 90.27 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.6	38.4
106	29.1	21.6	32.4

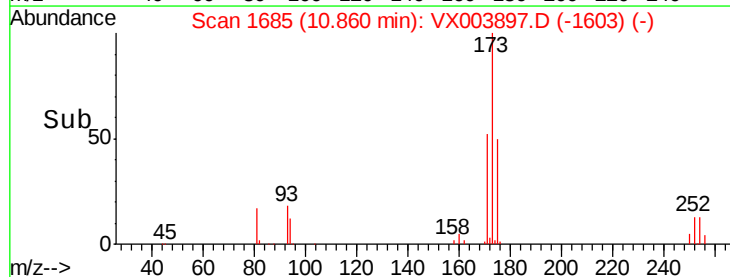
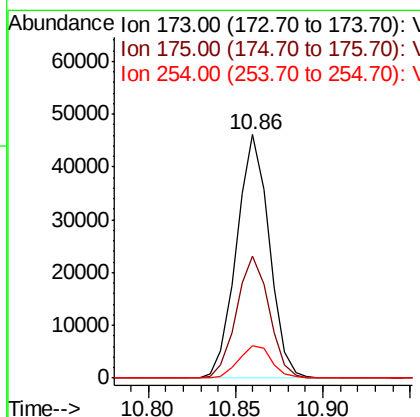
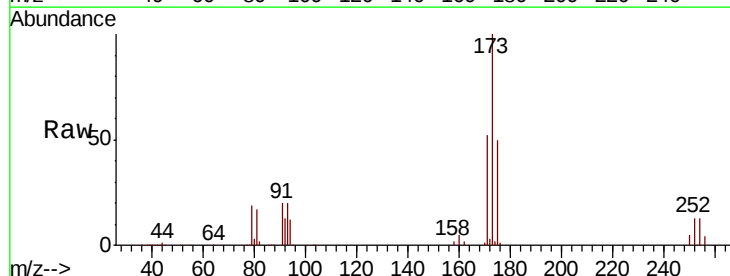
Manual Integrations
APPROVED

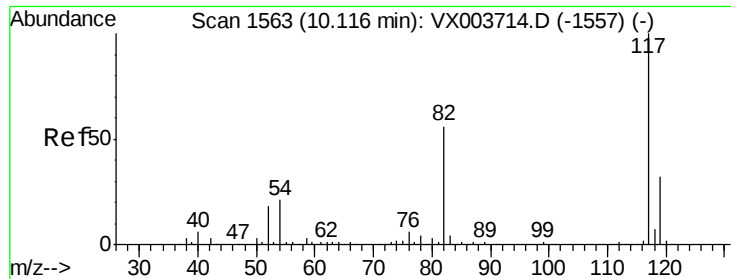
MMDadoda
8/8/2018 12:02:32 PM



#56
Bromoform
Concen: 17.17 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	39.0	58.4
254	13.4	9.6	14.4





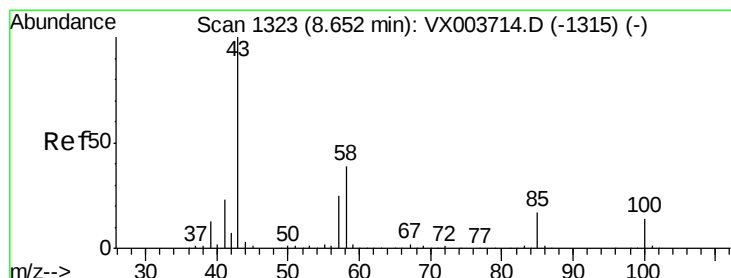
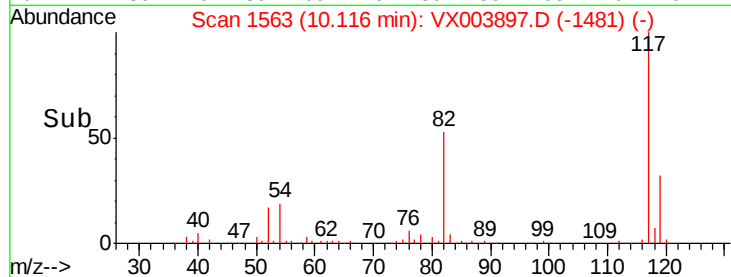
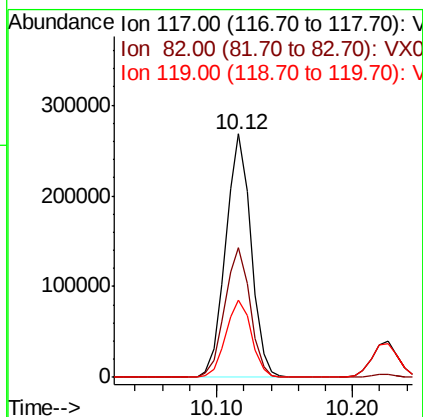
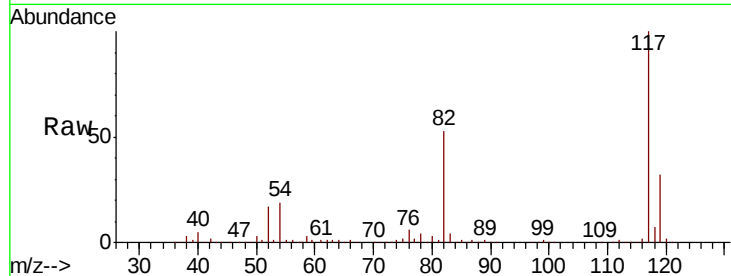
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	32.0	25.7	38.5

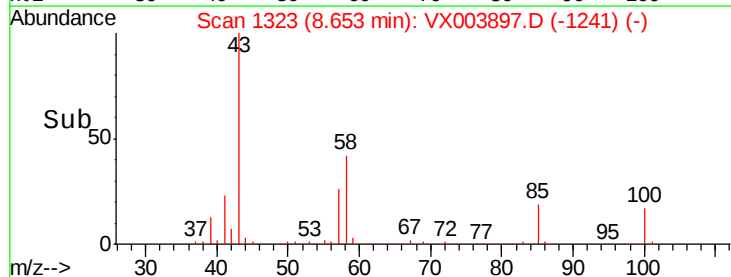
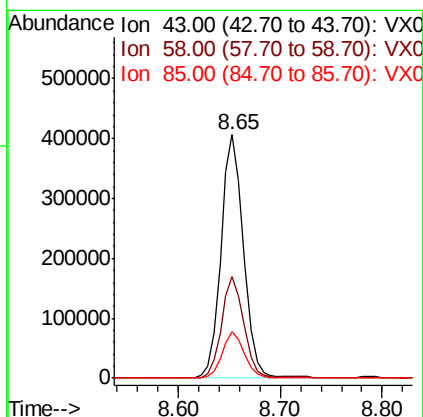
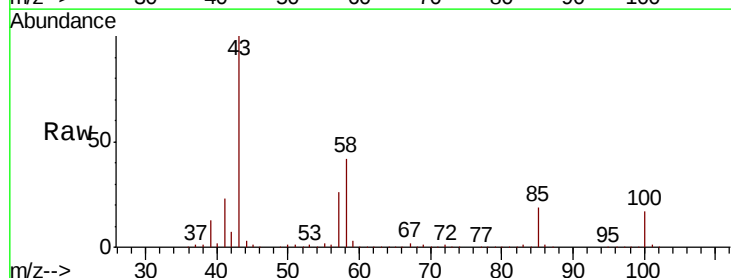
Manual Integrations
APPROVED

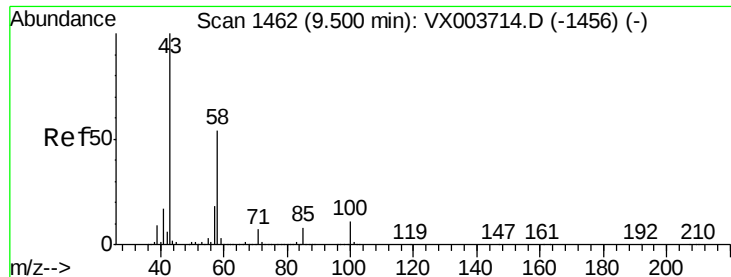
MMDadoda
8/8/2018 12:02:32 PM



#58
4-Methyl-2-Pentanone
Concen: 95.16 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.1	28.2	42.4
85	18.6	12.4	18.6





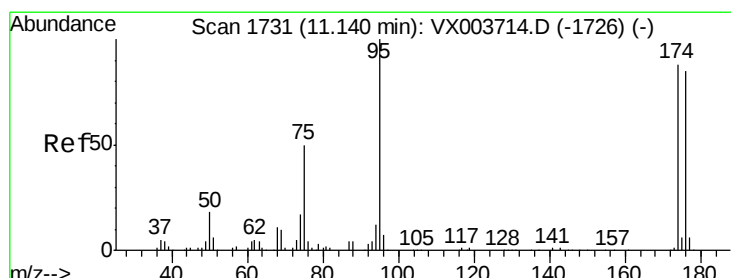
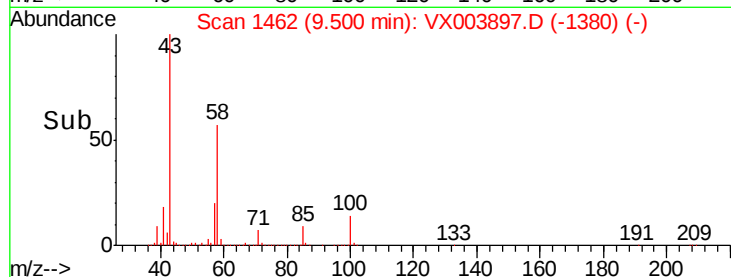
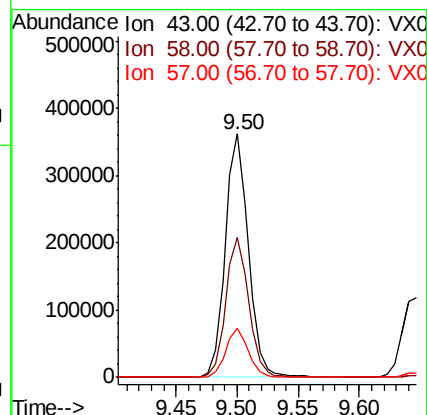
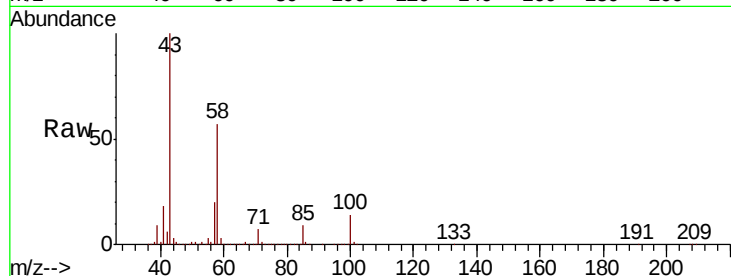
#59
2-Hexanone
Concen: 91.35 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.4	39.6	59.4
57	19.6	14.1	21.1

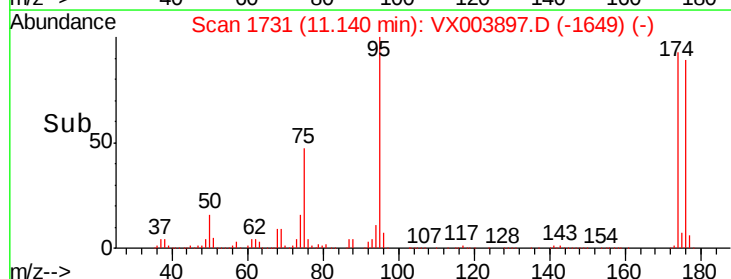
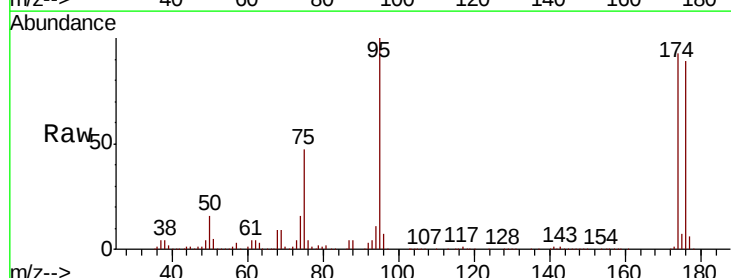
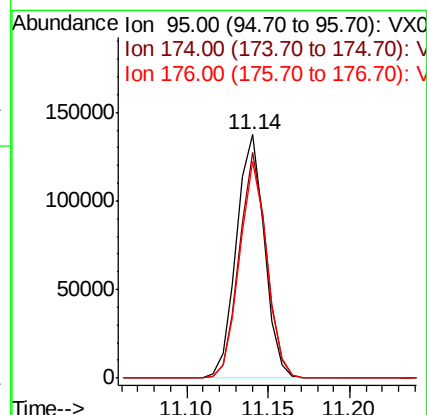
Manual Integrations
APPROVED

