

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002412.D
 Acq On : 08 Jun 2018 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:36 AM

Quant Time: Jun 09 03:37:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152514	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	119145	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	8.72	98	454690	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	176107	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	111526	47.53	ug/l	98
3) Chloromethane	1.32	50	126518	46.88	ug/l	99
4) Vinyl Chloride	1.41	62	145716	49.28	ug/l	98
5) Bromomethane	1.64	94	84833	50.74	ug/l	99
6) Chloroethane	1.72	64	97683	51.07	ug/l	99
7) Trichlorofluoromethane	1.93	101	252759	56.10	ug/l	97
8) Diethyl Ether	2.19	74	90487	56.84	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139117	57.22	ug/l	99
10) Methyl Iodide	2.51	142	139487	40.79	ug/l	99
11) Tert butyl alcohol	3.09	59	177521	269.94	ug/l	98
12) 1,1-Dichloroethene	2.37	96	124581	51.85	ug/l	96
13) Acrolein	2.30	56	85672	268.03	ug/l	100
14) Allyl chloride	2.73	41	246850	47.34	ug/l	98
15) Acrylonitrile	3.15	53	390047	285.31	ug/l	100
16) Acetone	2.45	43	366818	265.43	ug/l	98
17) Carbon Disulfide	2.57	76	282881	44.67	ug/l	98
18) Methyl Acetate	2.78	43	190873	59.54	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	471932	56.72	ug/l	99
20) Methylene Chloride	2.86	84	142614	56.22	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133287	50.30	ug/l	99
22) Diisopropyl ether	3.88	45	435694	50.01	ug/l	98
23) Vinyl Acetate	3.83	43	1866087	220.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	222934	43.26	ug/l	100
25) 2-Butanone	4.71	43	496627	224.40	ug/l	99
26) 2,2-Dichloropropane	4.59	77	160076	39.73	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	131943	45.79	ug/l	94
28) Bromochloromethane	5.02	49	116268	53.28	ug/l	99
29) Tetrahydrofuran	5.17	42	325931	228.42	ug/l	99
30) Chloroform	5.22	83	236397	47.53	ug/l	98
31) Cyclohexane	5.58	56	200739	49.26	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	205008	48.61	ug/l	99
36) 1,1-Dichloropropene	5.80	75	169095	49.02	ug/l	100
37) Ethyl Acetate	4.87	43	196666	47.41	ug/l	100
38) Carbon Tetrachloride	5.79	117	180598	50.04	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002412.D
 Acq On : 08 Jun 2018 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:36 AM

Quant Time: Jun 09 03:37:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203465	47.75	ug/l	98
40) Benzene	6.15	78	508705	48.09	ug/l	98
41) Methacrylonitrile	5.07	41	113486	47.79	ug/l	99
42) 1,2-Dichloroethane	6.20	62	200020	47.60	ug/l	100
43) Isopropyl Acetate	6.47	43	327830	46.52	ug/l	99
44) Trichloroethene	7.22	130	144965	49.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	136362	47.75	ug/l	98
46) Dibromomethane	7.67	93	91220	47.12	ug/l	99
47) Bromodichloromethane	7.90	83	170699	48.76	ug/l	96
48) Methyl methacrylate	7.78	41	168481	47.60	ug/l	98
49) 1,4-Dioxane	7.76	88	64906	980.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1091263	248.68	ug/l	100
52) Toluene	8.79	92	336512	50.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	197957	47.15	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	186051	46.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	137552	49.71	ug/l	99
56) Ethyl methacrylate	9.19	69	216001	48.90	ug/l	98
57) 1,3-Dichloropropane	9.38	76	227165	48.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	499807	244.46	ug/l	99
59) 2-Hexanone	9.50	43	830688	245.08	ug/l	99
60) Dibromochloromethane	9.59	129	139658	50.18	ug/l	99
61) 1,2-Dibromoethane	9.68	107	146060	50.63	ug/l	100
64) Tetrachloroethene	9.34	164	158801	47.87	ug/l	98
65) Chlorobenzene	10.14	112	389546	48.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	143361	49.46	ug/l	99
67) Ethyl Benzene	10.26	91	669907	50.01	ug/l	99
68) m/p-Xylenes	10.36	106	525536	100.92	ug/l	99
69) o-Xylene	10.70	106	256906	49.58	ug/l	99
70) Styrene	10.71	104	427895	50.51	ug/l	99
71) Bromoform	10.86	173	110575	43.11	ug/l #	98
73) Isopropylbenzene	11.02	105	706195	48.45	ug/l	100
74) N-amyl acetate	6.47	43	327830	41.74	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	208939	45.58	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	206544m	44.92	ug/l	
77) Bromobenzene	11.26	156	190229	46.49	ug/l	97
78) n-propylbenzene	11.37	91	799382	49.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	473050	46.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	604302	48.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52348	39.91	ug/l	95
82) 4-Chlorotoluene	11.51	91	562099	47.60	ug/l	100
83) tert-Butylbenzene	11.77	119	593311	48.73	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	616893	47.93	ug/l	98
85) sec-Butylbenzene	11.95	105	726241	50.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	652081	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	348778	47.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	355996	47.20	ug/l	99
89) n-Butylbenzene	12.39	91	561854	51.53	ug/l	99
90) Hexachloroethane	12.60	117	96247	46.38	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	358380	47.34	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47125	47.01	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
Data File : VX002412.D
Acq On : 08 Jun 2018 19:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

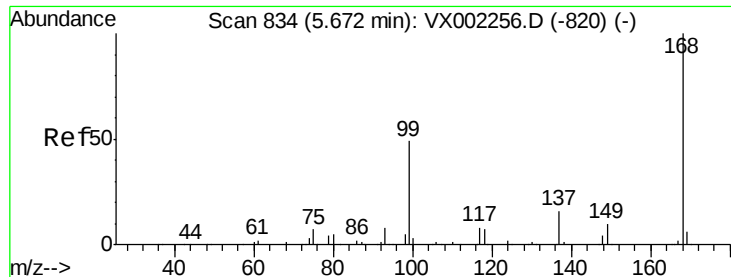
Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM

Quant Time: Jun 09 03:37:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	257127	48.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	137045	52.25	ug/l	99
95) Naphthalene	13.84	128	741401	48.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265185	48.99	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 225712

Ion Ratio Lower Upper

168 100

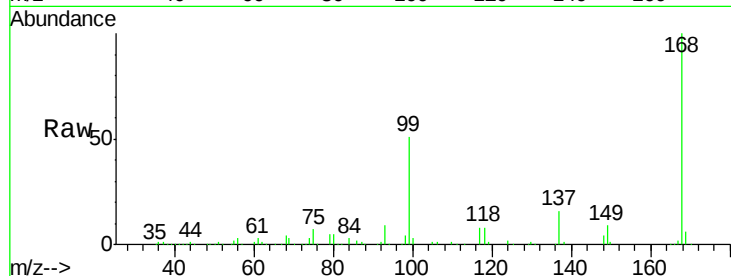
99 51.2 39.3 58.9

Manual Integrations

APPROVED

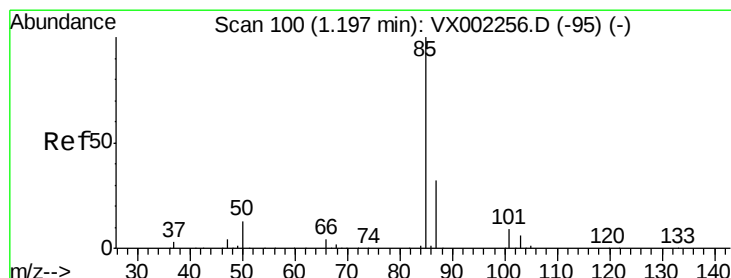
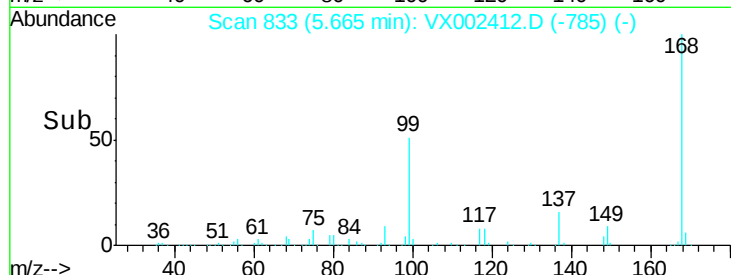
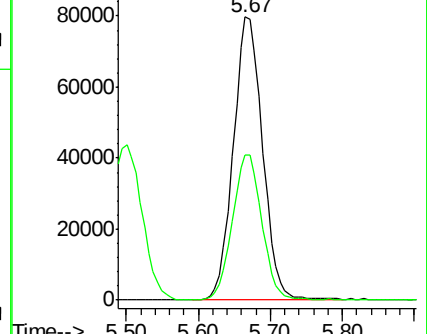
MMDadoda

6/11/2018 9:30:36 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002412.D

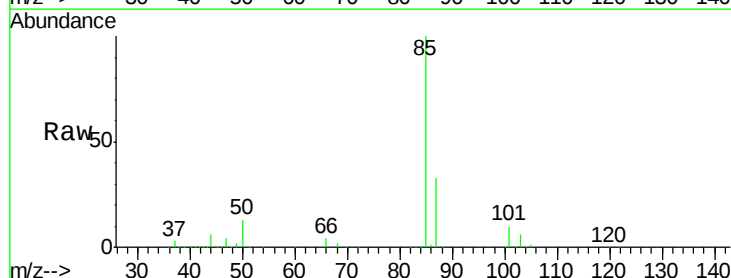
Acq: 08 Jun 2018 19:50

Tgt Ion: 85 Resp: 111526

Ion Ratio Lower Upper

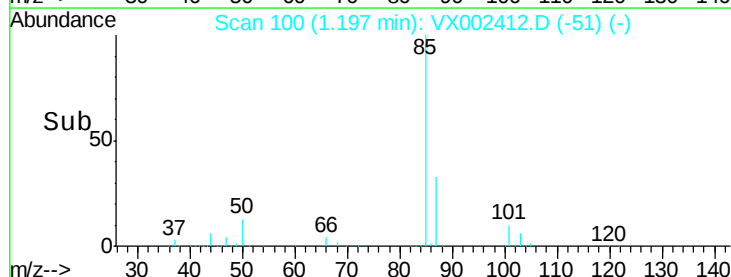
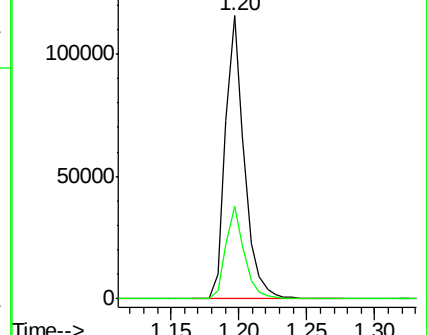
85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 126518

