

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003864.D
 Acq On : 06 Aug 2018 16:27
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:12:37 PM

Quant Time: Aug 07 07:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	384728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	561422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	4107	1.09	ug/l	96
3) Chloromethane	1.32	50	6370	1.03	ug/l	100
4) Vinyl Chloride	1.40	62	6034	1.23	ug/l	97
5) Bromomethane	1.65	94	4748	1.80	ug/l	93
6) Chloroethane	1.73	64	3811	1.36	ug/l	98
7) Trichlorofluoromethane	1.93	101	7908	1.26	ug/l	99
8) Diethyl Ether	2.18	74	3533	1.29	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5145	1.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	4889	1.27	ug/l	95
14) Allyl chloride	2.73	41	8419	1.17	ug/l	92
15) Acrylonitrile	3.15	53	15870	6.08	ug/l	98
16) Acetone	2.45	43	17998	6.72	ug/l	99
17) Carbon Disulfide	2.57	76	17835	1.64	ug/l	100
18) Methyl Acetate	2.78	43	7182	1.17	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	15583	1.17	ug/l	97
20) Methylene Chloride	2.85	84	19462	4.16	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	5825	1.37	ug/l	90
22) Diisopropyl ether	3.87	45	17250	1.26	ug/l	98
23) Vinyl Acetate	3.82	43	65327	5.77	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9773	1.26	ug/l	93
25) 2-Butanone	4.70	43	24172	5.43	ug/l	98
26) 2,2-Dichloropropane	4.58	77	7141	1.34	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	5639	1.18	ug/l	95
28) Bromochloromethane	5.02	49	3805	1.06	ug/l #	98
29) Tetrahydrofuran	5.17	42	12488	5.50	ug/l	99
30) Chloroform	5.21	83	8898	1.12	ug/l	94
31) Cyclohexane	5.57	56	8191	1.22	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	6802	1.02	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	7211	1.19	ug/l	98
37) Ethyl Acetate	4.86	43	7429	1.07	ug/l	98
38) Carbon Tetrachloride	5.78	117	6214	1.03	ug/l	92
39) Methylcyclohexane	7.46	83	8084	1.16	ug/l	98
40) Benzene	6.14	78	20594	1.11	ug/l	99
41) Methacrylonitrile	5.06	41	3952	1.06	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003864.D
 Acq On : 06 Aug 2018 16:27
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:12:37 PM

Quant Time: Aug 07 07:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	6971	1.12	ug/l	97
43) Isopropyl Acetate	6.46	43	10144	0.98	ug/l	98
44) Trichloroethene	7.21	130	5941	1.18	ug/l	90
45) 1,2-Dichloropropane	7.51	63	5353	1.11	ug/l	97
46) Dibromomethane	7.67	93	3571	1.15	ug/l	94
47) Bromodichloromethane	7.90	83	5973	1.02	ug/l	98
48) Methyl methacrylate	7.77	41	4868	0.93	ug/l	97
49) 1,4-Dioxane	7.76	88	2199	17.71	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	39099	4.52	ug/l	99
52) Toluene	8.79	92	11941	1.04	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	6304	0.98	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	6810	0.97	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	5172	1.07	ug/l	94
56) Ethyl methacrylate	9.18	69	6037	0.89	ug/l #	93
57) 1,3-Dichloropropane	9.37	76	8545	1.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	14338	4.14	ug/l	99
59) 2-Hexanone	9.50	43	27722	4.20	ug/l	96
60) Dibromochloromethane	9.59	129	4275	0.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	5046	1.02	ug/l	98
64) Tetrachloroethene	9.34	164	5791	1.33	ug/l	94
65) Chlorobenzene	10.14	112	14280	1.21	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	4154	1.01	ug/l #	64
67) Ethyl Benzene	10.25	91	21268	1.12	ug/l	99
68) m/p-Xylenes	10.36	106	16564	2.25	ug/l	93
69) o-Xylene	10.70	106	7377	1.04	ug/l	92
70) Styrene	10.71	104	11411	0.98	ug/l	98
71) Bromoform	10.86	173	2745	0.82	ug/l #	98
73) Isopropylbenzene	11.02	105	18125	1.12	ug/l	96
74) N-amyl acetate	6.46	43	10144	1.28	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	6716	1.19	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	5839m	1.19	ug/l	
77) Bromobenzene	11.26	156	5508	1.25	ug/l	98
78) n-propylbenzene	11.36	91	20767	1.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	13057	1.19	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	13959	1.06	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	1543	0.98	ug/l	88
82) 4-Chlorotoluene	11.51	91	15350	1.21	ug/l	99
83) tert-Butylbenzene	11.77	119	14331	1.07	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	14397	1.06	ug/l	100
85) sec-Butylbenzene	11.94	105	17165	1.10	ug/l	98
86) p-Isopropyltoluene	12.07	119	15195	1.08	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	11159	1.35	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	12025m	1.41	ug/l	
89) n-Butylbenzene	12.39	91	14225	1.17	ug/l	99
90) Hexachloroethane	12.60	117	2516	1.10	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	10291	1.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1251	1.00	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	7498	1.26	ug/l	99
94) Hexachlorobutadiene	13.78	225	3937	1.37	ug/l	100
95) Naphthalene	13.83	128	16694	0.97	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
Data File : VX003864.D
Acq On : 06 Aug 2018 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

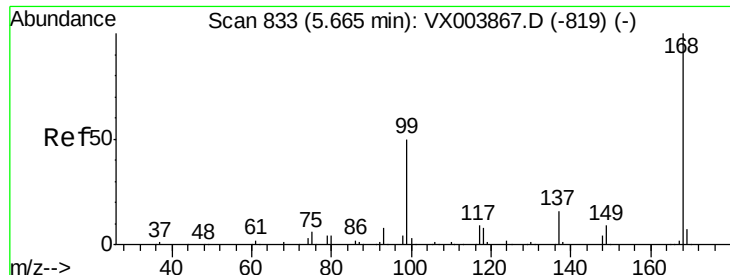
Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM

Quant Time: Aug 07 07:08:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 06:57:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	6941	1.13	ug/l	99

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



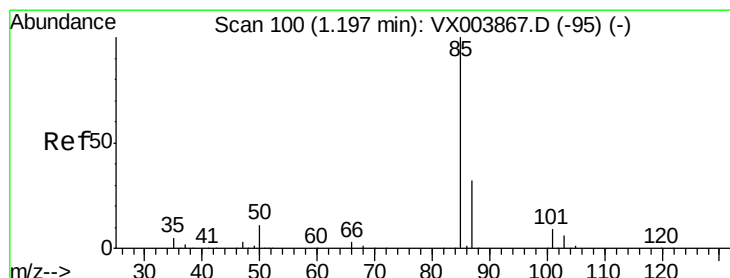
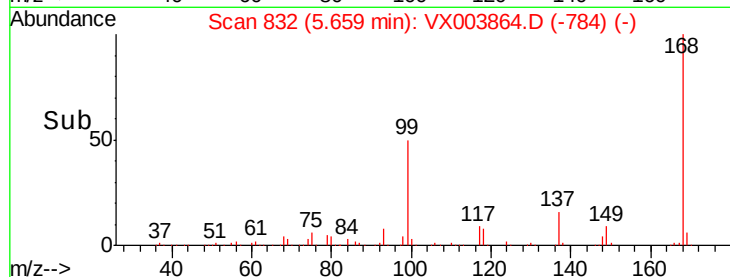
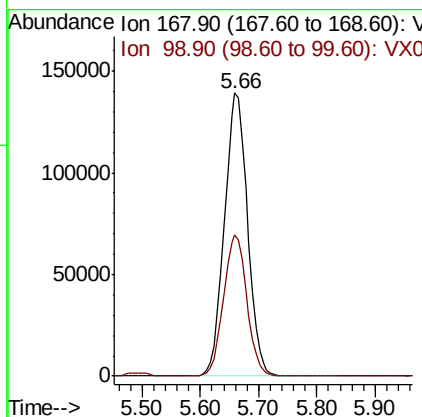
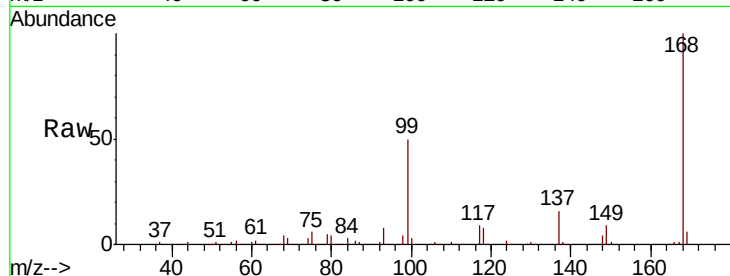
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	40.1	60.1

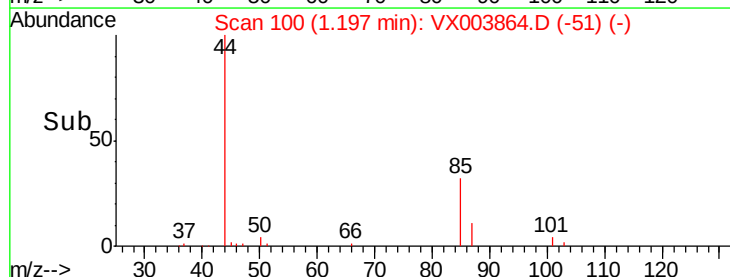
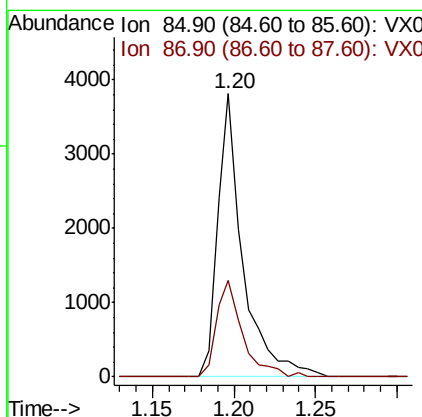
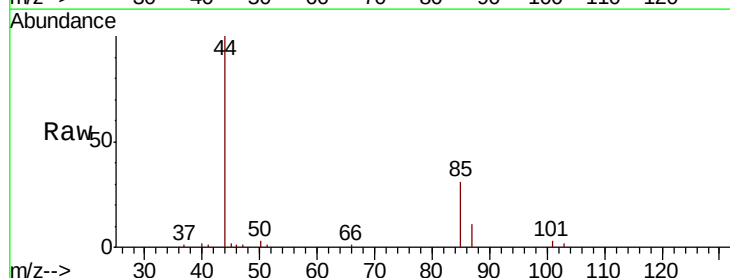
Manual Integrations
APPROVED

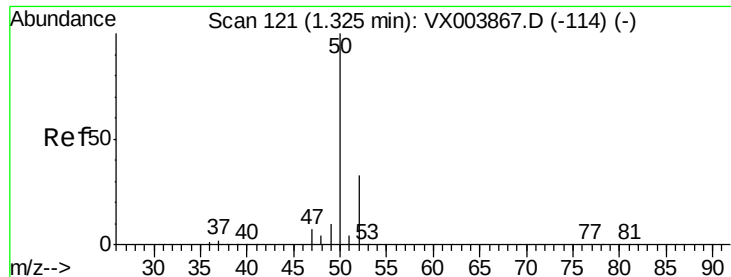
MMDadoda
8/7/2018 1:12:37 PM



#2
Dichlorodifluoromethane
Concen: 1.09 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.1	16.0	48.0





#3

Chloromethane

Concen: 1.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 6370

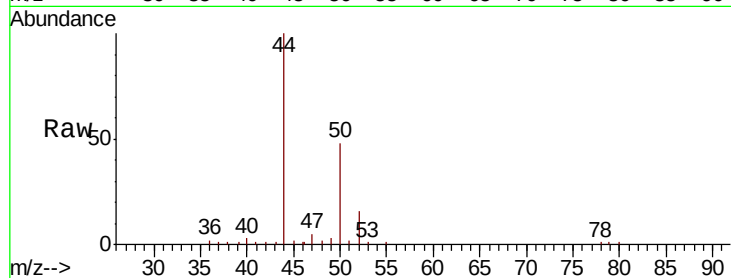
Ion Ratio Lower Upper

50 100

52 33.1 26.6 39.8

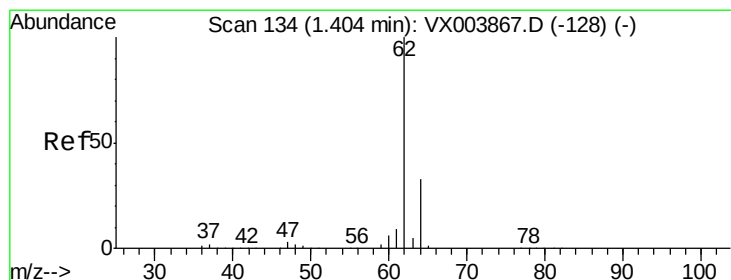
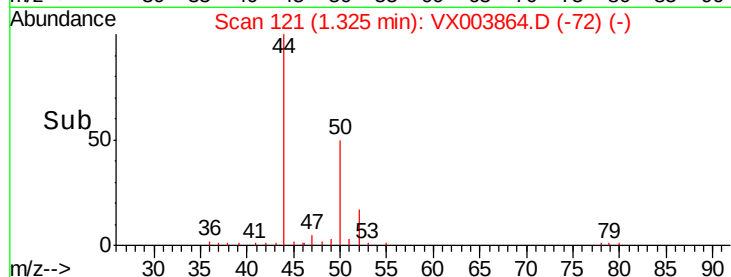
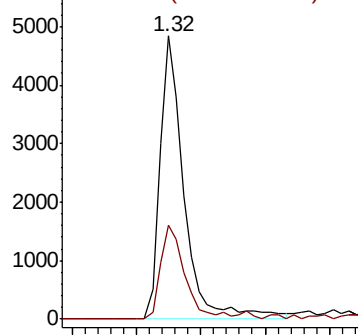
Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003864.D

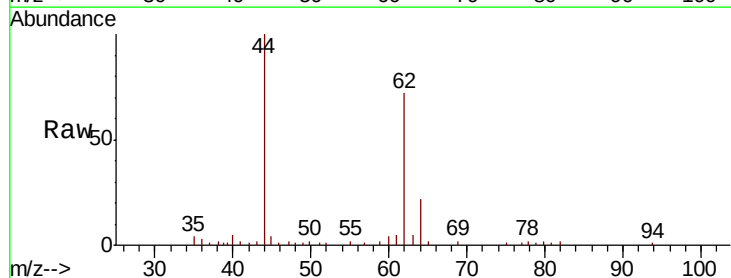
Acq: 06 Aug 2018 16:27

Tgt Ion: 62 Resp: 6034

Ion Ratio Lower Upper

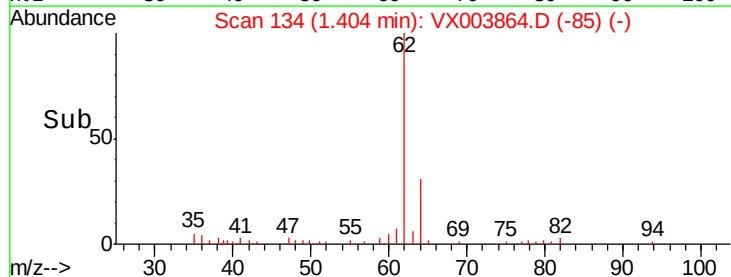
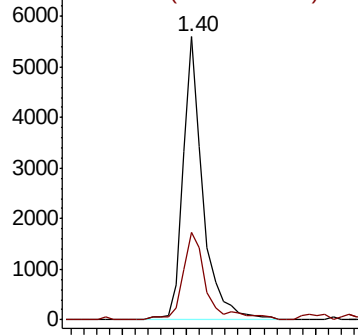
62 100

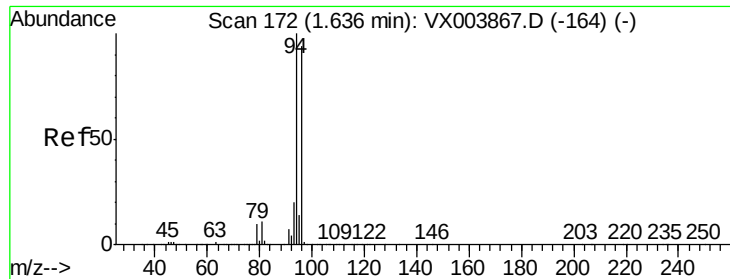
64 30.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.80 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 4748

Ion Ratio Lower Upper

94 100

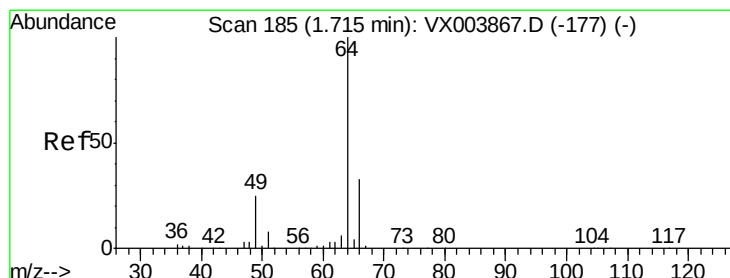
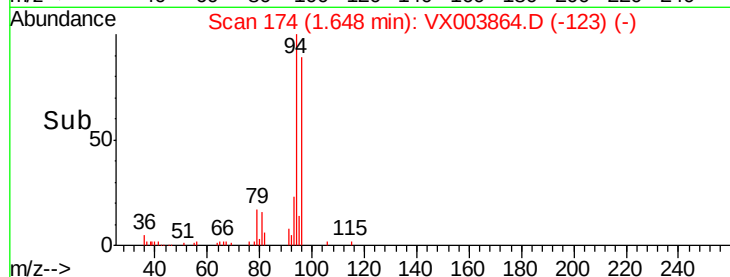
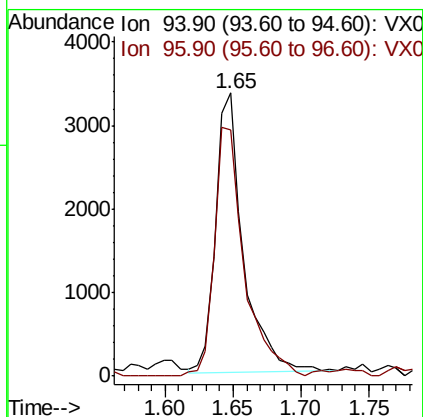
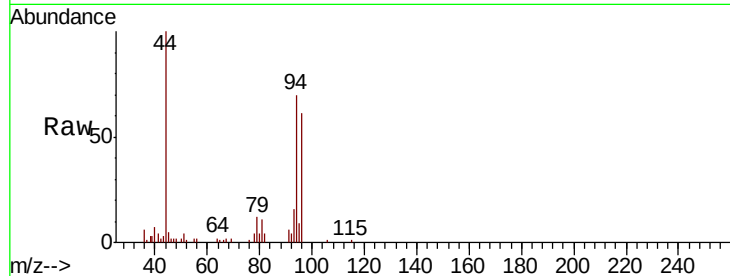
96 87.5 75.2 112.8

Manual Integrations

APPROVED

MMDadoda

8/7/2018 1:12:37 PM



#6

Chloroethane

Concen: 1.36 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003864.D

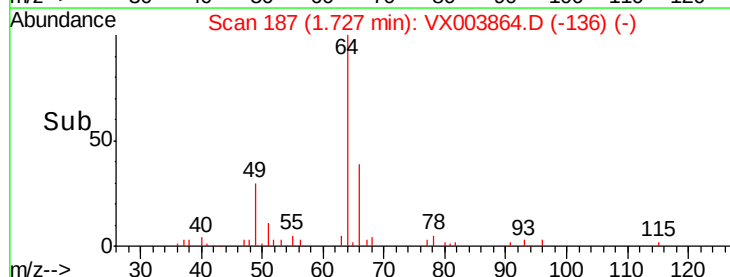
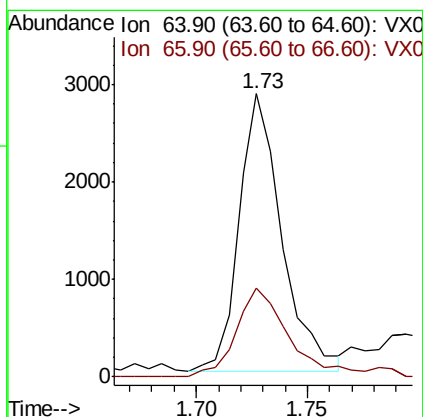
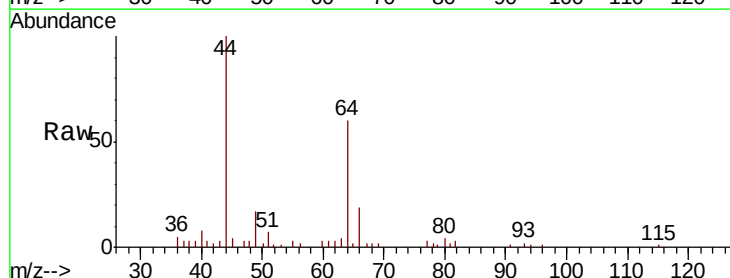
Acq: 06 Aug 2018 16:27

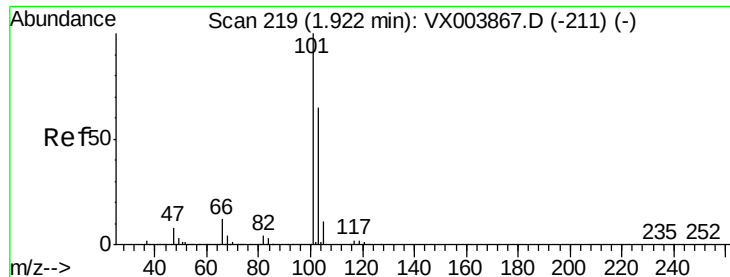
Tgt Ion: 64 Resp: 3811

Ion Ratio Lower Upper

64 100

66 32.1 26.5 39.7





#7

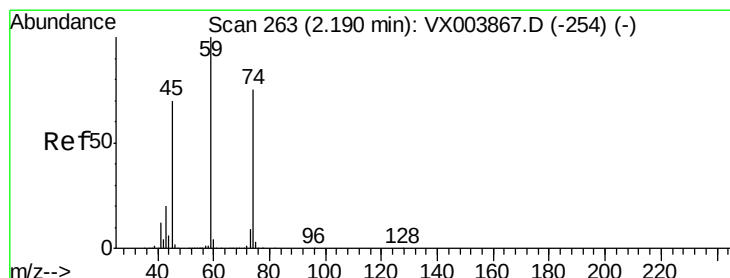
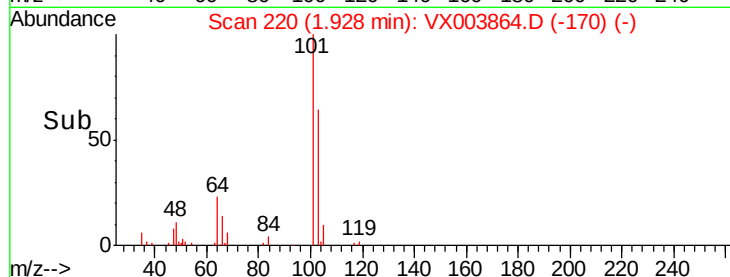
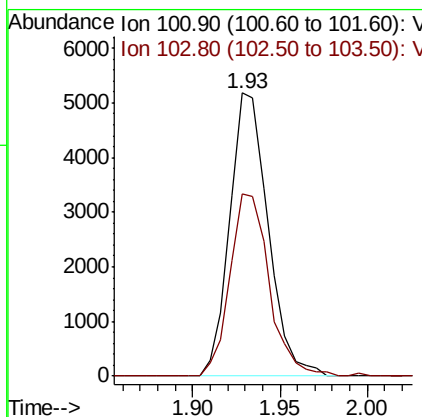
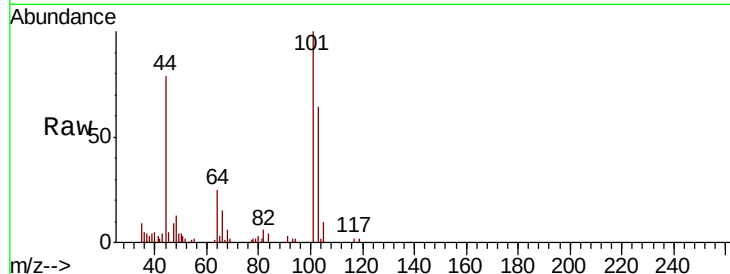
Trichlorofluoromethane
 Concen: 1.26 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.3	78.5

Manual Integrations
 APPROVED

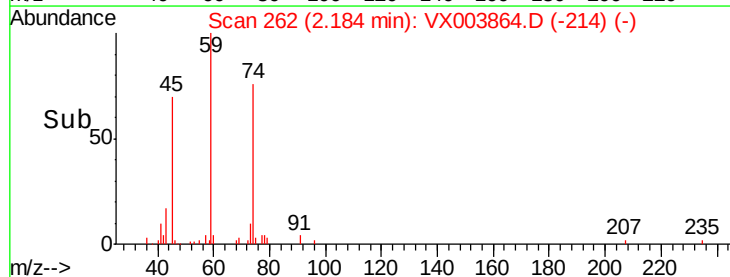
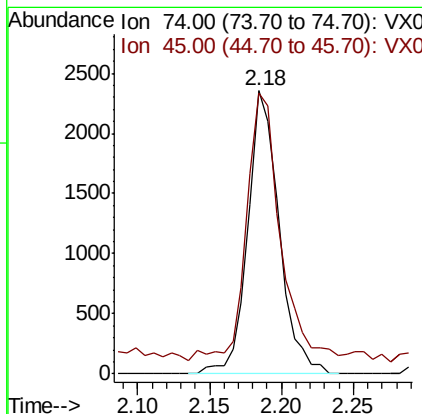
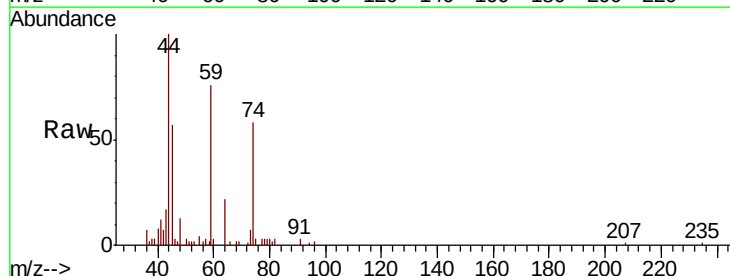
MMDadoda
 8/7/2018 1:12:37 PM

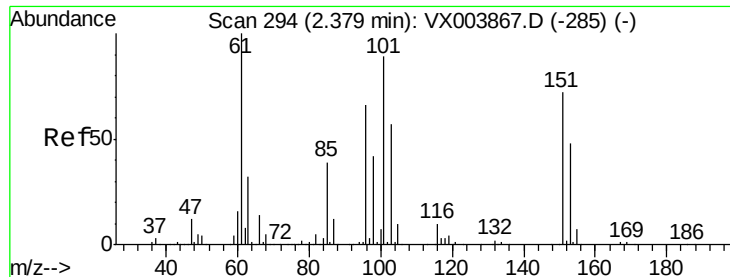


#8

Diethyl Ether
 Concen: 1.29 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

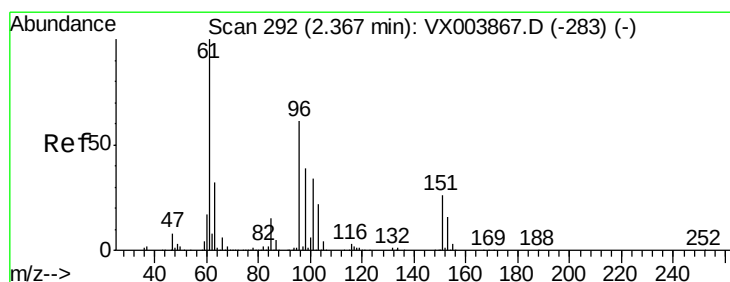
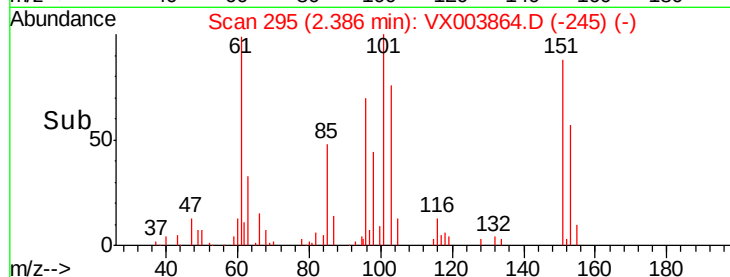
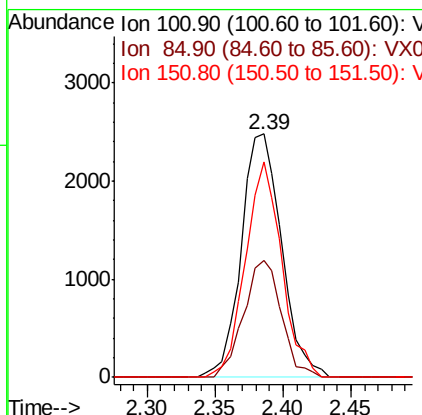
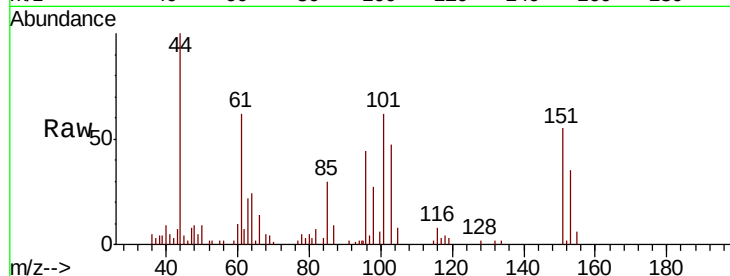
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	5145
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.2	51.4
151	79.5	65.0	97.4

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#12

1,1-Dichloroethene

Concen: 1.27 ug/l

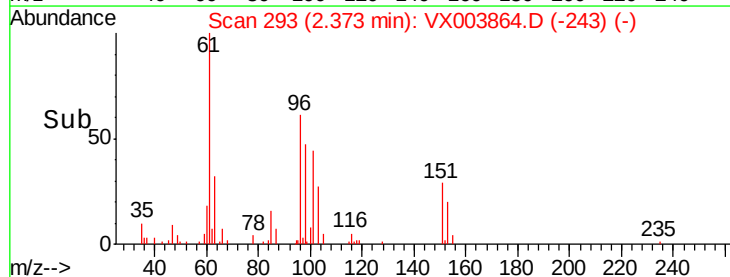
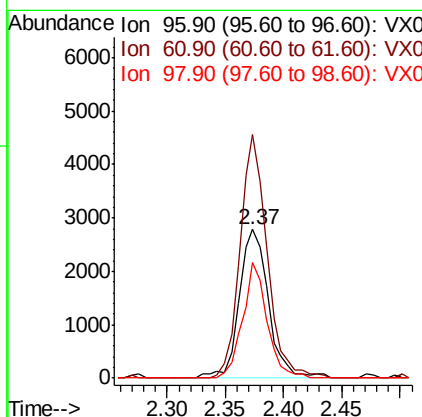
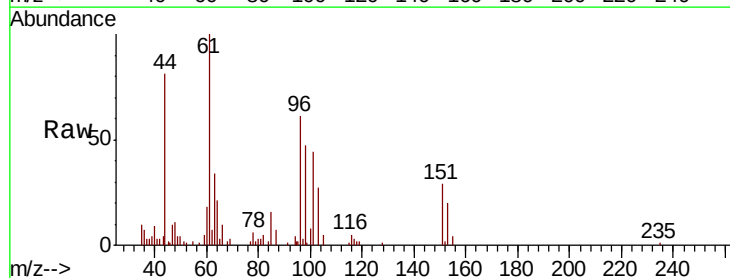
RT: 2.37 min Scan# 293