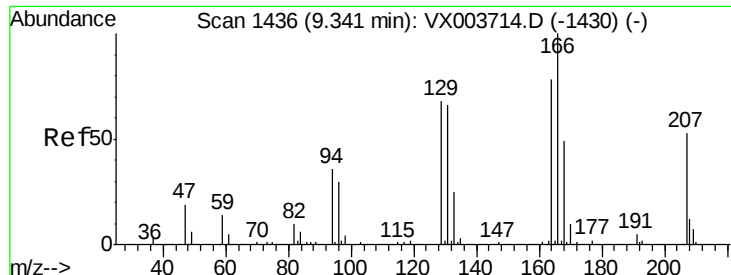
MMDadoda
8/8/2018 12:02:32 PM



#60
4-Bromofluorobenzene
Concen: 29.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.6	71.8	107.6
176	87.6	70.1	105.1





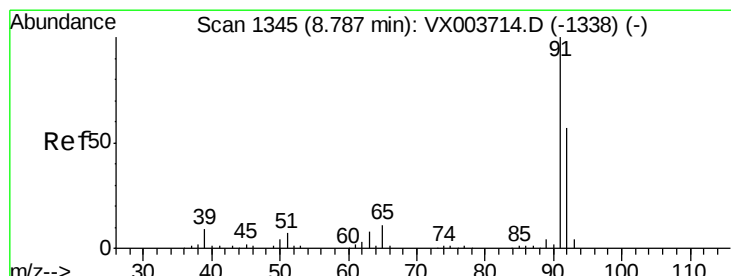
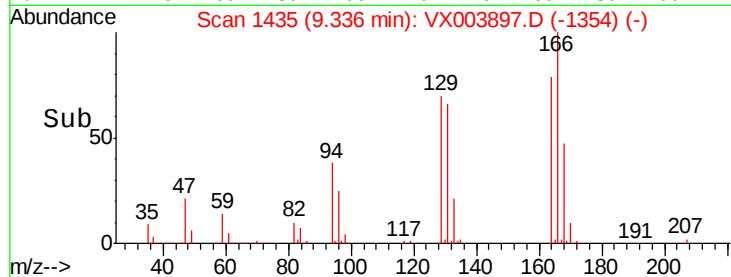
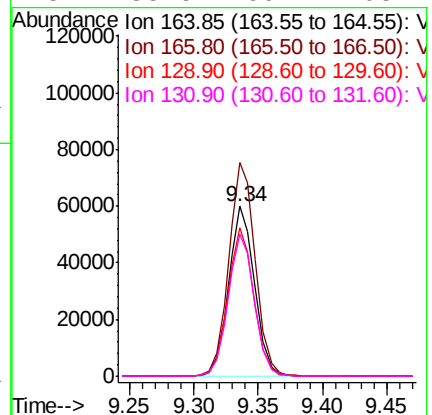
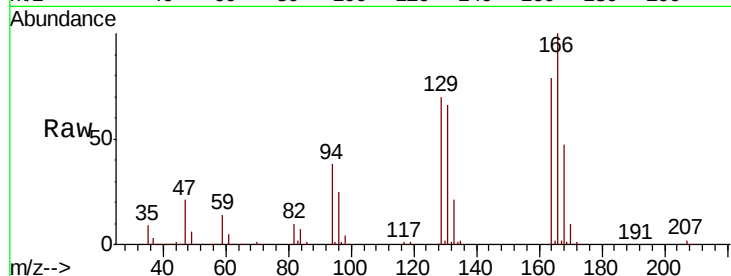
#61
 Tetrachloroethene
 Concen: 20.93 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion:	164	Resp:	84354
Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.4	153.6
129	87.7	70.1	105.1
131	83.5	69.1	103.7

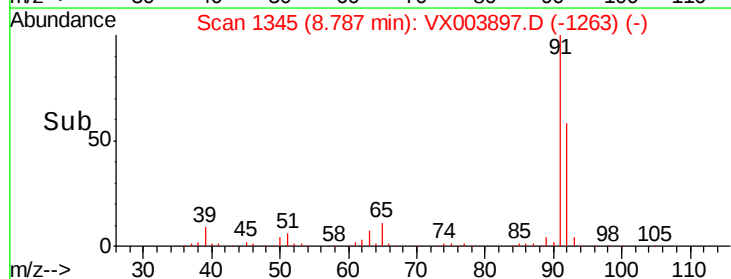
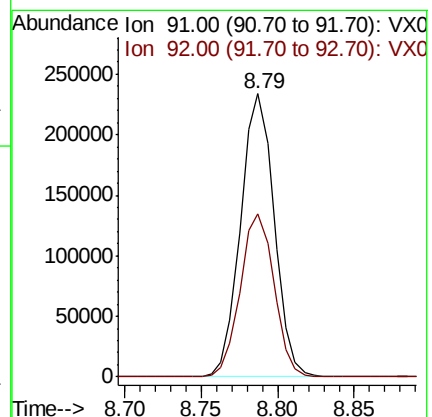
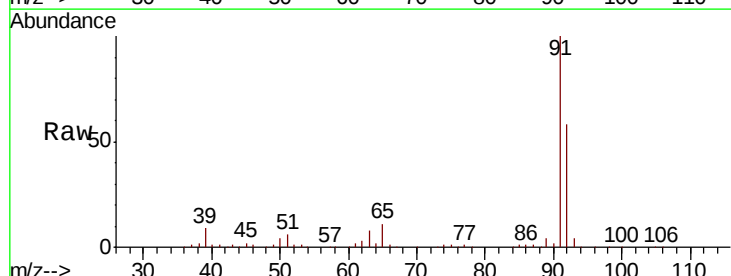
Manual Integrations
 APPROVED

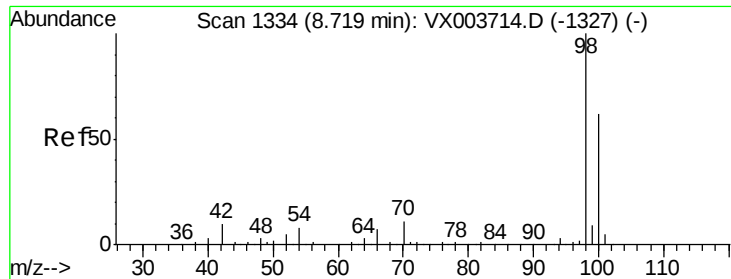
MMDadoda
 8/8/2018 12:02:32 PM



#62
 Toluene
 Concen: 19.87 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion:	91	Resp:	357178
Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.5	69.7





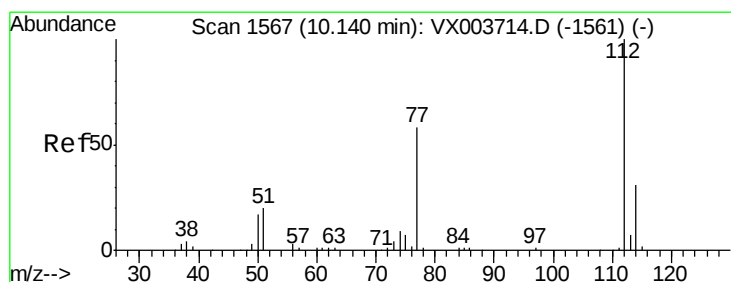
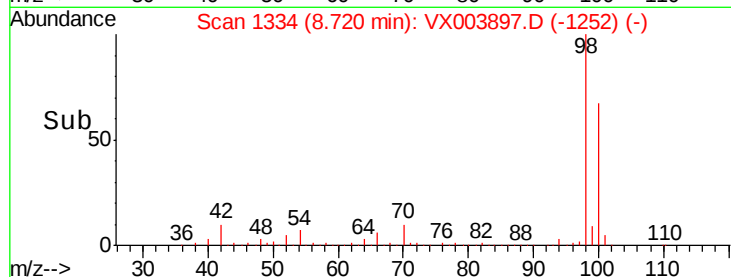
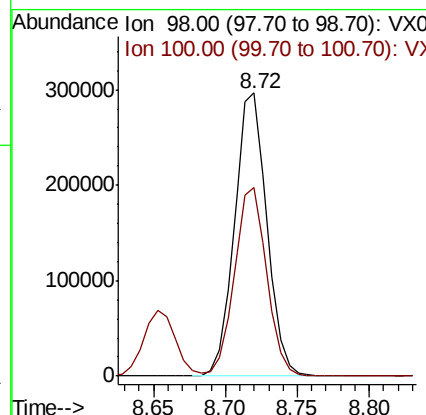
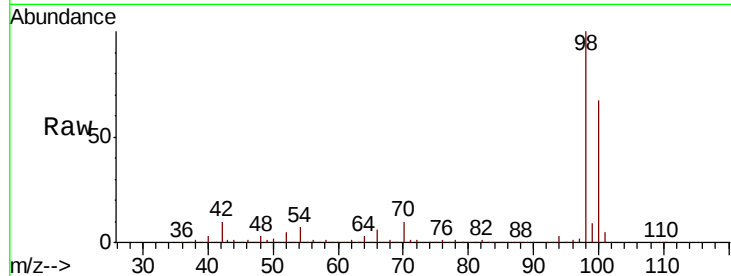
#63
Toluene-d8
Concen: 29.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion: 98 Resp: 463441
Ion Ratio Lower Upper
98 100
100 66.4 50.8 76.2

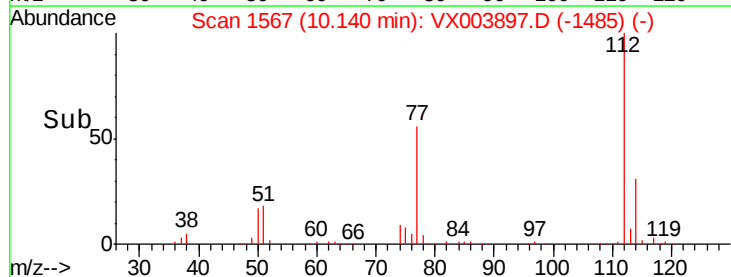
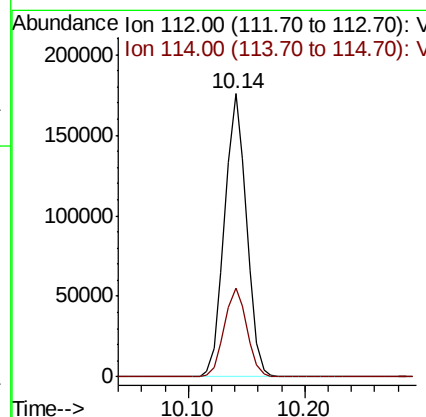
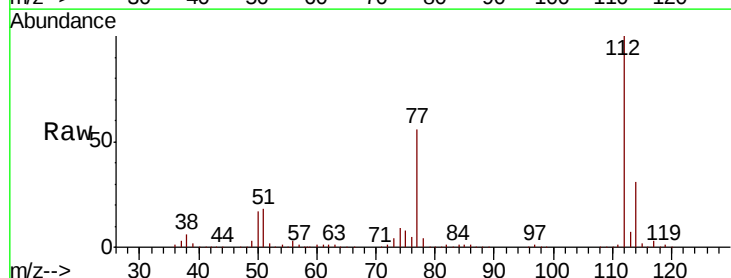
Manual Integrations
APPROVED

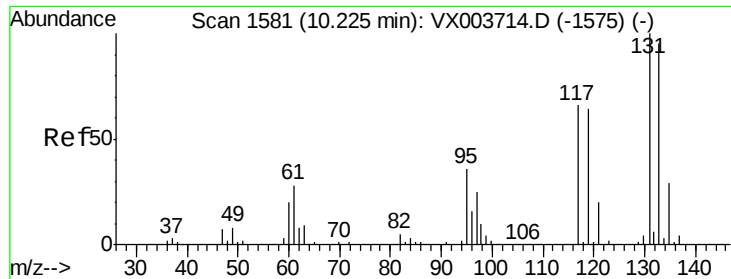
MMDadoda
8/8/2018 12:02:32 PM



#64
Chlorobenzene
Concen: 19.74 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 112 Resp: 229285
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.86 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