Ion Ratio Lower Upper

50 100

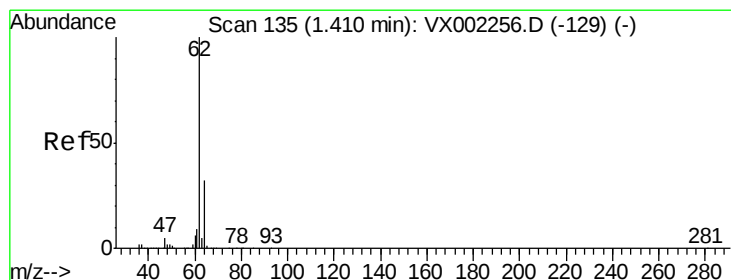
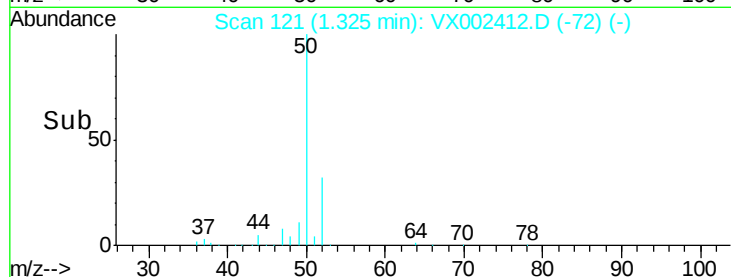
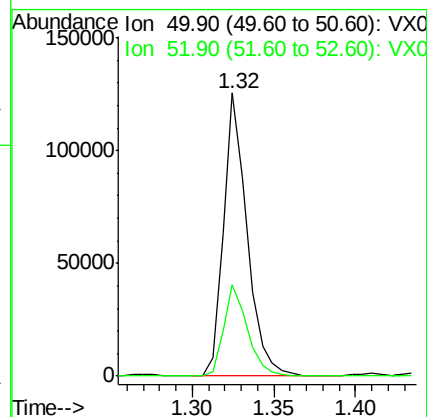
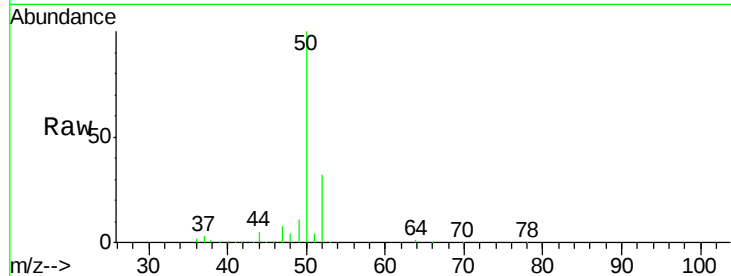
52 32.5 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



#4

Vinyl Chloride

Concen: 49.28 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002412.D

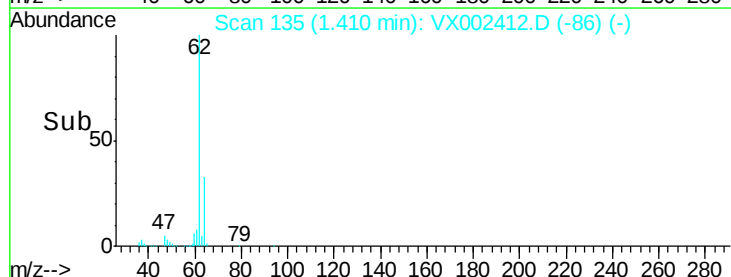
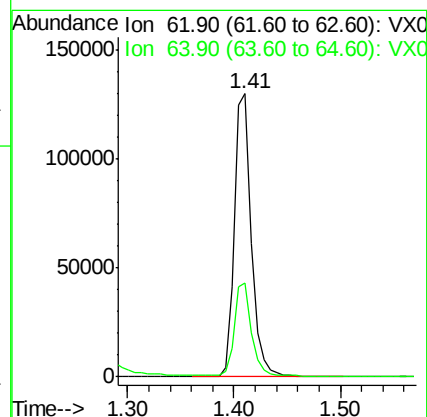
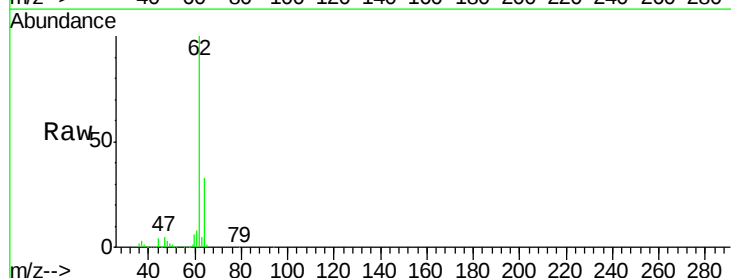
Acq: 08 Jun 2018 19:50

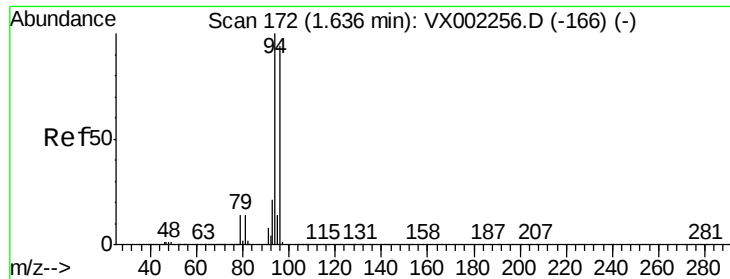
Tgt Ion: 62 Resp: 145716

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 50.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 84833

Ion Ratio Lower Upper

94 100

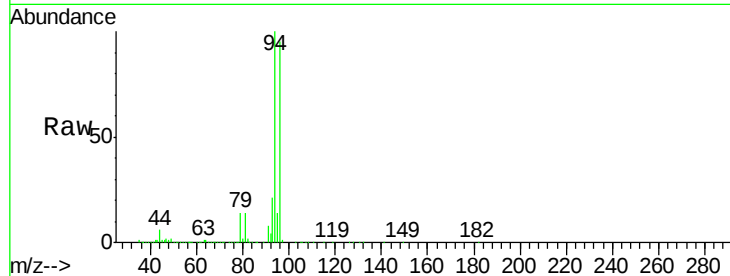
96 94.6 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

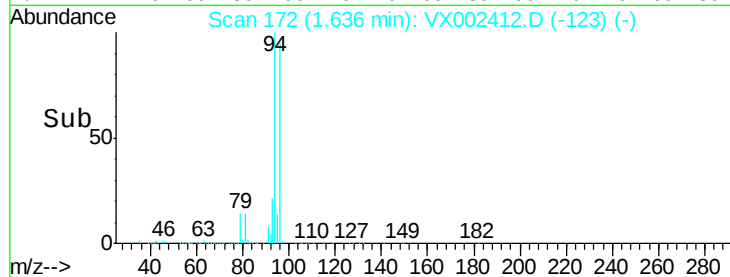
60000

40000

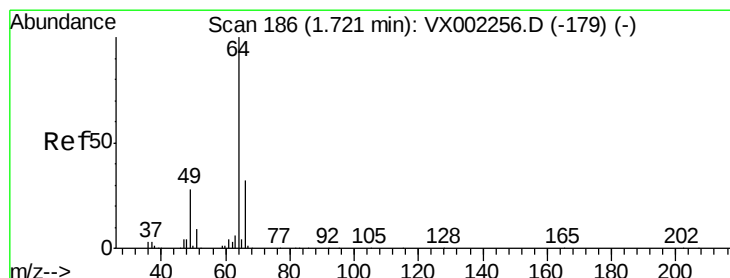
20000

0

Time-->



Time-->



#6

Chloroethane

Concen: 51.07 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002412.D

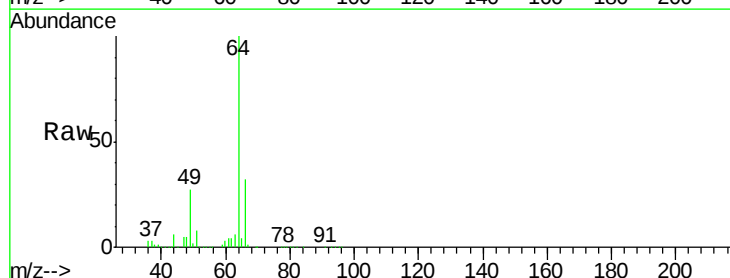
Acq: 08 Jun 2018 19:50

Tgt Ion: 64 Resp: 97683

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

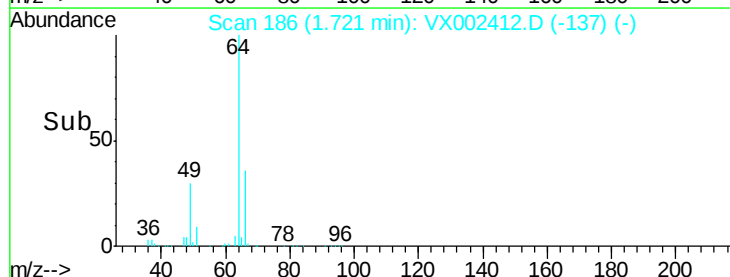
60000

40000

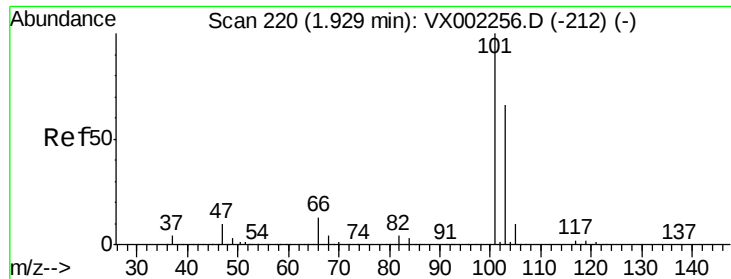
20000

0

Time-->



Time-->



#7

Trichlorofluoromethane

Concen: 56.10 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 252759

Ion Ratio Lower Upper

101 100

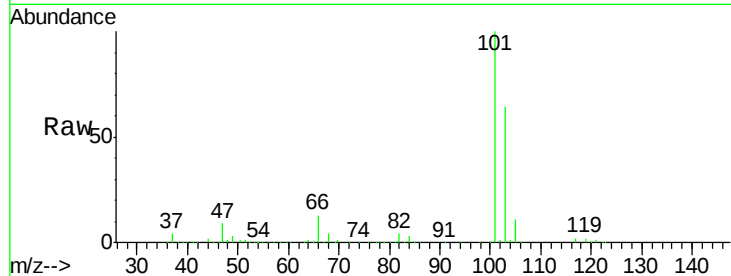
103 63.9 52.8 79.2

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

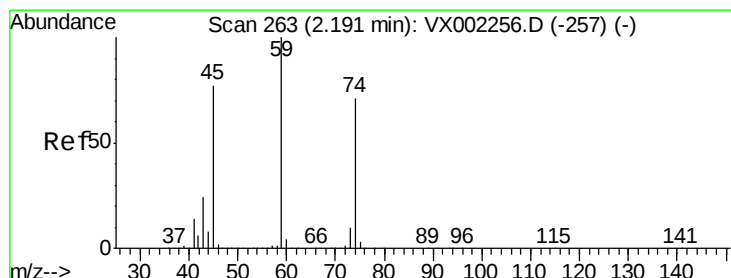
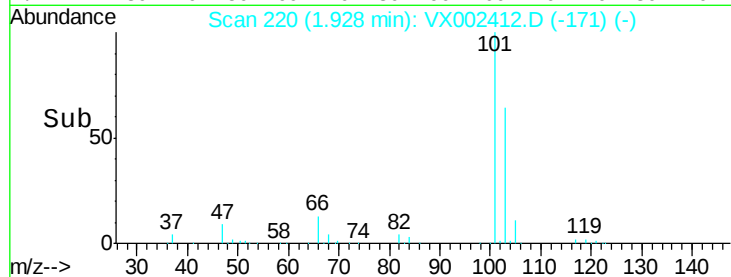
150000