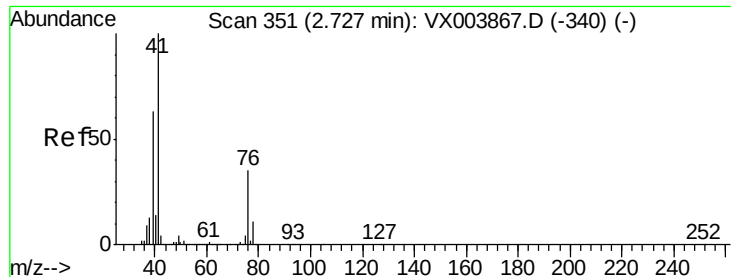
Delta R.T. 0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Tgt Ion:	96	Resp:	4889
Ion Ratio	Lower	Upper	
96	100		
61	163.7	131.3	196.9
98	77.5	51.8	77.6





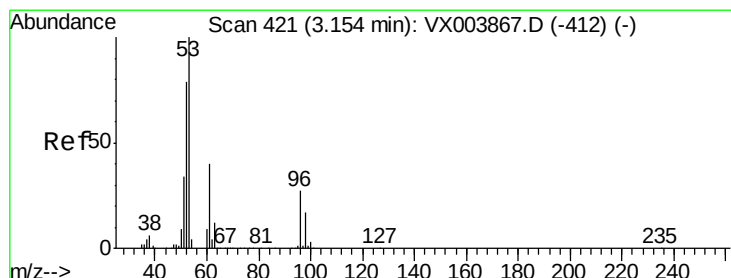
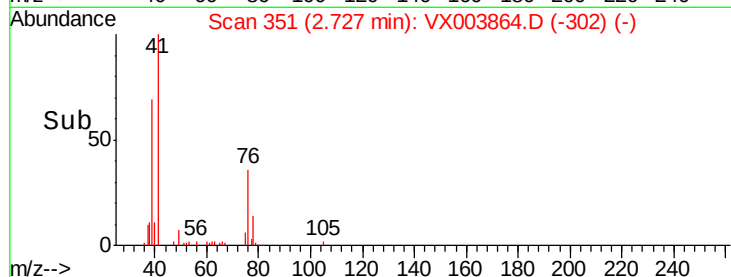
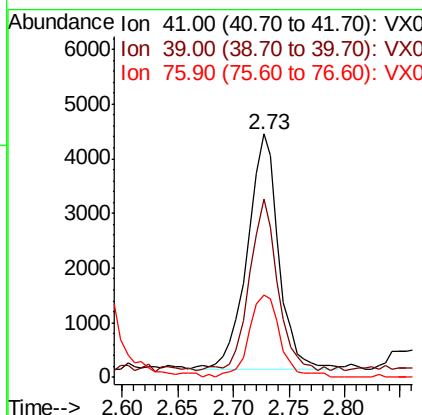
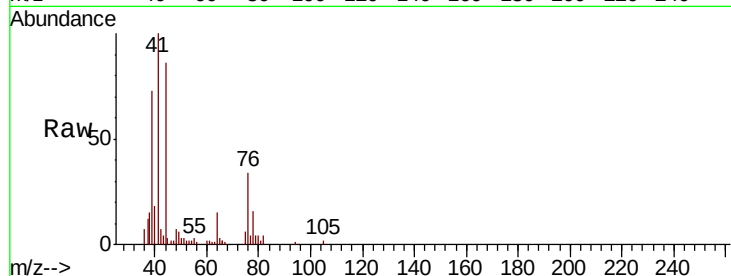
#14
Allvl chloride
Concen: 1.17 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	8419
Ion	Ratio	Lower	Upper
41	100		
39	66.4	47.4	71.0
76	35.0	26.0	39.0

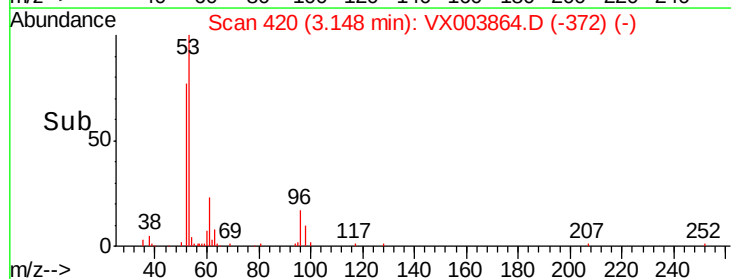
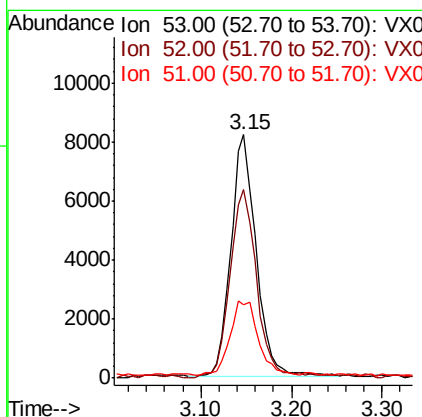
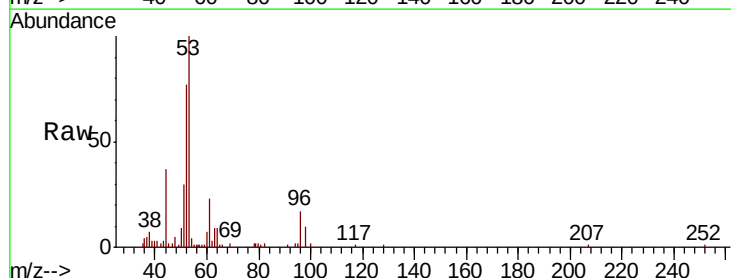
Manual Integrations
APPROVED

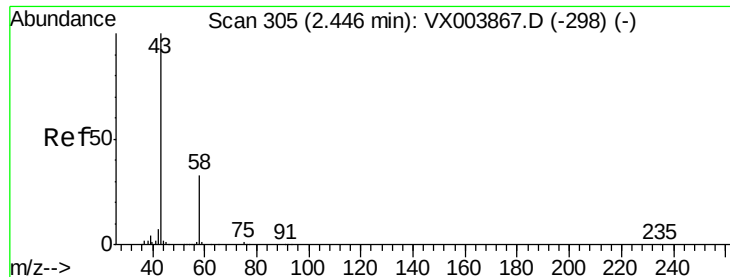
MMDadoda
8/7/2018 1:12:37 PM



#15
Acrylonitrile
Concen: 6.08 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion:	53	Resp:	15870
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.3	97.9
51	33.7	27.9	41.9





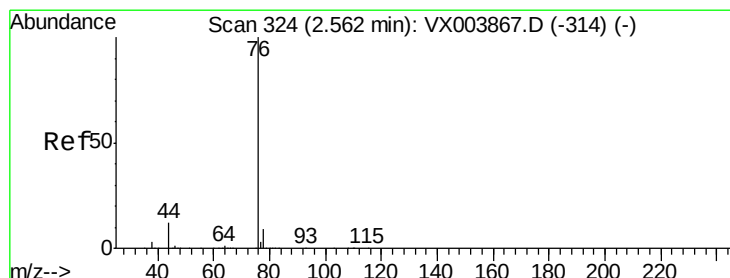
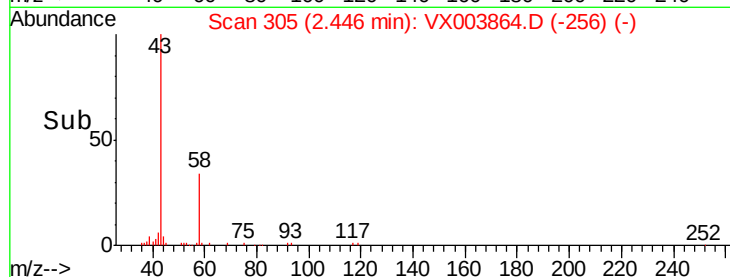
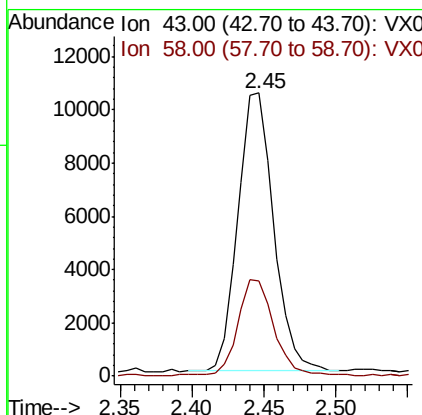
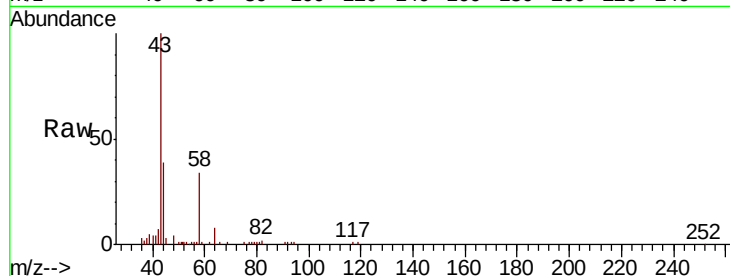
#16
Acetone
Concen: 6.72 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	17998
Ion Ratio	100	Lower	Upper
58	33.4	26.4	39.6

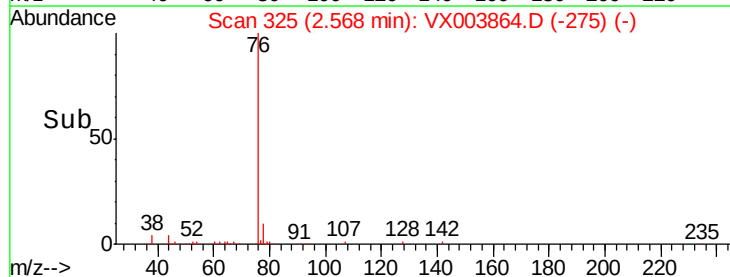
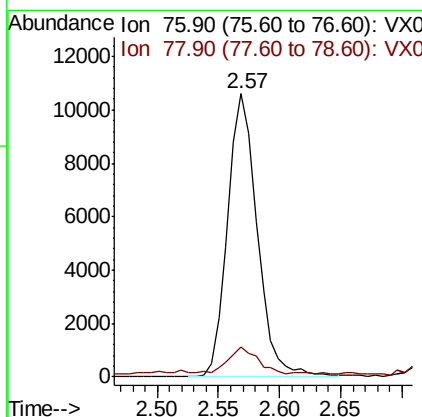
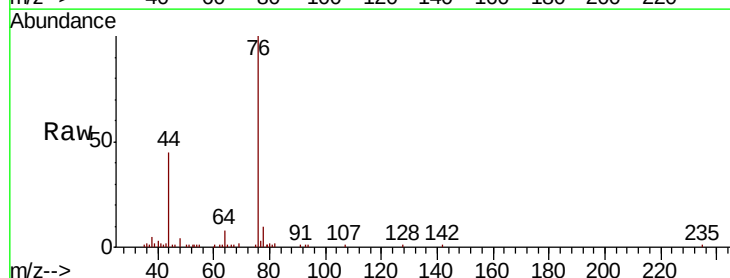
Manual Integrations
APPROVED

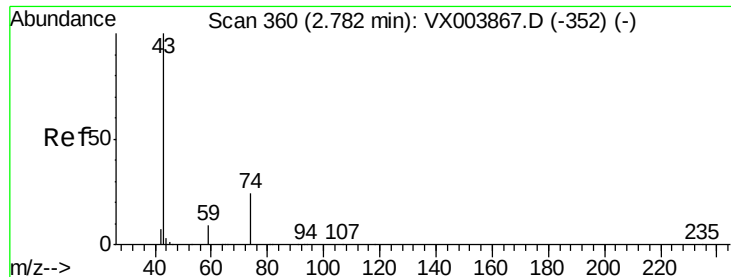
MMDadoda
8/7/2018 1:12:37 PM



#17
Carbon Disulfide
Concen: 1.64 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion	76	Resp	17835
Ion Ratio	100	Lower	Upper
78	9.4	7.5	11.3





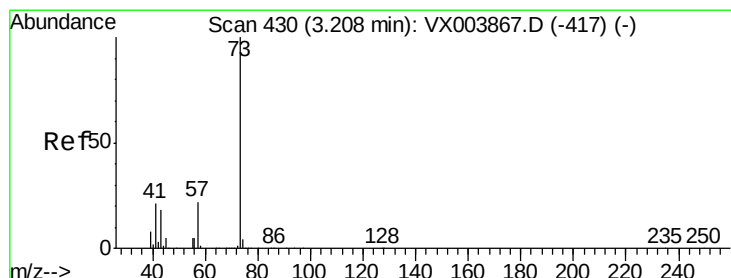
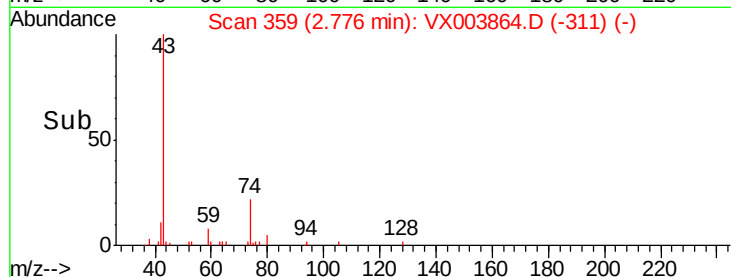
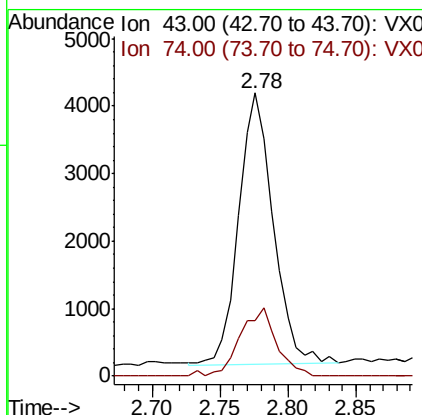
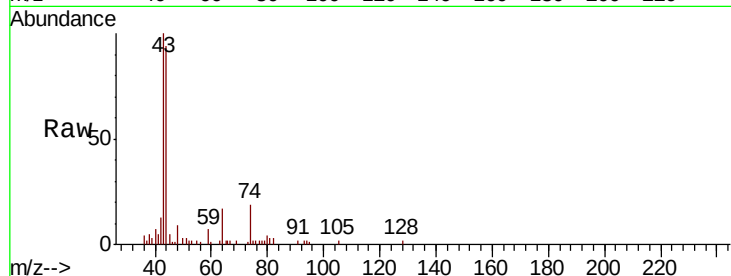
#18
Methyl Acetate
Concen: 1.17 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
74	26.5	18.9	28.3

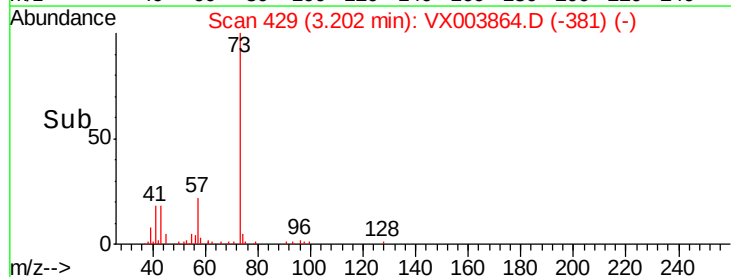
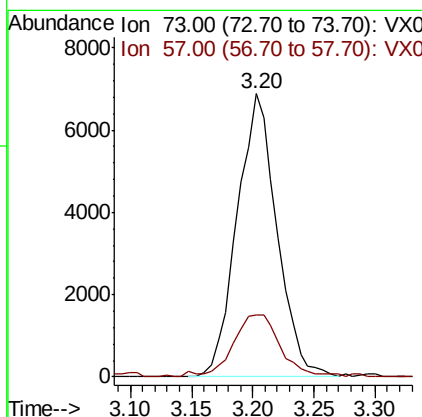
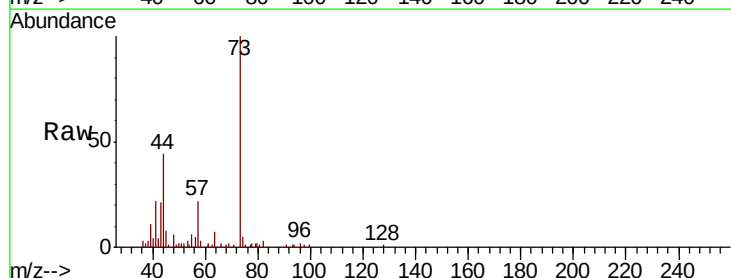
Manual Integrations
APPROVED

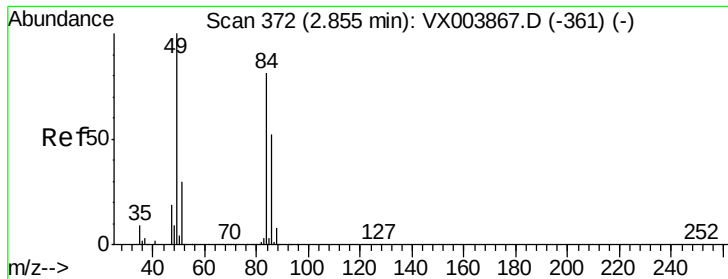
MMDadoda
8/7/2018 1:12:37 PM



#19
Methyl tert-butyl Ether
Concen: 1.17 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.0	18.0	27.0





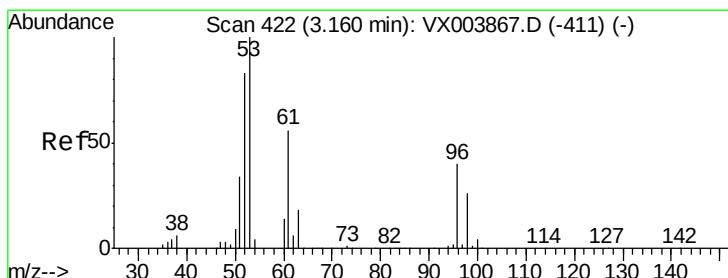
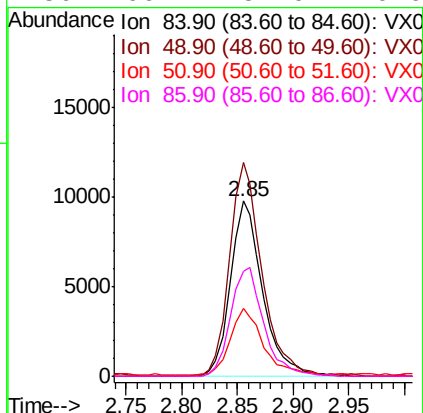
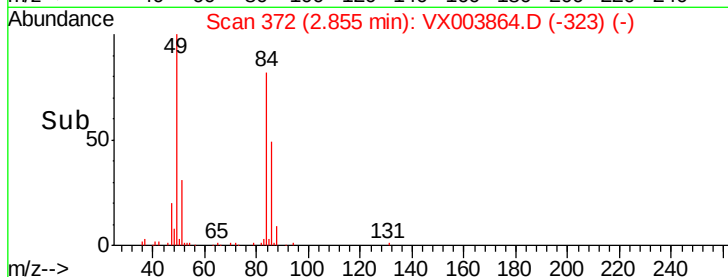
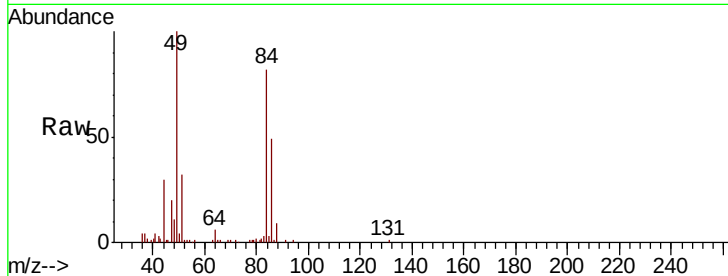
#20
Methylene Chloride
Concen: 4.16 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	19462
Ion	Ratio	Lower	Upper
84	100		
49	122.1	98.9	148.3
51	37.7	29.9	44.9
86	60.4	51.0	76.6

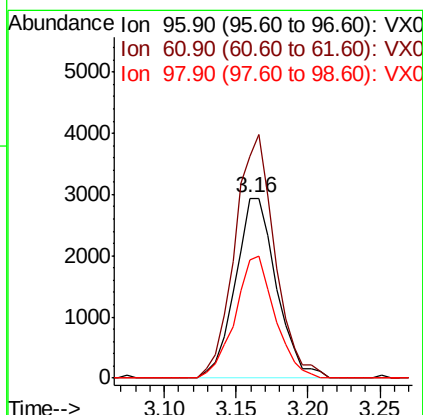
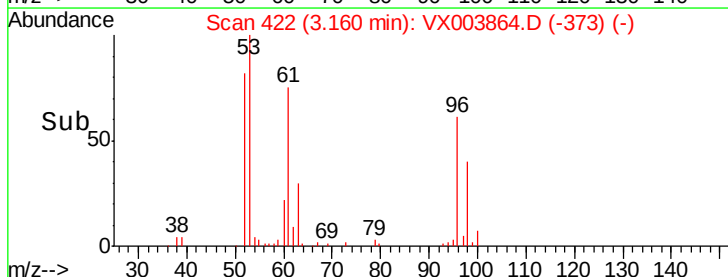
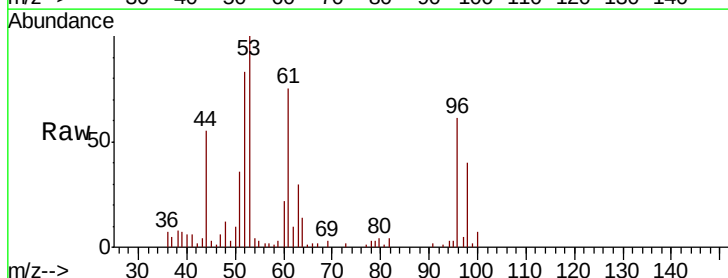
Manual Integrations
APPROVED

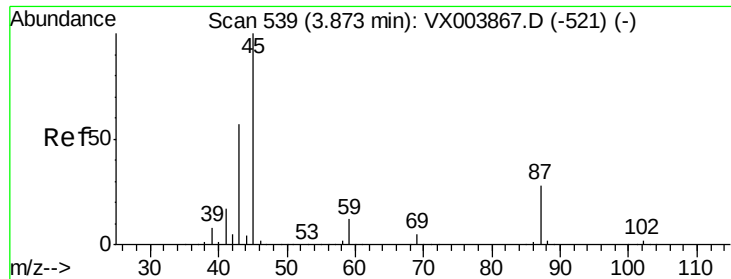
MMDadoda
8/7/2018 1:12:37 PM



#21
trans-1,2-Dichloroethene
Concen: 1.37 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion:	96	Resp:	5825
Ion	Ratio	Lower	Upper
96	100		
61	123.1	111.8	167.6
98	65.4	51.8	77.6





#22

Diisopropyl ether

Concen: 1.26 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

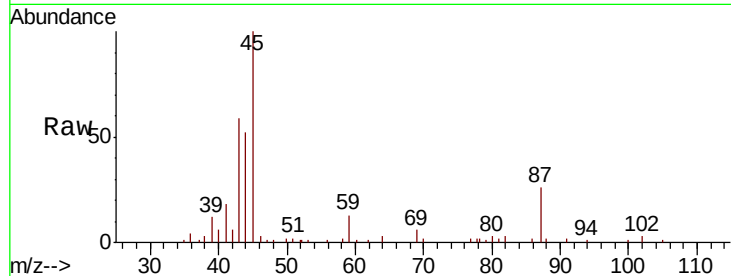
ClientSampleId :

VSTDIC001

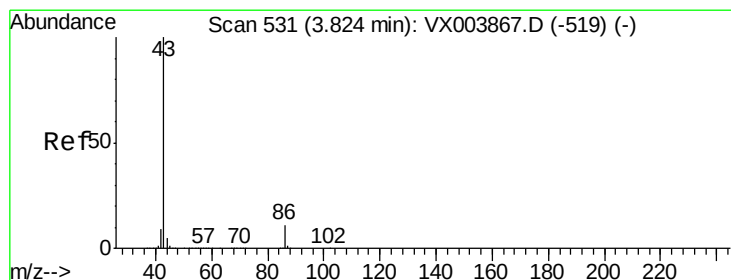
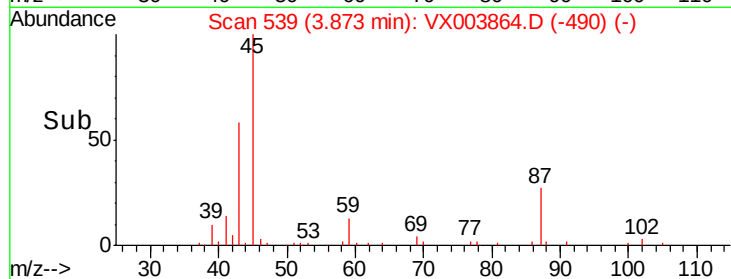
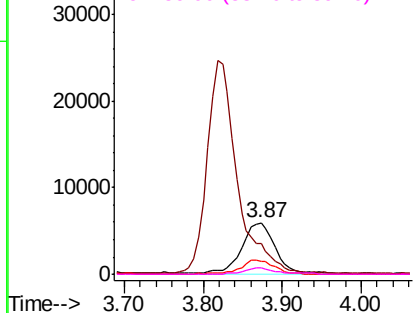
Tot Ion:	45	Resp:	17250
Ion	Ratio	Lower	Upper
45	100		
43	56.6	45.3	67.9
87	26.3	22.7	34.1
59	13.2	9.6	14.4

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 5.77 ug/l

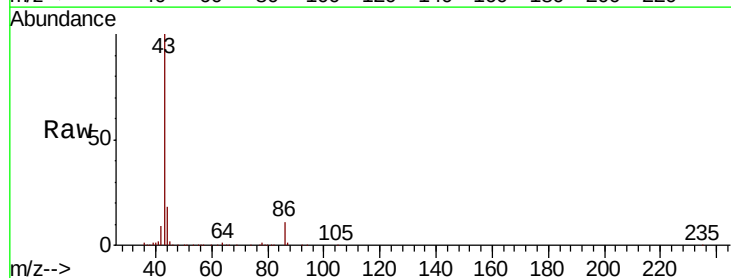
RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

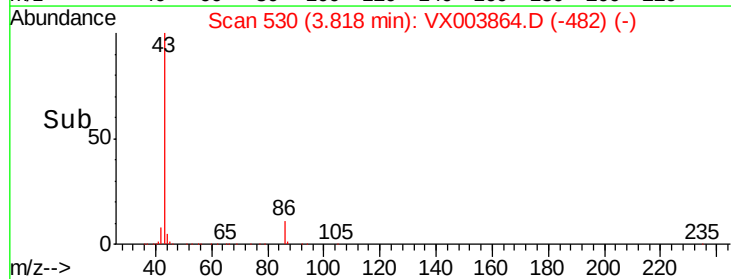
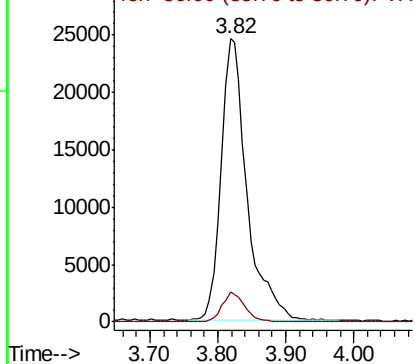
Lab File: VX003864.D

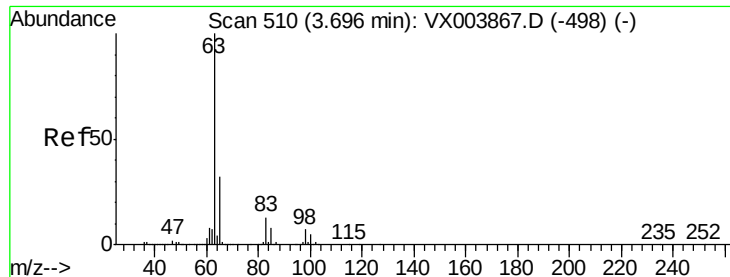
Acq: 06 Aug 2018 16:27

Tgt Ion:	43	Resp:	65327
Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.9	13.3



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





#24

1,1-Dichloroethane

Concen: 1.26 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

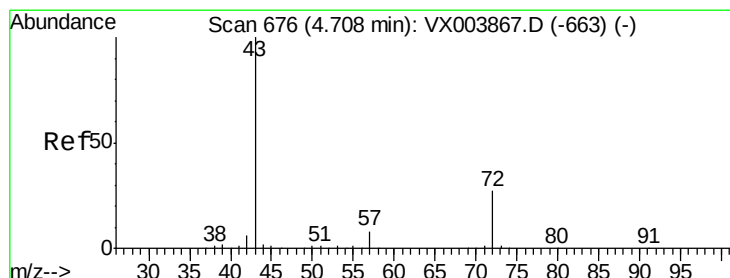
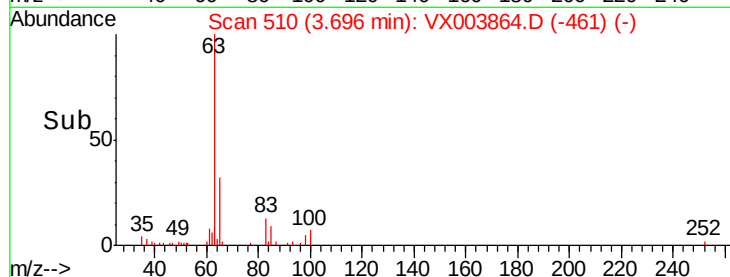
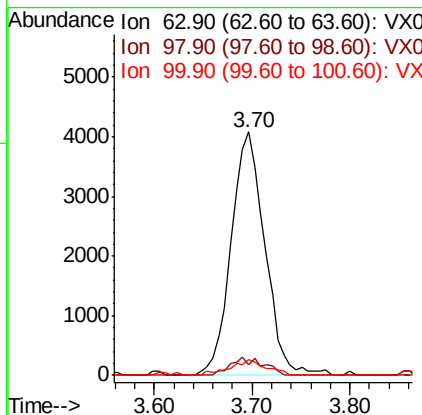
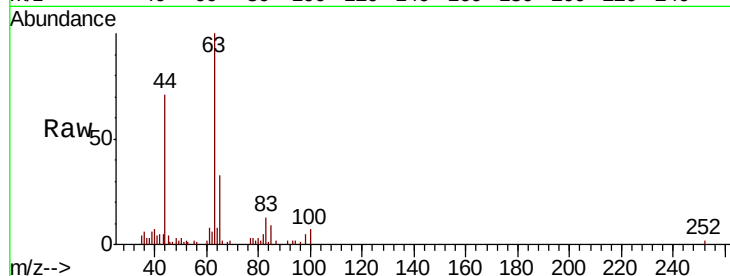
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	9773
Ion	Ratio	Lower	Upper
63	100		
98	4.5	3.5	10.5
100	6.7	2.3	6.8