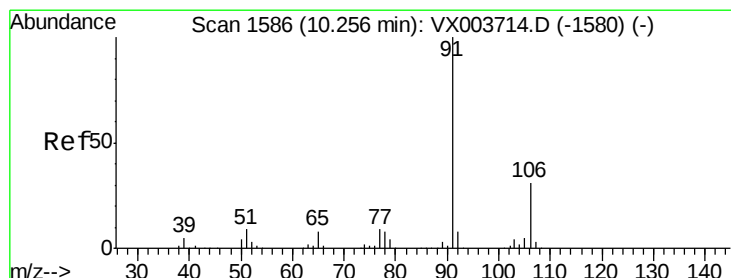
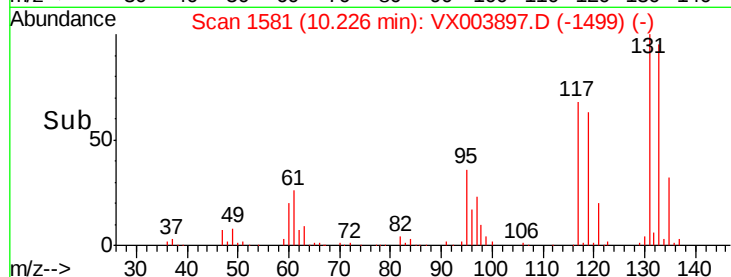
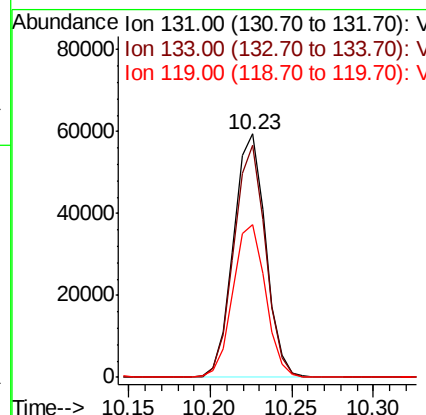
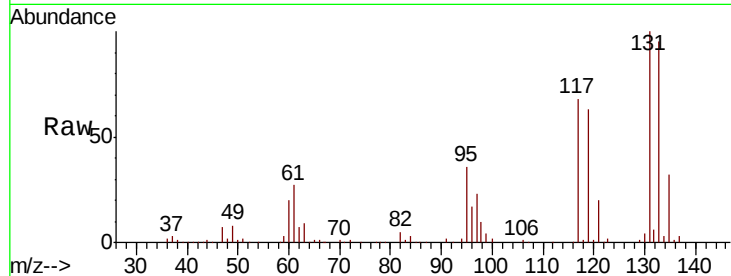
ClientSampleId :

VX0807WBS02

Tot Ion:	131	Resp:	81622
Ion Ratio	Lower	Upper	
131	100		
133	93.7	0.0	191.2
119	63.9	0.0	125.4

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



#66

Ethyl Benzene

Concen: 19.10 ug/l

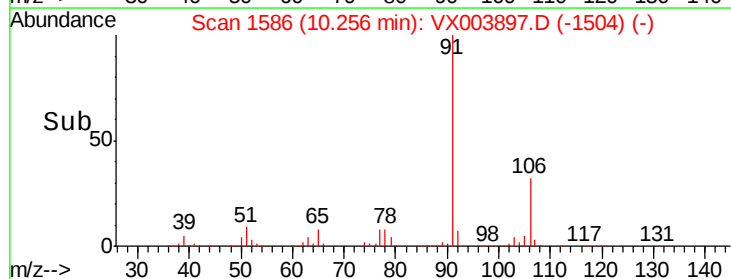
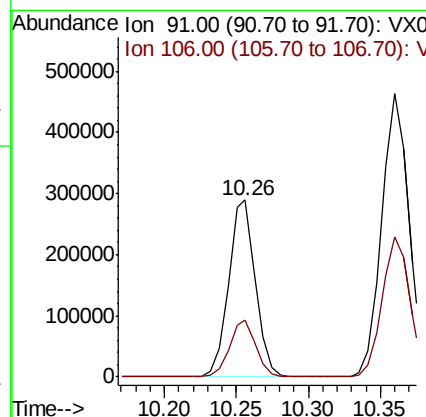
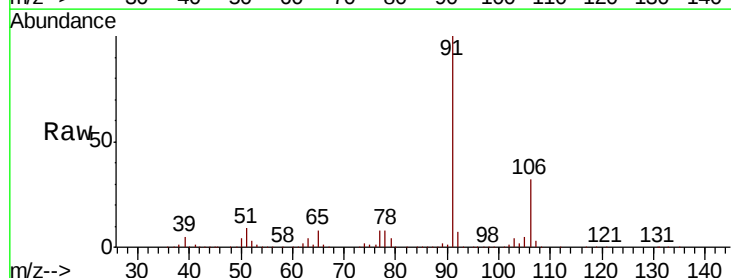
RT: 10.26 min Scan# 1586

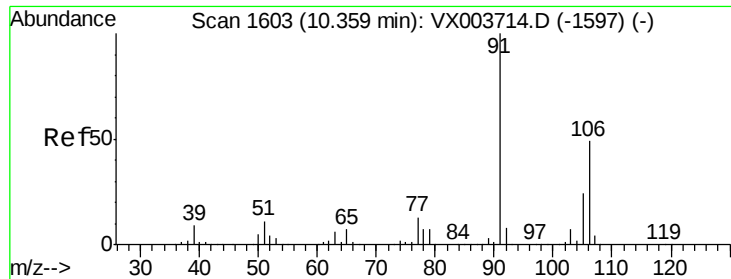
Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Tgt Ion:	91	Resp:	377796
Ion Ratio	Lower	Upper	
91	100		
106	32.2	25.2	37.8





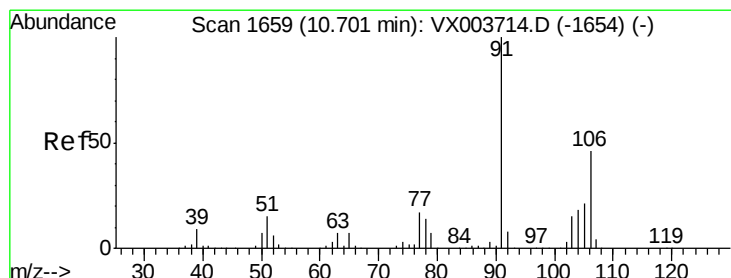
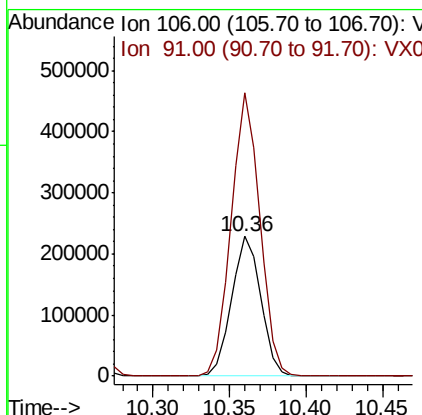
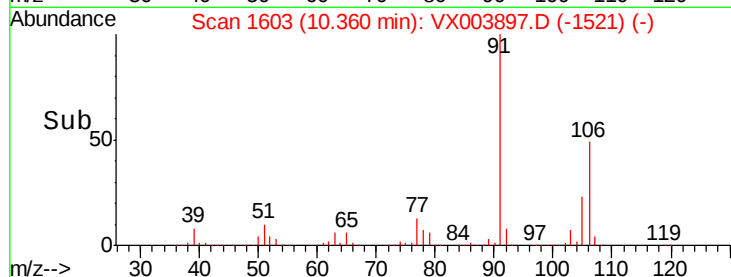
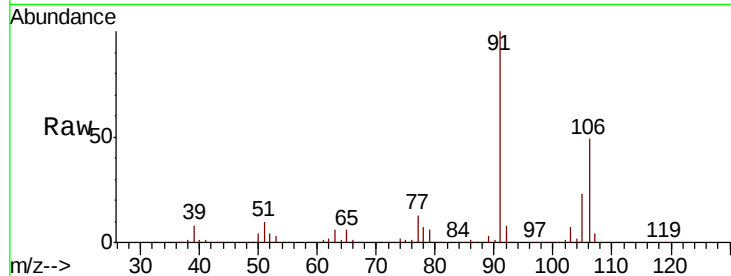
#67
m/p-Xvlenes
Concen: 39.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS02

Tot Ion:106 Resp: 302341
Ion Ratio Lower Upper
106 100
91 199.0 164.1 246.1

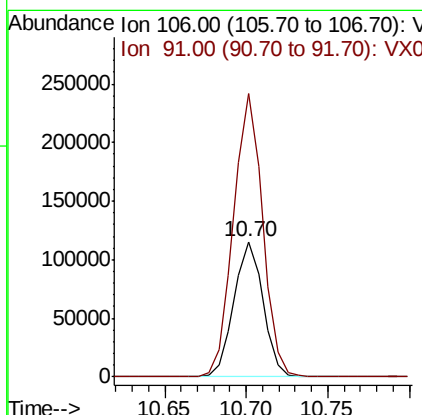
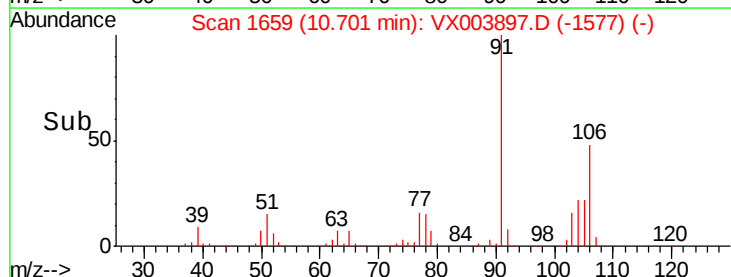
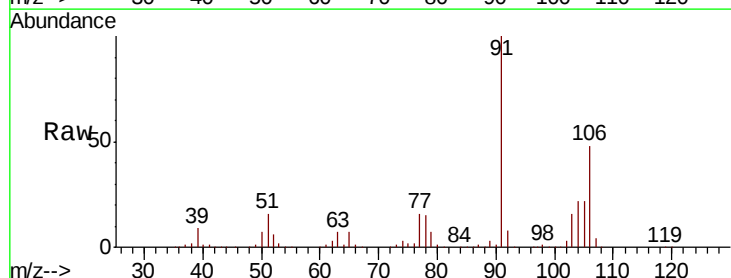
Manual Integrations
APPROVED

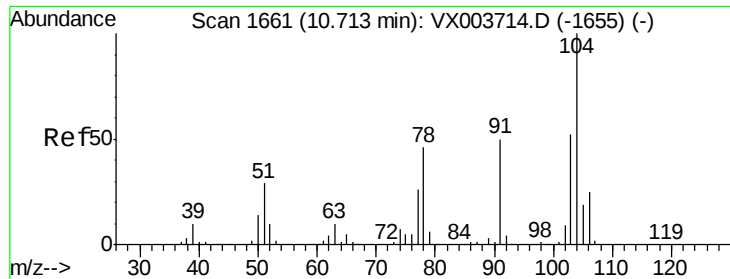
MMDadoda
8/8/2018 12:02:32 PM



#68
o-Xylene
Concen: 19.78 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion:106 Resp: 144167
Ion Ratio Lower Upper
106 100
91 208.4 109.1 327.3