100000

50000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 56.84 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002412.D

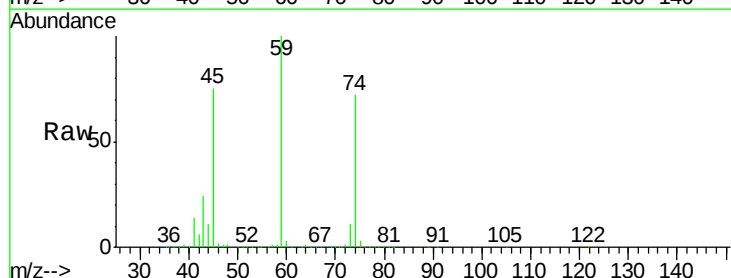
Acq: 08 Jun 2018 19:50

Tgt Ion: 74 Resp: 90487

Ion Ratio Lower Upper

74 100

45 103.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

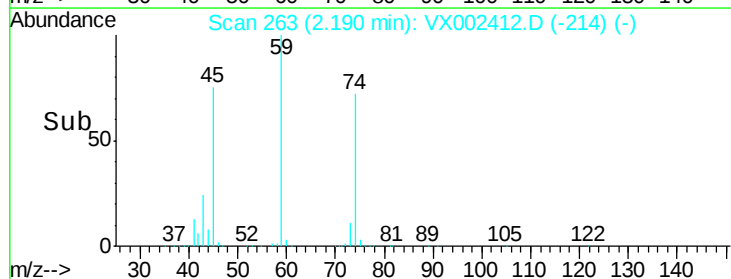
60000

40000

20000

0

Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.22 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

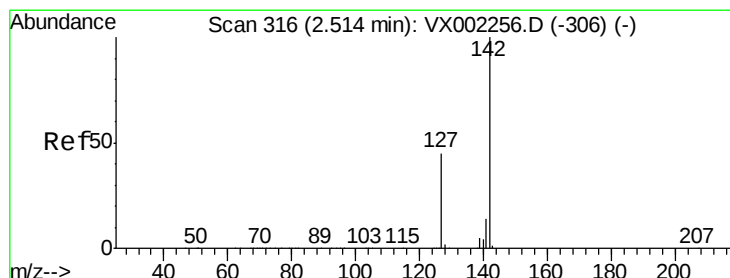
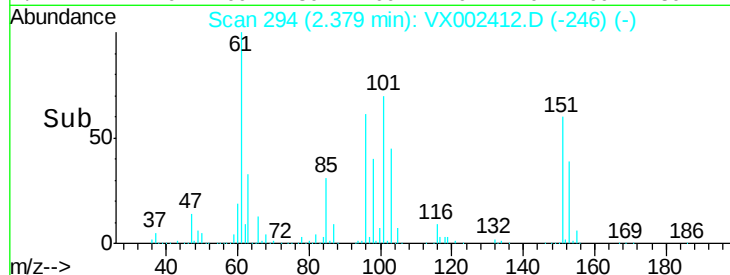
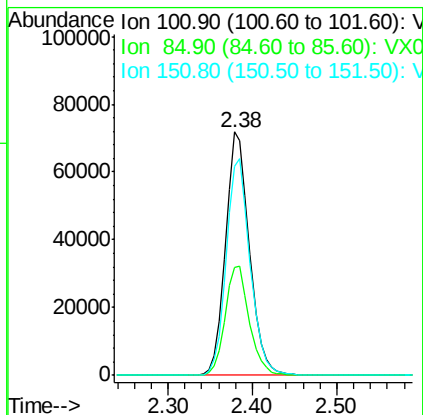
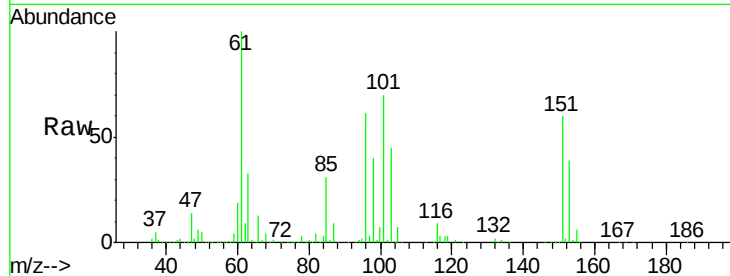
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	139117
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.0	54.0
151	89.3	70.9	106.3

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#10

Methyl Iodide

Concen: 40.79 ug/l

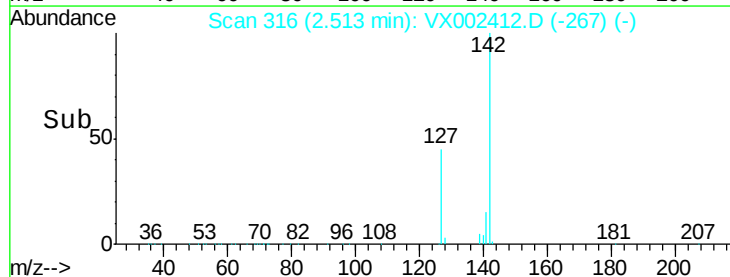
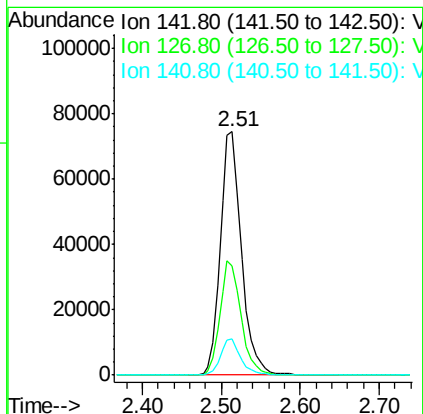
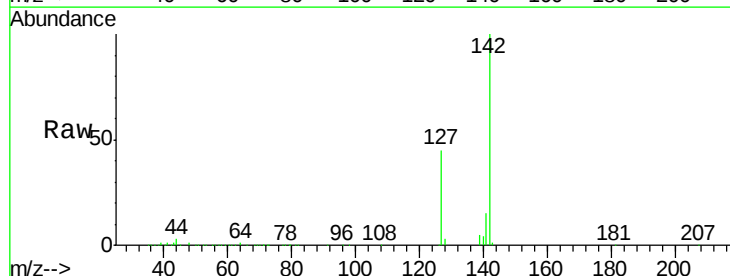
RT: 2.51 min Scan# 316

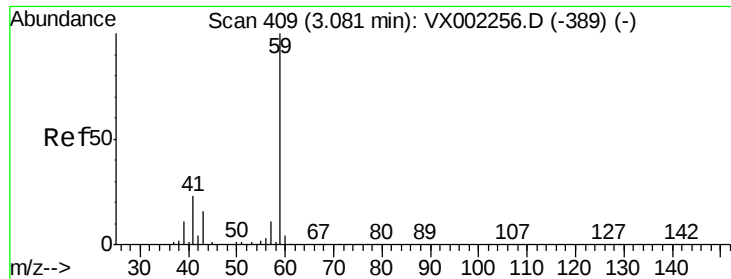
Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion:	142	Resp:	139487
Ion Ratio	Lower	Upper	
142	100		
127	46.7	36.6	55.0
141	14.3	11.3	16.9





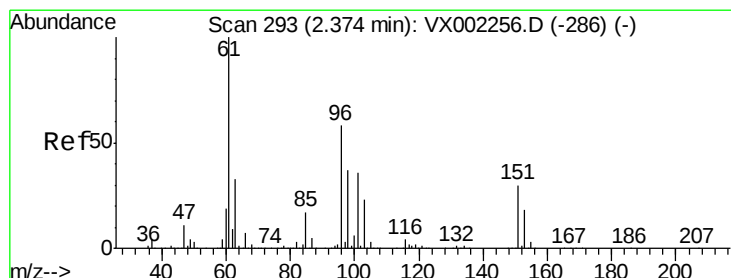
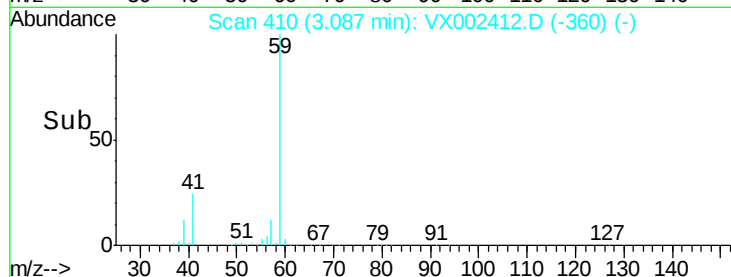
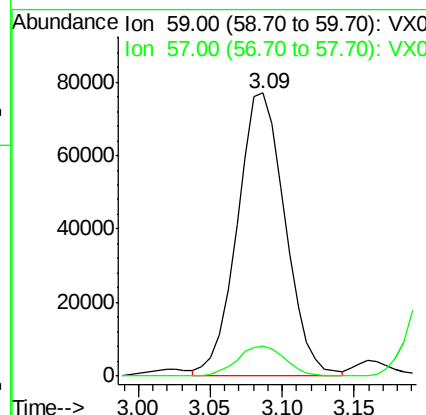
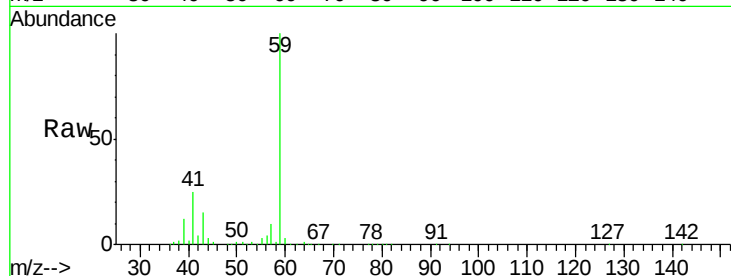
#11
Tert butyl alcohol
Concen: 269.94 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 177521
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2