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#25

2-Butanone

Concen: 5.43 ug/l

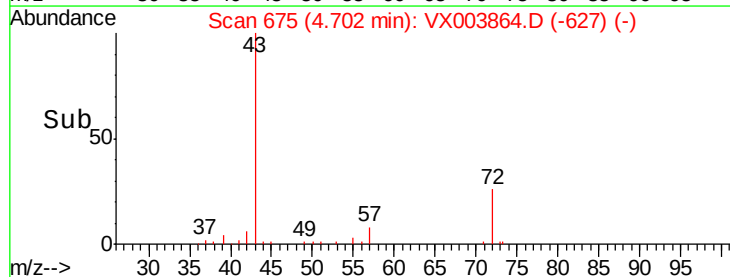
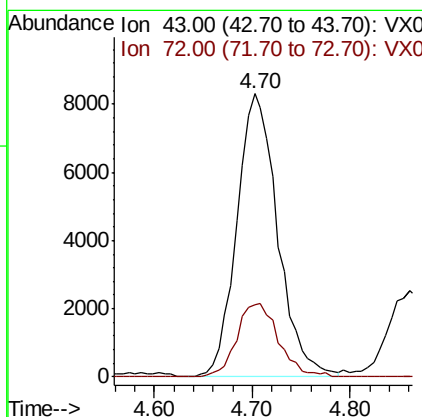
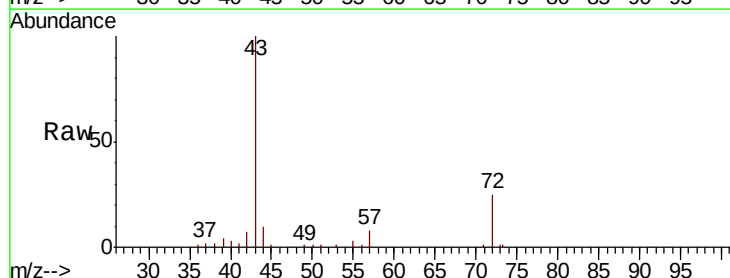
RT: 4.70 min Scan# 675

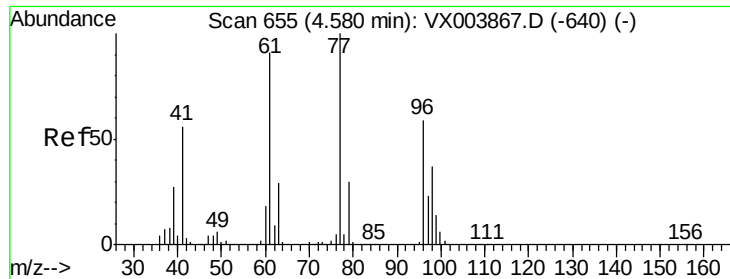
Delta R.T. -0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Tgt Ion:	43	Resp:	24172
Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.4	32.0





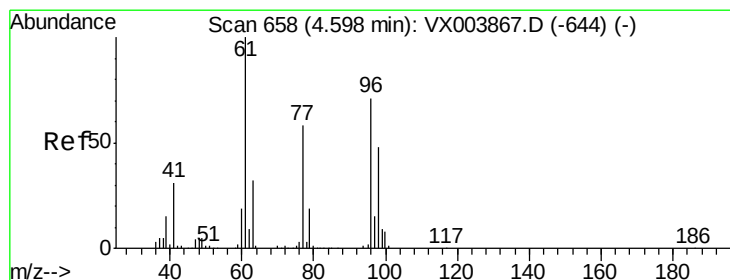
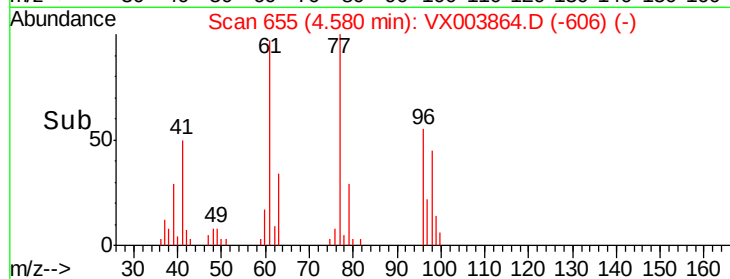
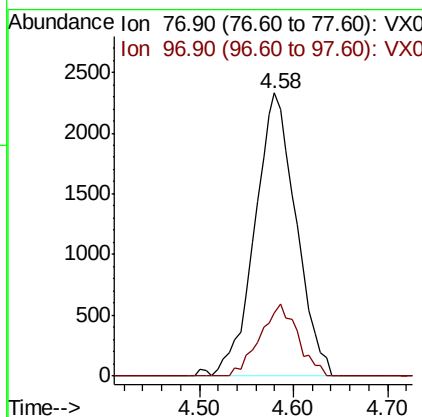
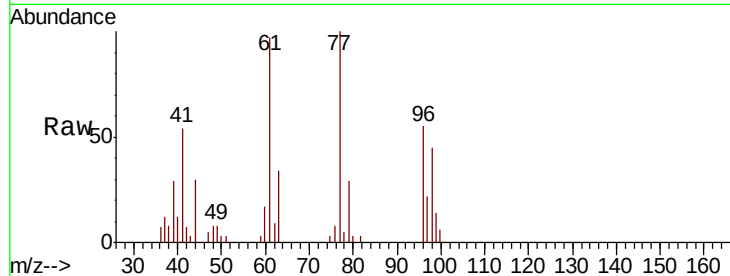
#26
 2,2-Dichloropropane
 Concen: 1.34 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 77 Resp: 7141
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.9 35.9

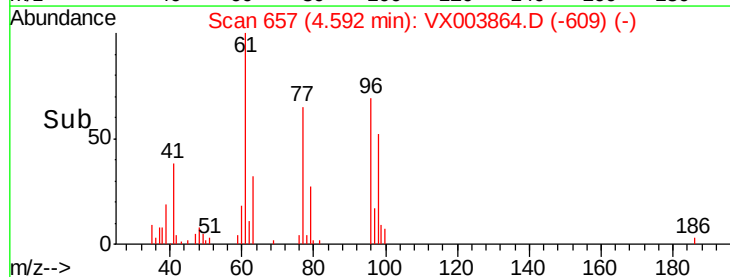
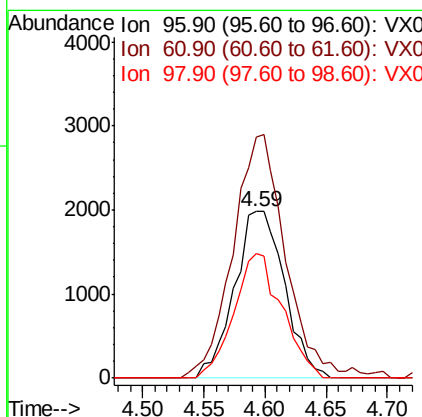
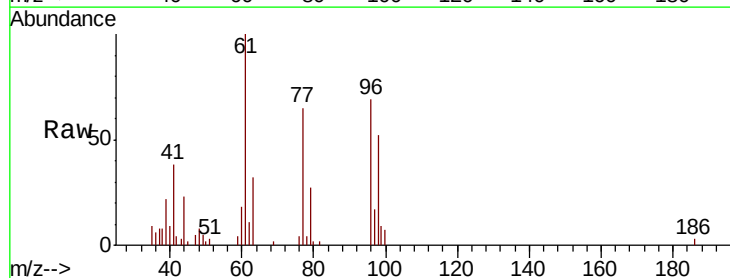
Manual Integrations
 APPROVED

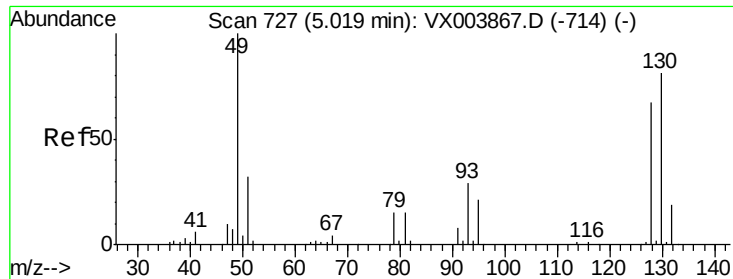
MMDadoda
 8/7/2018 1:12:37 PM



#27
 cis-1,2-Dichloroethene
 Concen: 1.18 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion: 96 Resp: 5639
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 293.0
 98 71.7 0.0 131.8





#28

Bromochloromethane

Concen: 1.06 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

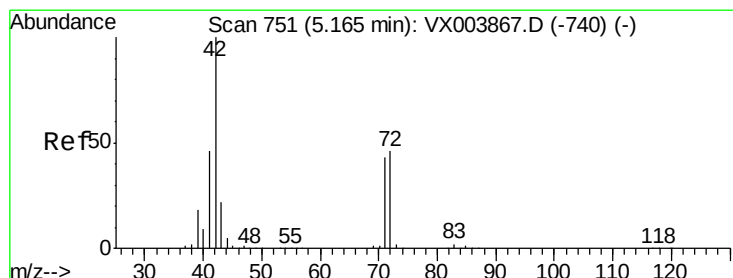
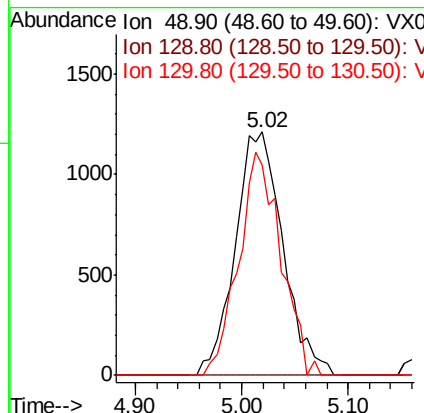
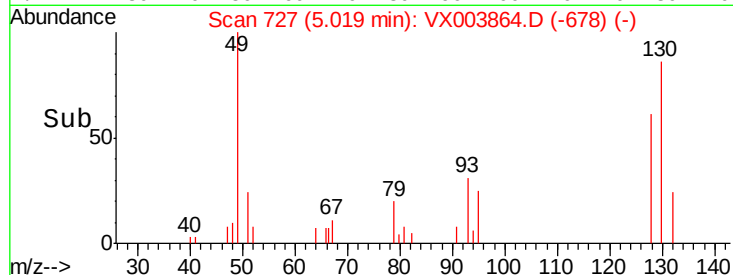
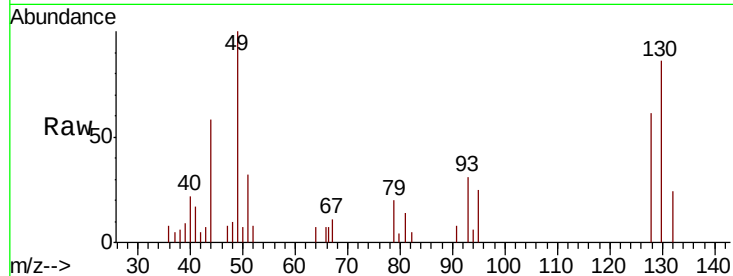
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	81.2	66.5	99.7

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#29

Tetrahydrofuran

Concen: 5.50 ug/l

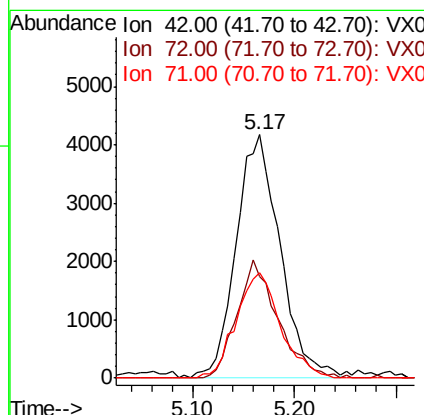
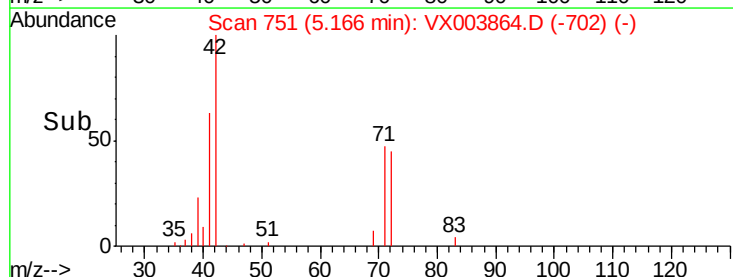
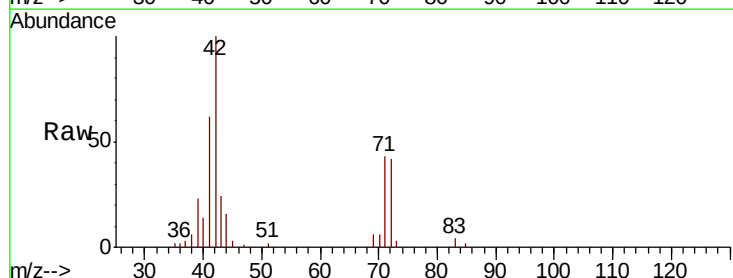
RT: 5.17 min Scan# 751

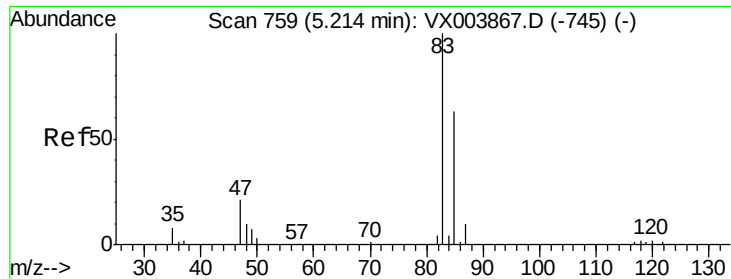
Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.3	37.7	56.5
71	43.7	35.0	52.6





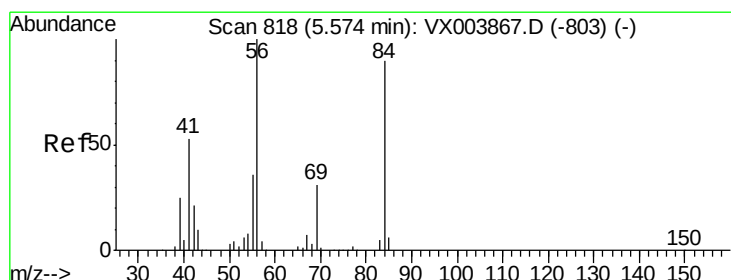
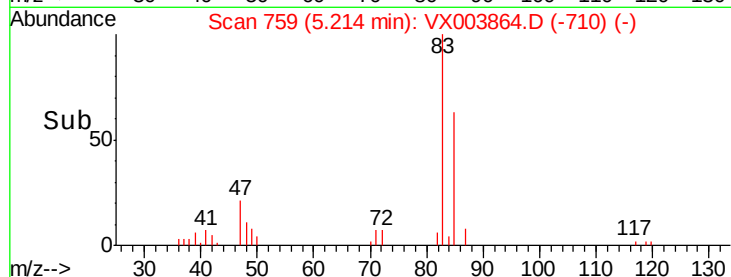
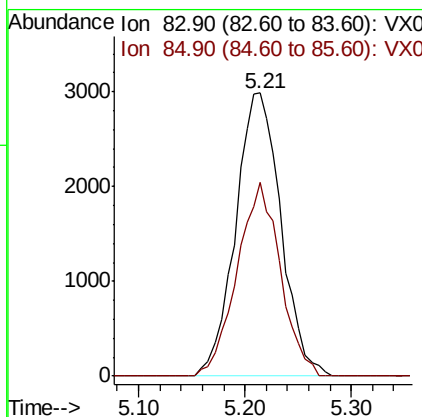
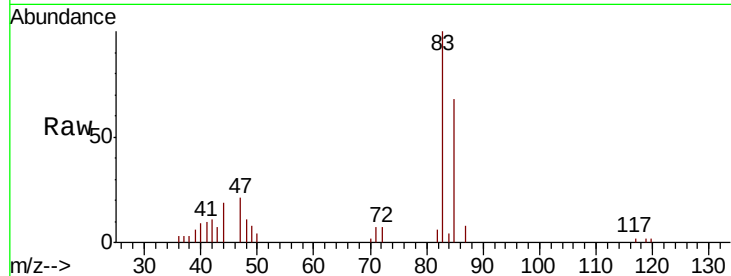
#30
Chloroform
Concen: 1.12 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	8898
Ion Ratio	100	Lower	Upper
83	100		
85	68.4	50.7	76.1

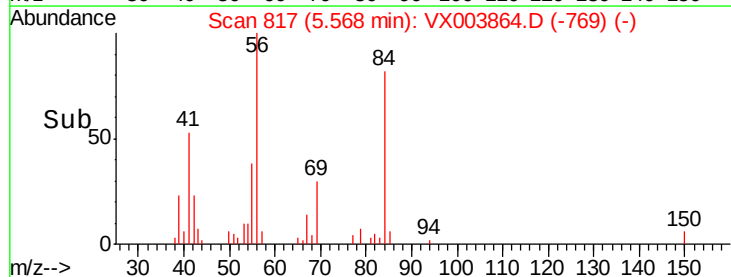
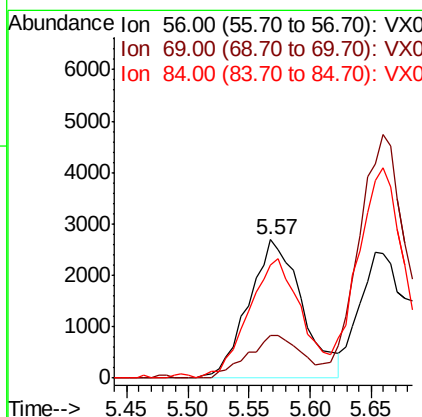
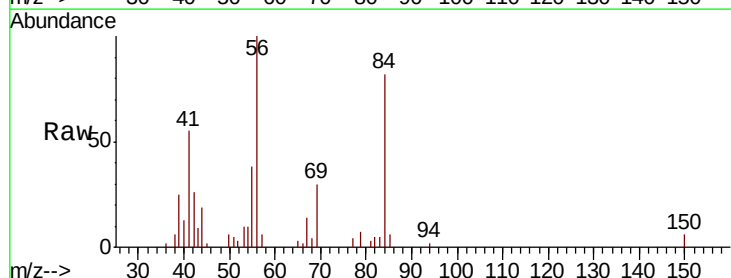
Manual Integrations
APPROVED

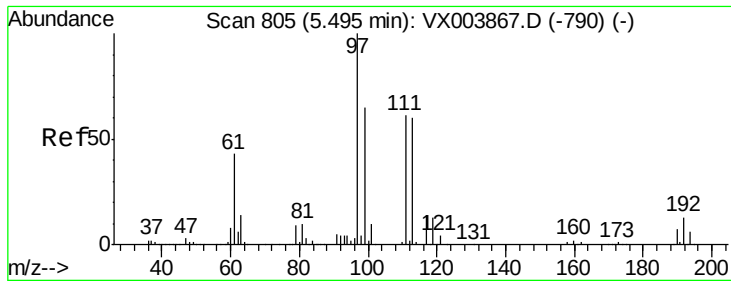
MMDadoda
8/7/2018 1:12:37 PM



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion	56	Resp	8191
Ion Ratio	100	Lower	Upper
56	100		
69	30.4	24.9	37.3
84	79.4	71.7	107.5





#32

1,1,1-Trichloroethane

Concen: 1.02 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

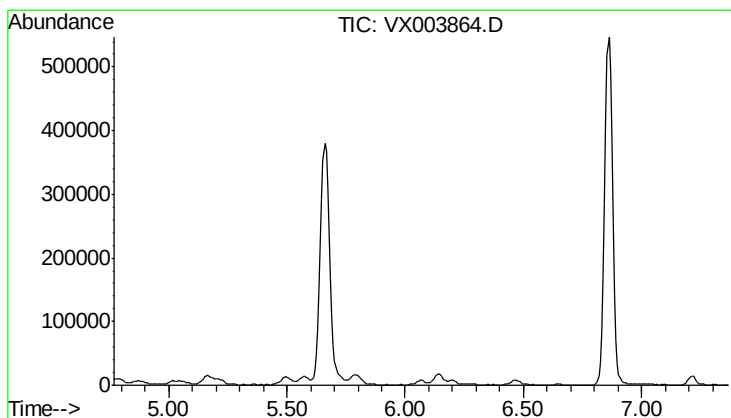
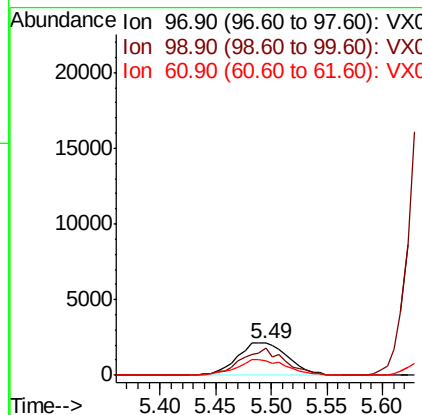
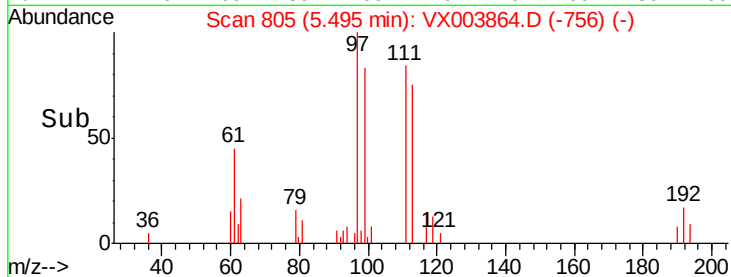
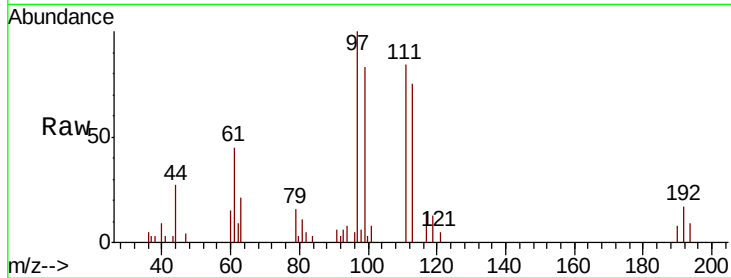
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.8	77.8#	
61	48.1	34.4	51.6	

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX003864.D

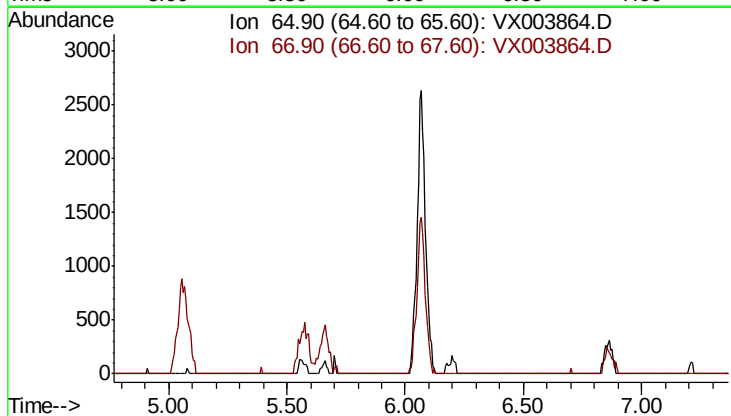
Acq: 06 Aug 2018 16:27

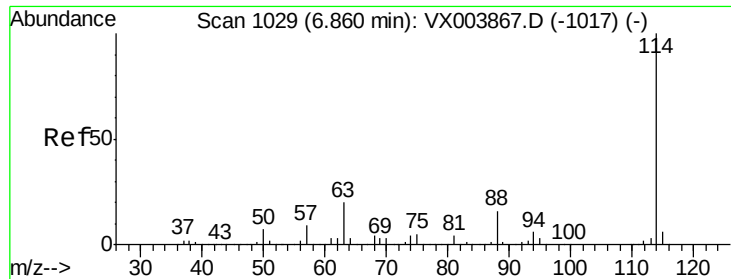
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.9





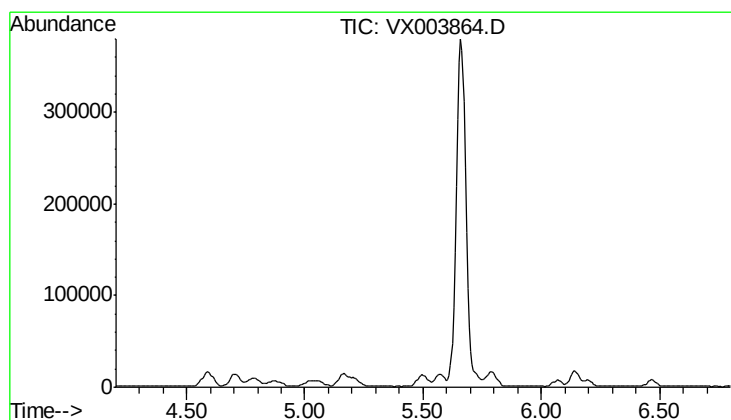
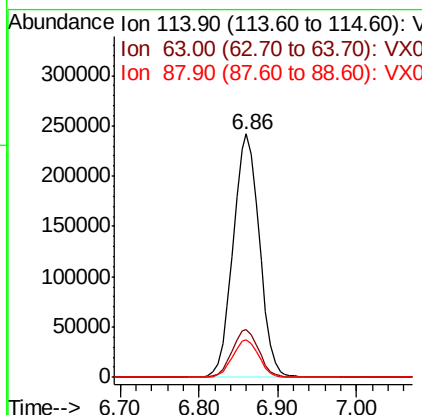
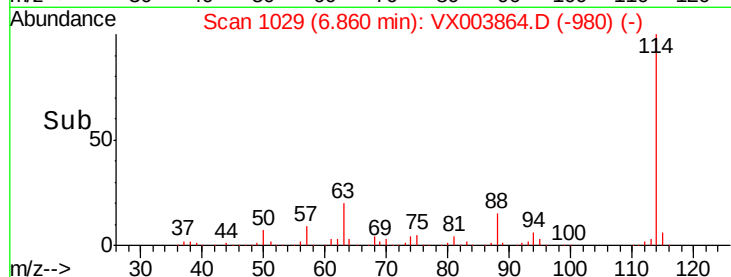
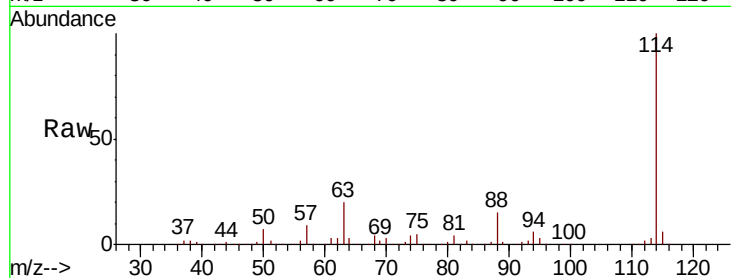
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.3	0.0	32.0

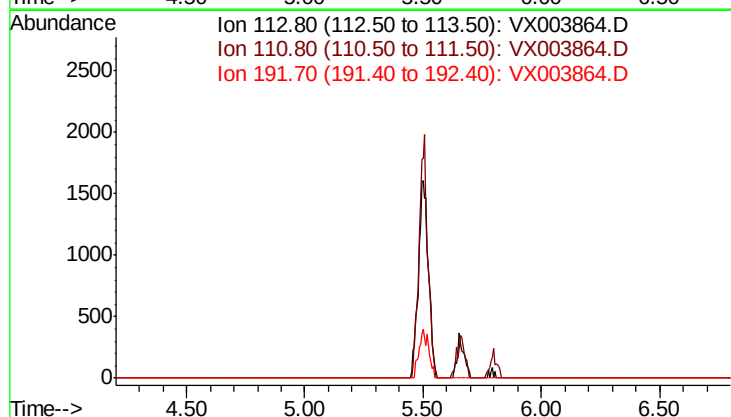
Manual Integrations
 APPROVED

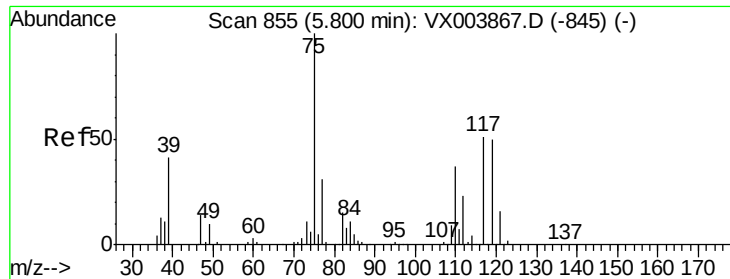
MMDadoda
 8/7/2018 1:12:37 PM



#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 5.50 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Exp Ratio
113	100
111	102.5
192	23.7





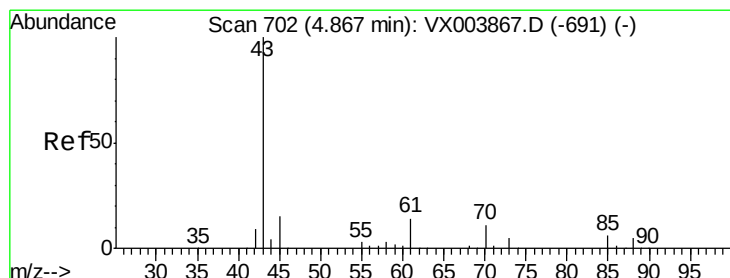
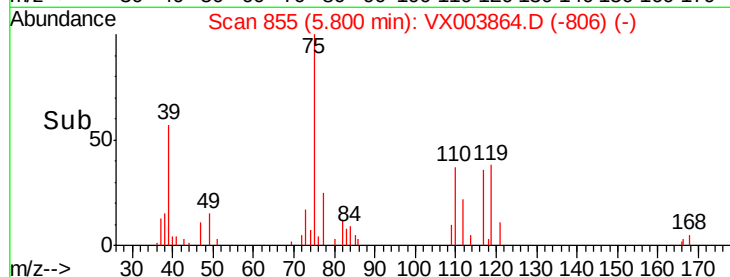
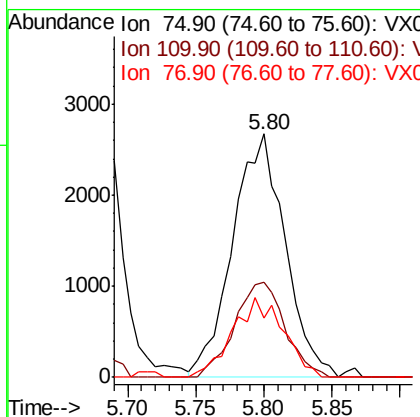
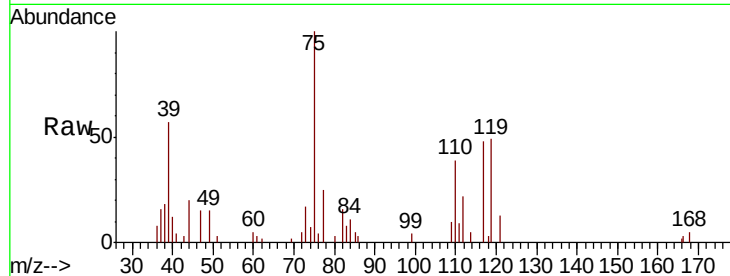
#36
 1,1-Dichloropropene
 Concen: 1.19 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.2	54.6
77	31.7	25.0	37.4