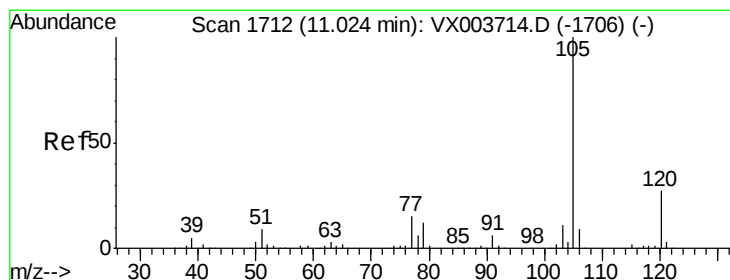
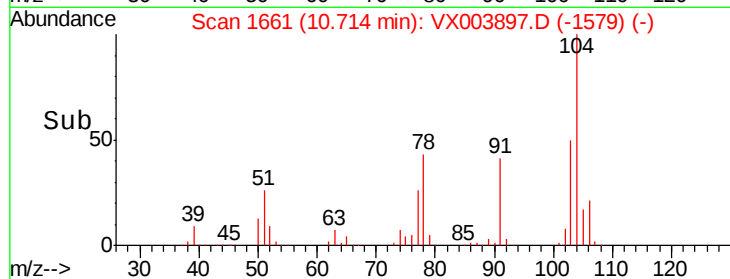
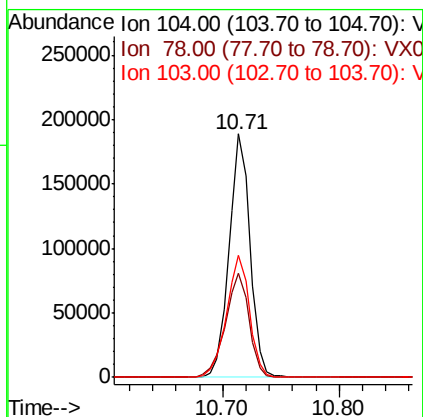
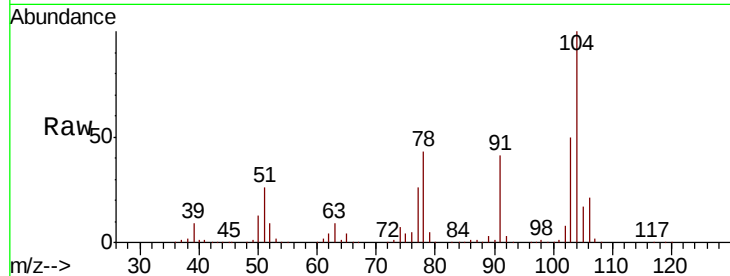
#69
Stvrene
Concen: 19.15 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	41.8	62.8
103	54.6	44.9	67.3

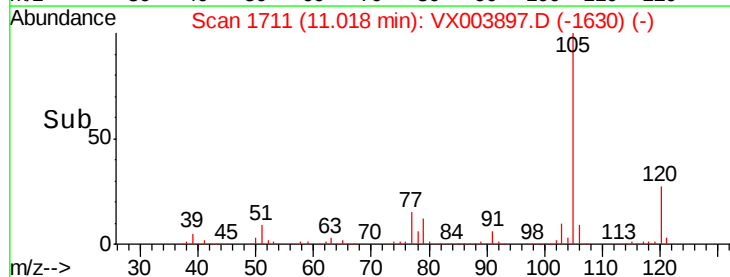
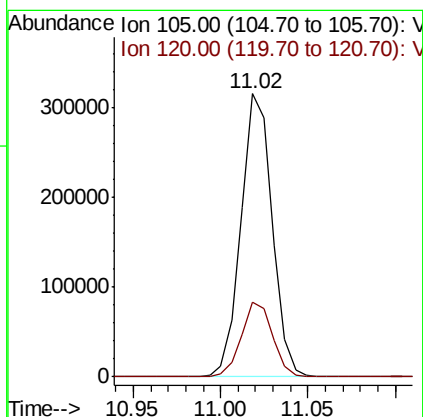
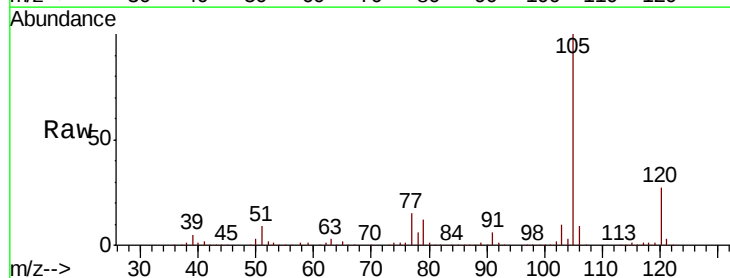
Manual Integrations
APPROVED

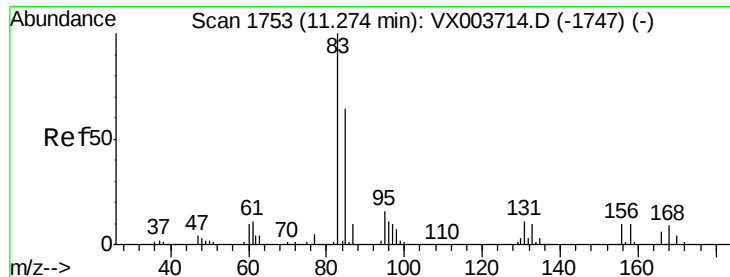
MMDadoda
8/8/2018 12:02:32 PM



#70
Isopropylbenzene
Concen: 19.42 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.0	35.2





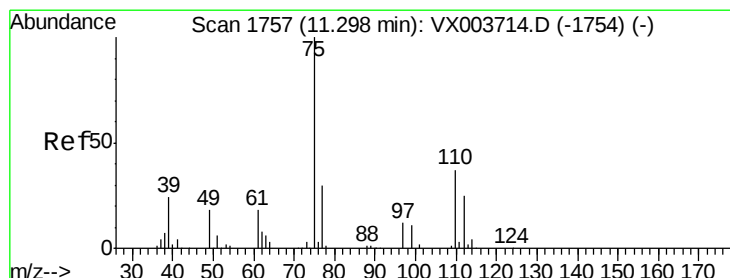
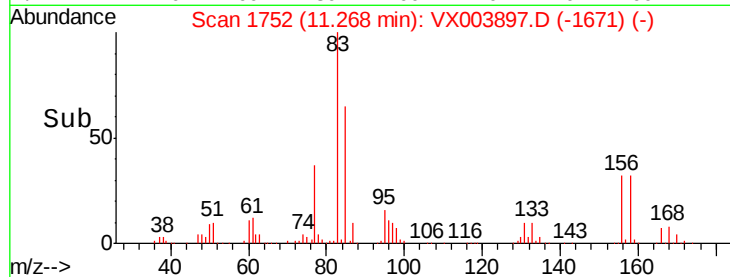
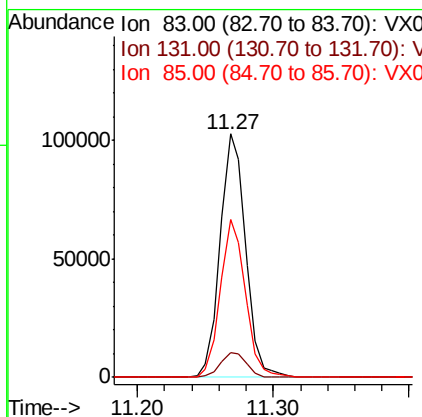
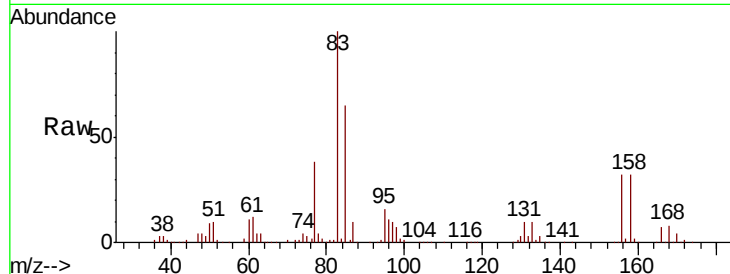
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.69 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.2	5.4	16.2	
85	63.8	32.4	97.2	

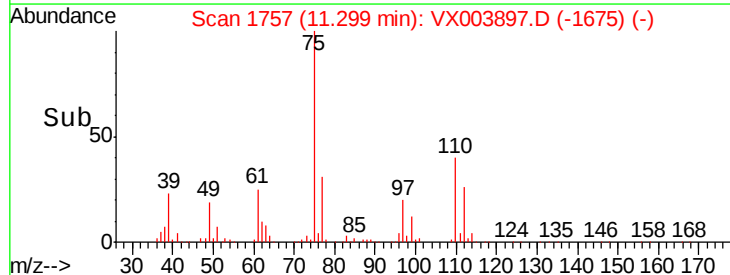
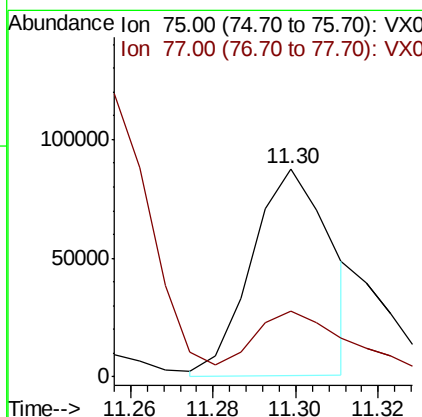
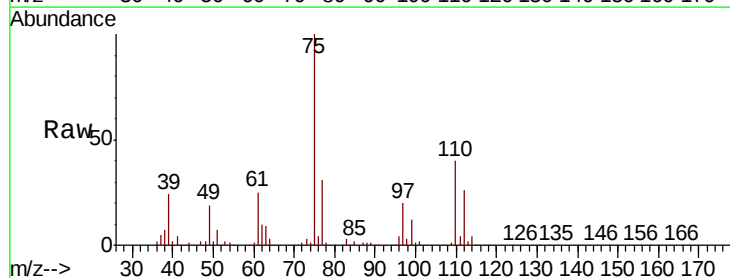
Manual Integrations
 APPROVED

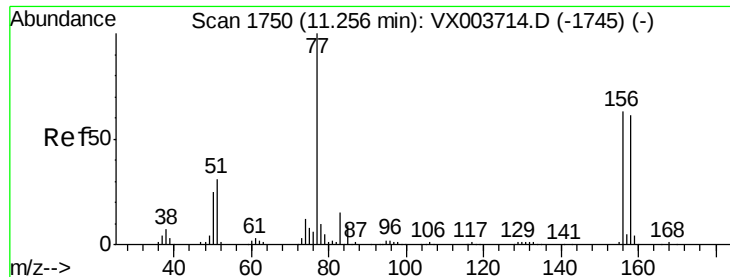
MMDadoda
 8/8/2018 12:02:32 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.46 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	39.9	0.0	71.8	





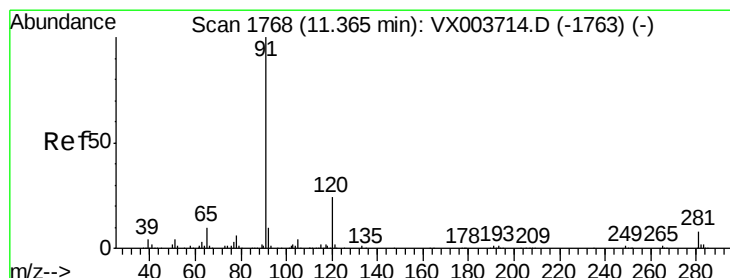
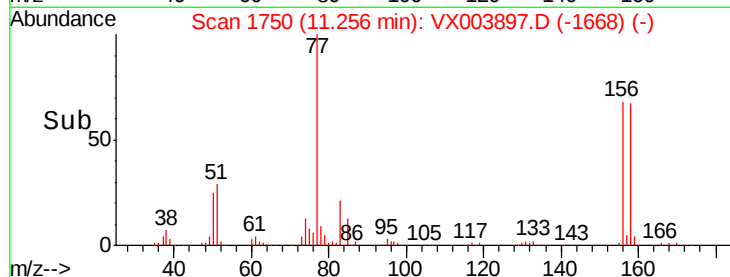
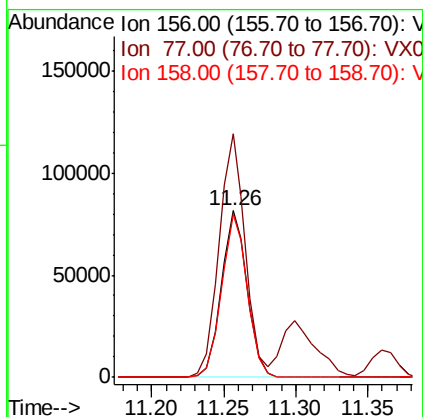
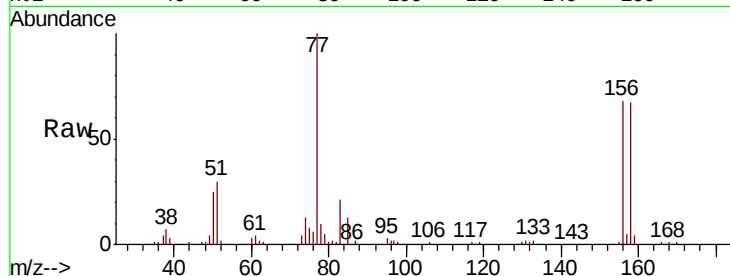
#73
Bromobenzene
Concen: 18.95 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.7	0.0	301.0
158	97.3	0.0	196.2