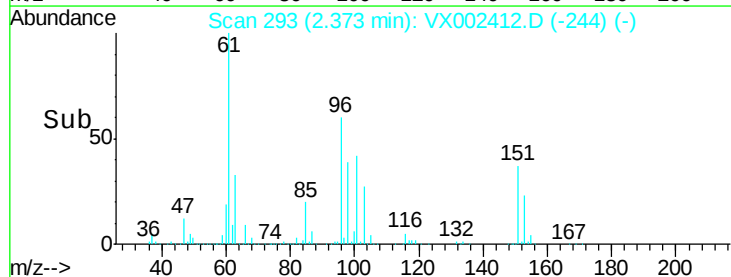
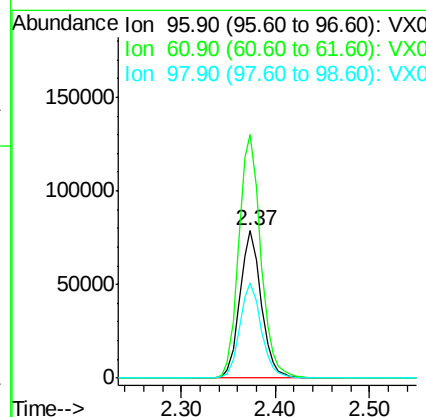
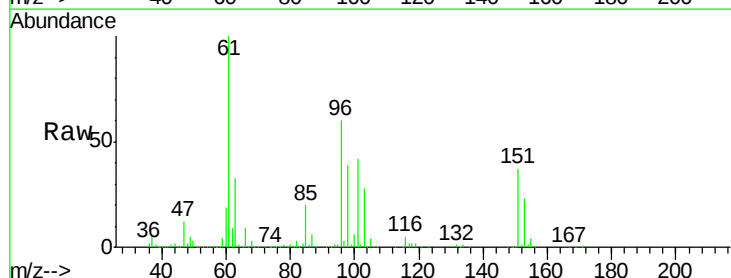
Manual Integrations
APPROVED

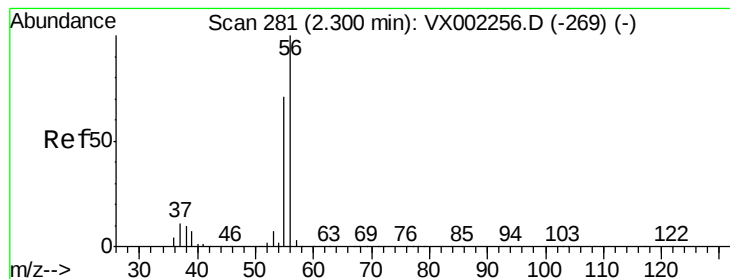
MMDadoda
6/11/2018 9:30:36 AM



#12
1,1-Dichloroethene
Concen: 51.85 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 96 Resp: 124581
Ion Ratio Lower Upper
96 100
61 165.6 137.9 206.9
98 64.3 51.6 77.4





#13

Acrolein

Concen: 268.03 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 85672

Ion Ratio Lower Upper

56 100

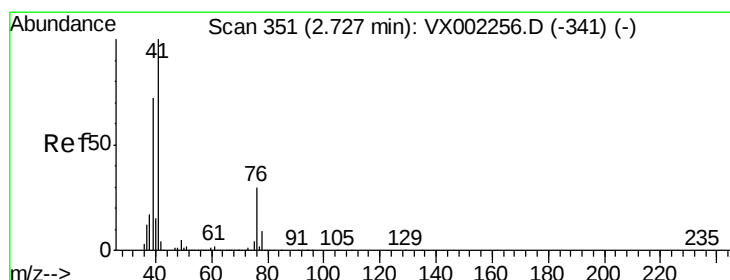
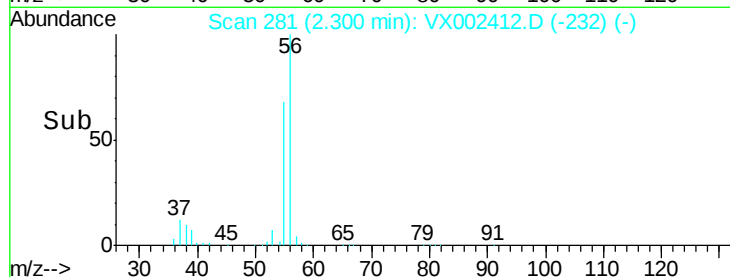
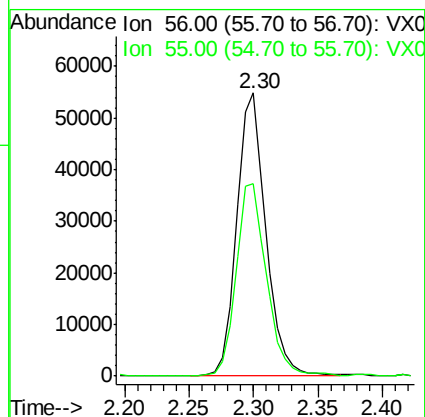
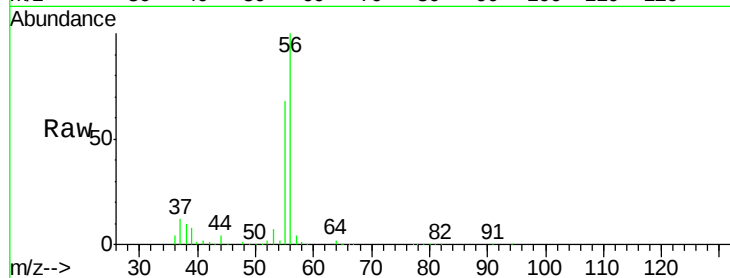
55 70.9 57.0 85.4

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



#14

Allyl chloride

Concen: 47.34 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

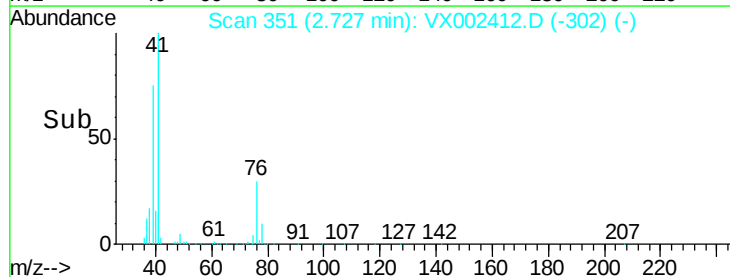
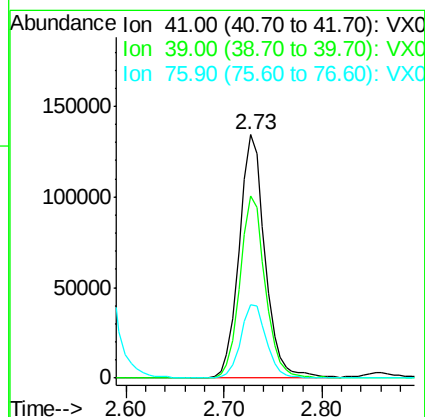
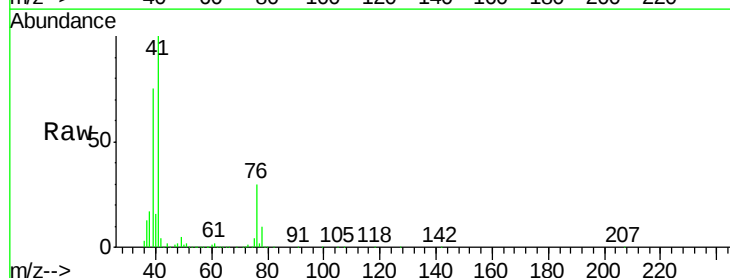
Tgt Ion: 41 Resp: 246850

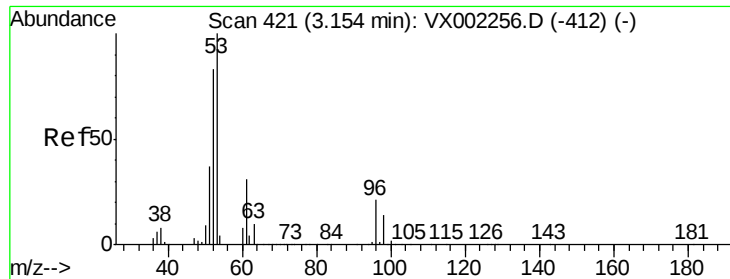
Ion Ratio Lower Upper

41 100

39 72.7 56.8 85.2

76 29.9 23.8 35.8





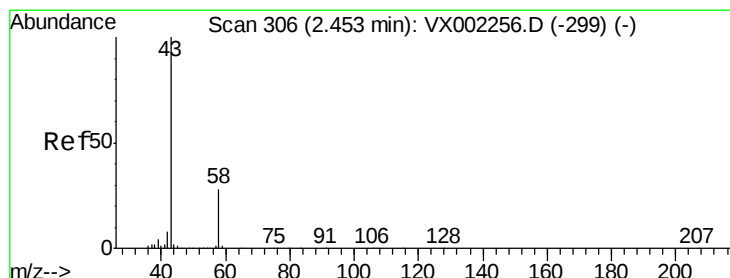
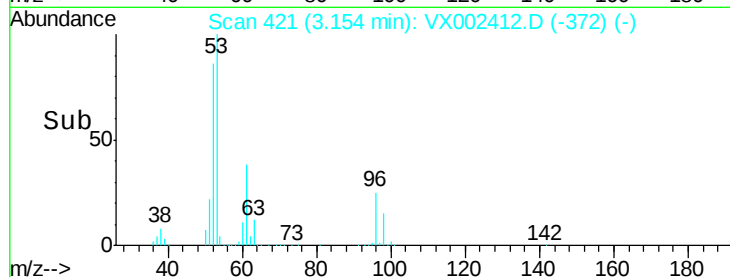
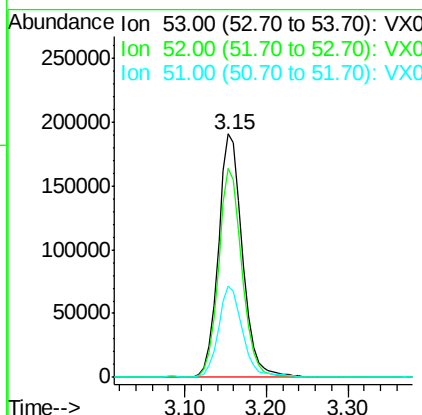
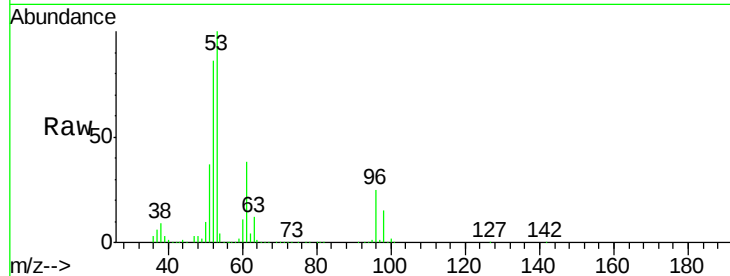
#15
 Acrylonitrile
 Concen: 285.31 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	37.9	29.9	44.9