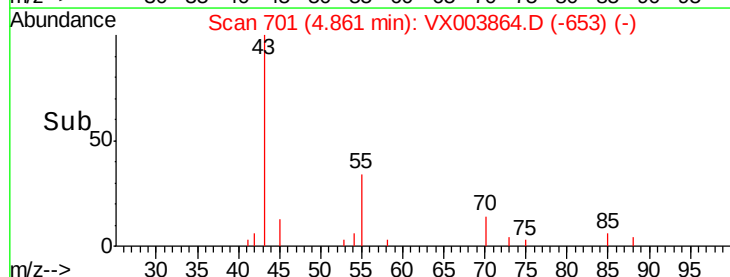
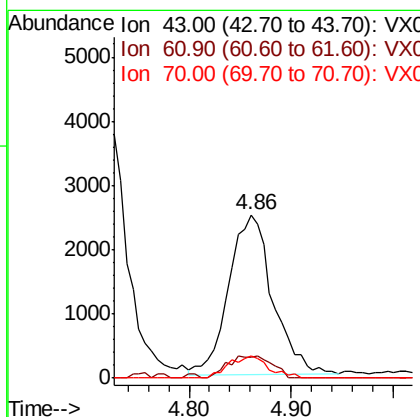
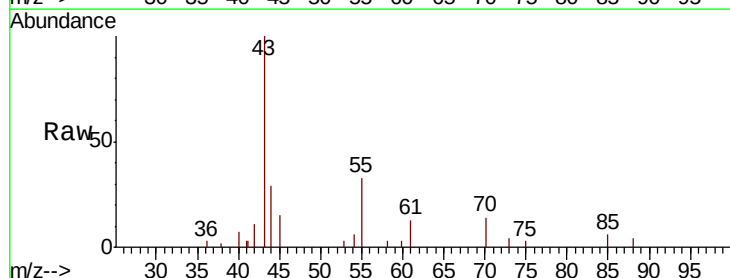
Manual Integrations
 APPROVED

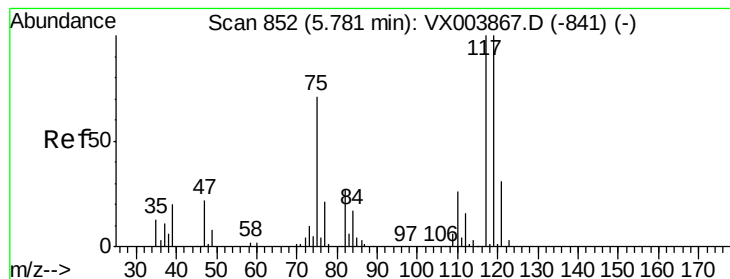
MMDadoda
 8/7/2018 1:12:37 PM



#37
 Ethyl Acetate
 Concen: 1.07 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	12.4	9.0	13.4





#38

Carbon Tetrachloride

Concen: 1.03 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

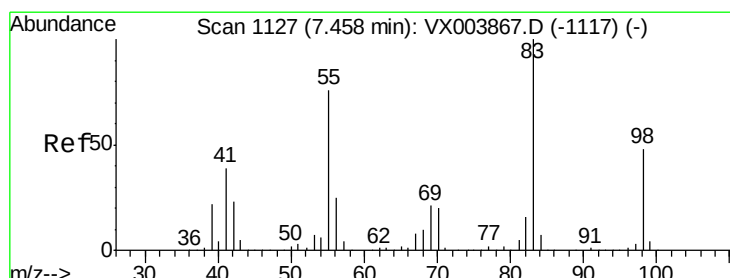
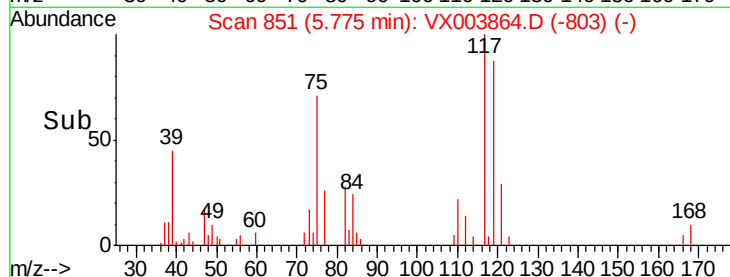
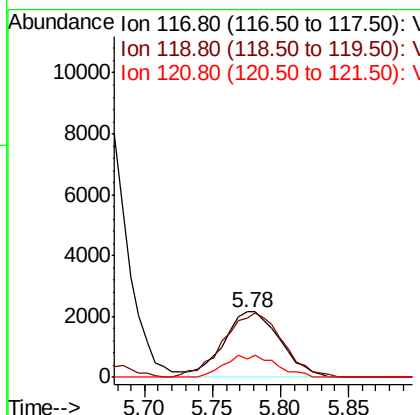
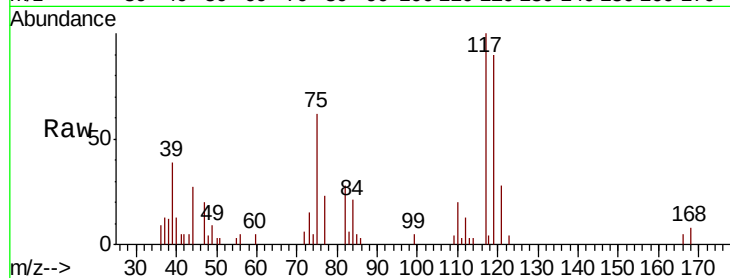
ClientSampled :

VSTDIC001

Tot Ion:	117	Resp:	6214
Ion	Ratio	Lower	Upper
117	100		
119	90.4	79.5	119.3
121	28.2	25.0	37.4

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#39

Methylcyclohexane

Concen: 1.16 ug/l

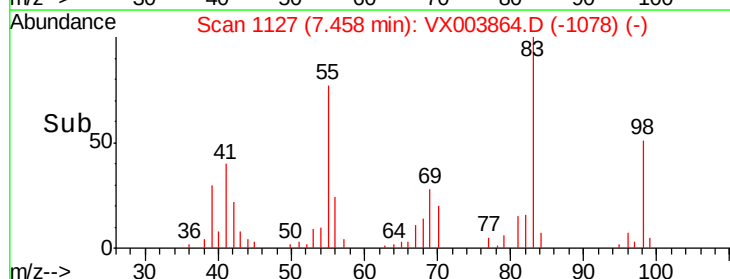
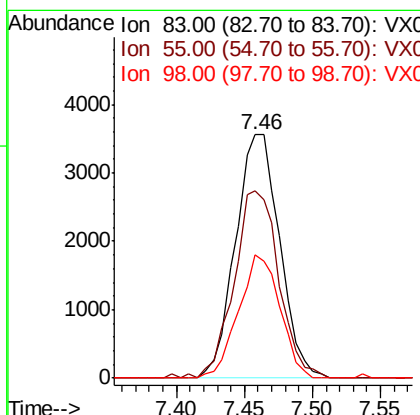
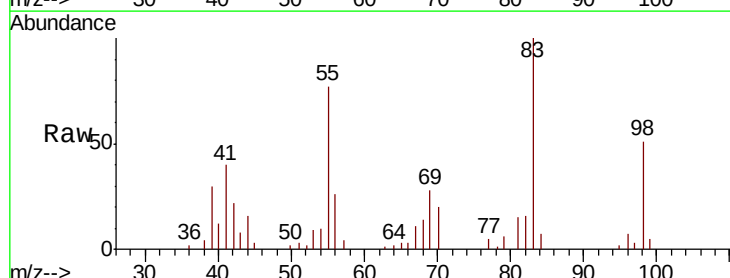
RT: 7.46 min Scan# 1127

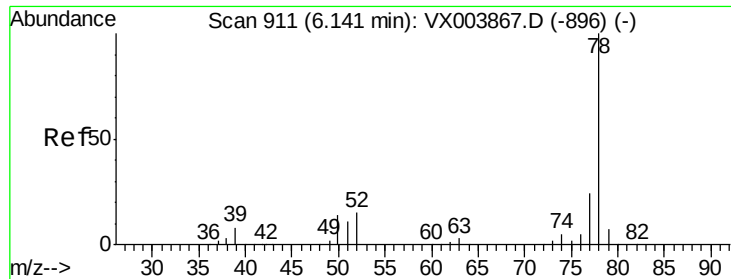
Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Tgt Ion:	83	Resp:	8084
Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.0	91.6
98	50.6	38.6	57.8





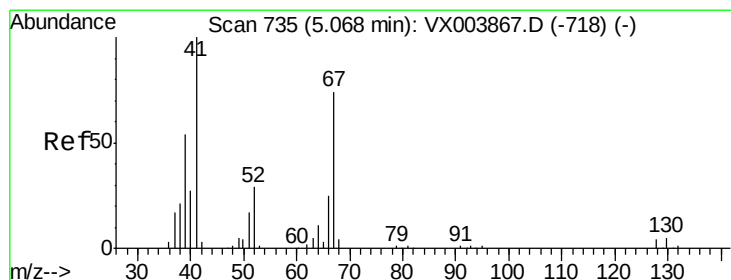
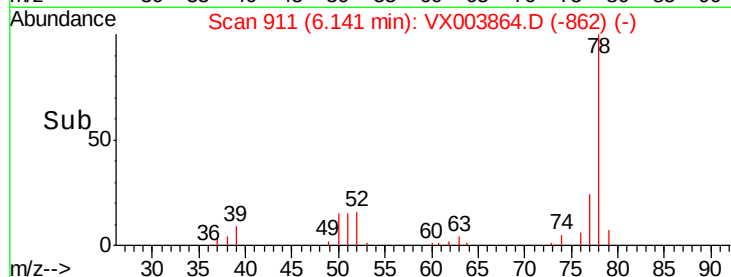
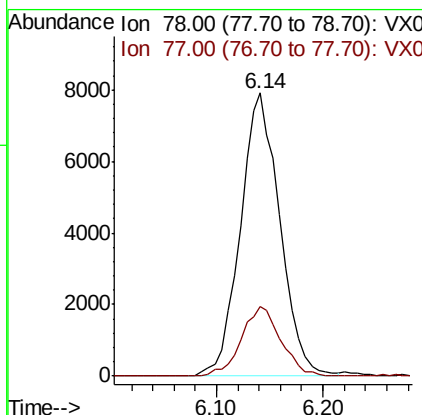
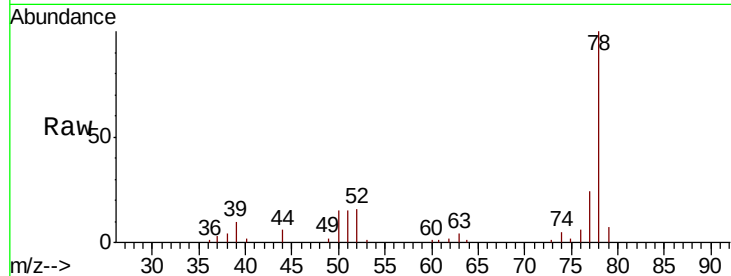
#40
Benzene
Concen: 1.11 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 20594
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

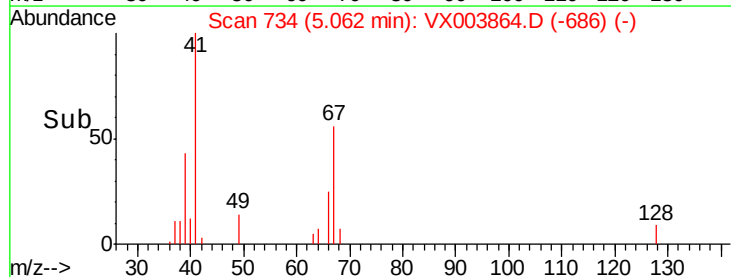
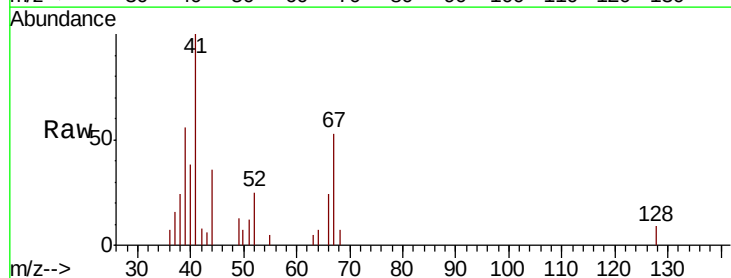
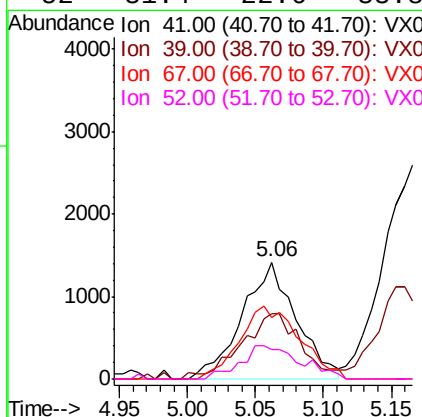
Manual Integrations
APPROVED

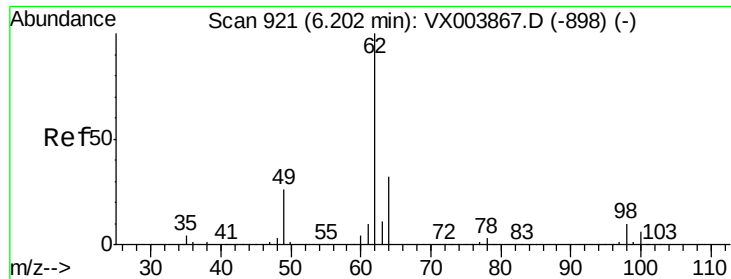
MMDadoda
8/7/2018 1:12:37 PM



#41
Methacrylonitrile
Concen: 1.06 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion: 41 Resp: 3952
Ion Ratio Lower Upper
41 100
39 60.3 42.7 64.1
67 68.7 58.9 88.3
52 31.4 22.6 33.8





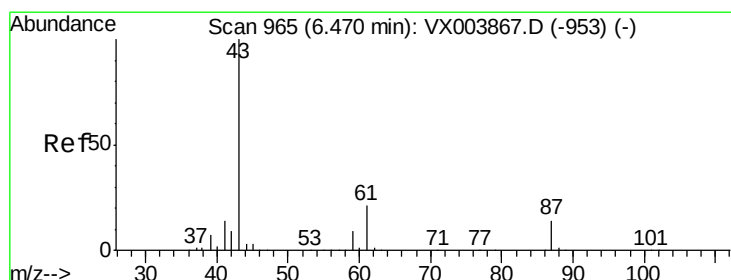
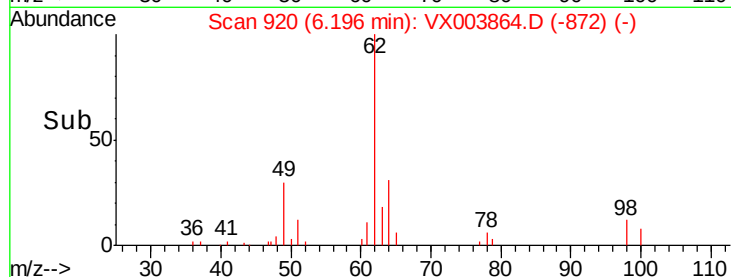
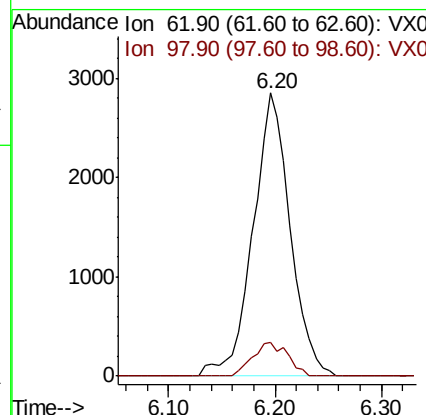
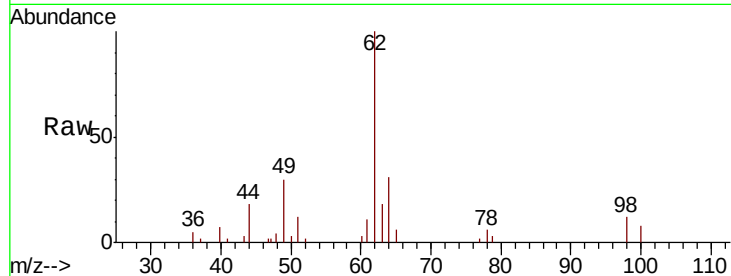
#42
 1,2-Dichloroethane
 Concen: 1.12 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	20.4

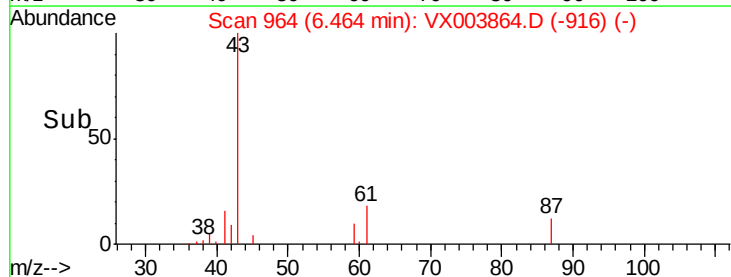
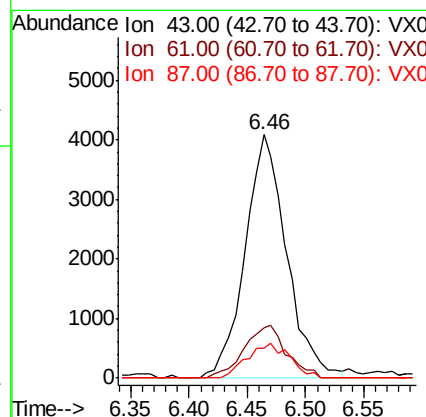
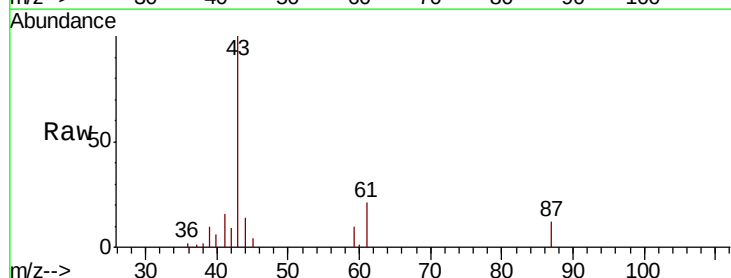
Manual Integrations
 APPROVED

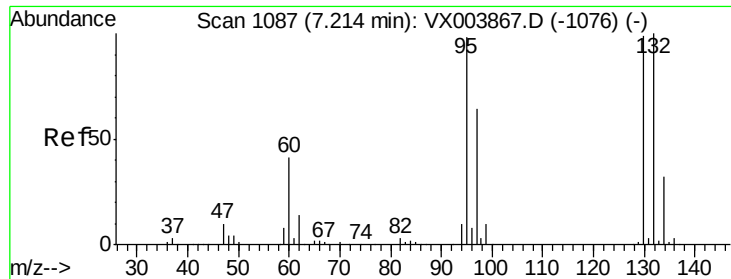
MMDadoda
 8/7/2018 1:12:37 PM



#43
 Isopropyl Acetate
 Concen: 0.98 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.9	25.3
87	14.5	11.3	16.9





#44

Trichloroethene

Concen: 1.18 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5941

Ion Ratio Lower Upper

130 100

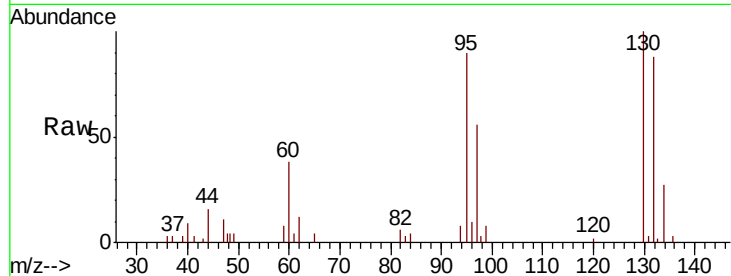
95 90.2 0.0 199.4

Manual Integrations

APPROVED

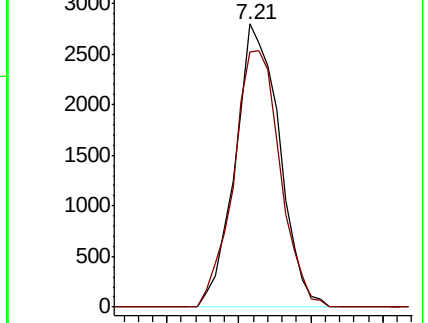
MMDadoda

8/7/2018 1:12:37 PM

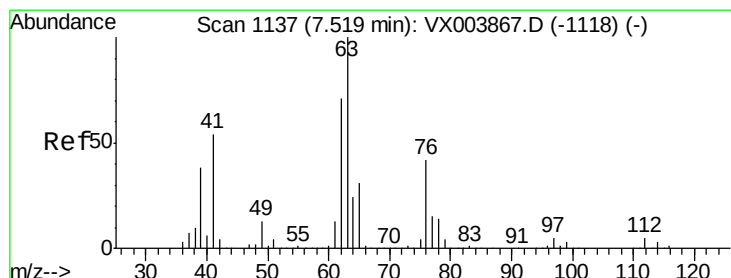
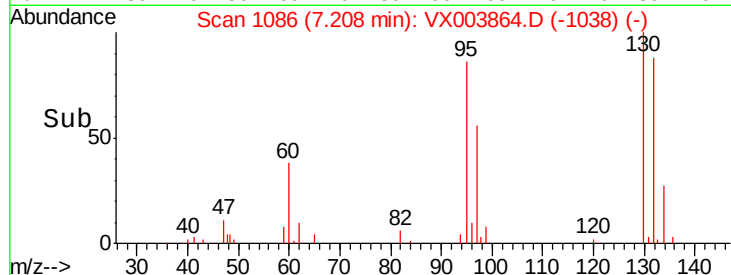


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->



#45

1,2-Dichloropropane

Concen: 1.11 ug/l

RT: 7.51 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VX003864.D

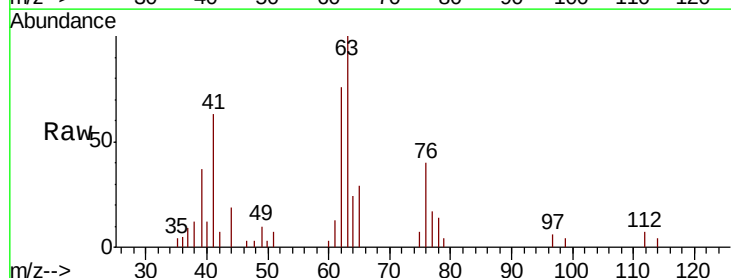
Acq: 06 Aug 2018 16:27

Tgt Ion: 63 Resp: 5353

Ion Ratio Lower Upper

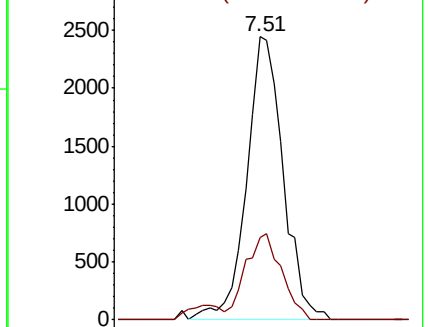
63 100

65 29.2 24.6 36.8

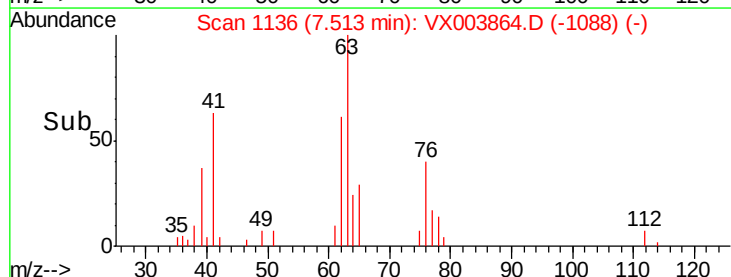


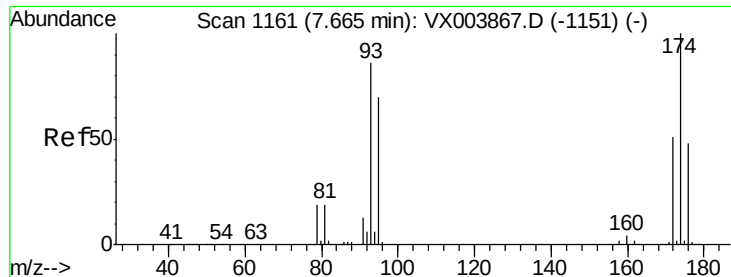
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->





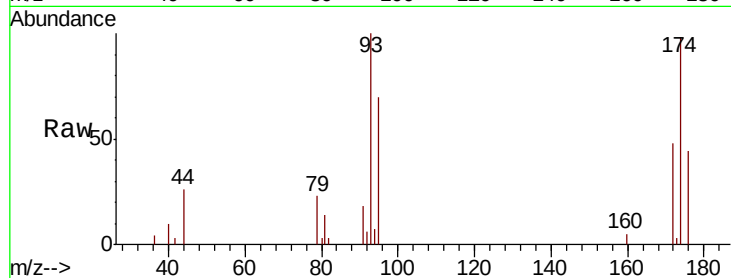
#46
Dibromomethane
Concen: 1.15 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

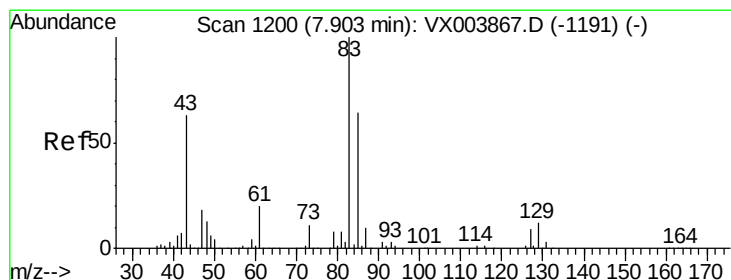
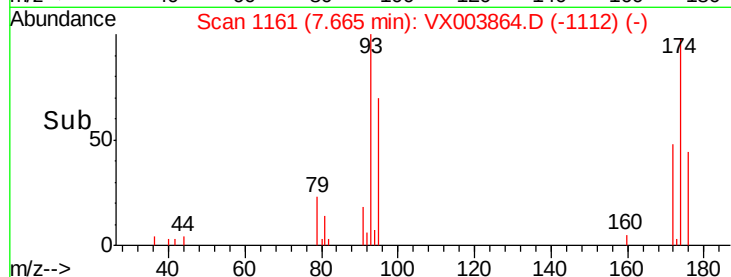
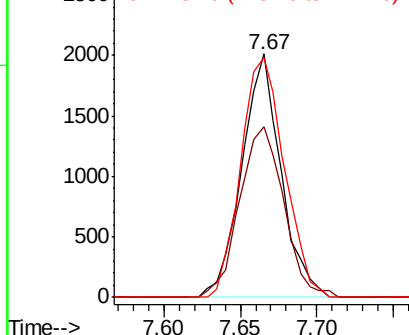
Tot Ion	Ratio	Lower	Upper
93	100		
95	79.4	66.4	99.6
174	110.1	94.3	141.5

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



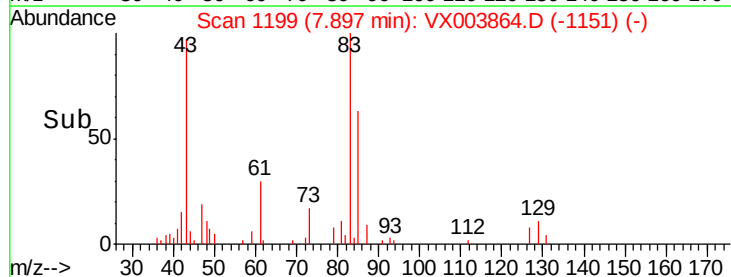
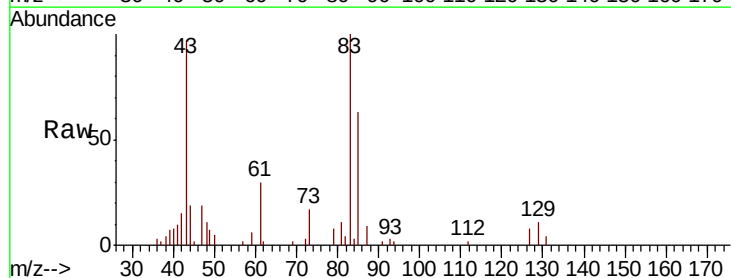
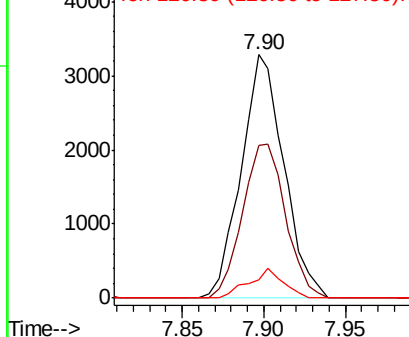
Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

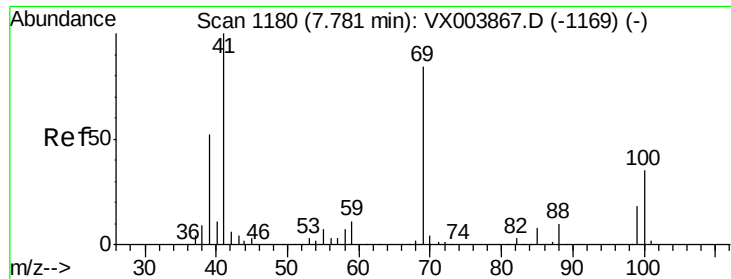


#47
Bromodichloromethane
Concen: 1.02 ug/l
RT: 7.90 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.2	76.8
127	7.5	7.2	10.8

Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





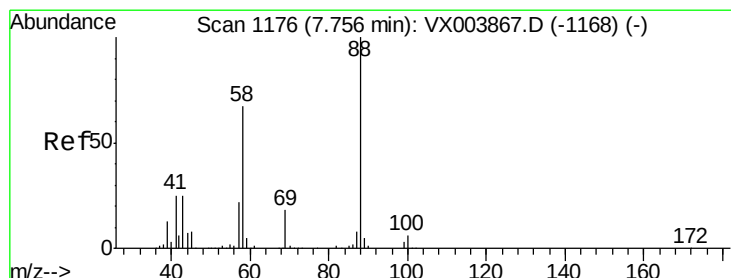
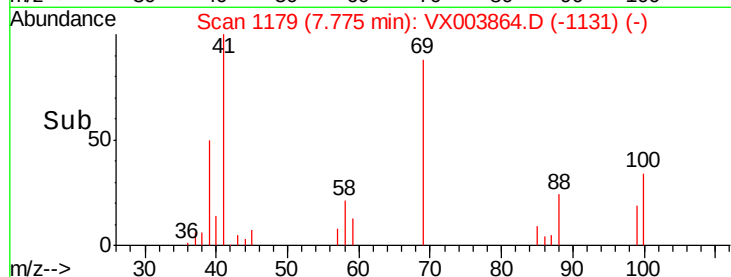
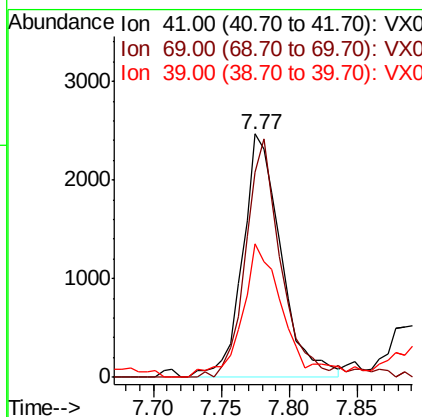
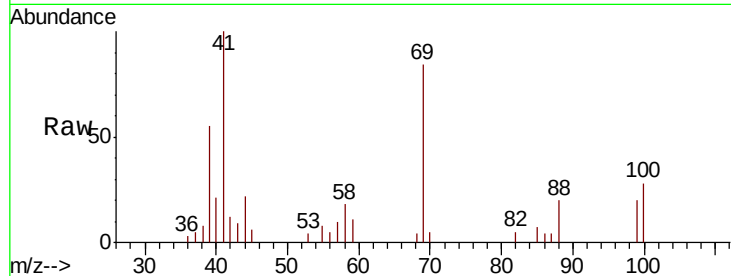
#48
Methvl methacrylate
Concen: 0.93 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	4868
Ion	Ratio	Lower	Upper
41	100		
69	88.5	68.8	103.2
39	55.3	42.3	63.5