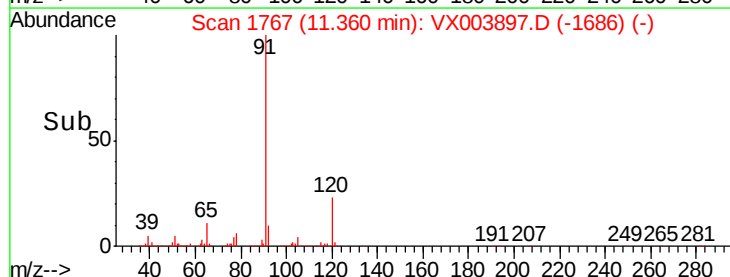
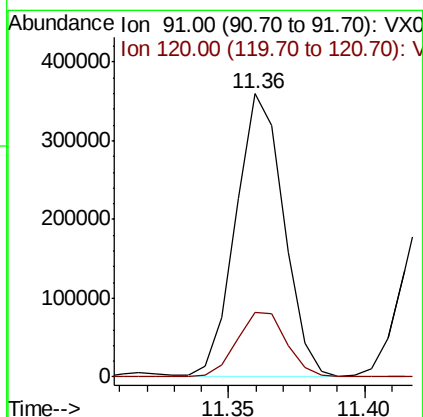
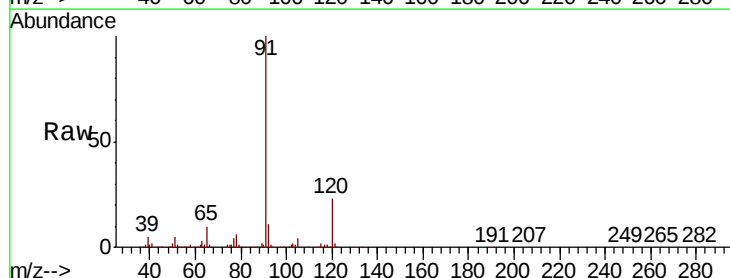
Manual Integrations
APPROVED

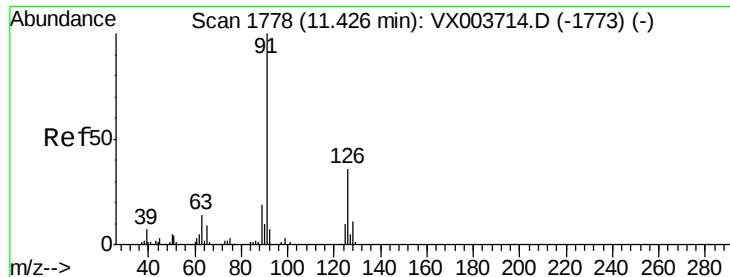
MMDadoda
8/8/2018 12:02:32 PM



#74
n-propylbenzene
Concen: 18.64 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.21 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

Tot Ion: 91 Resp: 267695

Ion Ratio Lower Upper

91 100

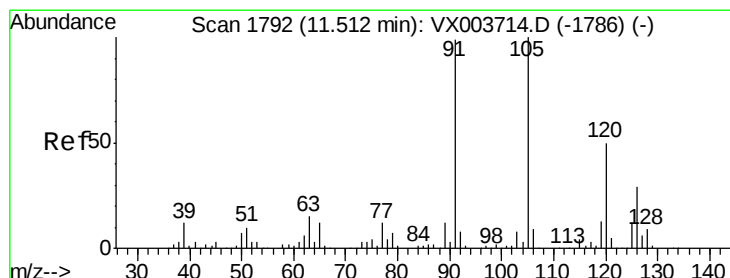
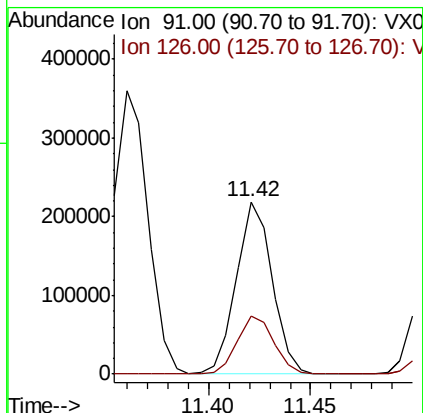
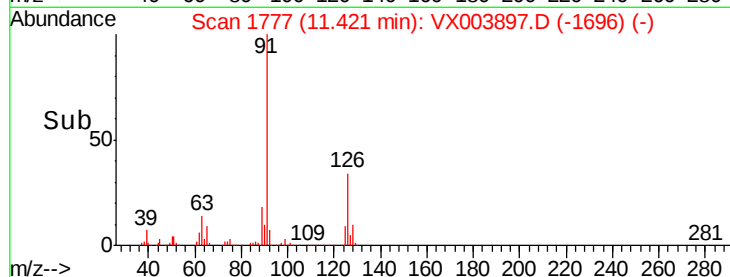
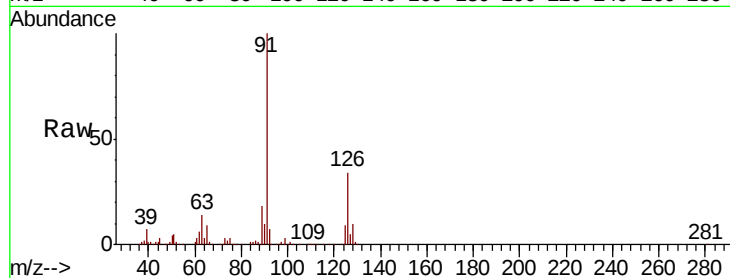
126 34.5 0.0 69.4

Manual Integrations

APPROVED

MMDadoda

8/8/2018 12:02:32 PM



#76

1,3,5-Trimethylbenzene

Concen: 18.54 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003897.D

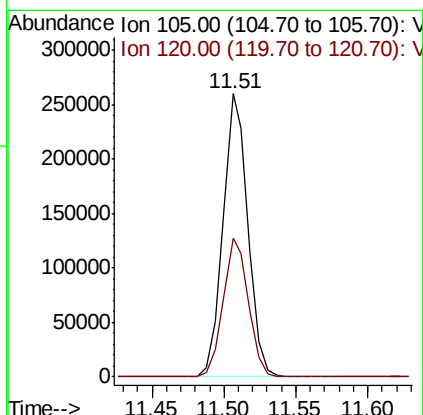
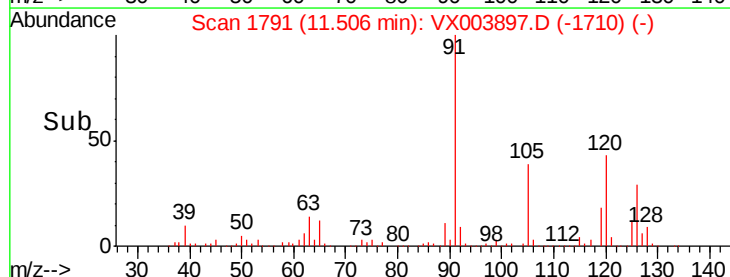
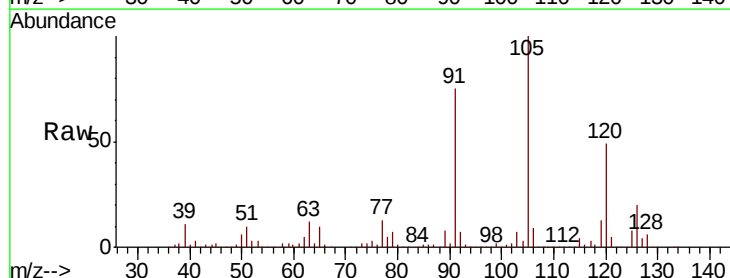
Acq: 07 Aug 2018 23:38

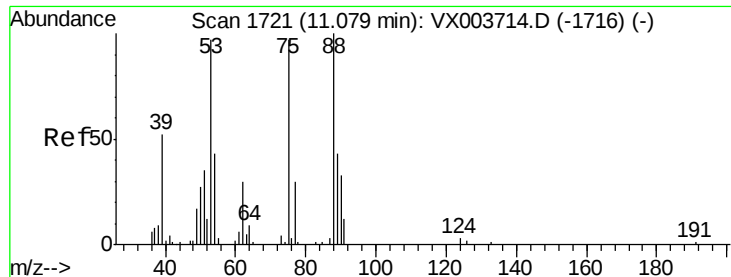
Tgt Ion: 105 Resp: 315640

Ion Ratio Lower Upper

105 100

120 49.9 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 15.57 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

Tot Ion: 75 Resp: 31610

Ion Ratio Lower Upper

75 100

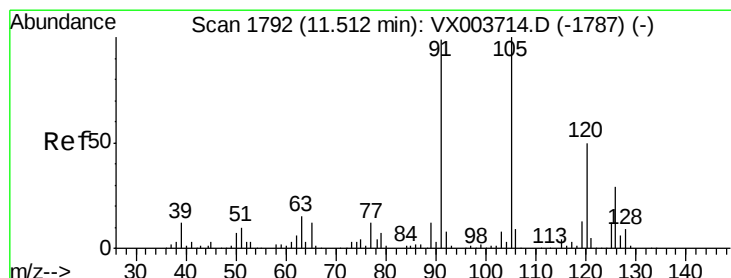
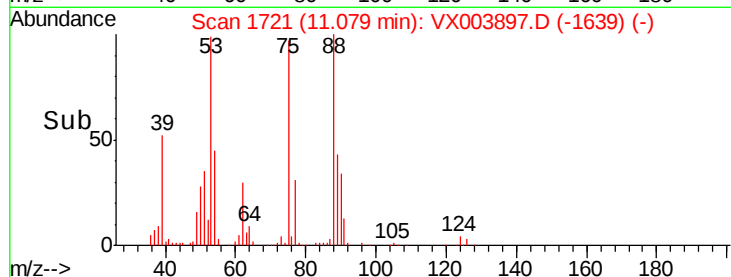
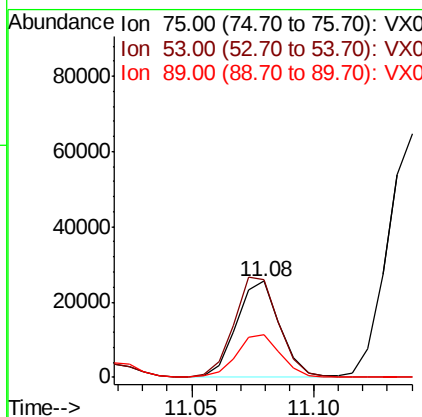
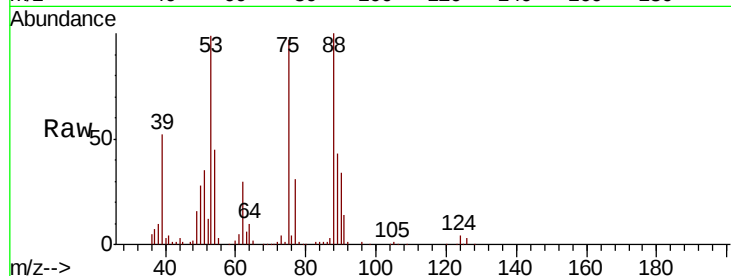
53 101.5 48.3 144.9

89 44.2 21.8 65.4

Manual Integrations
APPROVED

MMDadoda

8/8/2018 12:02:32 PM



#78

4-Chlorotoluene

Concen: 18.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003897.D

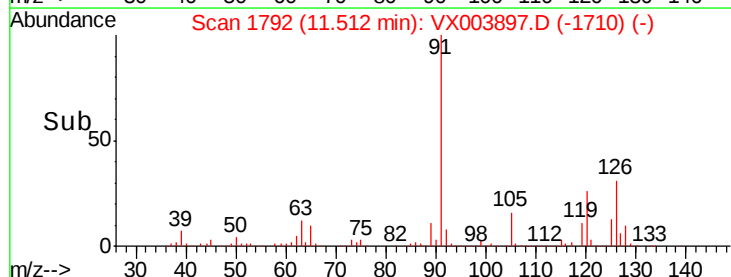
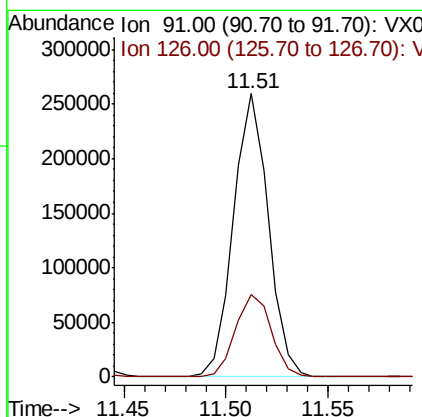
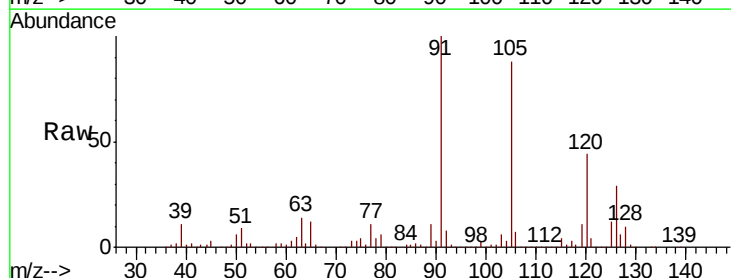
Acq: 07 Aug 2018 23:38