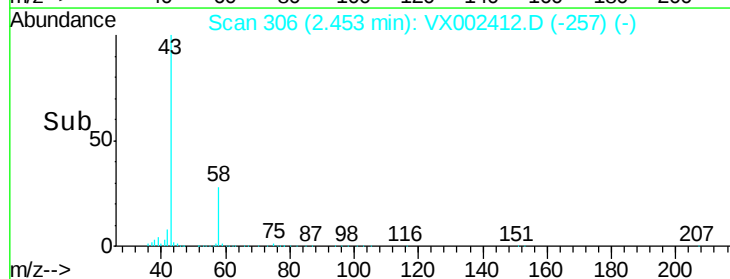
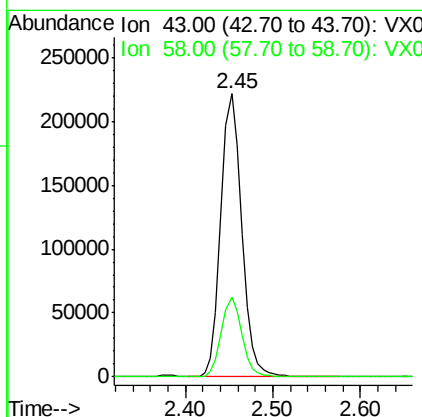
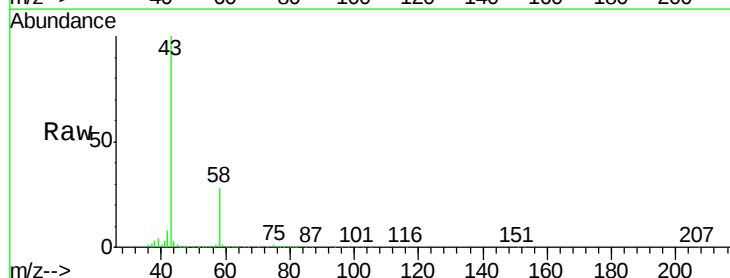
Manual Integrations
 APPROVED

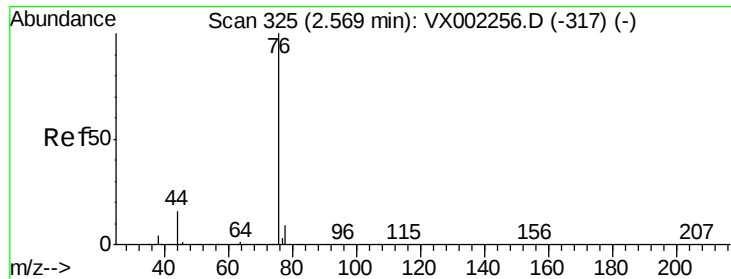
MMDadoda
 6/11/2018 9:30:36 AM



#16
 Acetone
 Concen: 265.43 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1





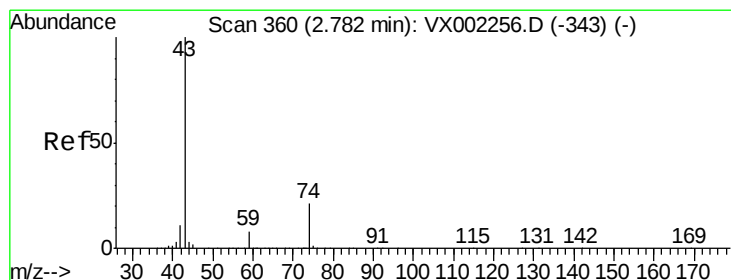
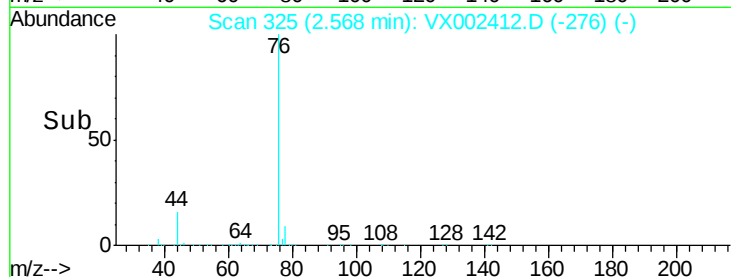
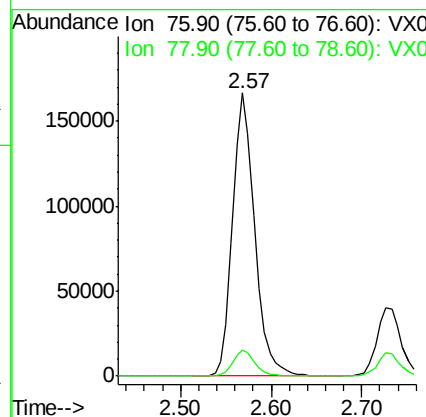
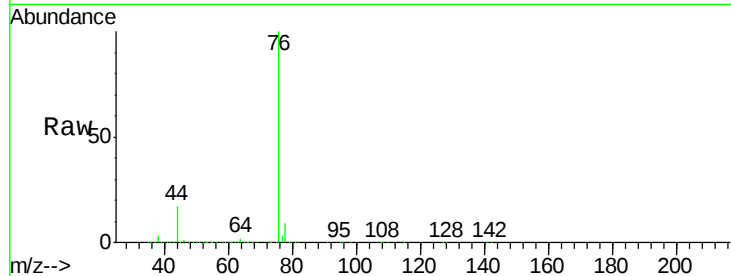
#17
Carbon Disulfide
Concen: 44.67 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
76	100	282881		
78	9.4	6.9	10.3	

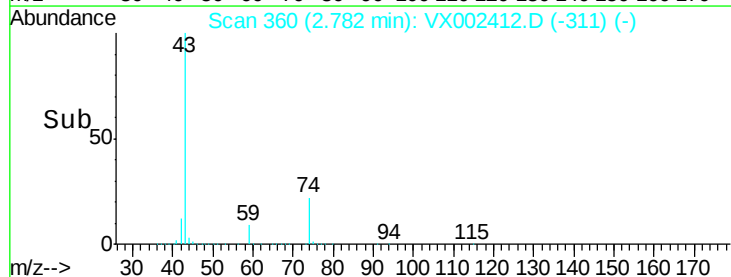
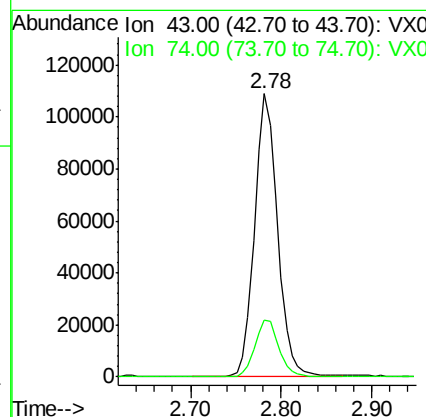
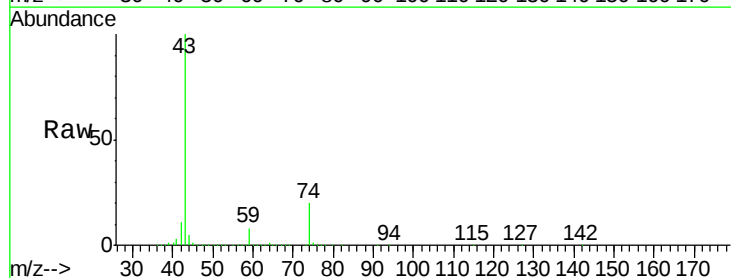
Manual Integrations
APPROVED

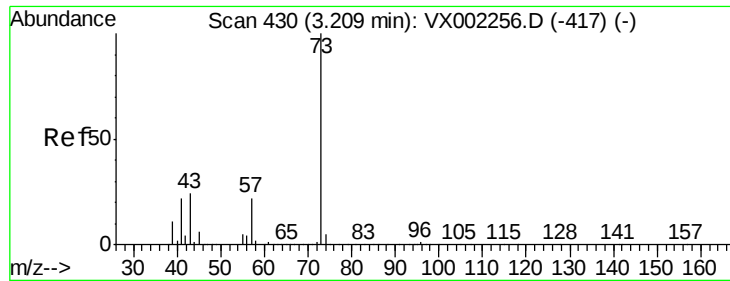
MMDadoda
6/11/2018 9:30:36 AM



#18
Methyl Acetate
Concen: 59.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	190873		
74	20.5	16.7	25.1	





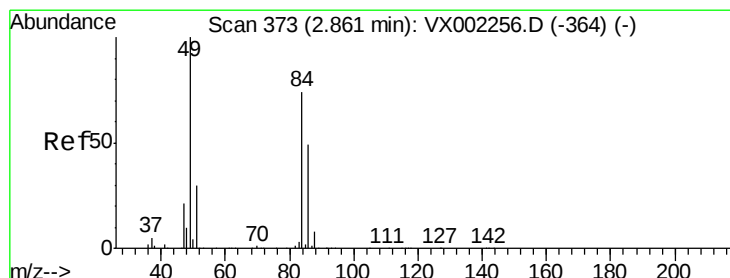
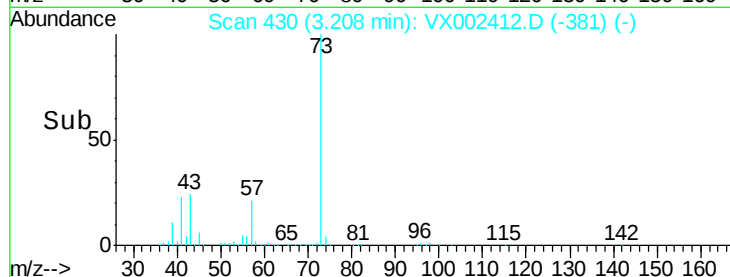
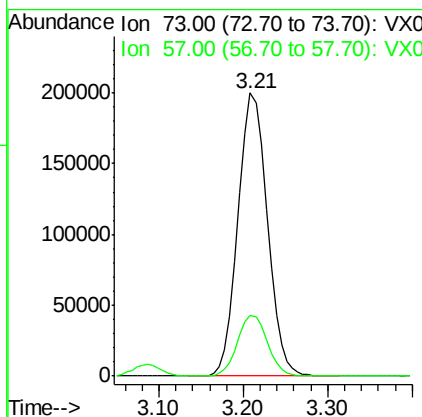
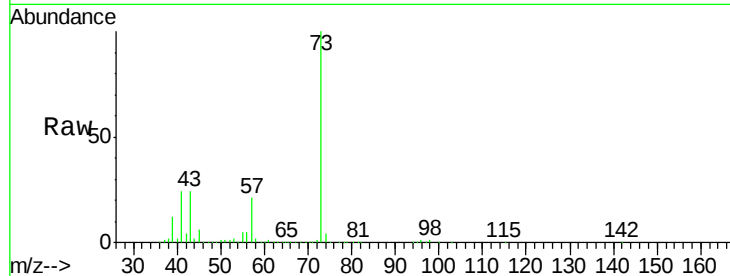
#19
Methyl tert-butyl Ether
Concen: 56.72 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 471932
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