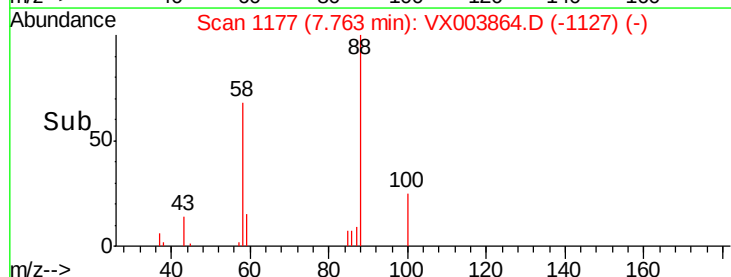
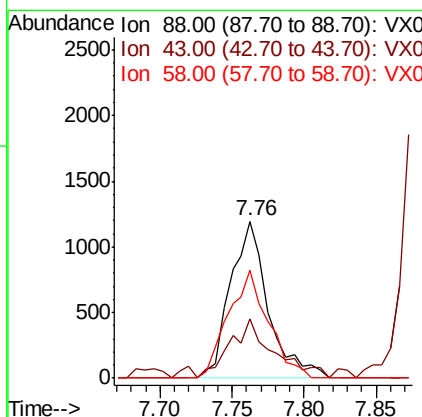
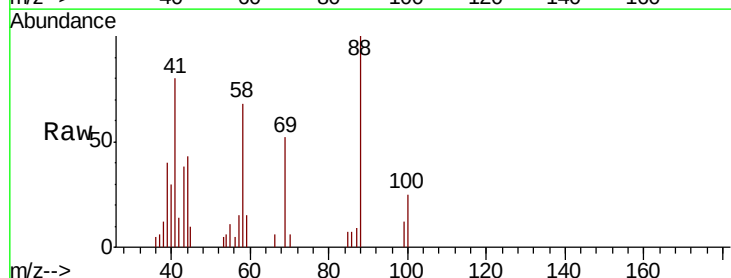
Manual Integrations
APPROVED

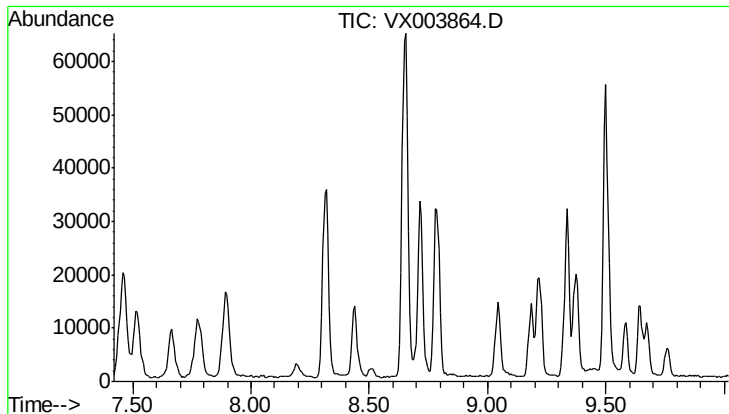
MMDadoda
8/7/2018 1:12:37 PM



#49
1,4-Dioxane
Concen: 17.71 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion:	88	Resp:	2199
Ion	Ratio	Lower	Upper
88	100		
43	43.5	23.8	35.8#
58	72.4	55.4	83.0





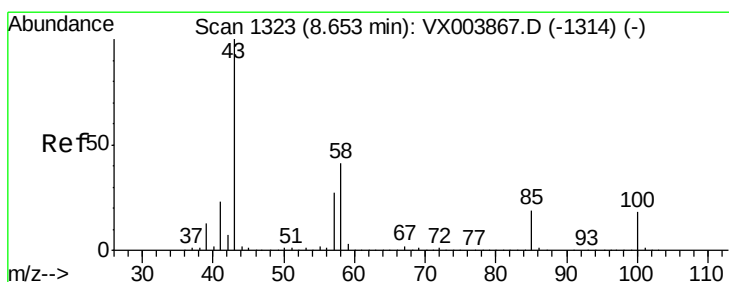
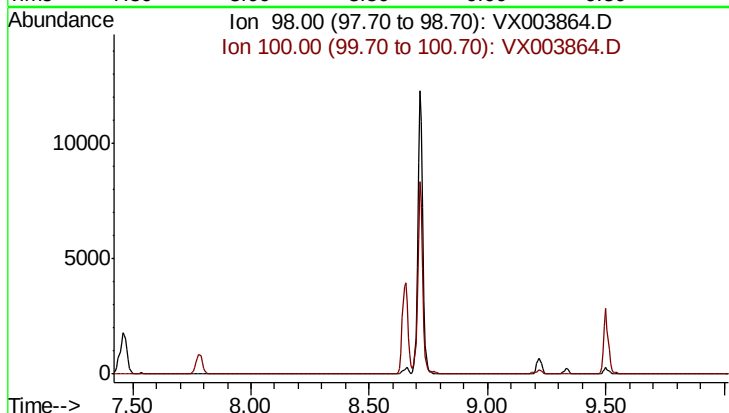
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.72 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 66.6

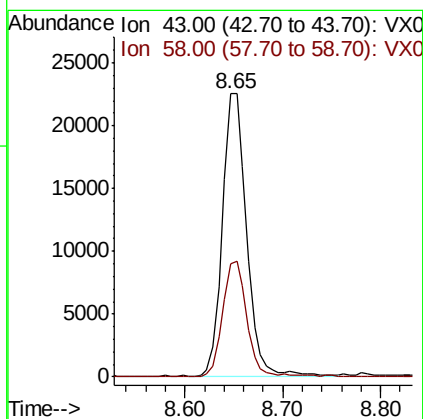
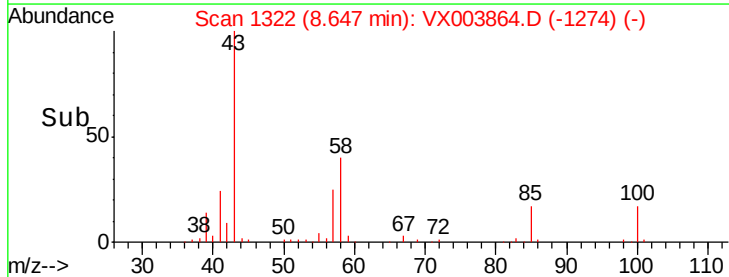
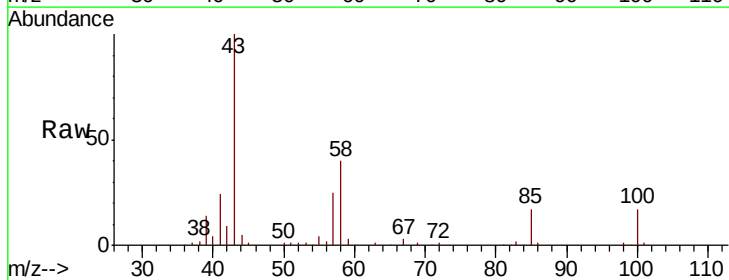
Manual Integrations
APPROVED

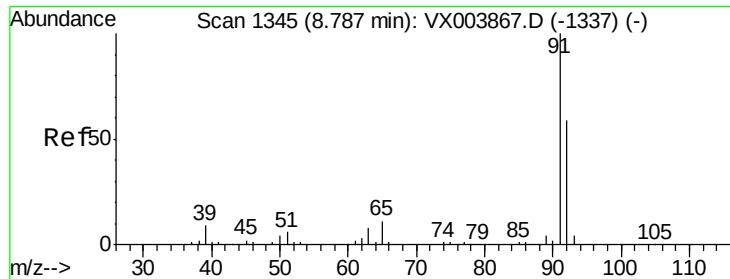
MMDadoda
8/7/2018 1:12:37 PM



#51
4-Methyl-2-Pentanone
Concen: 4.52 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion: 43 Resp: 39099
Ion Ratio Lower Upper
43 100
58 40.7 33.0 49.6





#52

Toluene

Concen: 1.04 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 11941

Ion Ratio Lower Upper

92 100

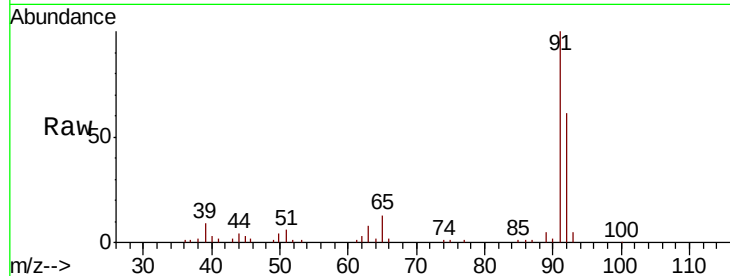
91 178.1 136.1 204.1

Manual Integrations

APPROVED

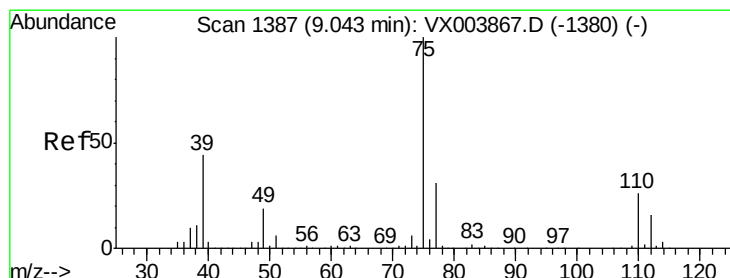
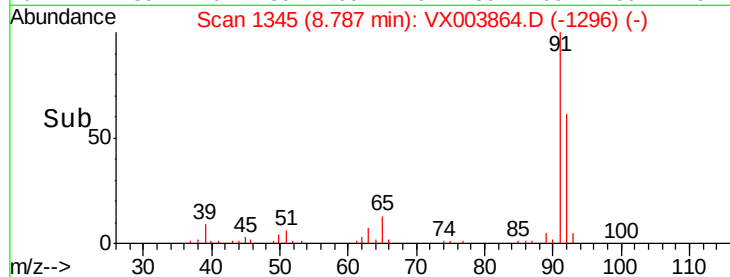
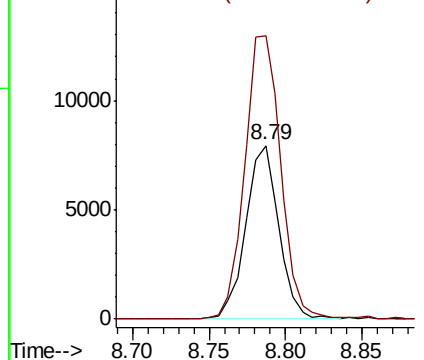
MMDadoda

8/7/2018 1:12:37 PM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.98 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003864.D

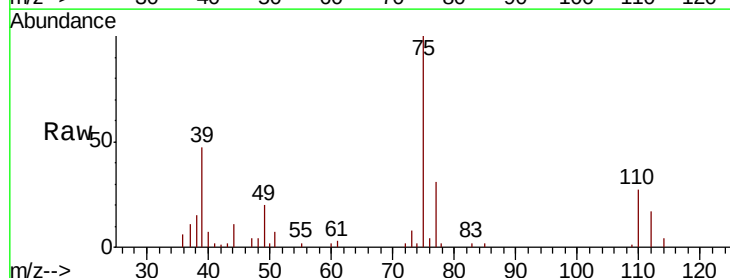
Acq: 06 Aug 2018 16:27

Tgt Ion: 75 Resp: 6304

Ion Ratio Lower Upper

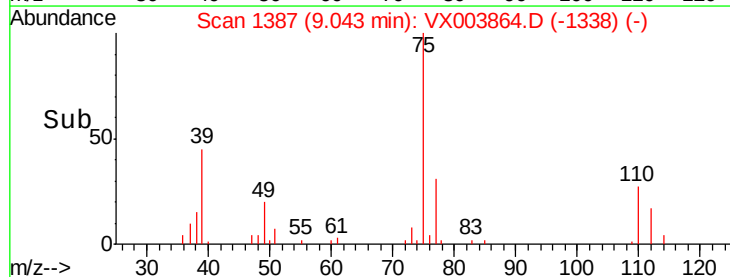
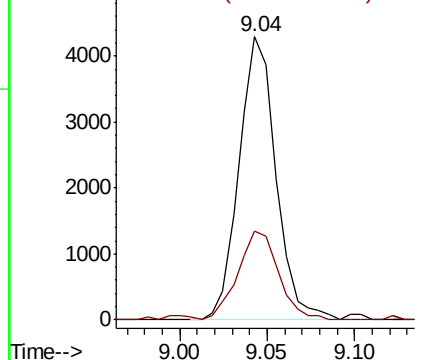
75 100

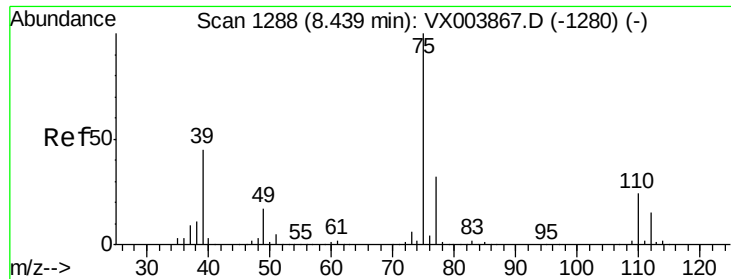
77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





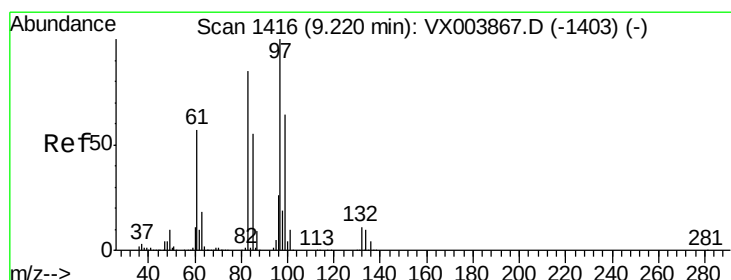
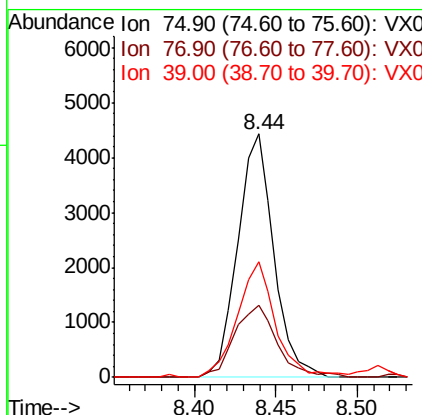
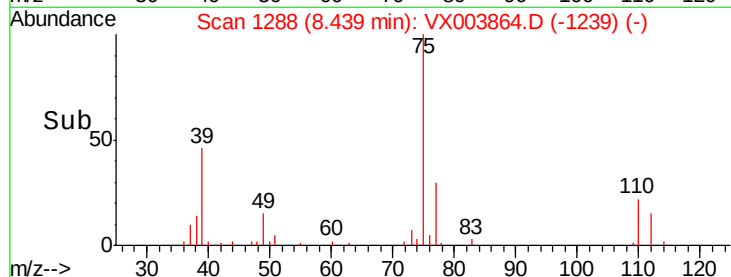
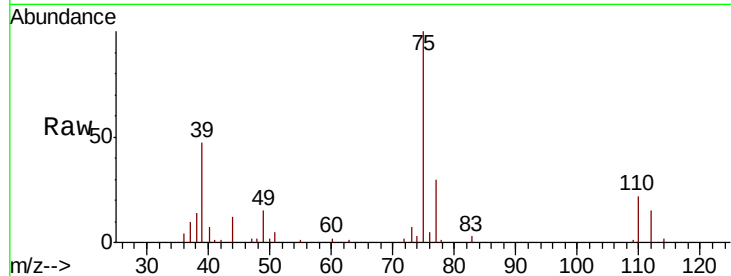
#54
 cis-1,3-Dichloropropene
 Concen: 0.97 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.3	37.9
39	47.5	36.2	54.2

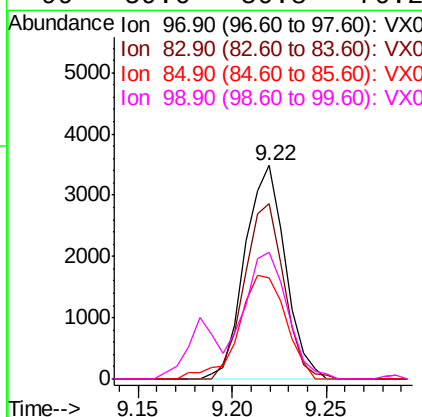
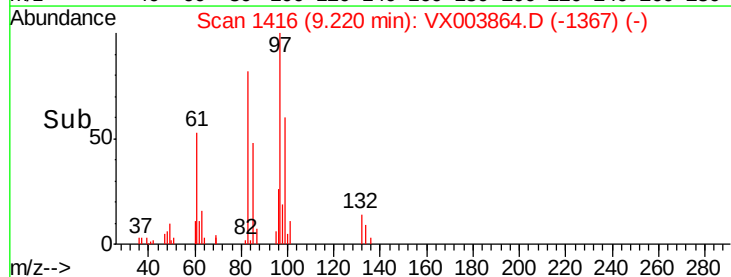
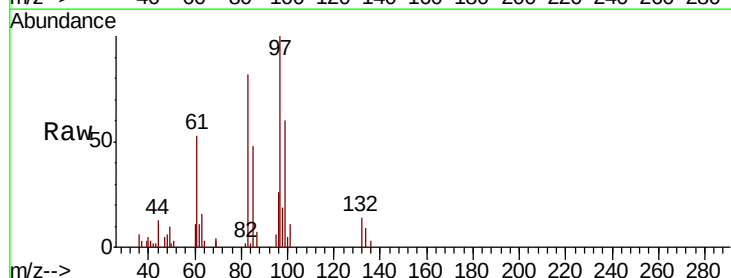
Manual Integrations
 APPROVED

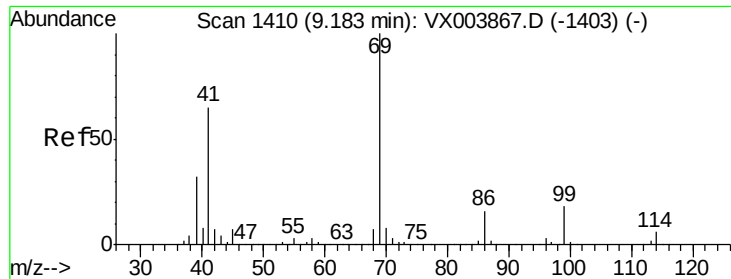
MMDadoda
 8/7/2018 1:12:37 PM



#55
 1,1,2-Trichloroethane
 Concen: 1.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.8	101.6
85	47.6	44.2	66.2
99	59.6	50.8	76.2





#56

Ethyl methacrylate

Concen: 0.89 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

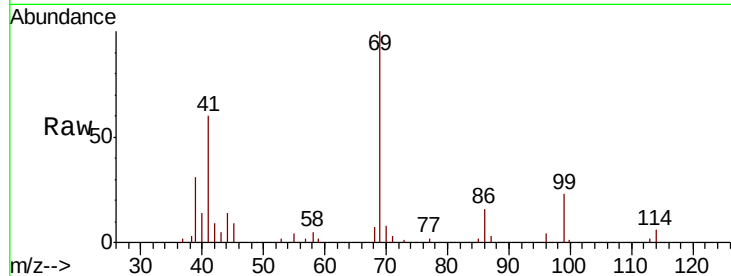
ClientSampleId :

VSTDIC001

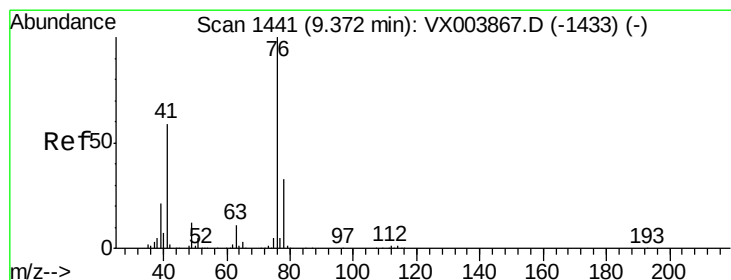
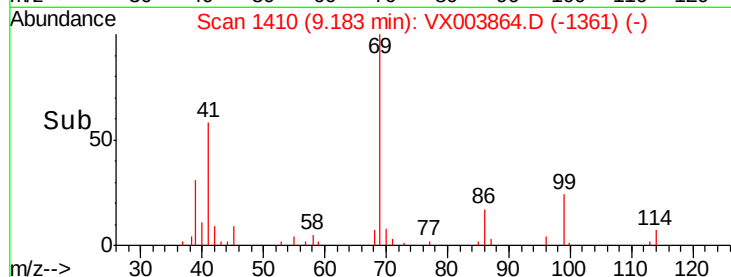
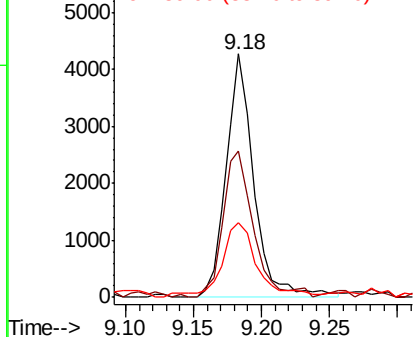
Tot Ion:	69	Resp:	6037
Ion	Ratio	Lower	Upper
69	100		
41	65.8	50.6	76.0
39	39.7	25.8	38.6#

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.09 ug/l

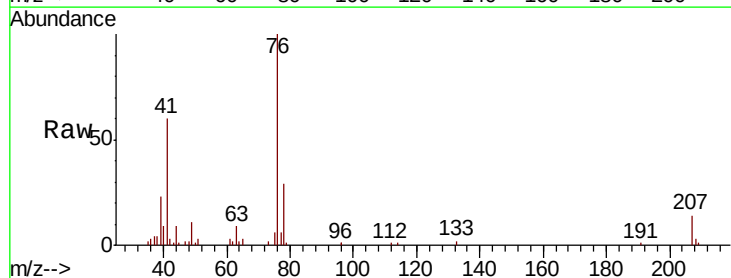
RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

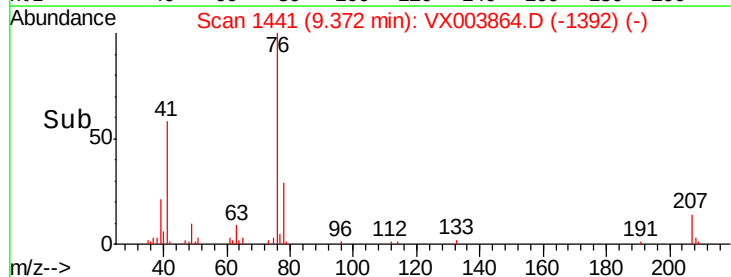
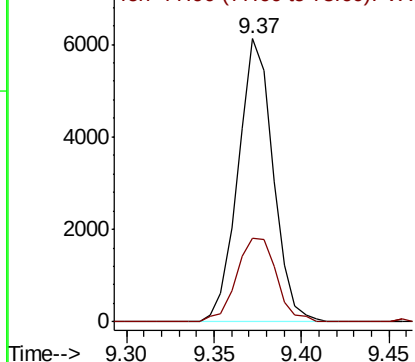
Lab File: VX003864.D

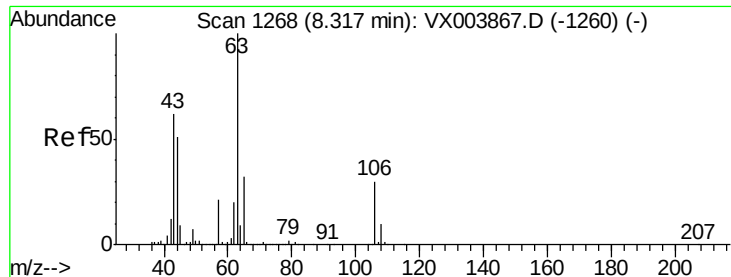
Acq: 06 Aug 2018 16:27

Tgt Ion:	76	Resp:	8545
Ion	Ratio	Lower	Upper
76	100		
78	33.6	25.9	38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0





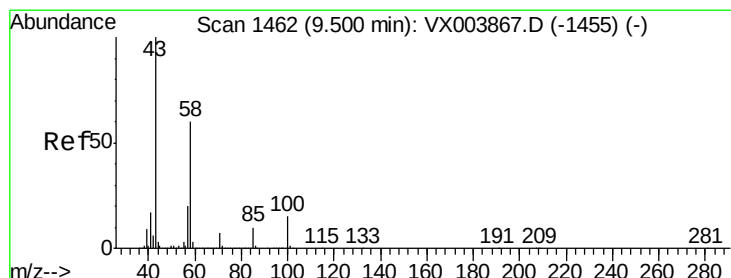
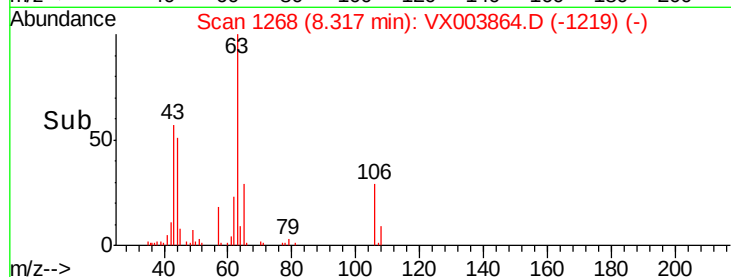
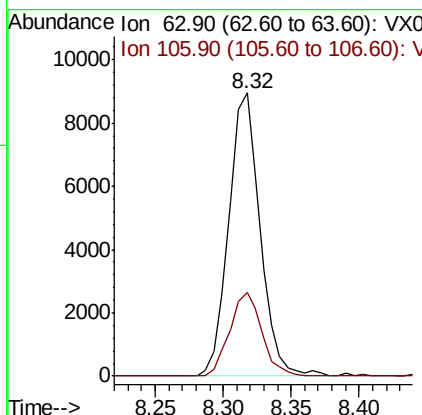
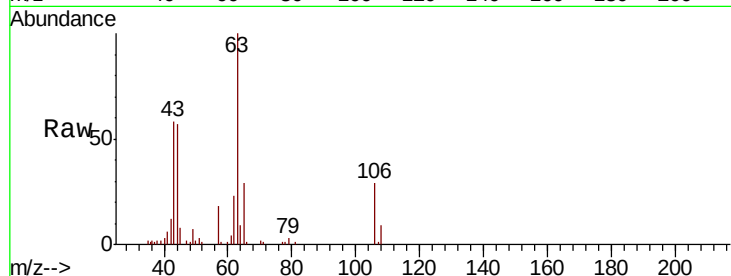
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.14 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
106	30.1	23.8	35.8

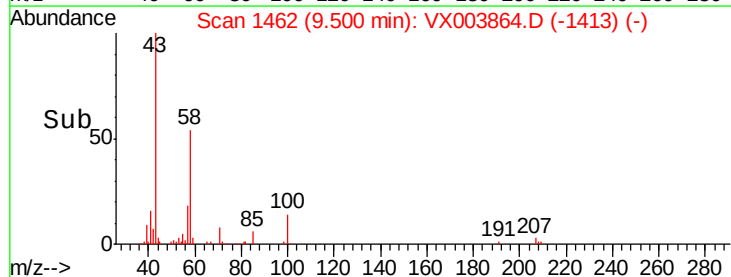
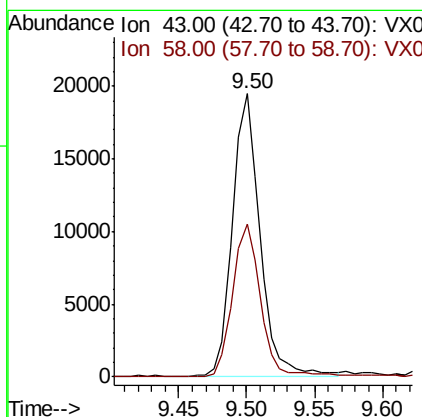
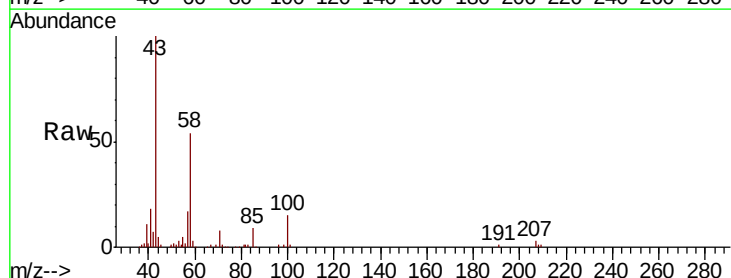
Manual Integrations
 APPROVED

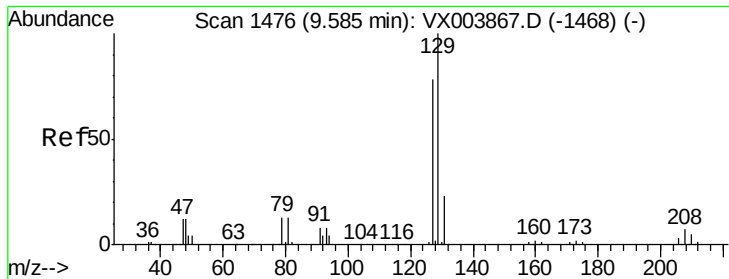
MMDadoda
 8/7/2018 1:12:37 PM



#59
 2-Hexanone
 Concen: 4.20 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.7	29.0	87.0





#60

Dibromochloromethane

Concen: 0.91 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 4275

Ion Ratio Lower Upper

129 100

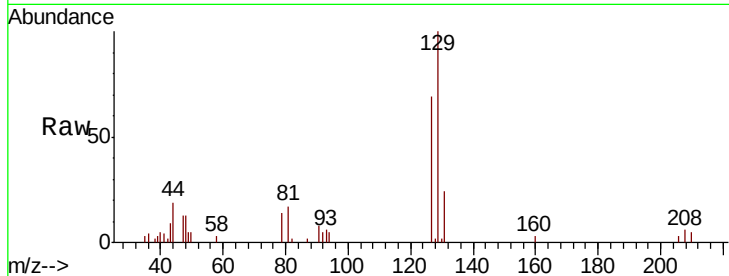
127 78.1 38.8 116.3

Manual Integrations

APPROVED

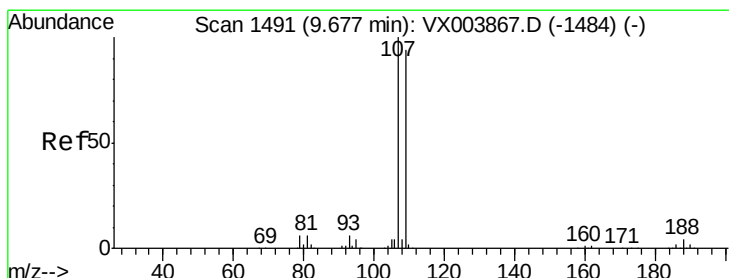
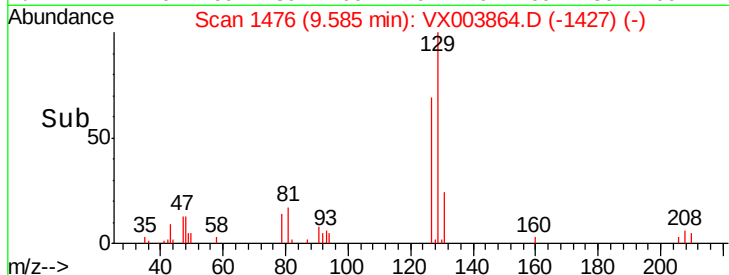
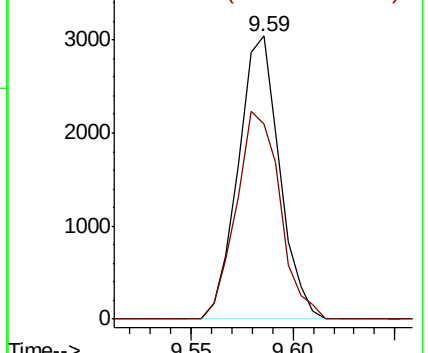
MMDadoda