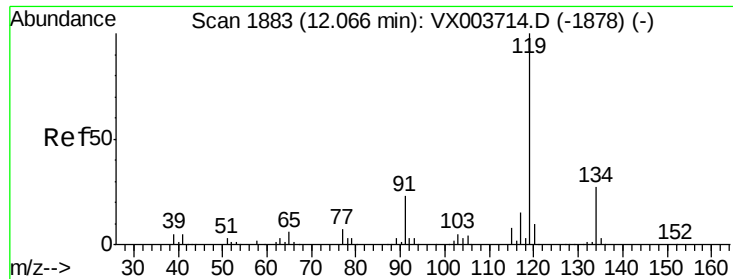
Tgt Ion: 91 Resp: 307089

Ion Ratio Lower Upper

91 100

126 30.1 0.0 61.0





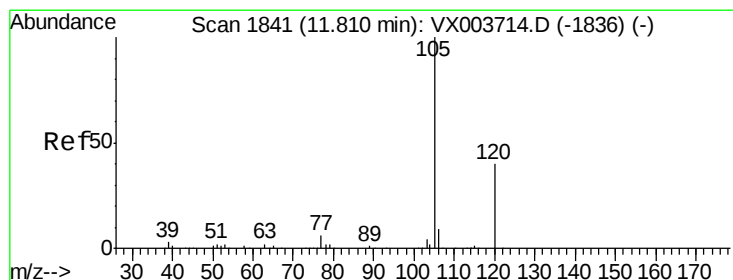
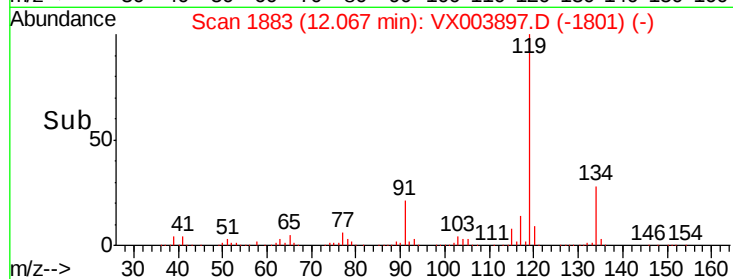
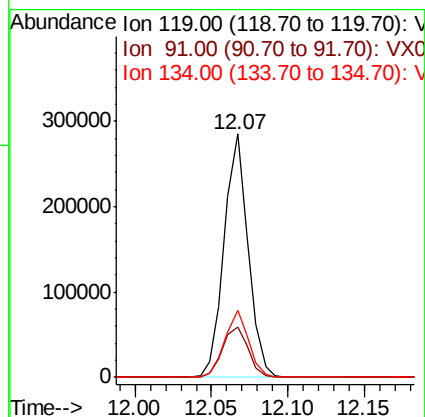
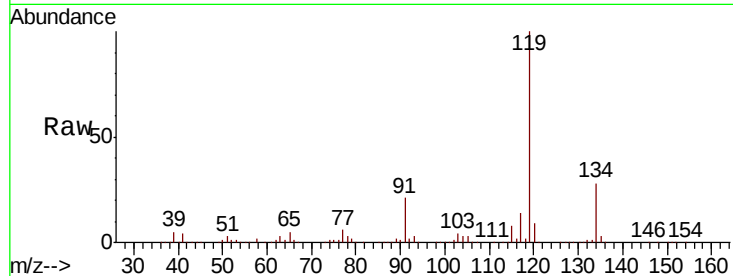
#79
tert-butylbenzene
Concen: 17.71 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	310226		
91	22.4	0.0	48.0	
134	27.3	0.0	52.6	

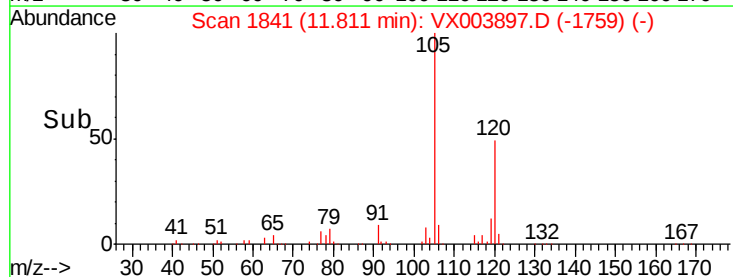
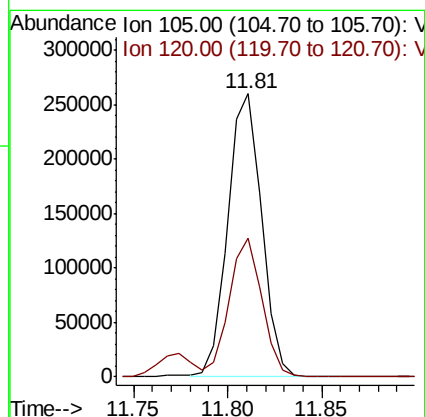
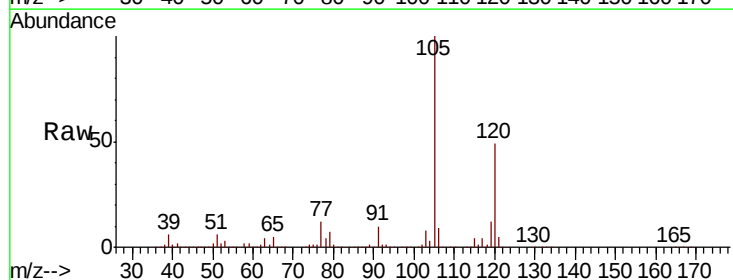
Manual Integrations
APPROVED

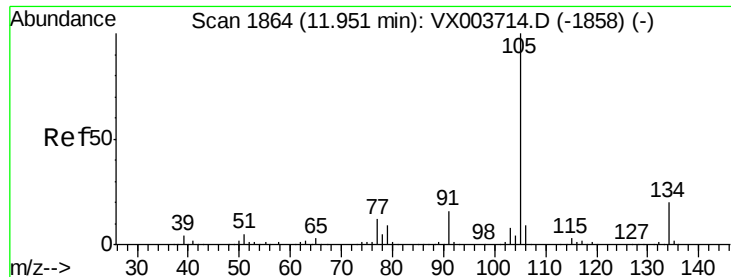
MMDadoda
8/8/2018 12:02:32 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.64 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	324896		
120	47.4	0.0	89.2	





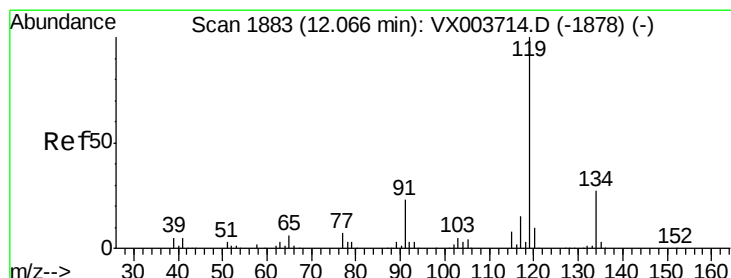
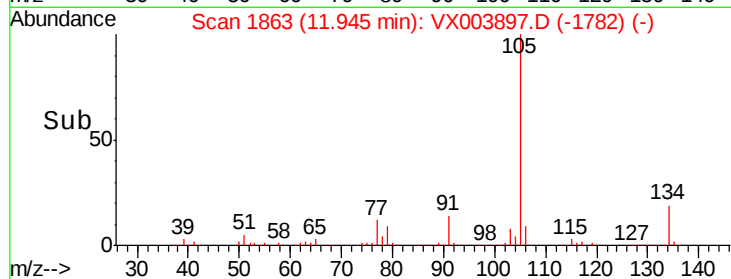
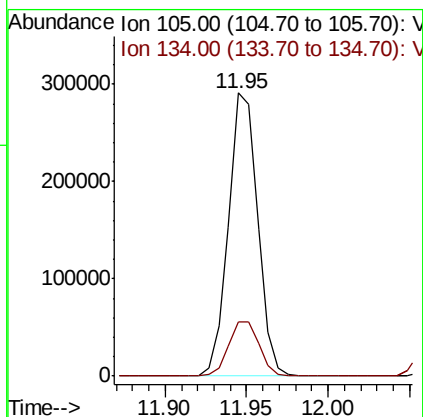
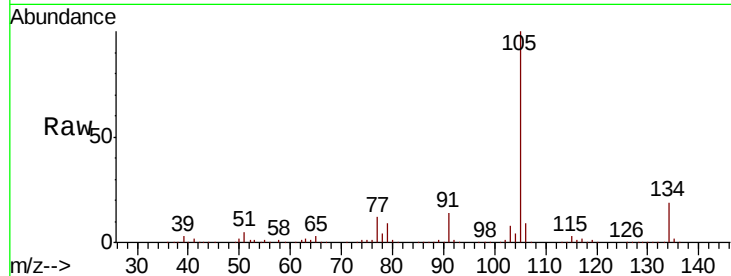
#81
 sec-Butylbenzene
 Concen: 18.27 ug/l
 RT: 11.95 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion:105 Resp: 362374
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.6

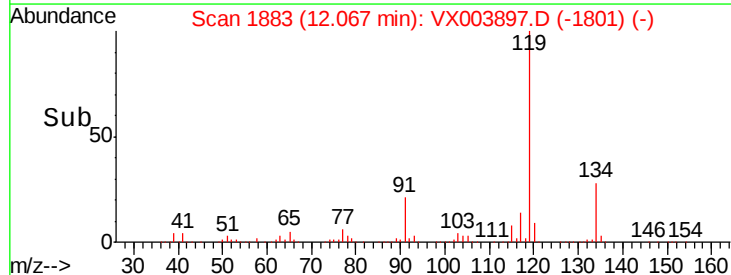
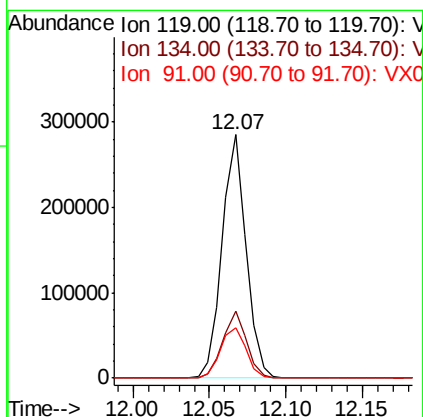
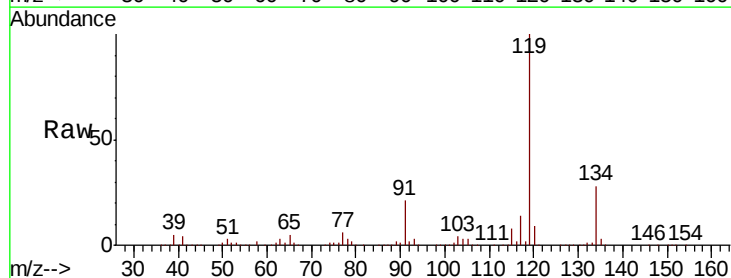
Manual Integrations
 APPROVED

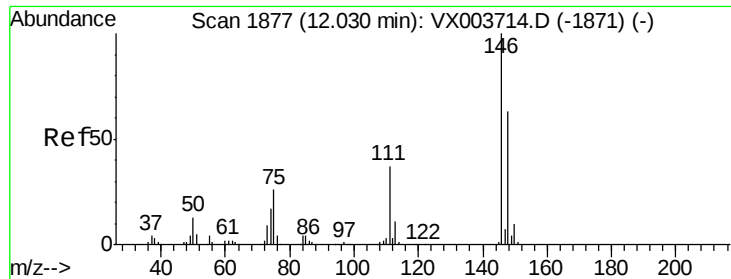
MMDadoda
 8/8/2018 12:02:32 PM



#82
 p-Isopropyltoluene
 Concen: 17.71 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion:119 Resp: 310226
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 52.6
 91 22.4 0.0 48.0