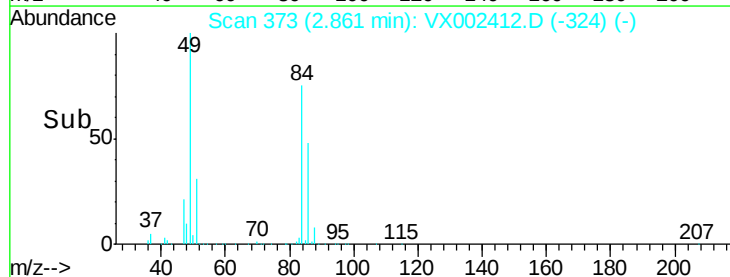
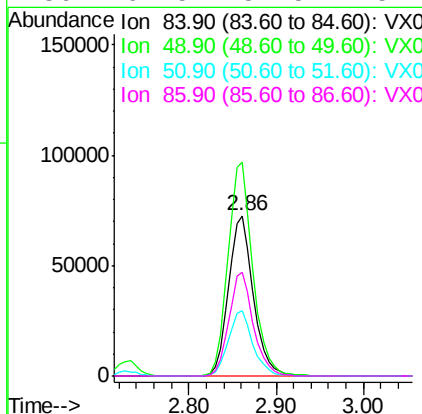
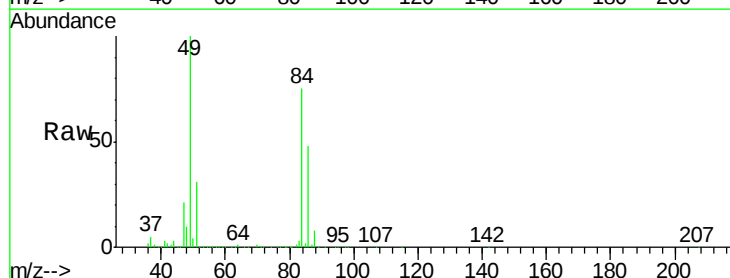
Manual Integrations
APPROVED

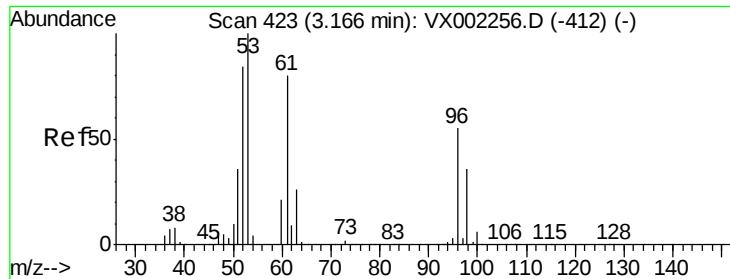
MMDadoda
6/11/2018 9:30:36 AM



#20
Methylene Chloride
Concen: 56.22 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 84 Resp: 142614
Ion Ratio Lower Upper
84 100
49 133.1 107.8 161.6
51 40.8 32.8 49.2
86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

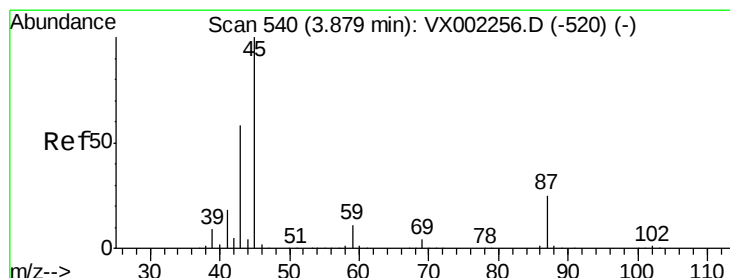
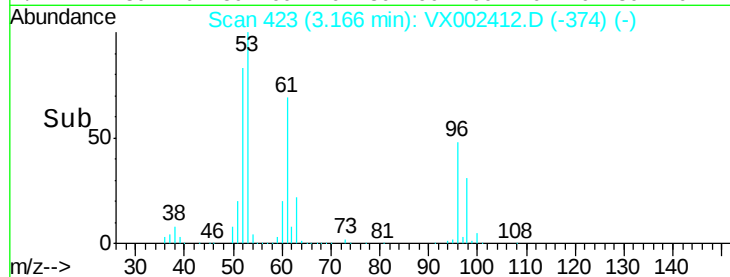
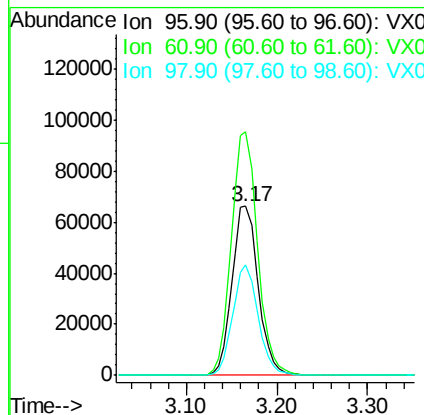
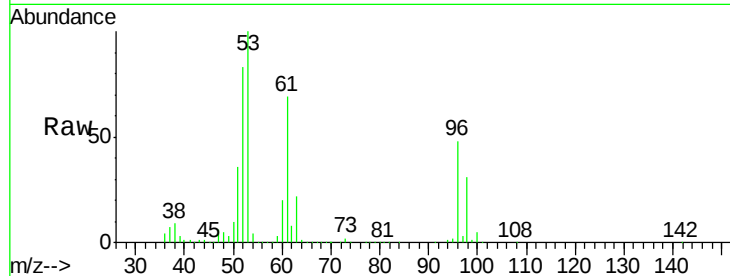
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	133287
Ion	Ratio	Lower	Upper
96	100		
61	144.0	117.0	175.4
98	65.2	52.4	78.6

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#22

Diisopropyl ether

Concen: 50.01 ug/l

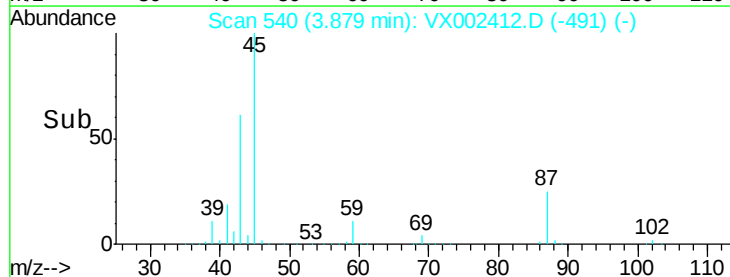
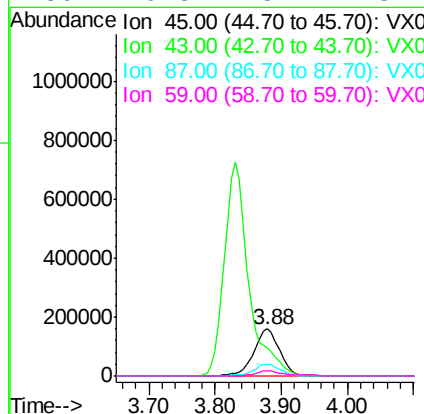
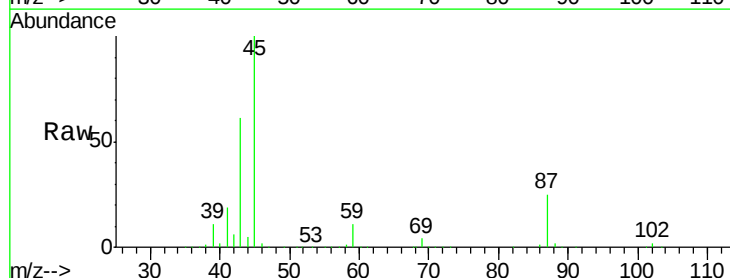
RT: 3.88 min Scan# 540

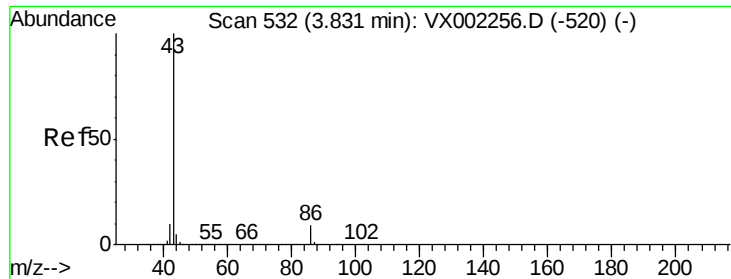
Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion:	45	Resp:	435694
Ion	Ratio	Lower	Upper
45	100		
43	61.2	46.8	70.2
87	25.1	20.2	30.4
59	10.8	8.7	13.1





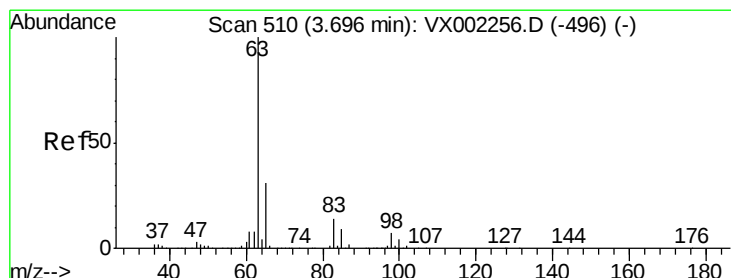
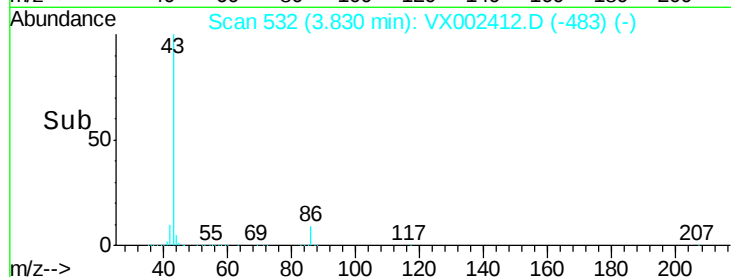
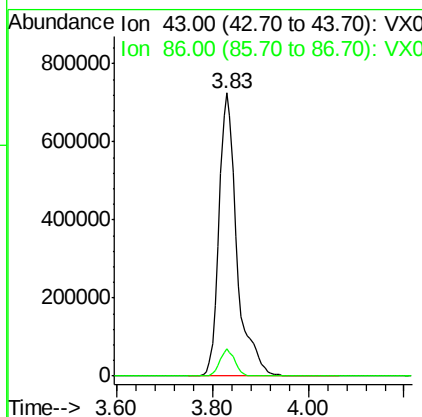
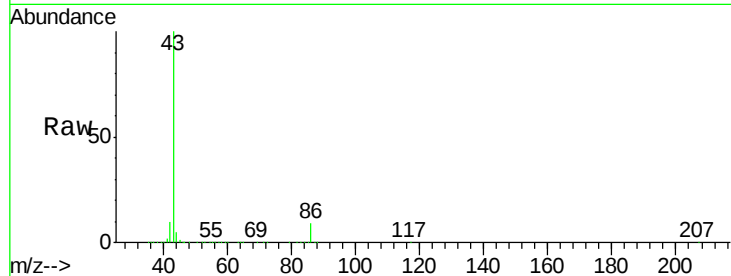
#23
 Vinyl Acetate
 Concen: 220.75 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1866087
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0