8/7/2018 1:12:37 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.02 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003864.D

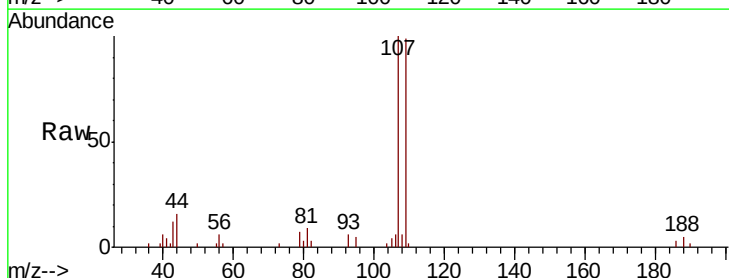
Acq: 06 Aug 2018 16:27

Tgt Ion:107 Resp: 5046

Ion Ratio Lower Upper

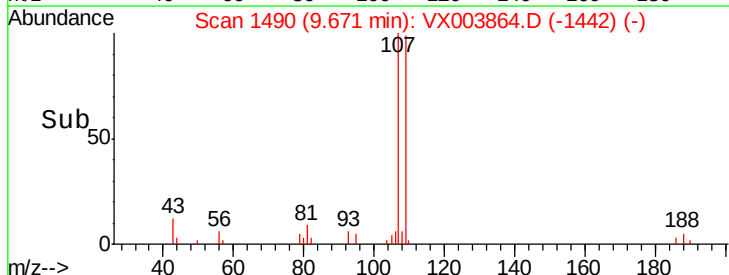
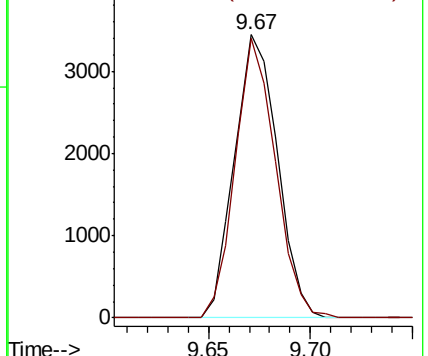
107 100

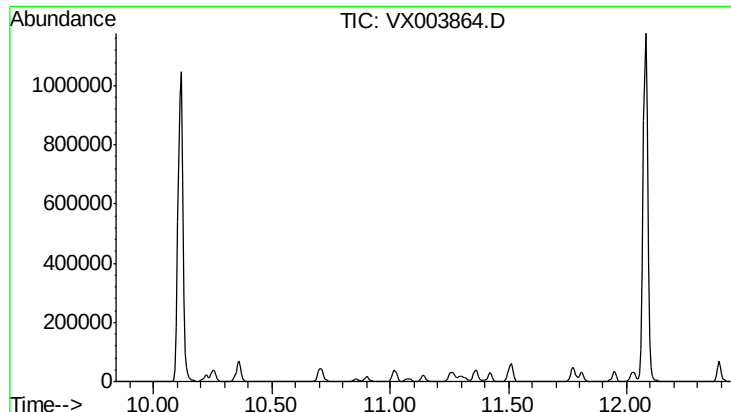
109 92.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





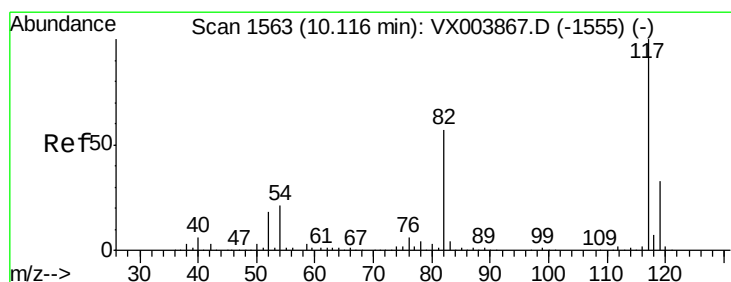
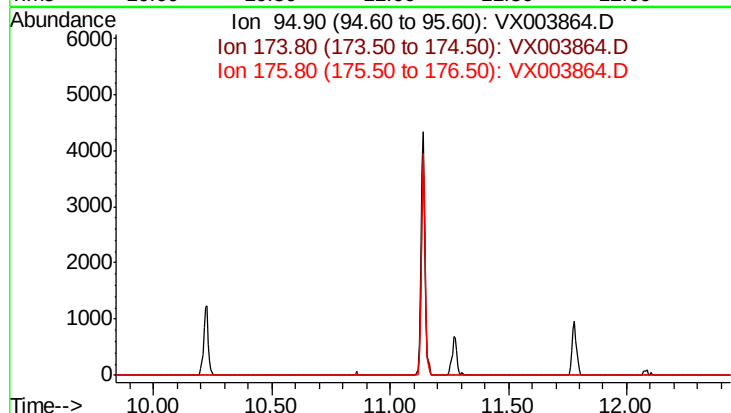
#62
4-Bromofluorobenzene
Concen: 0.00 ug/l
Expected RT: 11.14 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

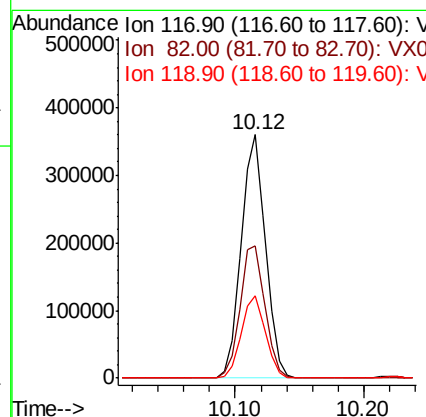
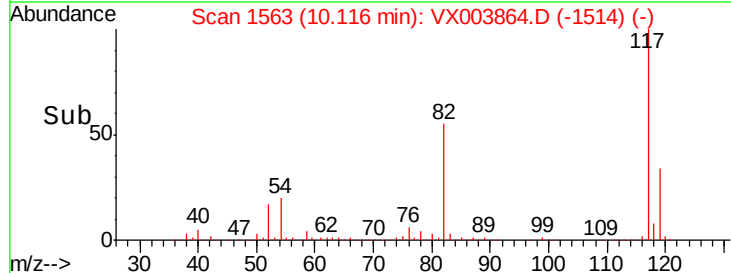
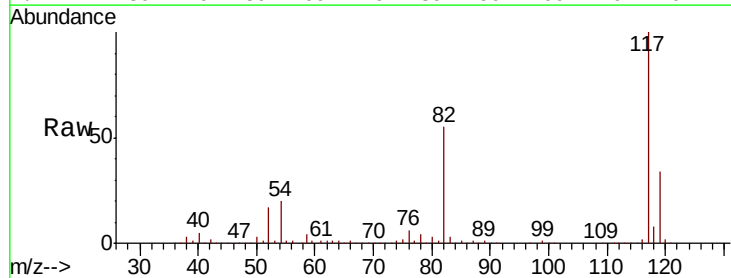
MMDadoda
8/7/2018 1:12:37 PM

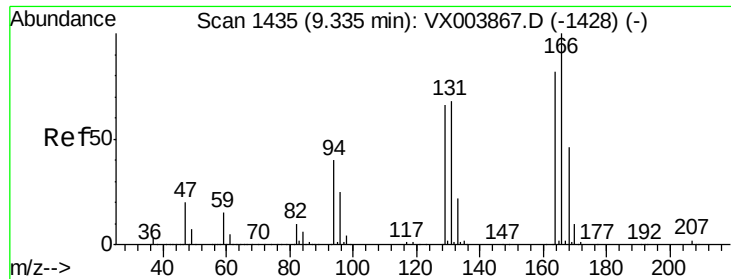
Tot Ion	95
Sig	Exp Ratio
95	100
174	91.4
176	89.5



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion	117	Resp	471565
Ion Ratio	Lower	Upper	
117	100		
82	54.6	45.4	68.0
119	33.8	26.6	40.0





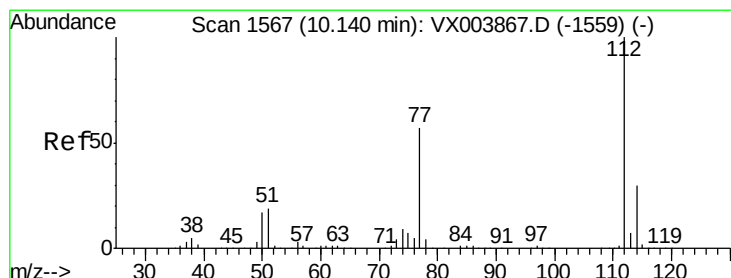
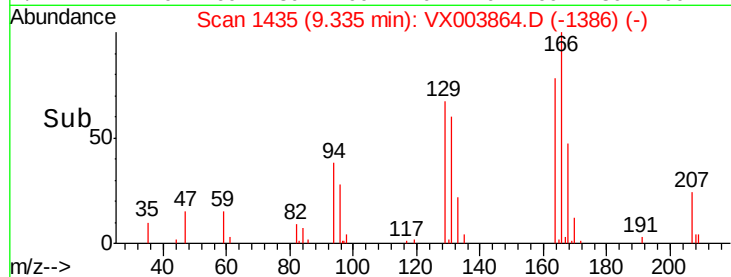
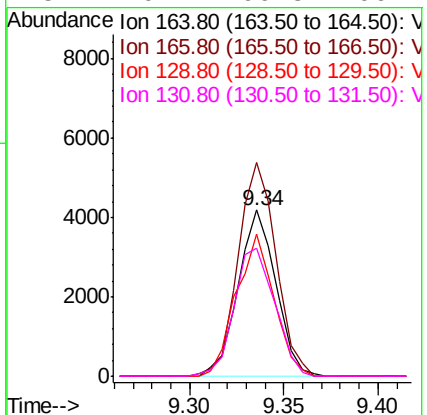
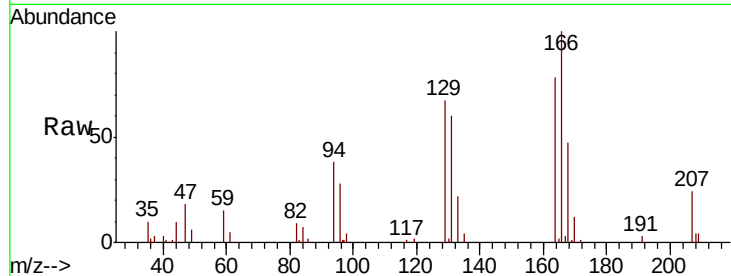
#64
 Tetrachloroethene
 Concen: 1.33 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	164	Resp:	5791
Ion	Ratio	Lower	Upper
164	100		
166	128.5	98.0	147.0
129	85.9	64.3	96.5
131	76.7	66.8	100.2

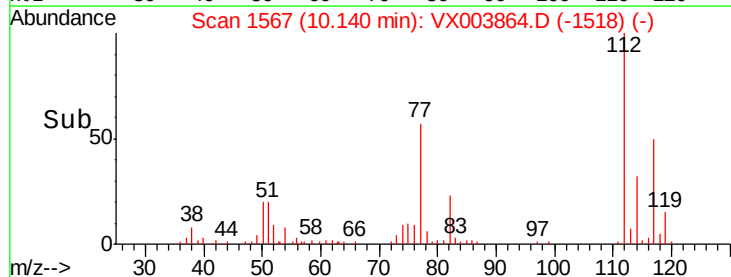
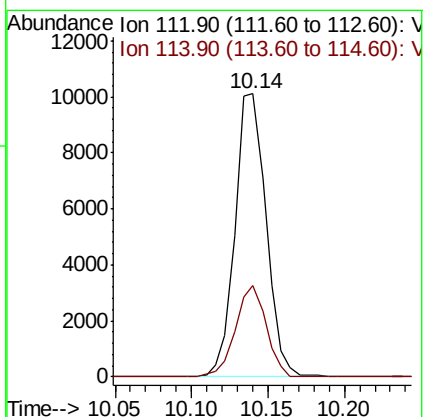
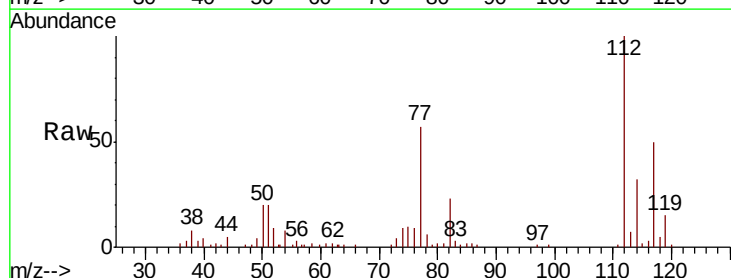
Manual Integrations
 APPROVED

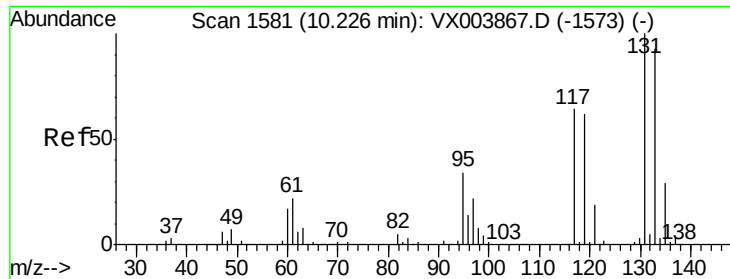
MMDadoda
 8/7/2018 1:12:37 PM



#65
 Chlorobenzene
 Concen: 1.21 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion:	112	Resp:	14280
Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.6	35.4





#66

1,1,1,2-Tetrachloroethane

Concen: 1.01 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

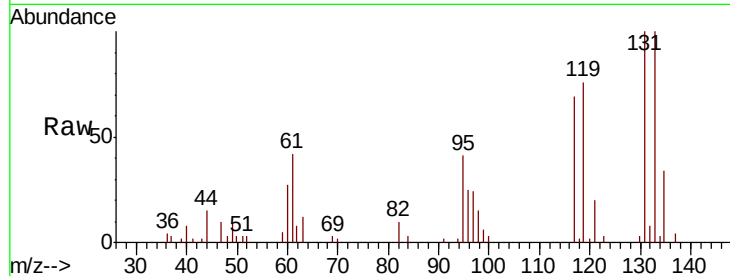
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	100.1	47.3	141.8
119	0.0	31.6	94.8#

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM

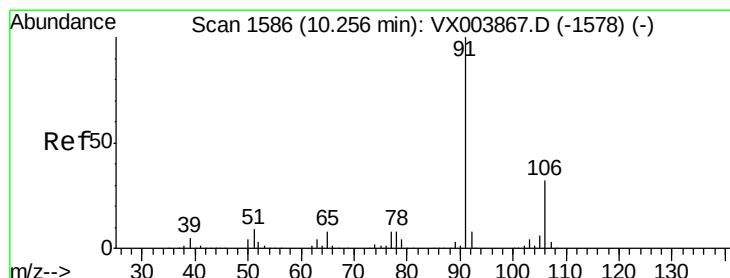
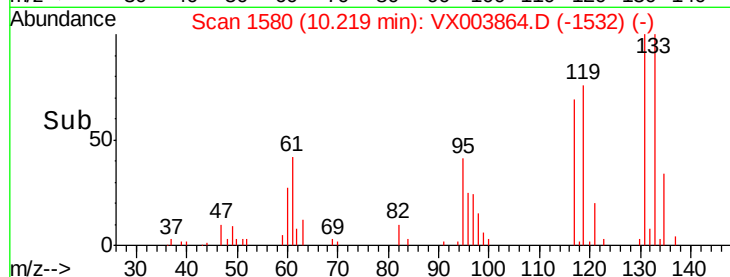
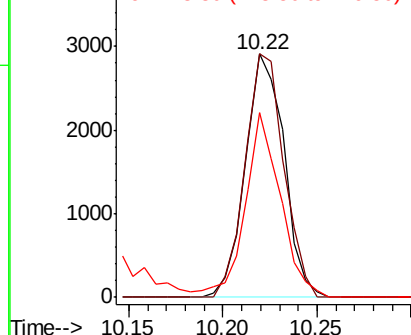


Abundance

Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.12 ug/l

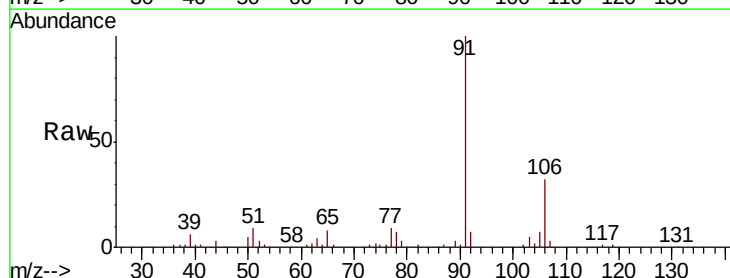
RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

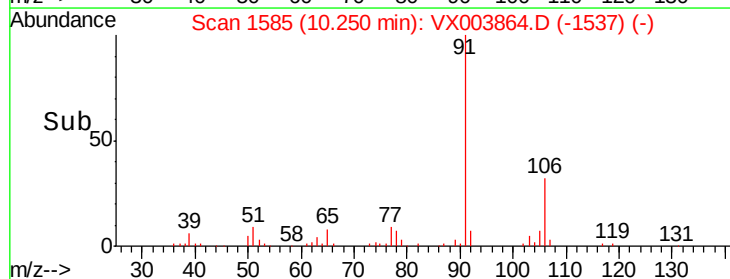
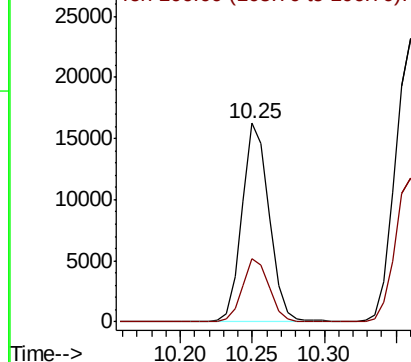
Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.9	38.9

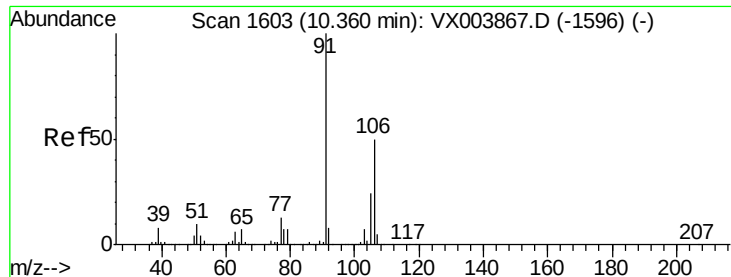


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.25 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:106 Resp: 16564

Ion Ratio Lower Upper

106 100

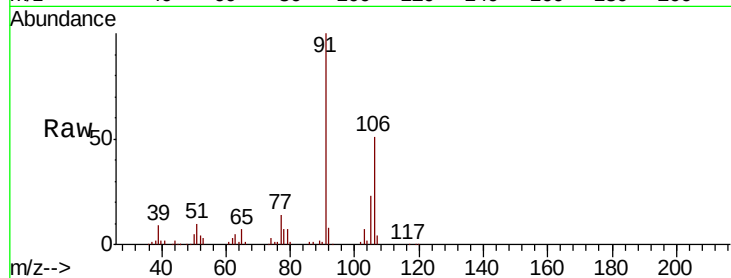
91 192.7 162.3 243.5

Manual Integrations

APPROVED

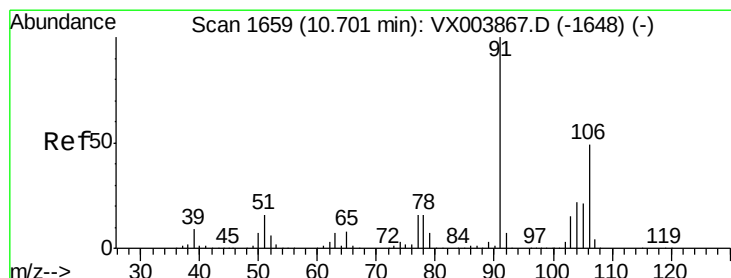
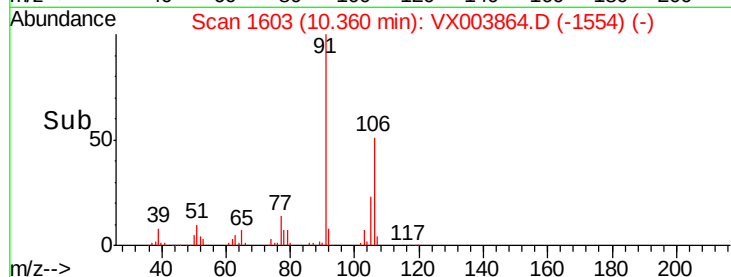
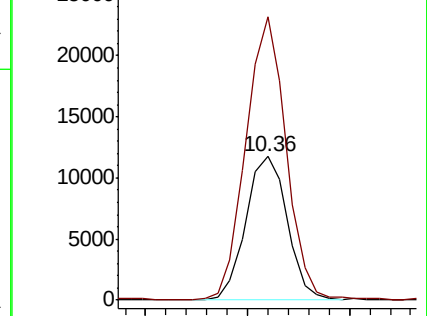
MMDadoda

8/7/2018 1:12:37 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.04 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX003864.D

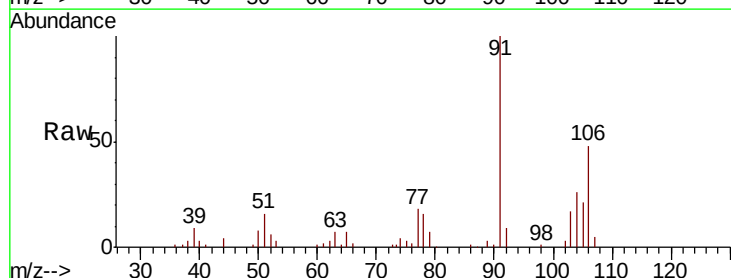
Acq: 06 Aug 2018 16:27

Tgt Ion:106 Resp: 7377

Ion Ratio Lower Upper

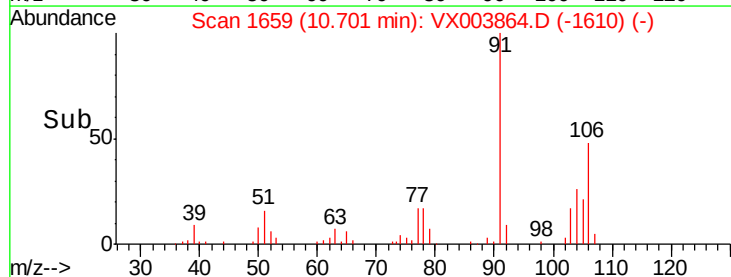
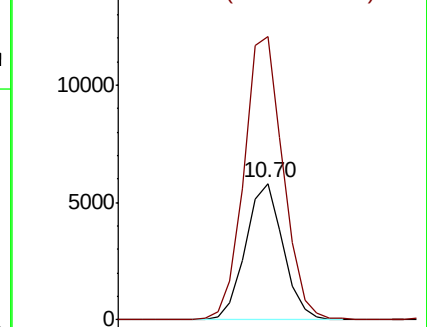
106 100

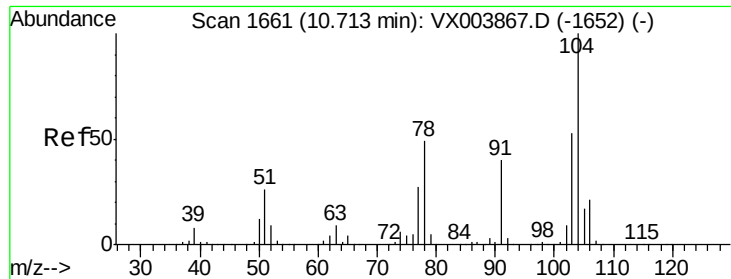
91 216.6 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





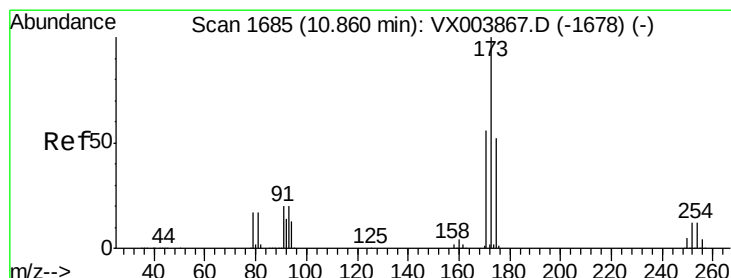
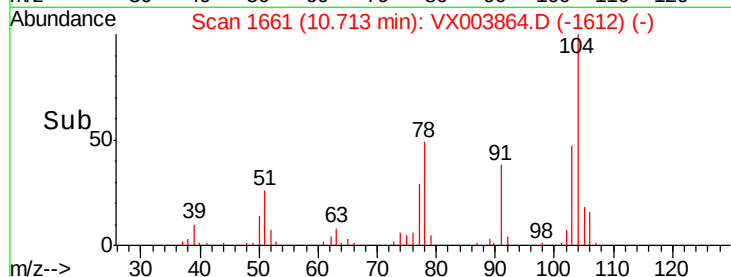
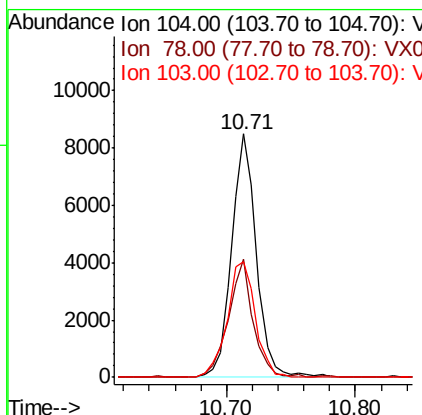
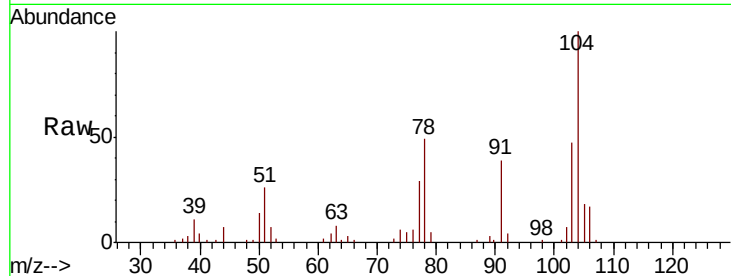
#70
Stvrene
Concen: 0.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.8	59.6
103	54.0	44.3	66.5

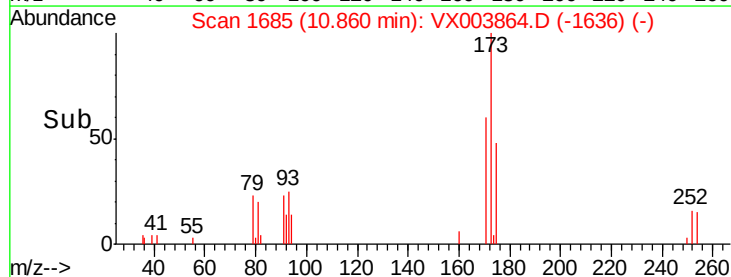
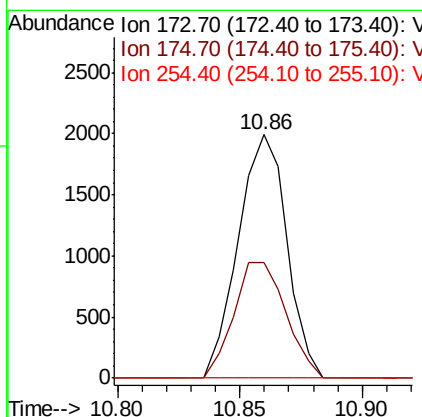
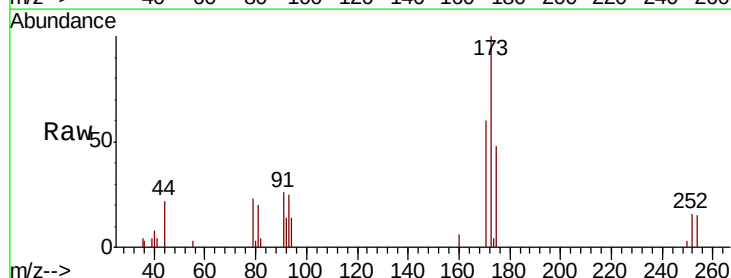
Manual Integrations
APPROVED

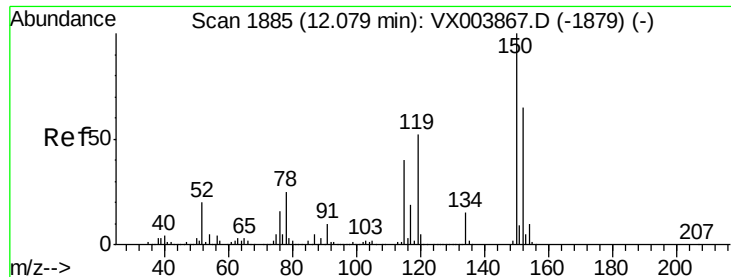
MMDadoda
8/7/2018 1:12:37 PM



#71
Bromoform
Concen: 0.82 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.0	24.9	74.7
254	0.0	0.2	0.2#





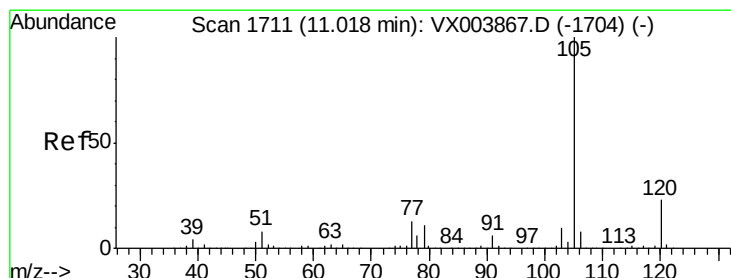
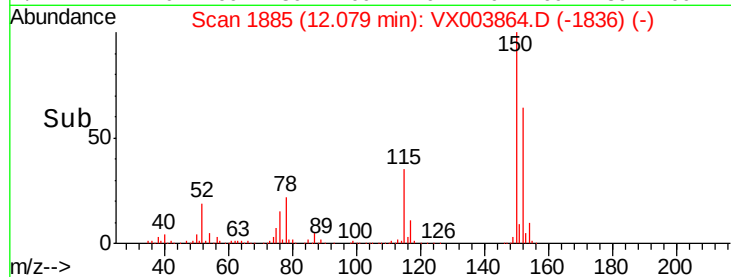
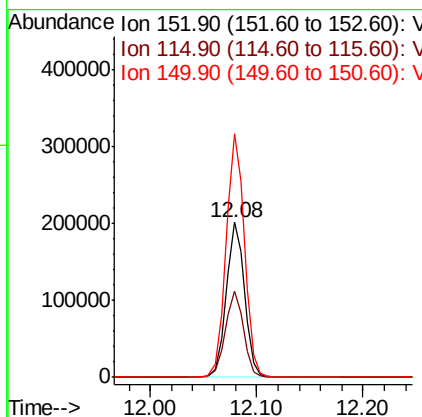
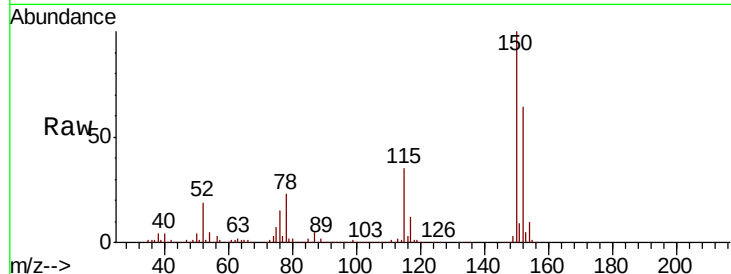
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	241668		
115	55.6	39.1	117.3	
150	157.8	0.0	349.2	