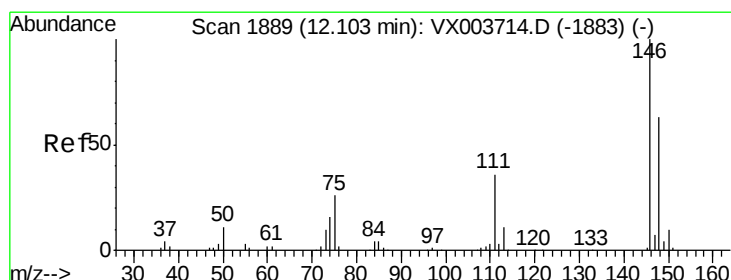
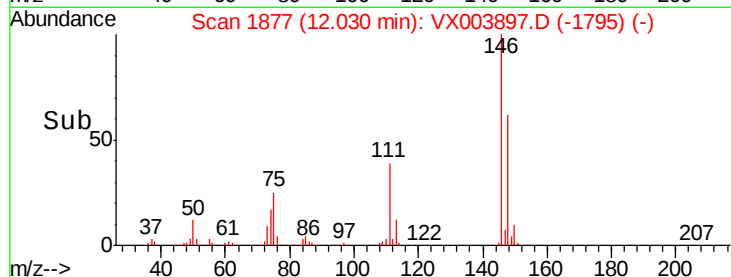
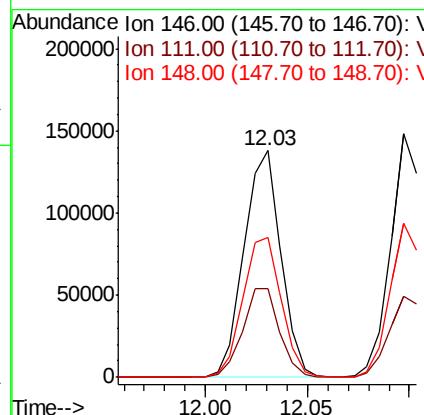
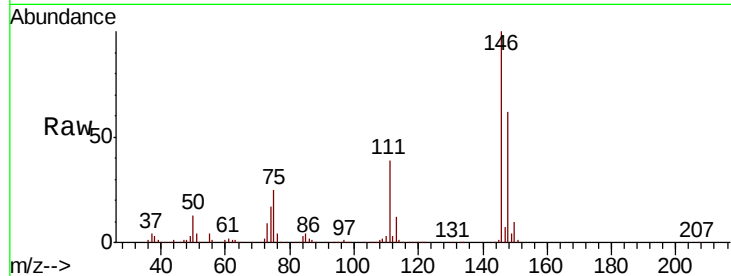
#83
 1,3-Dichlorobenzene
 Concen: 17.58 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	64.0	31.9	95.7

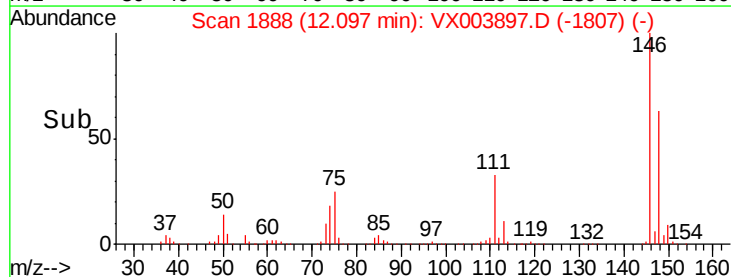
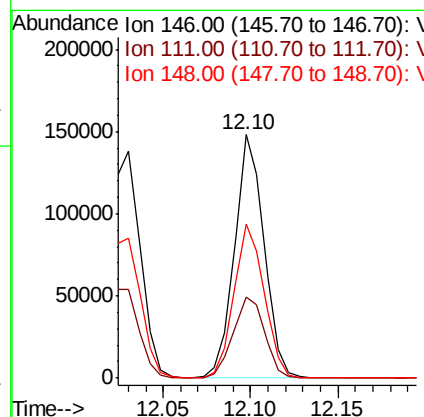
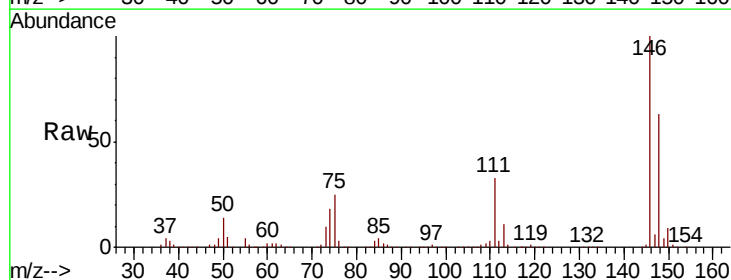
Manual Integrations
 APPROVED

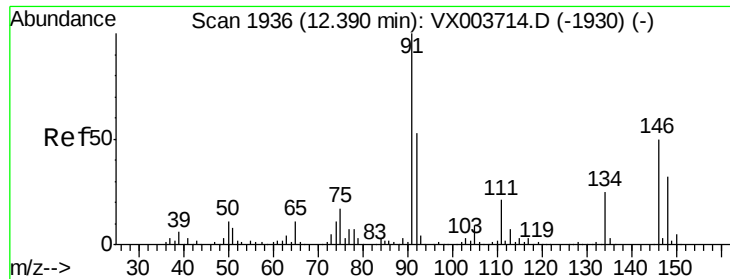
MMDadoda
 8/8/2018 12:02:32 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.51 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.5	55.5
148	64.7	32.0	96.0





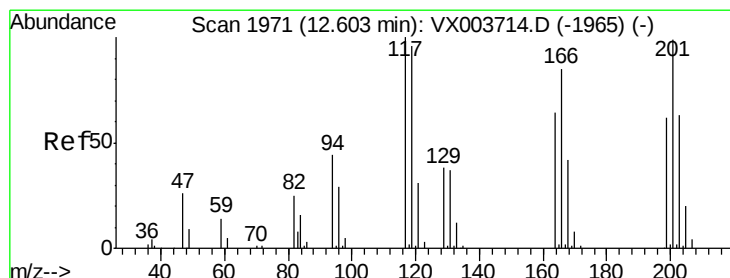
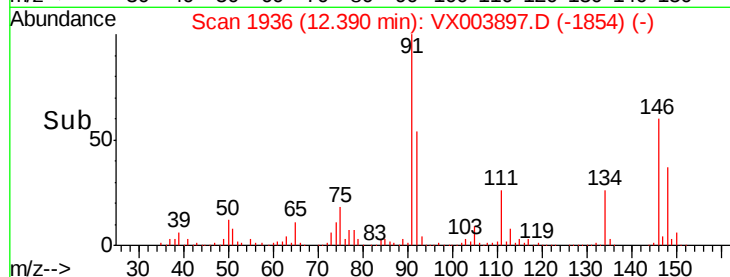
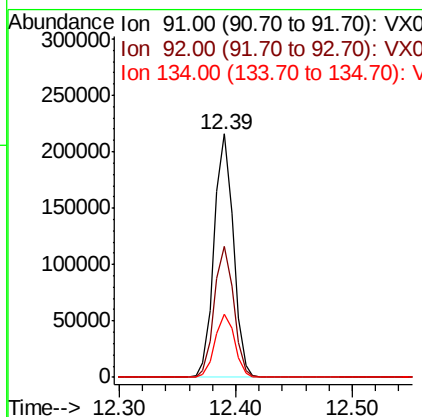
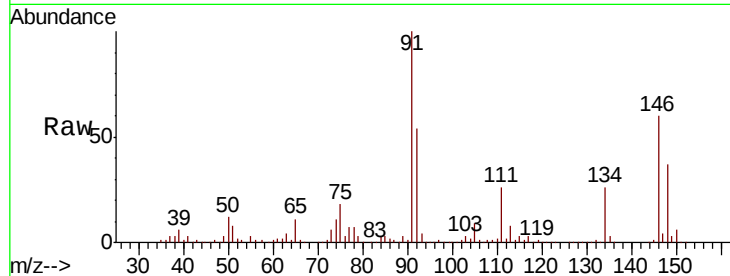
#85
n-Butylbenzene
Concen: 15.66 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	243520		
92	54.1	0.0	105.2	
134	26.7	0.0	53.2	

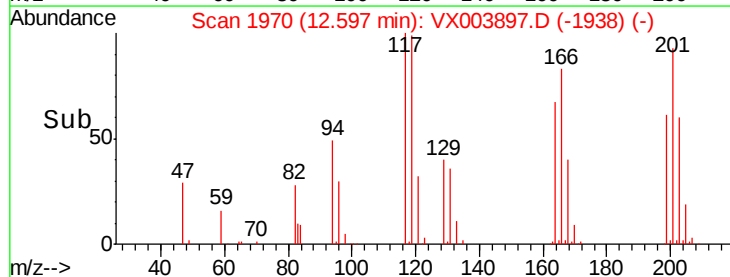
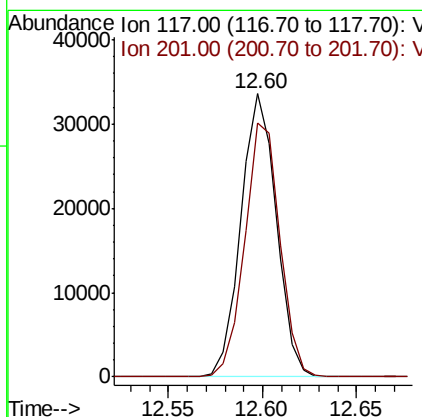
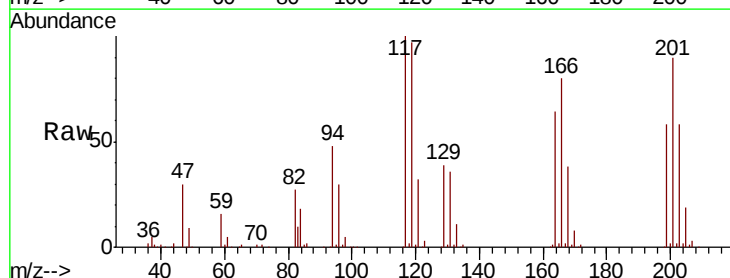
Manual Integrations
APPROVED

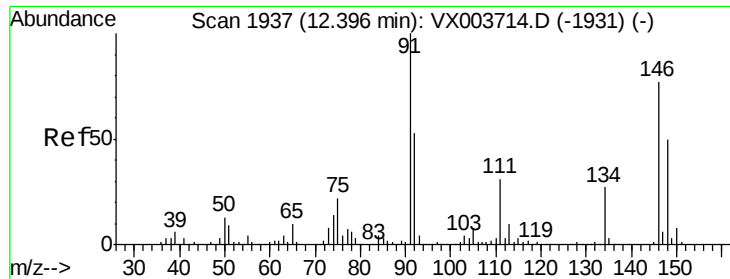
MMDadoda
8/8/2018 12:02:32 PM



#86
Hexachloroethane
Concen: 15.53 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43851		
201	89.0	47.6	142.8	