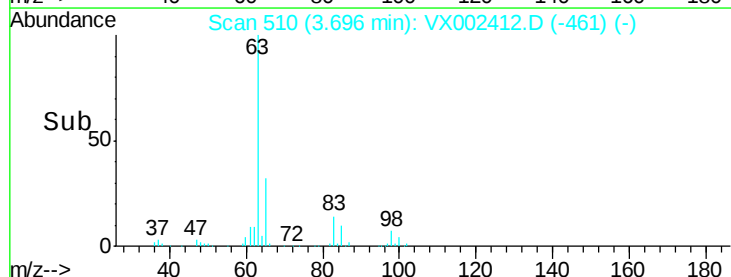
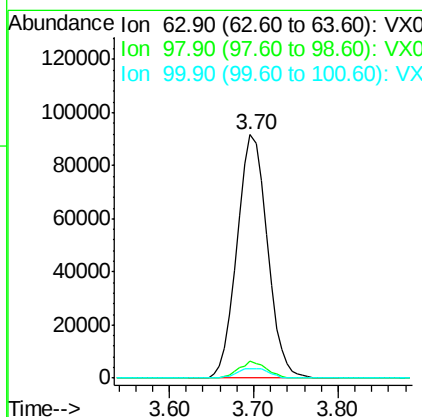
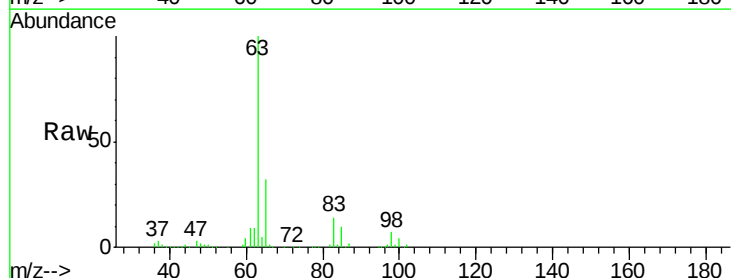
Manual Integrations
 APPROVED

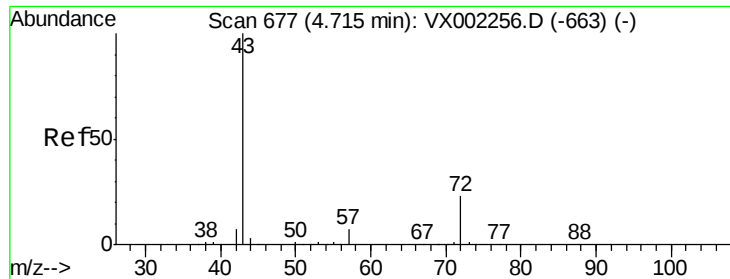
MMDadoda
 6/11/2018 9:30:36 AM



#24
 1,1-Dichloroethane
 Concen: 43.26 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 63 Resp: 222934
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 224.40 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 496627

Ion Ratio Lower Upper

43 100

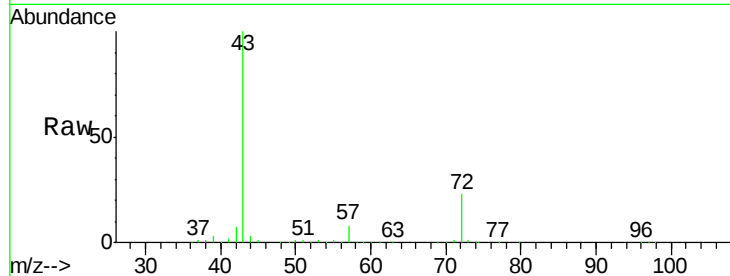
72 22.8 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

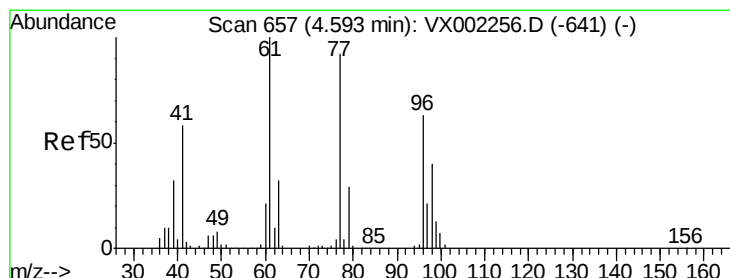
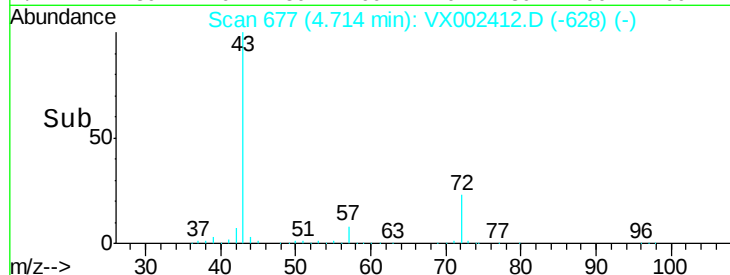
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.73 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002412.D

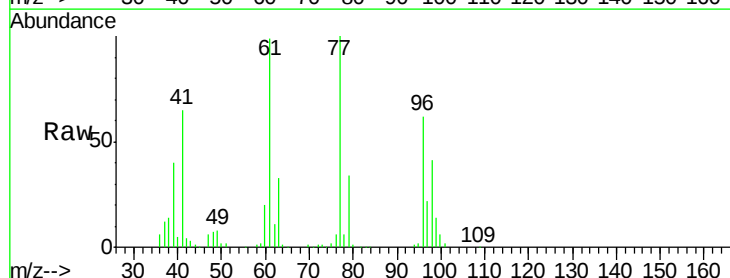
Acq: 08 Jun 2018 19:50

Tgt Ion: 77 Resp: 160076

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

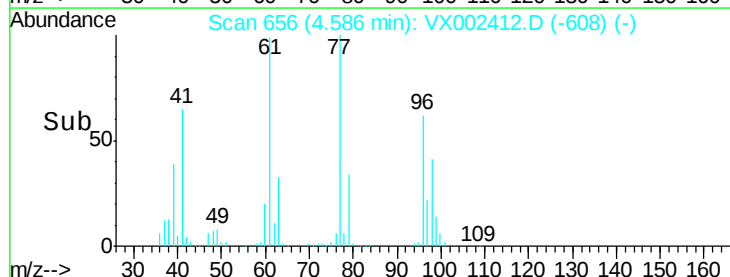
20000

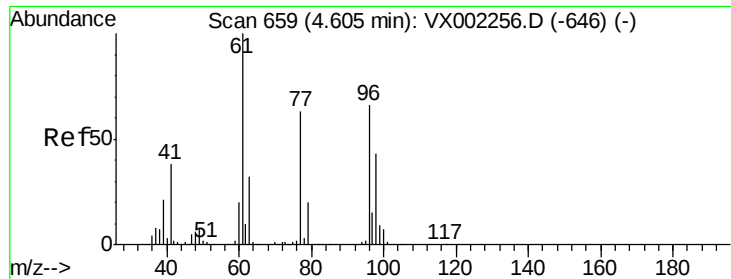
10000

0

4.50 4.60 4.70

Time-->





#27

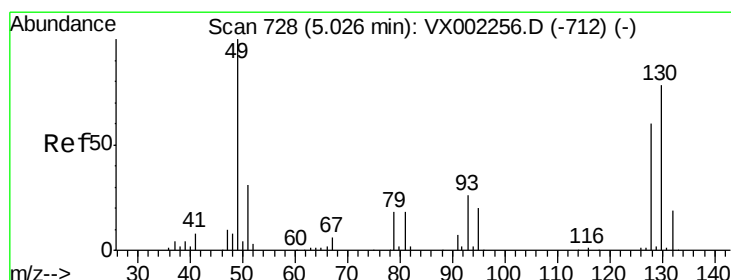
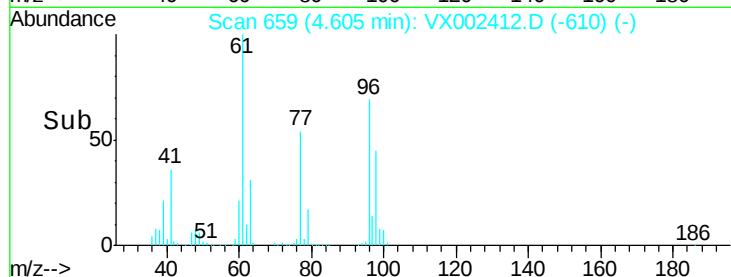
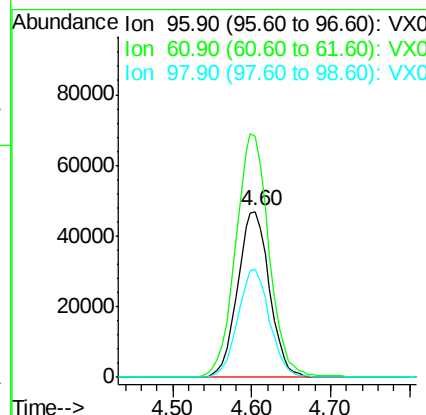
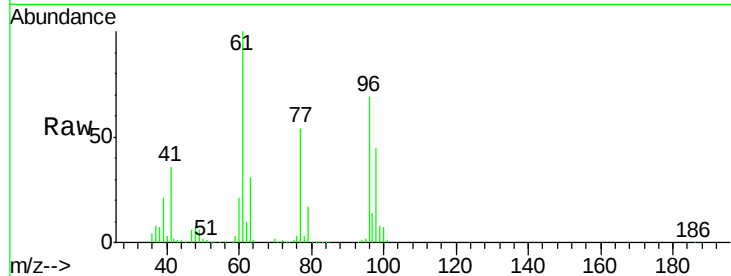
cis-1,2-Dichloroethene
Concen: 45.79 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	131943		
61	153.9	0.0	330.2	
98	65.1	0.0	130.2	