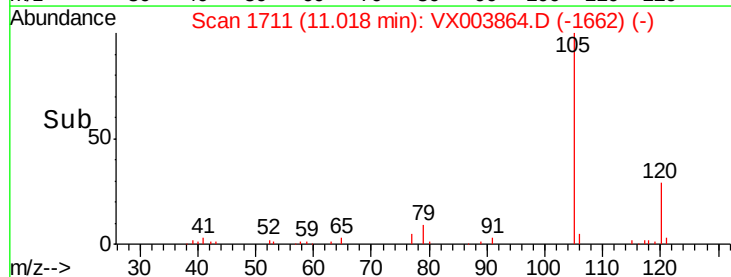
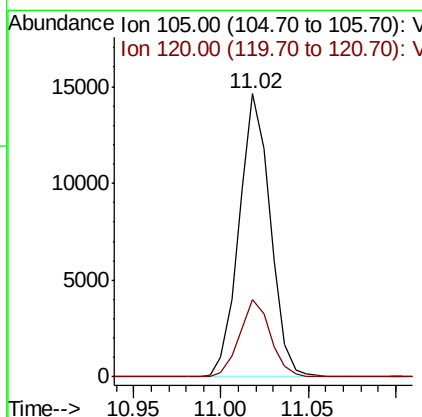
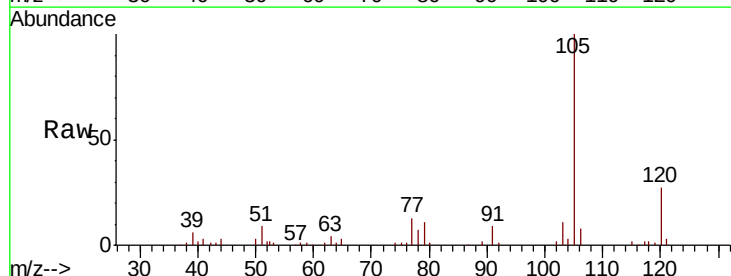
Manual Integrations
 APPROVED

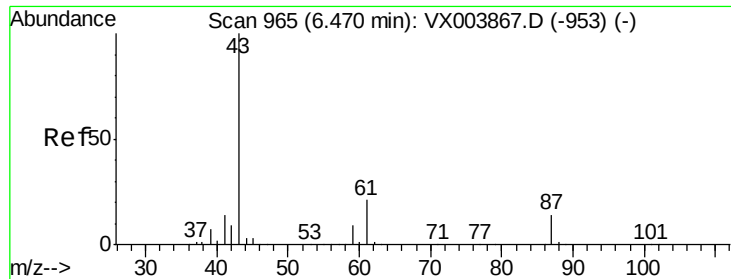
MMDadoda
 8/7/2018 1:12:37 PM



#73
 Isopropylbenzene
 Concen: 1.12 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	18125		
120	27.0	12.6	37.8	





#74

N-amvl acetate

Concen: 1.28 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

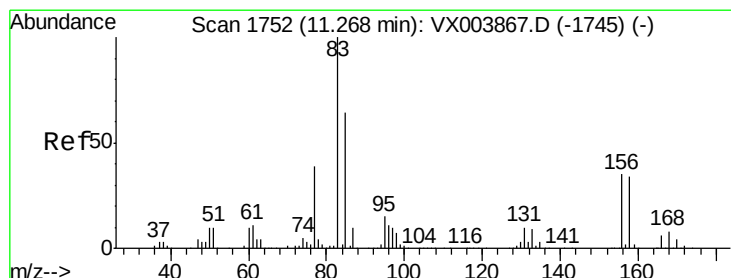
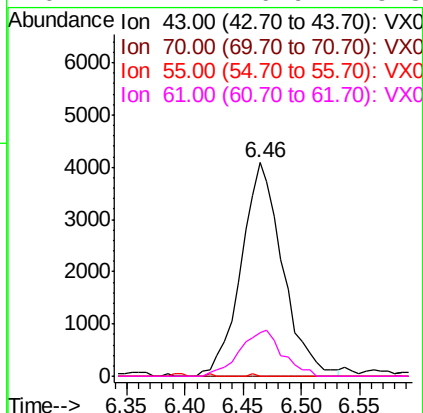
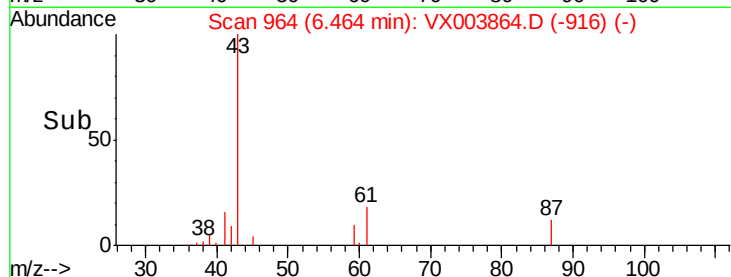
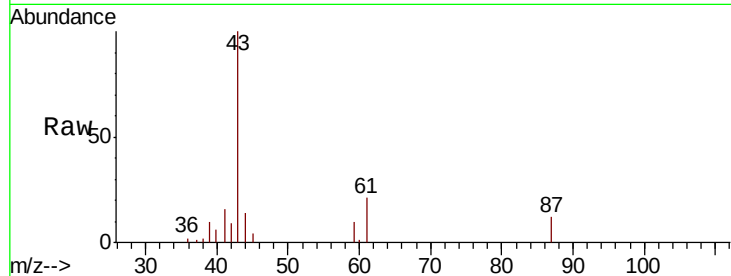
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	10144
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.2	0.1	0.1#
61	22.2	16.9	25.3

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 1.19 ug/l

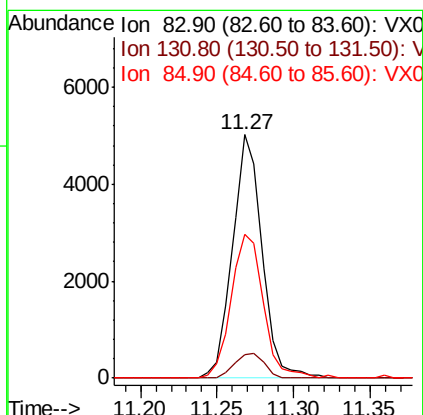
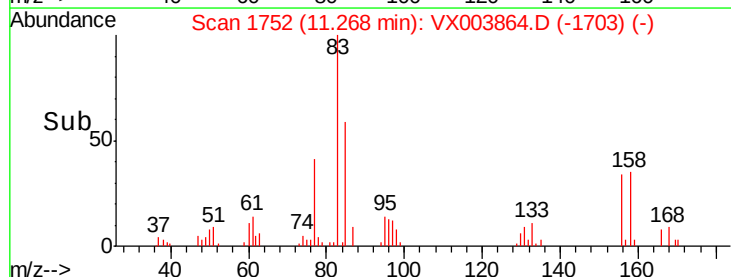
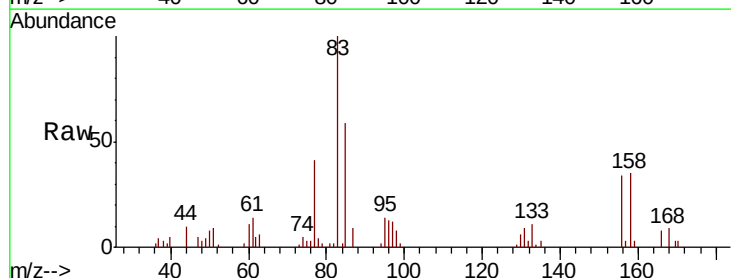
RT: 11.27 min Scan# 1752

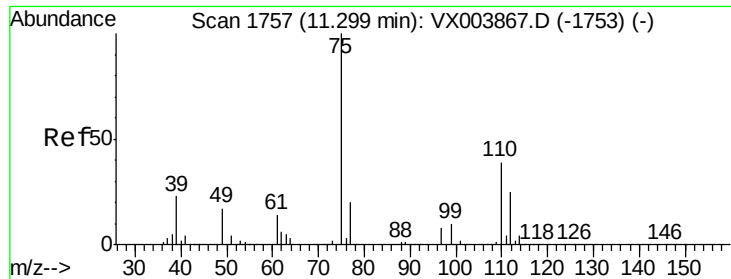
Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Tgt Ion:	83	Resp:	6716
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.2	15.6
85	64.6	32.2	96.6





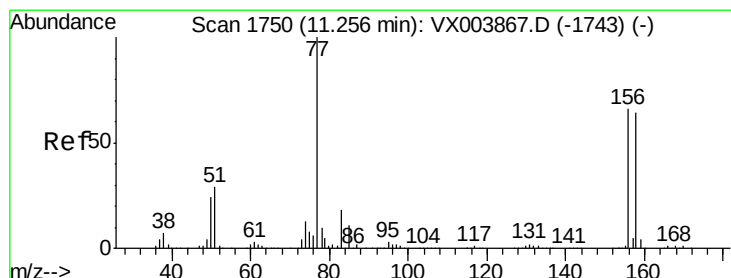
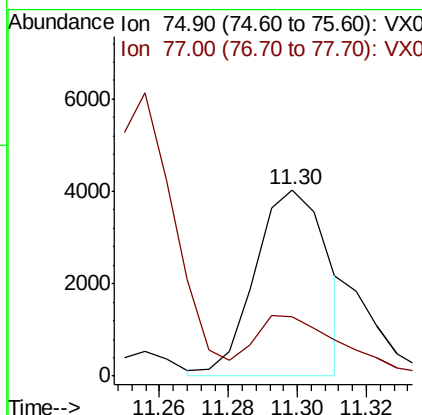
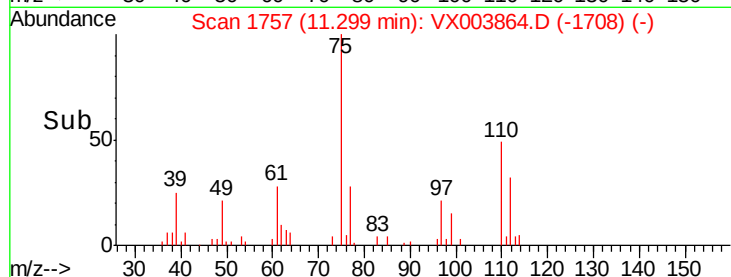
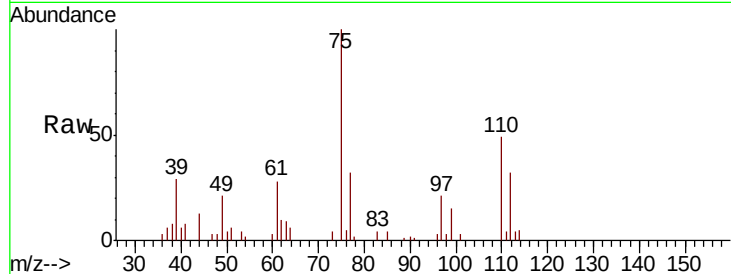
#76
 1,2,3-Trichloropropane
 Concen: 1.19 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 5839
 Ion Ratio Lower Upper
 75 100
 77 40.5 20.8 62.5

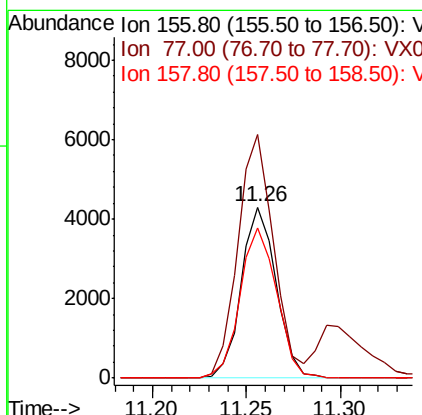
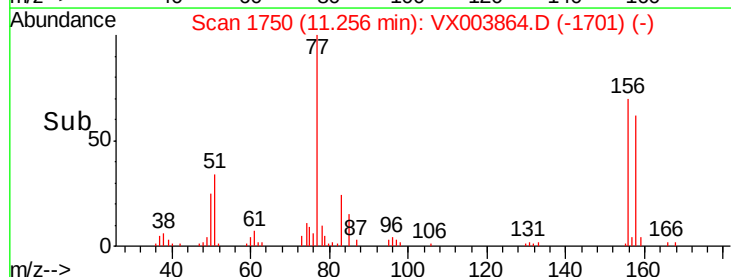
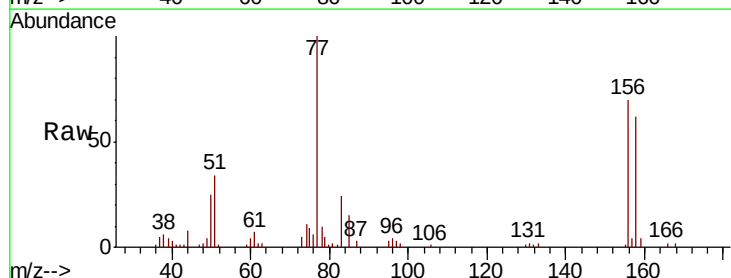
Manual Integrations
 APPROVED

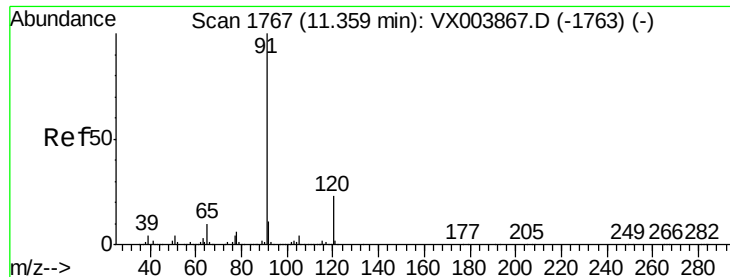
MMDadoda
 8/7/2018 1:12:37 PM



#77
 Bromobenzene
 Concen: 1.25 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion: 156 Resp: 5508
 Ion Ratio Lower Upper
 156 100
 77 147.0 74.1 222.2
 158 92.7 48.6 145.9





#78

n-propylbenzene

Concen: 1.16 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 20767

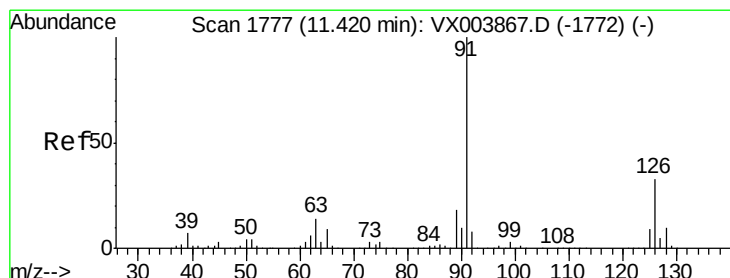
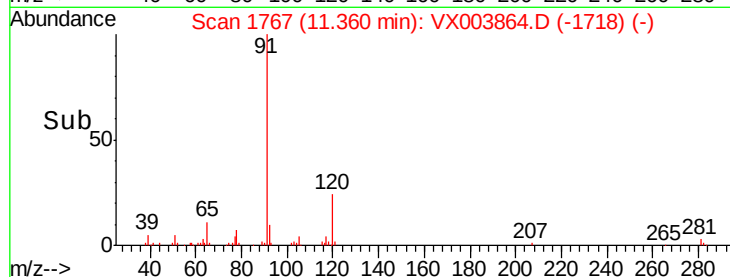
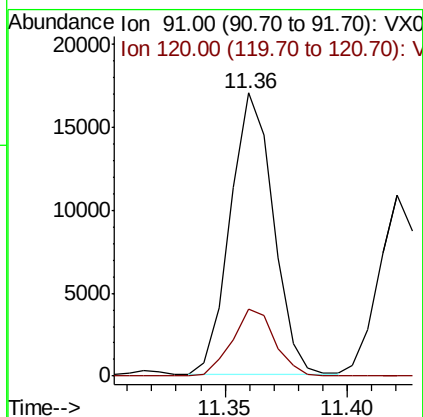
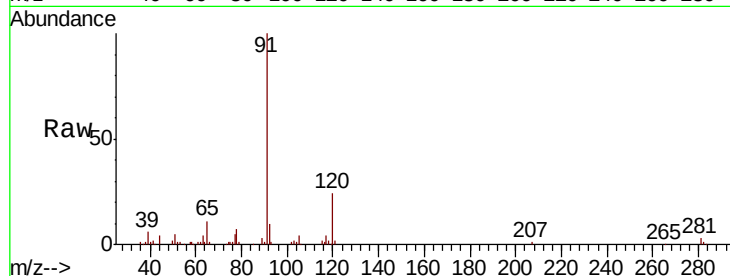
Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#79

2-Chlorotoluene

Concen: 1.19 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003864.D

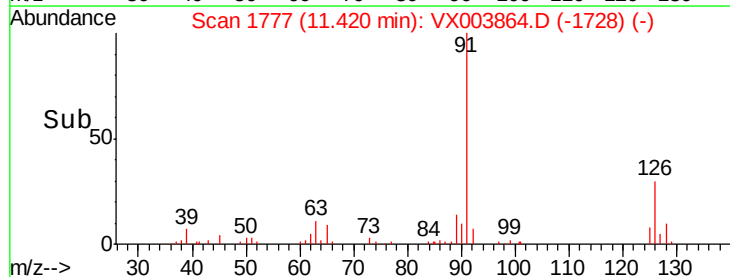
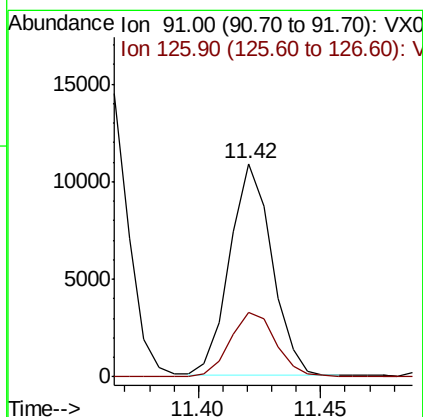
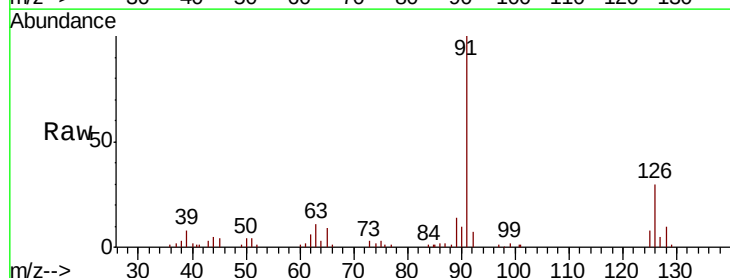
Acq: 06 Aug 2018 16:27

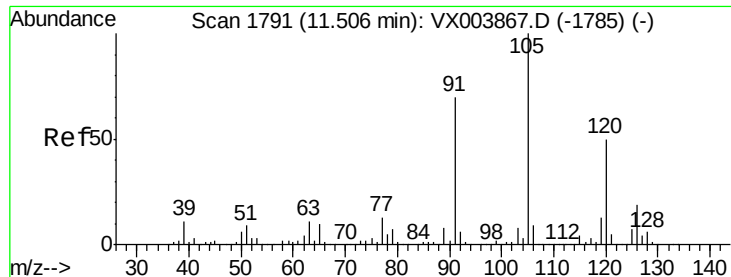
Tgt Ion: 91 Resp: 13057

Ion Ratio Lower Upper

91 100

126 33.1 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 1.06 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 13959

Ion Ratio Lower Upper

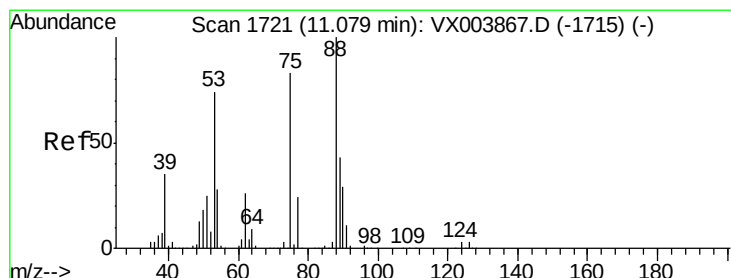
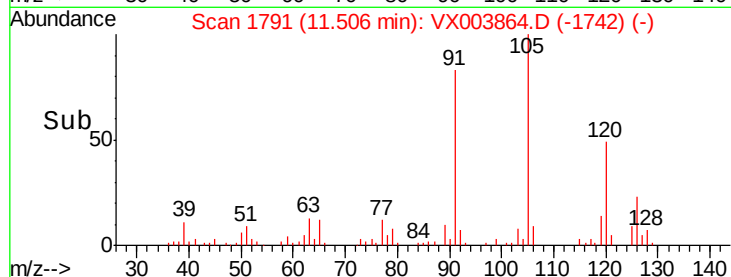
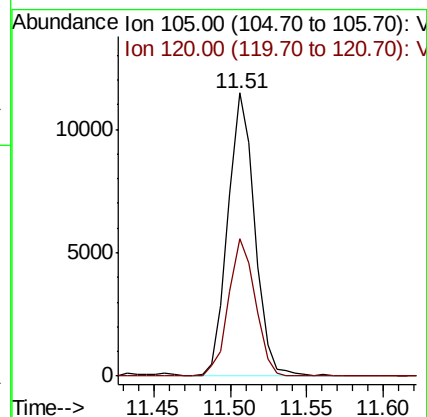
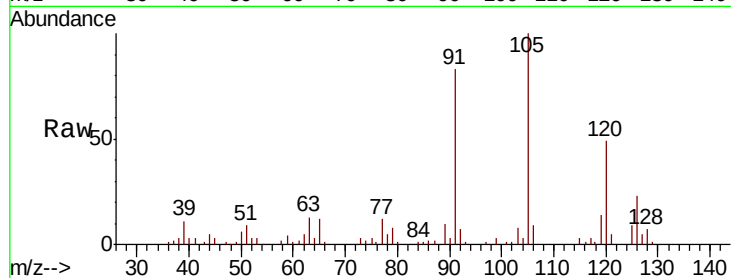
105 100

120 48.4 25.4 76.2

Manual Integrations
APPROVED

MMDadoda

8/7/2018 1:12:37 PM



#81

trans-1,4-Dichloro-2-butene

Concen: 0.98 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

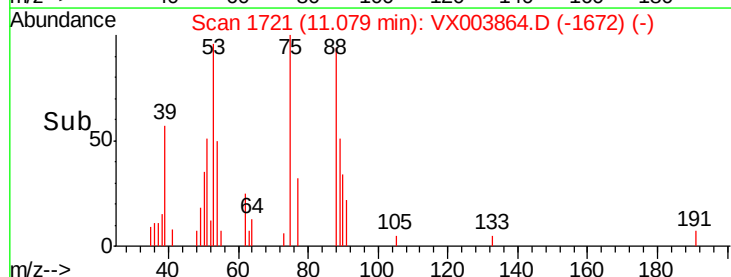
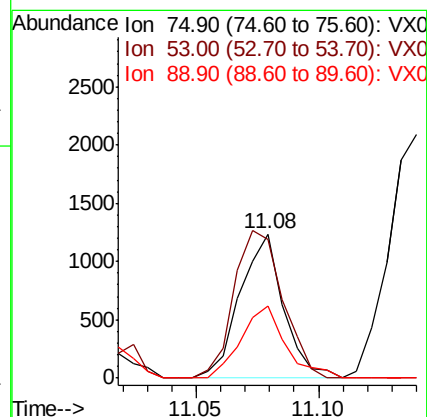
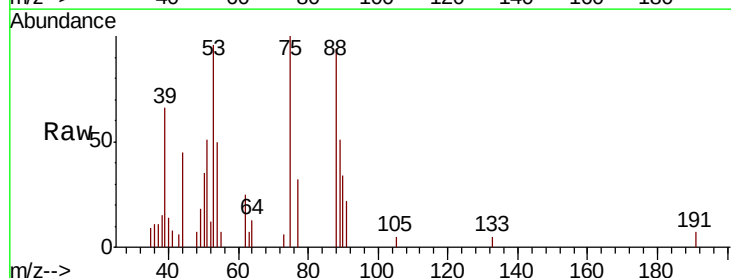
Tgt Ion: 75 Resp: 1543

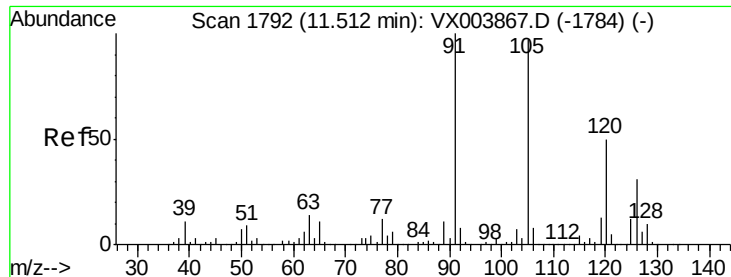
Ion Ratio Lower Upper

75 100

53 114.5 80.3 120.5

89 51.4 37.8 56.8





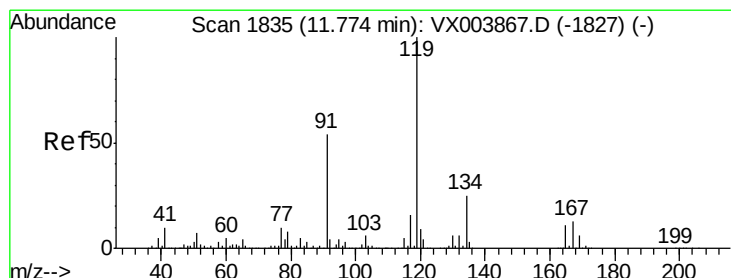
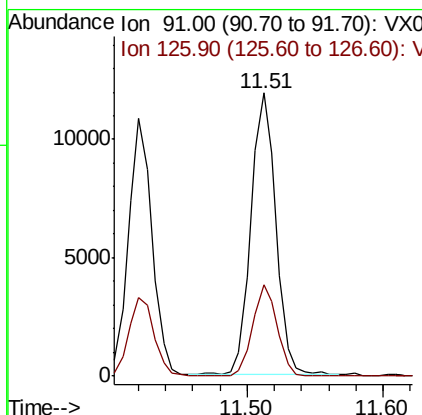
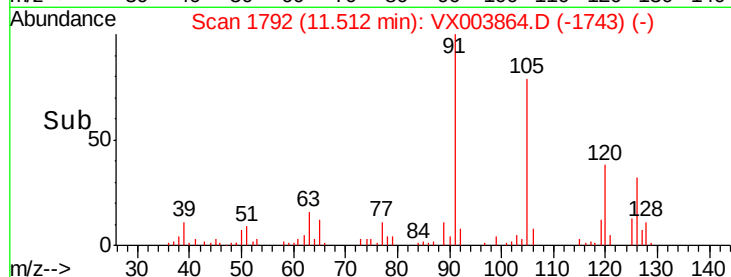
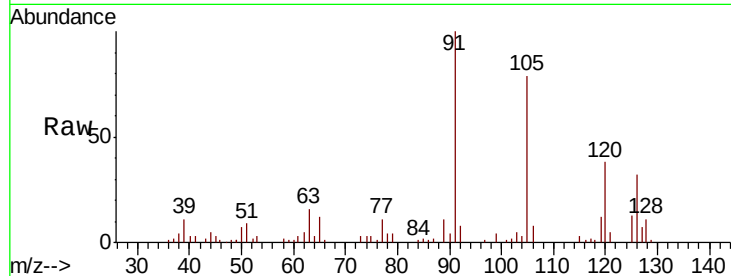
#82
4-Chlorotoluene
Concen: 1.21 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 15350
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7

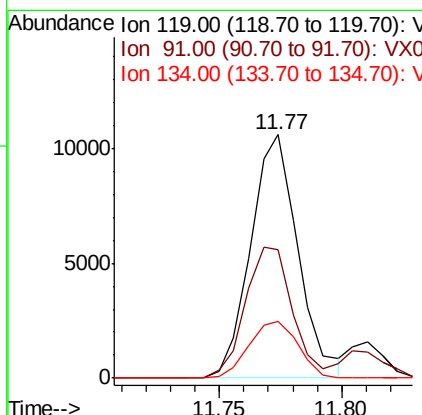
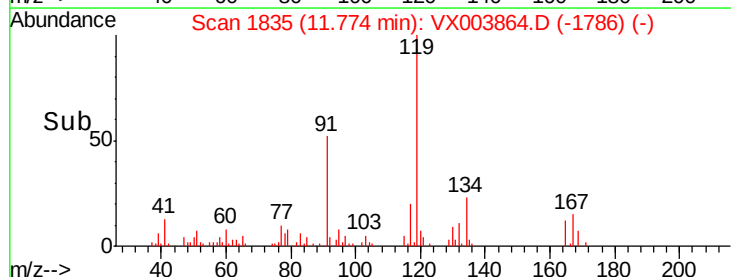
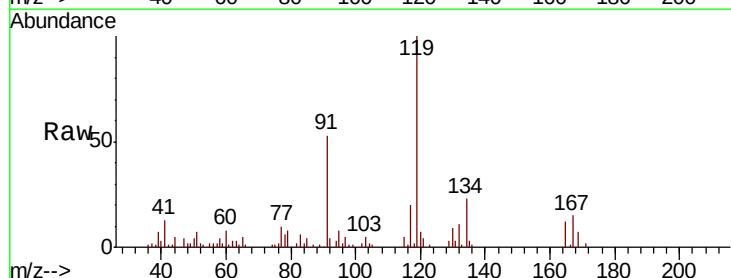
Manual Integrations
APPROVED

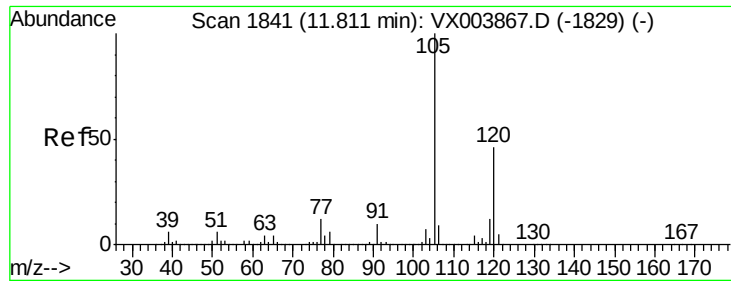
MMDadoda
8/7/2018 1:12:37 PM



#83
tert-Butylbenzene
Concen: 1.07 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion: 119 Resp: 14331
Ion Ratio Lower Upper
119 100
91 53.5 26.9 80.7
134 24.1 12.0 36.0