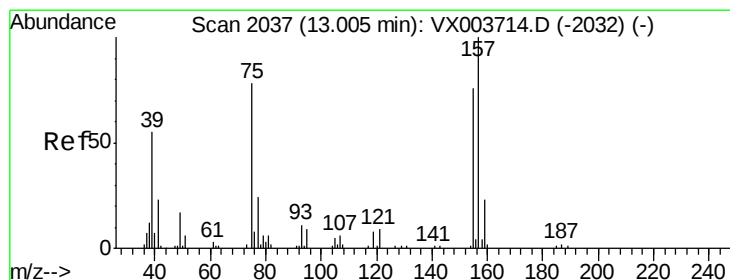
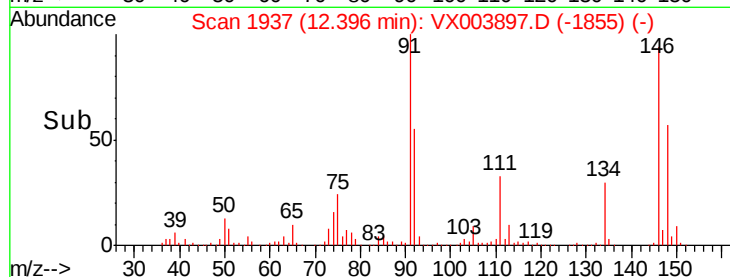
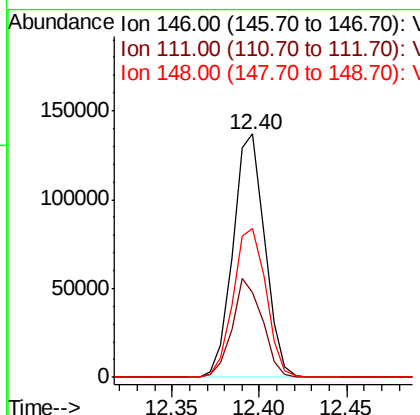
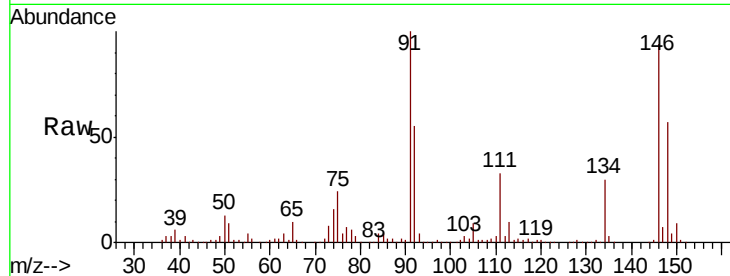
#87
 1,2-Dichlorobenzene
 Concen: 17.50 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.0	59.9
148	63.1	32.8	98.3

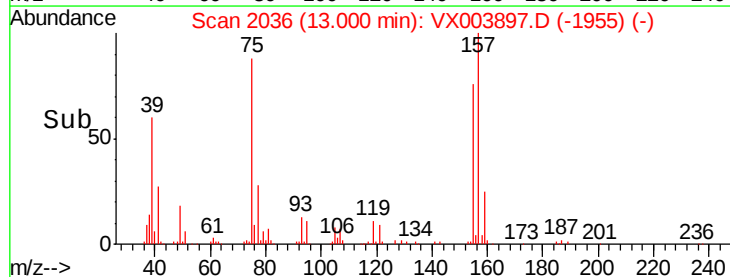
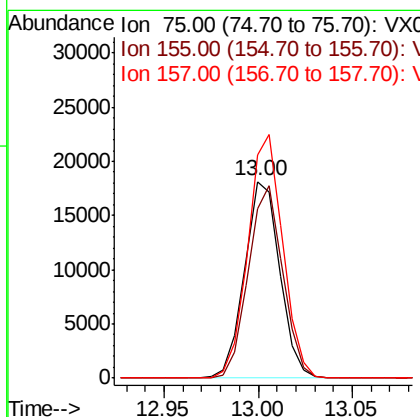
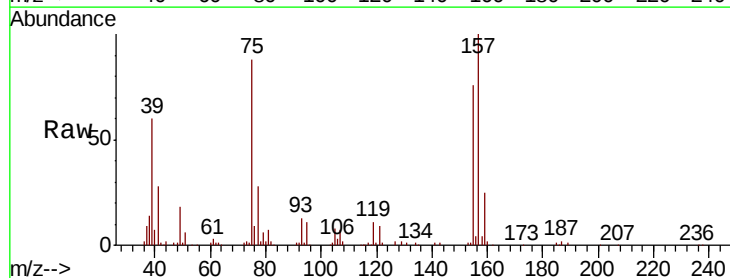
Manual Integrations
 APPROVED

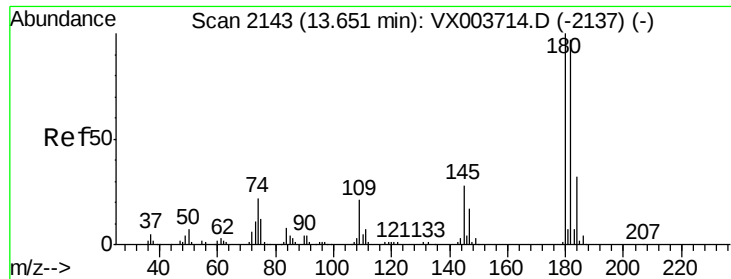
MMDadoda
 8/8/2018 12:02:32 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.57 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	73.1	109.7
157	122.0	93.1	139.7





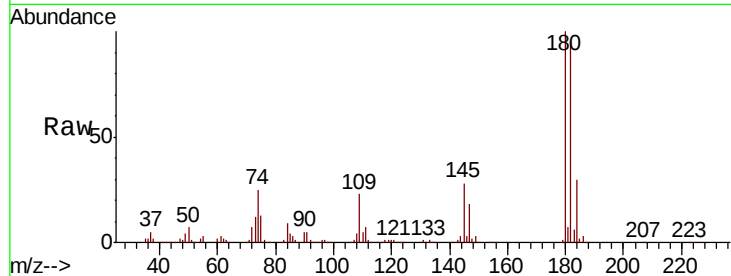
#89
 1,2,4-Trichlorobenzene
 Concen: 18.42 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128215		
182	96.9	76.4	114.6	
145	28.3	22.9	34.3	

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:02:32 PM

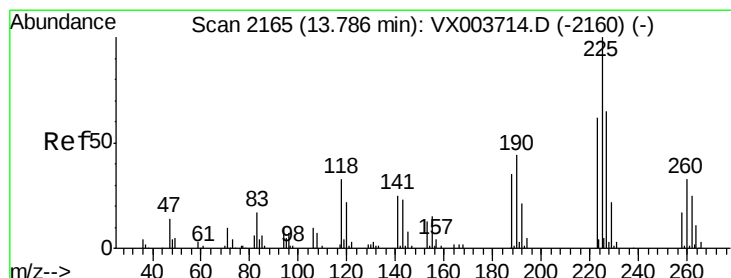
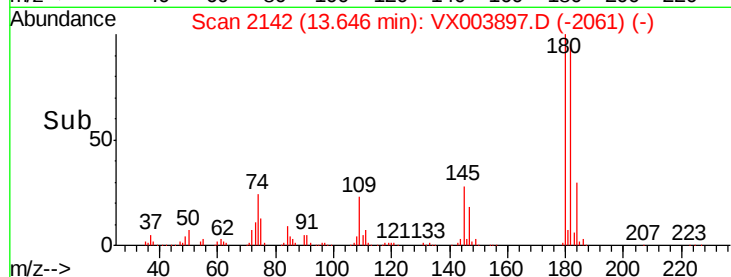
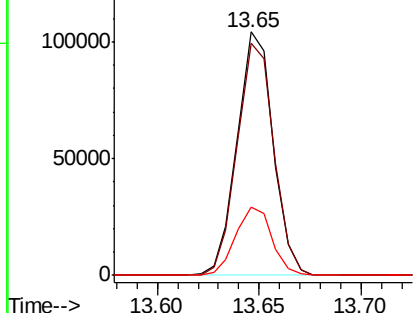


Abundance

Ion 180.00 (179.70 to 180.70): V

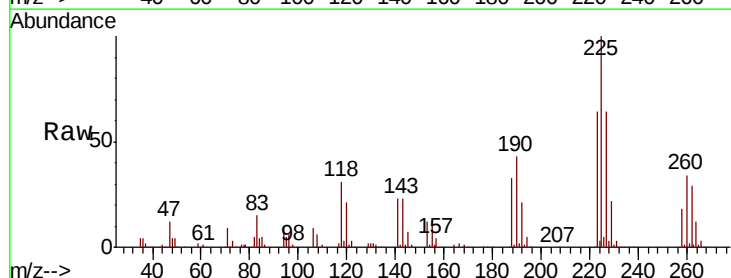
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 18.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58695		
223	63.3	0.0	122.4	
227	63.4	0.0	128.0	

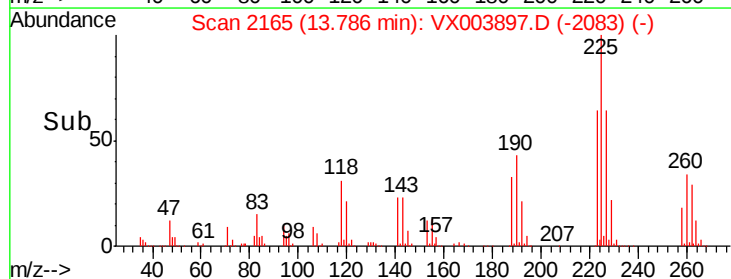
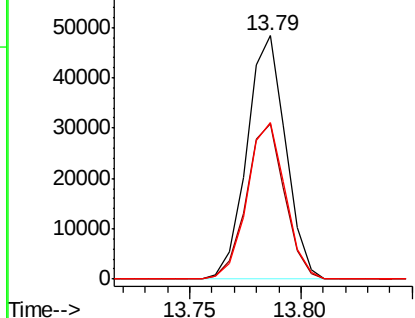


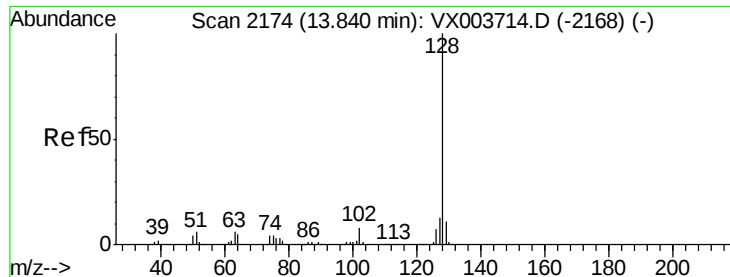
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





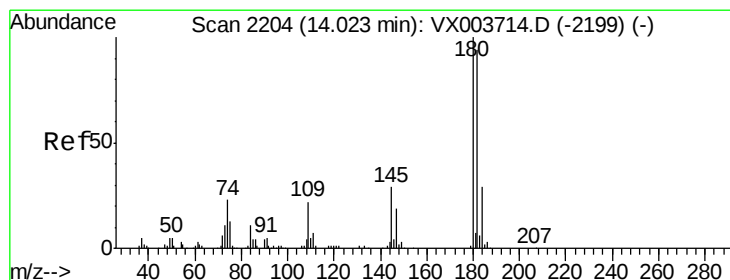
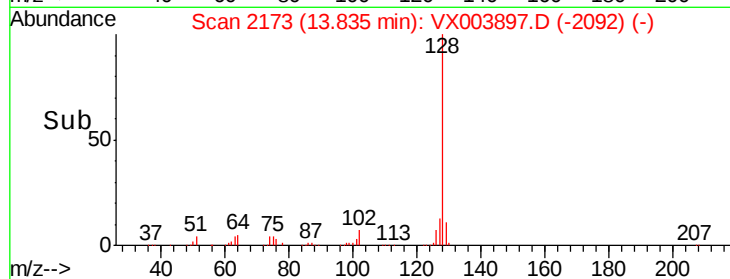
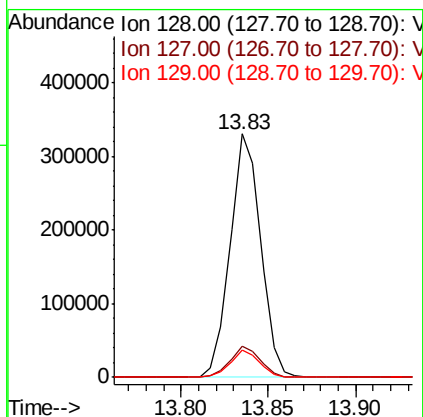
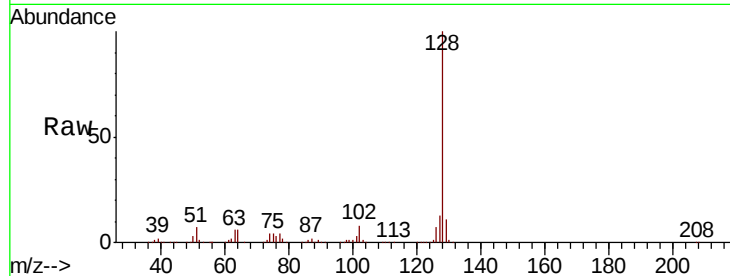
#91
Naphthalene
Concen: 18.87 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	401509		
127	12.7	10.3	15.5	
129	10.9	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:02:32 PM



#92
1,2,3-Trichlorobenzene
Concen: 19.05 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	135089		
182	95.2	0.0	191.0	
145	29.6	0.0	60.6	