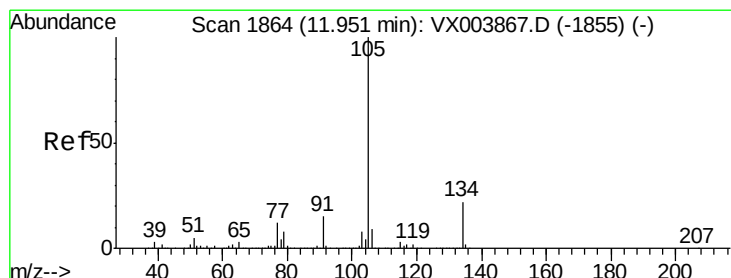
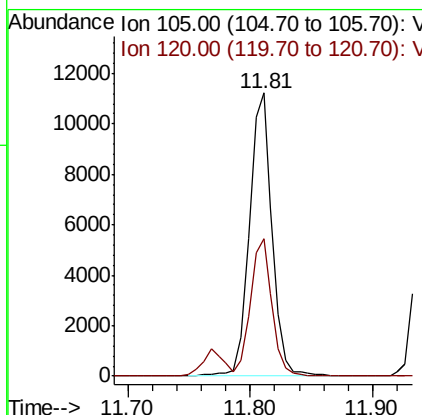
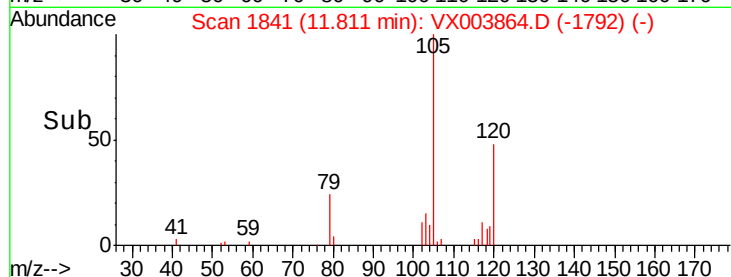
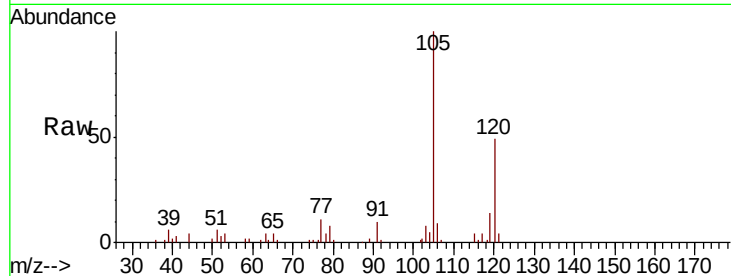
#84
 1,2,4-Trimethylbenzene
 Concen: 1.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 14397
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2

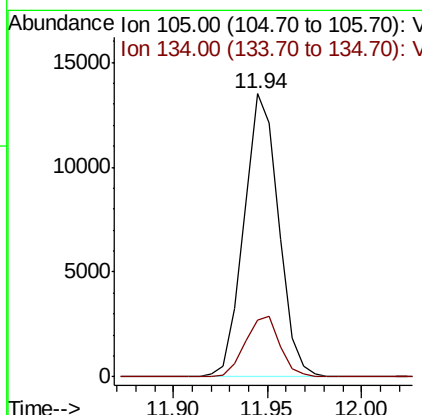
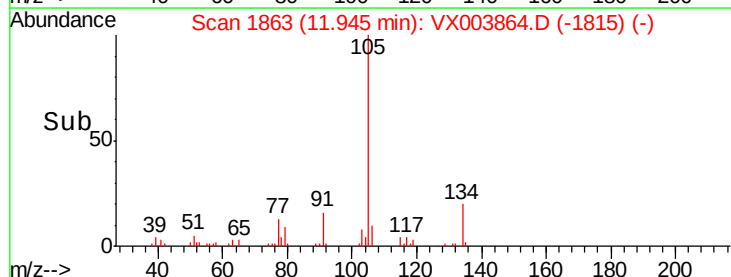
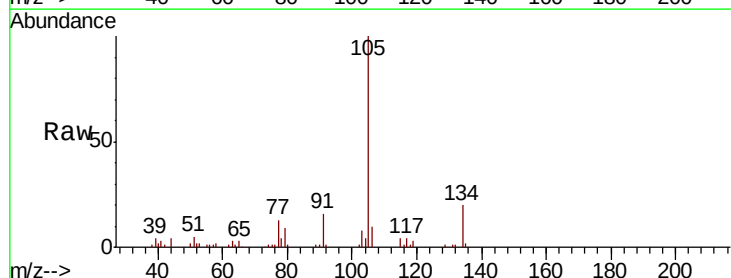
Manual Integrations
 APPROVED

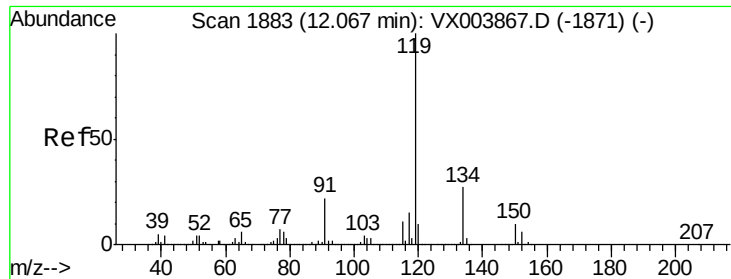
MMDadoda
 8/7/2018 1:12:37 PM



#85
 sec-Butylbenzene
 Concen: 1.10 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion:105 Resp: 17165
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.3 30.9





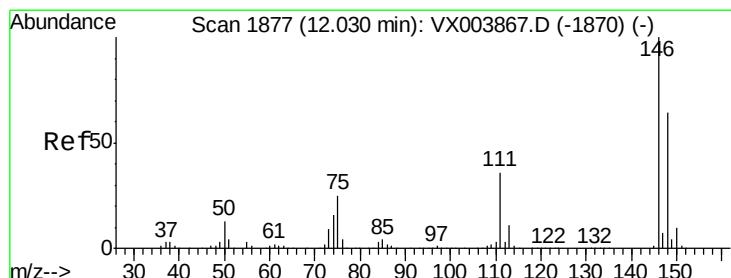
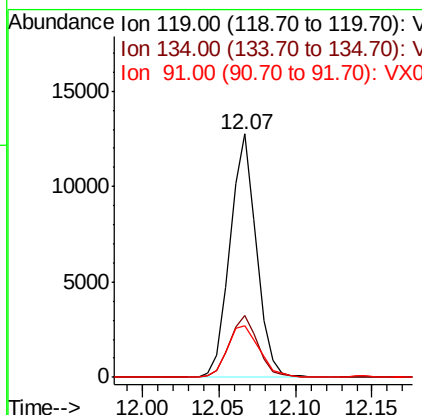
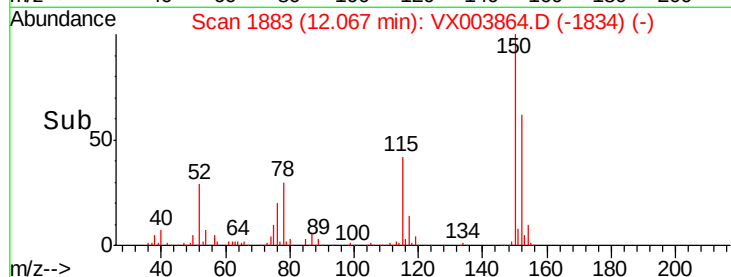
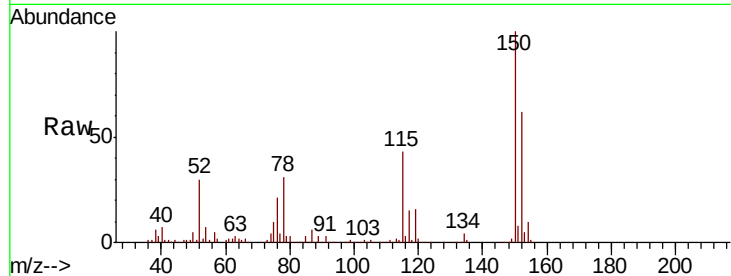
#86
 p-Isopropyltoluene
 Concen: 1.08 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	15195		
134	27.4	13.3	39.8	
91	26.0	10.9	32.7	

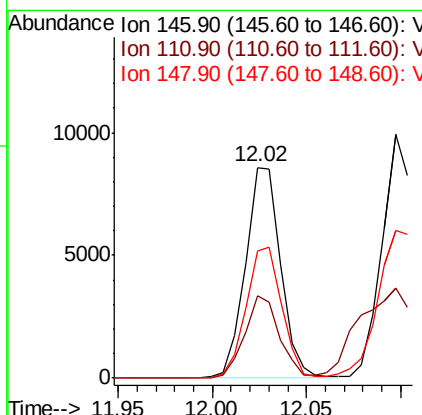
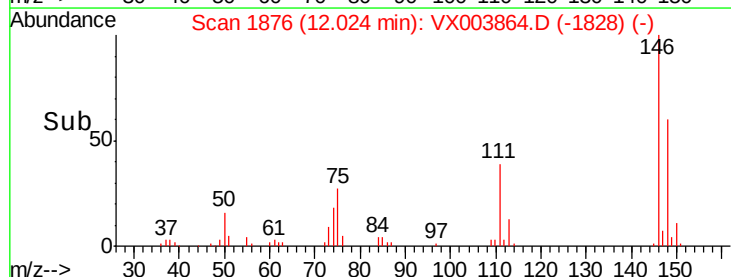
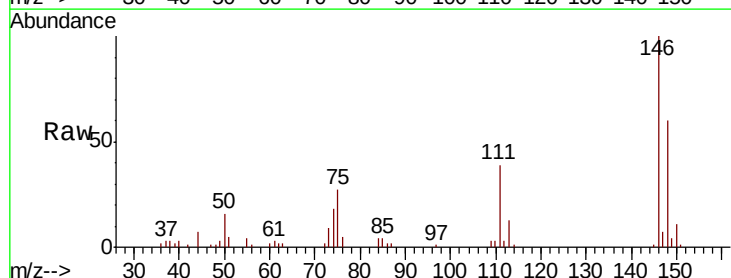
Manual Integrations
 APPROVED

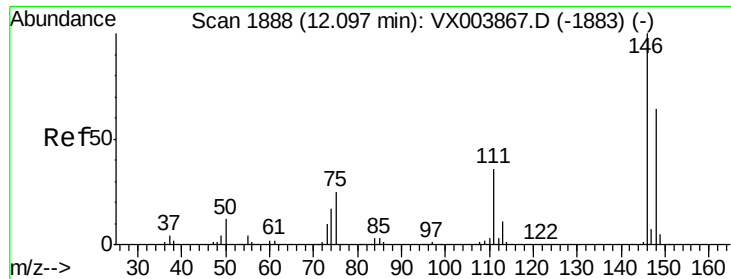
MMDadoda
 8/7/2018 1:12:37 PM



#87
 1,3-Dichlorobenzene
 Concen: 1.35 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	11159		
111	38.5	18.8	56.4	
148	62.7	31.9	95.5	





#88

1,4-Dichlorobenzene

Concen: 1.41 ug/l m

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

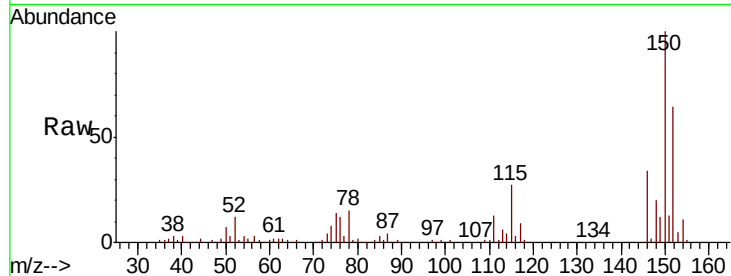
ClientSampled :

VSTDIC001

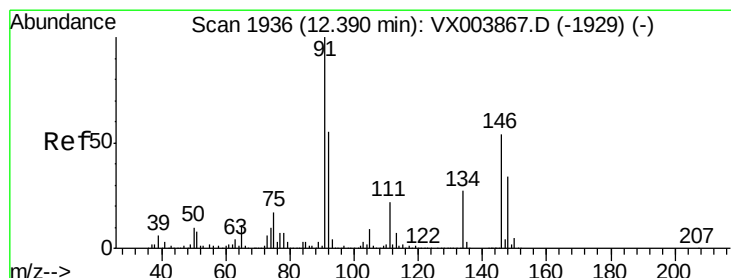
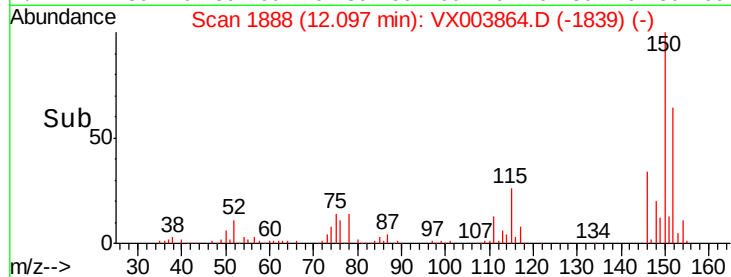
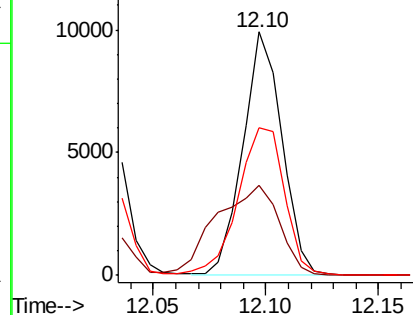
Tot Ion:	146	Resp:	12025
Ion Ratio	Lower	Upper	
146	100		
111	35.8	18.4	55.0
148	58.2	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.17 ug/l

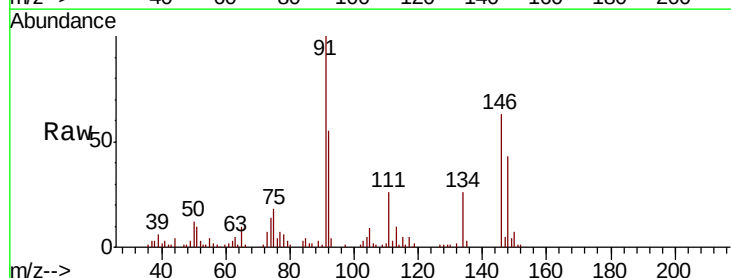
RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

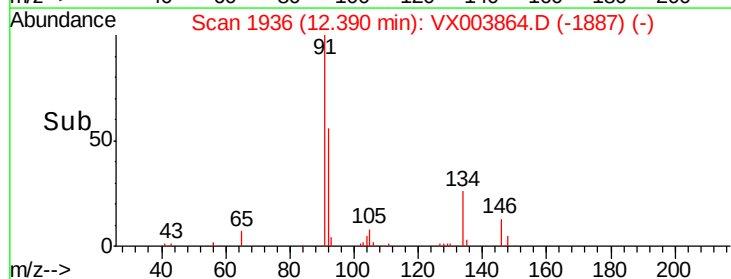
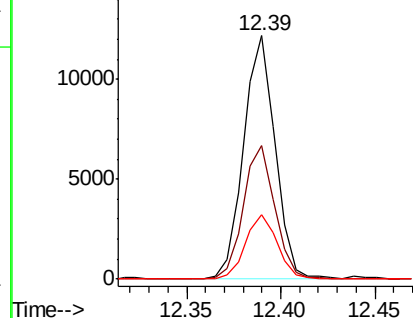
Lab File: VX003864.D

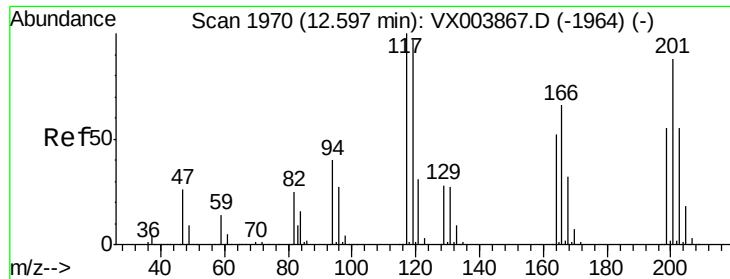
Acq: 06 Aug 2018 16:27

Tgt Ion:	91	Resp:	14225
Ion Ratio	Lower	Upper	
91	100		
92	54.6	27.1	81.3
134	26.2	13.6	40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





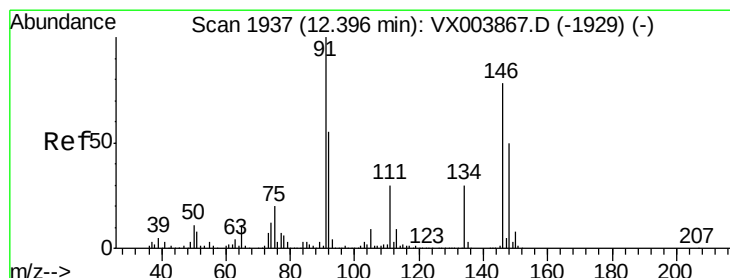
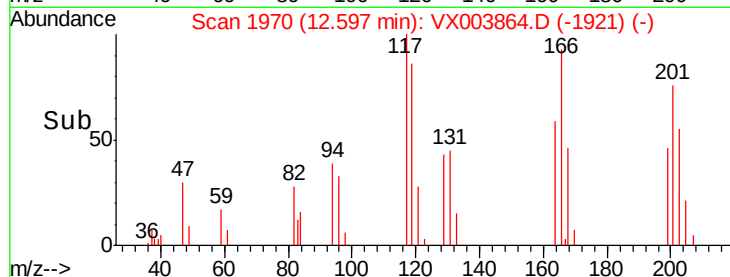
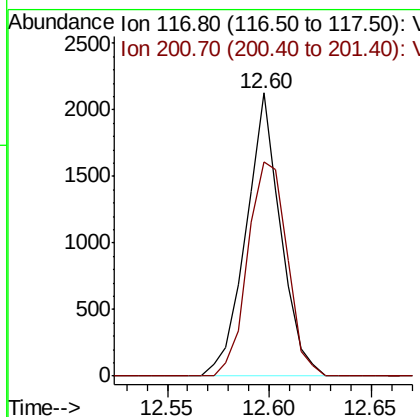
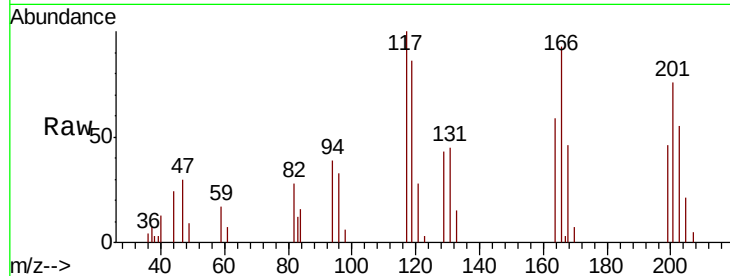
#90
Hexachloroethane
Concen: 1.10 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 2516
Ion Ratio Lower Upper
117 100
201 85.7 46.1 138.2

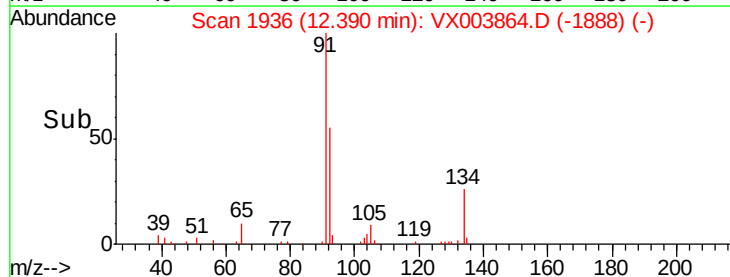
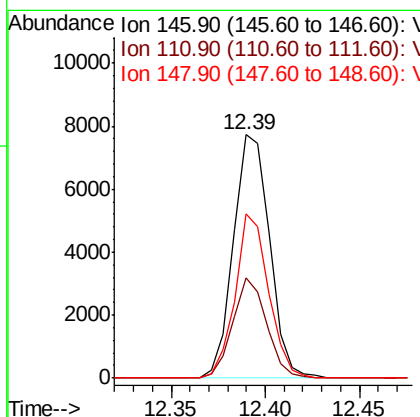
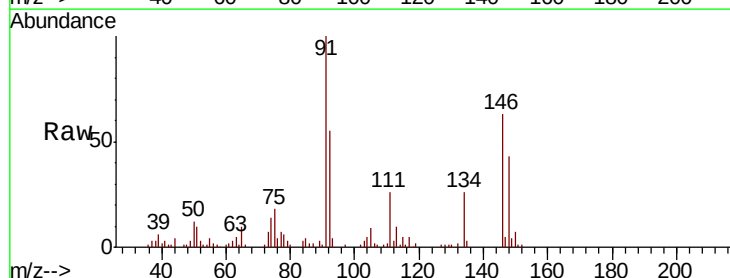
Manual Integrations
APPROVED

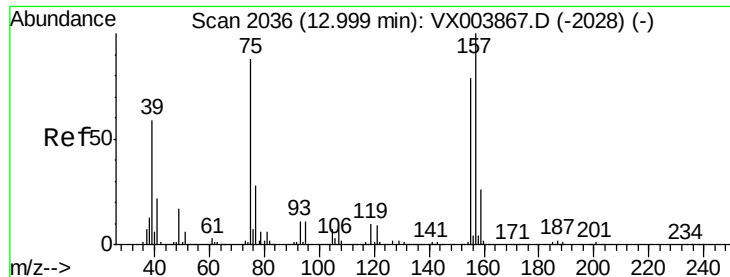
MMDadoda
8/7/2018 1:12:37 PM



#91
1,2-Dichlorobenzene
Concen: 1.22 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX003864.D
Acq: 06 Aug 2018 16:27

Tgt Ion:146 Resp: 10291
Ion Ratio Lower Upper
146 100
111 38.7 19.7 59.0
148 62.3 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.00 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

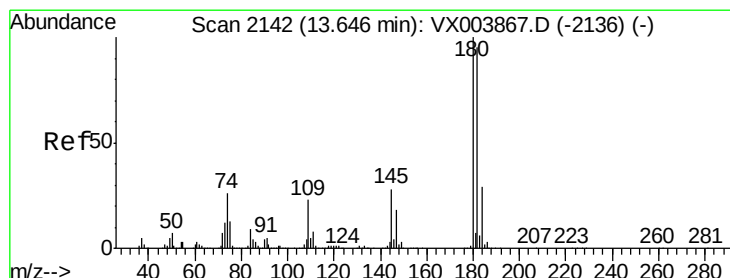
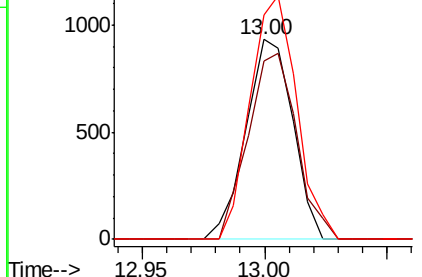
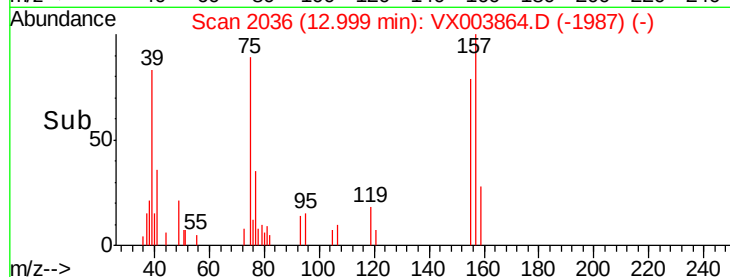
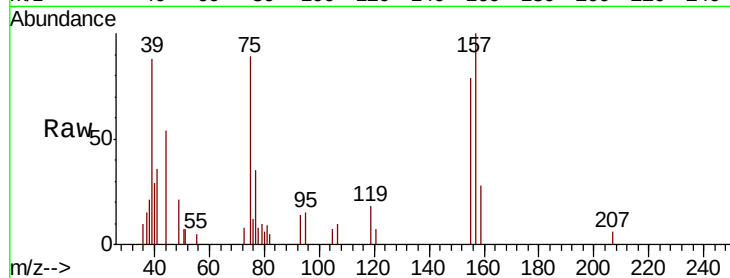
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	1251
Ion	Ratio	Lower	Upper
75	100		
155	96.1	48.7	146.1
157	120.0	62.6	187.8

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#93

1,2,4-Trichlorobenzene

Concen: 1.26 ug/l

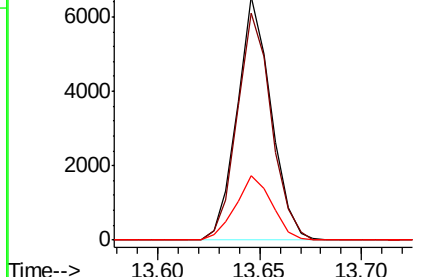
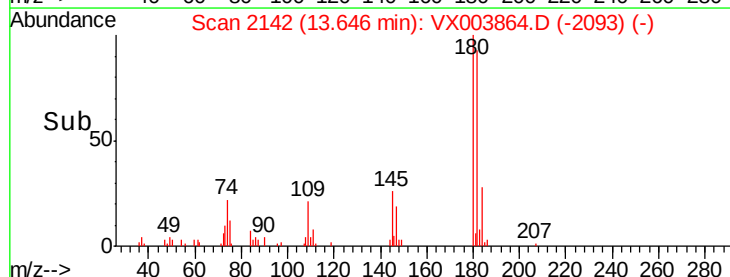
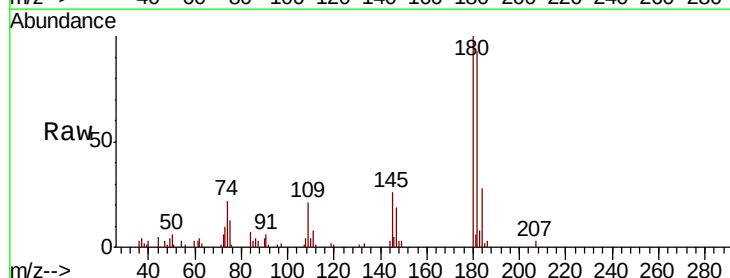
RT: 13.65 min Scan# 2142

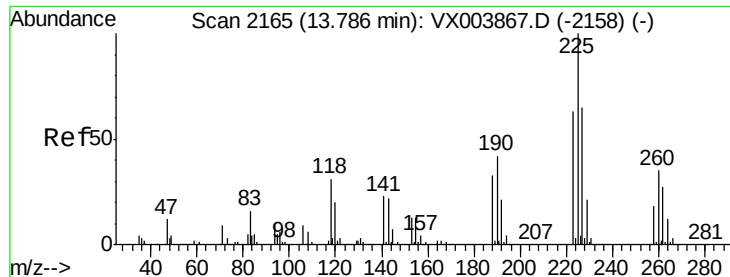
Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Tgt Ion:	180	Resp:	7498
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	28.7	13.9	41.6





#94

Hexachlorobutadiene

Concen: 1.37 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Instrument :

MSVOA_X

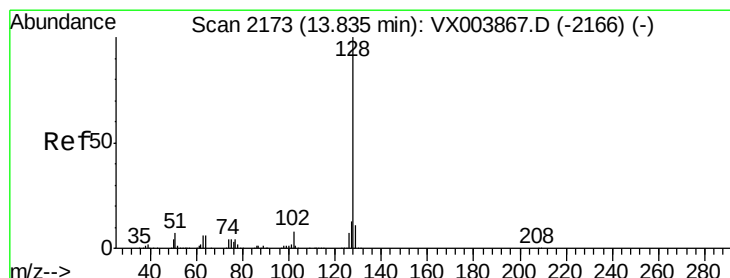
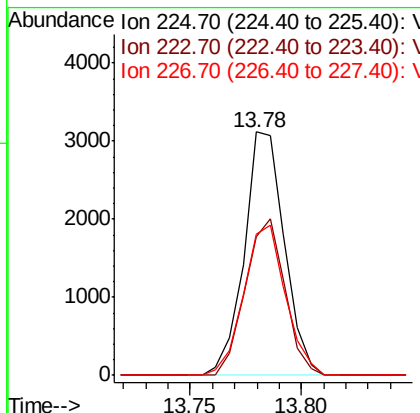
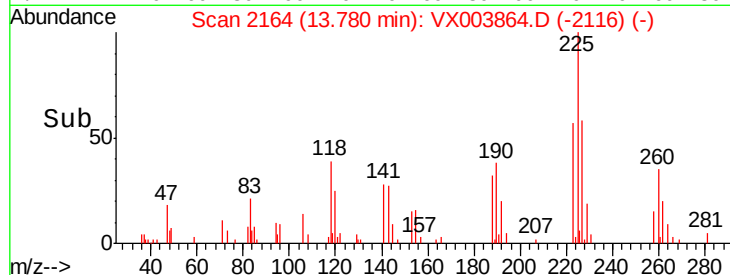
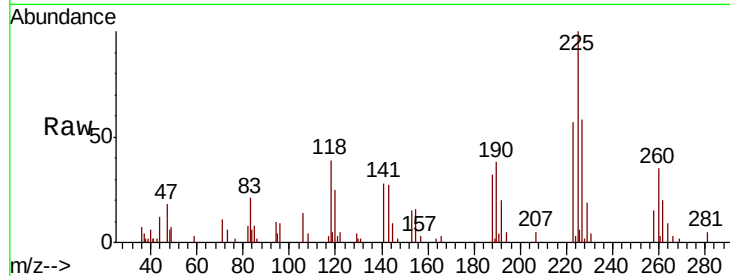
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	3937
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.4	94.0
227	63.9	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:37 PM



#95

Naphthalene

Concen: 0.97 ug/l

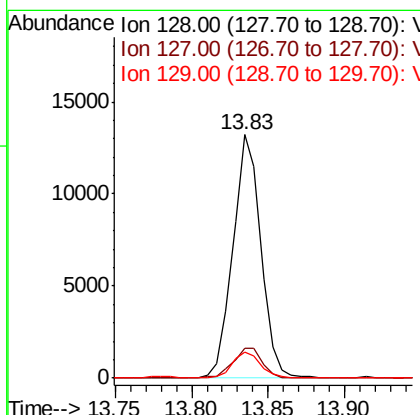
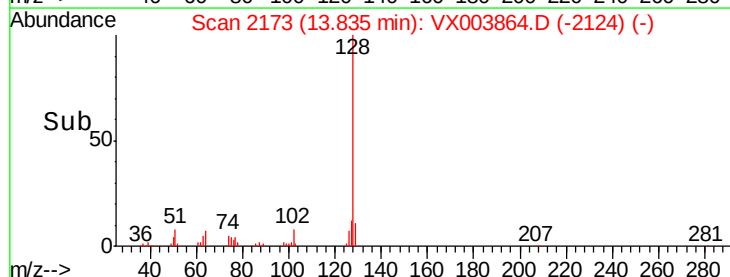
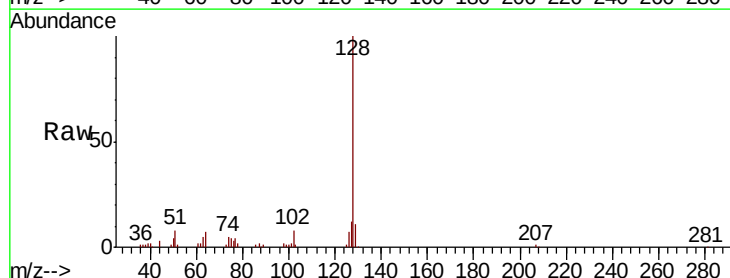
RT: 13.83 min Scan# 2173

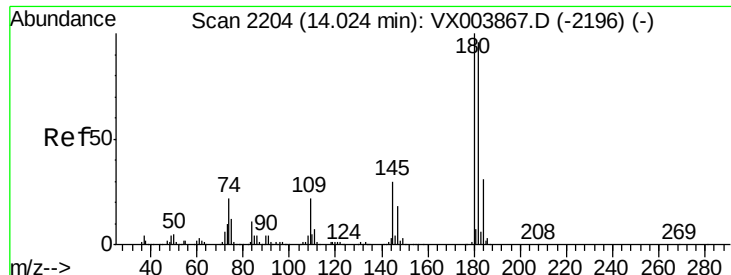
Delta R.T. 0.00 min

Lab File: VX003864.D

Acq: 06 Aug 2018 16:27

Tgt Ion:	128	Resp:	16694
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.13 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003864.D
 Acq: 06 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	30.7	14.9	44.7

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:12:37 PM