Manual Integrations
APPROVED

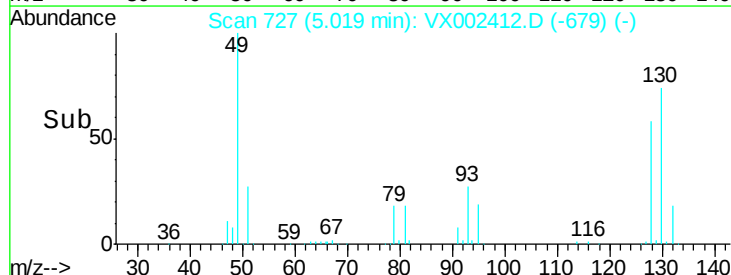
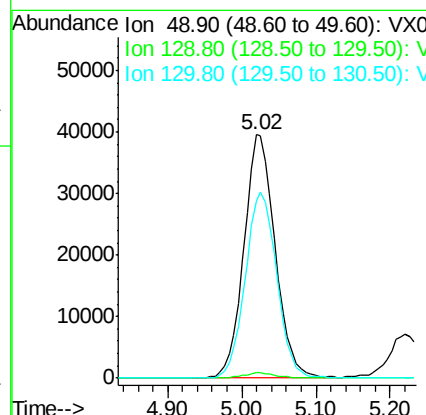
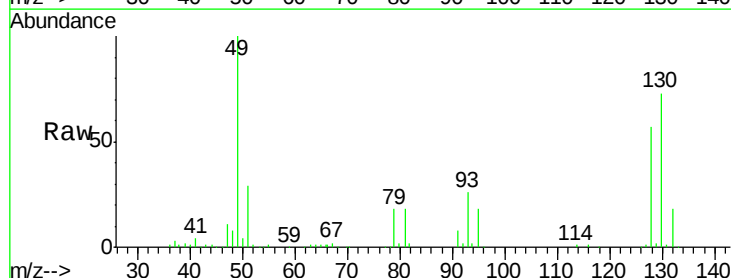
MMDadoda
6/11/2018 9:30:36 AM

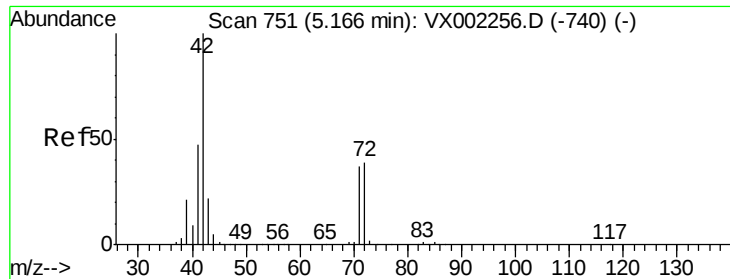


#28

Bromochloromethane
Concen: 53.28 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116268		
129	2.2	0.0	4.2	
130	77.0	61.2	91.8	





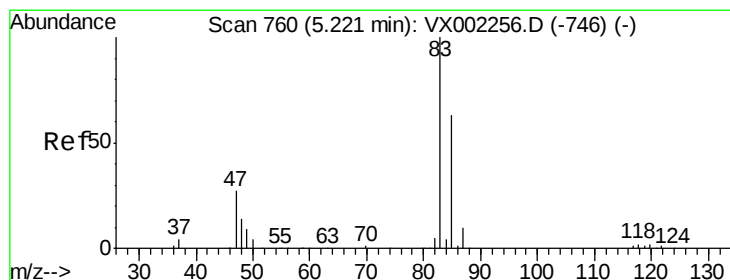
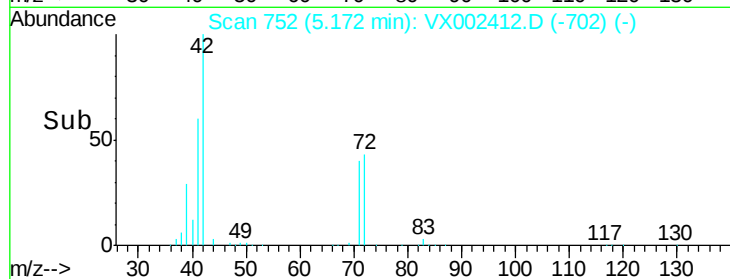
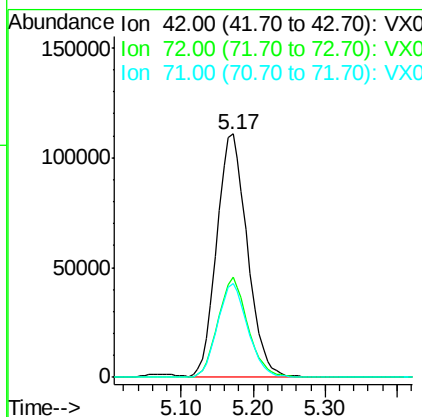
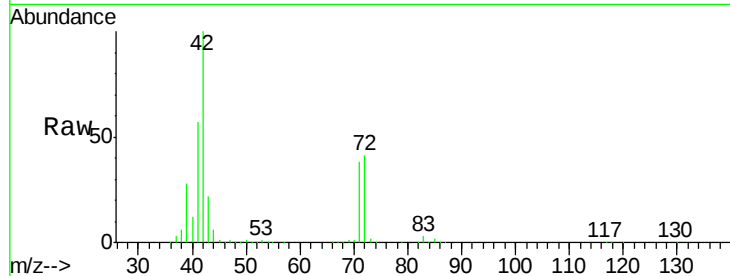
#29
Tetrahydrofuran
Concen: 228.42 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.0	48.0
71	38.2	30.1	45.1

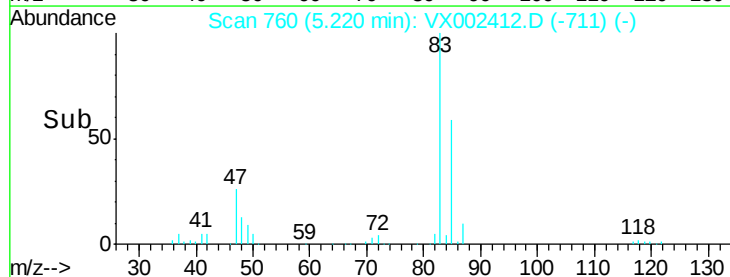
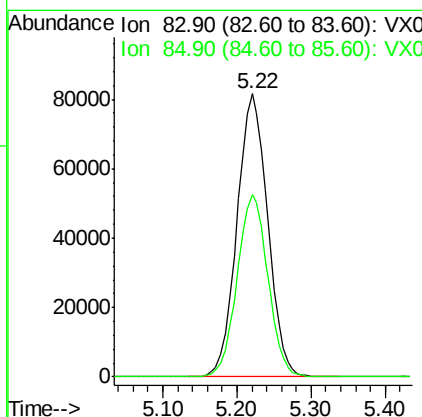
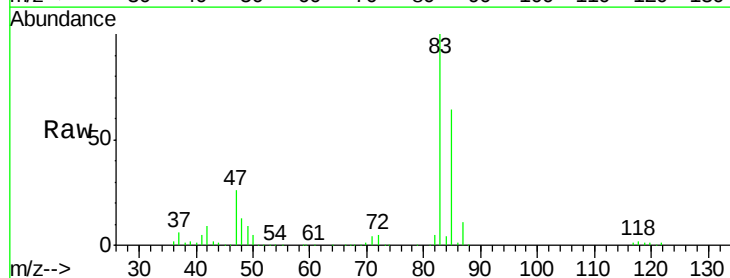
Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#30
Chloroform
Concen: 47.53 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.4	75.6





#31

Cyclohexane

Concen: 49.26 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

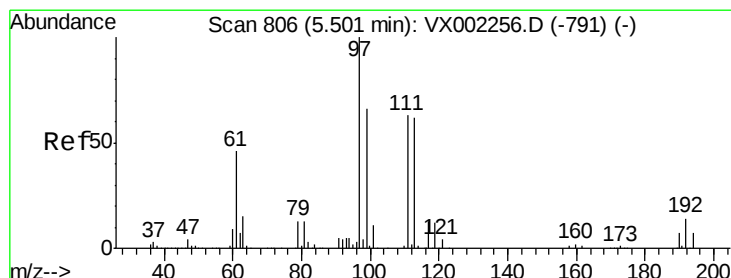
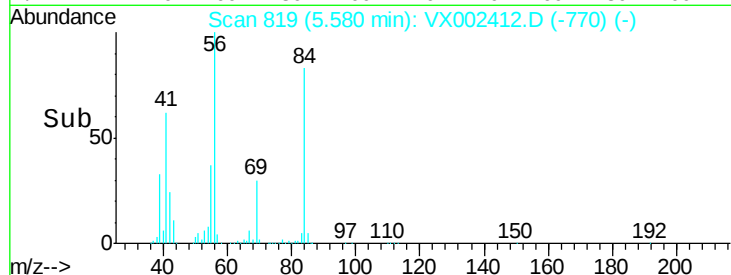
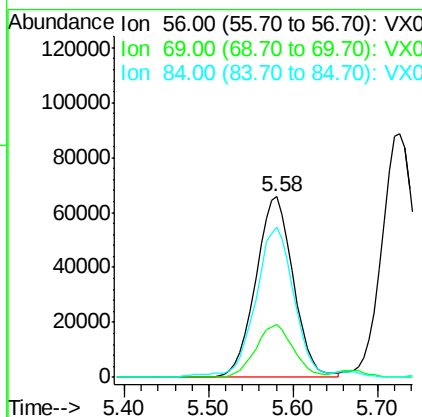
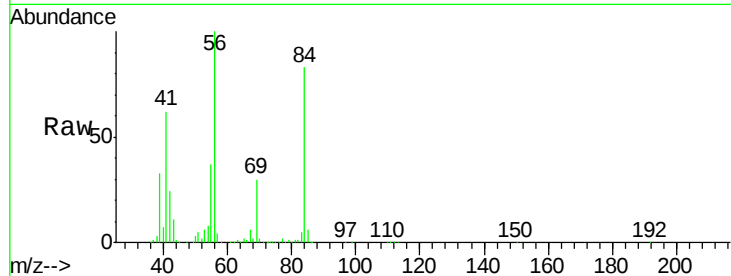
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.7	35.5
84	82.5	64.1	96.1

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#32

1,1,1-Trichloroethane

Concen: 48.61 ug/l

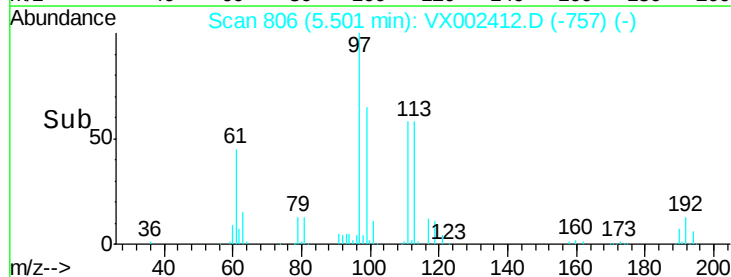
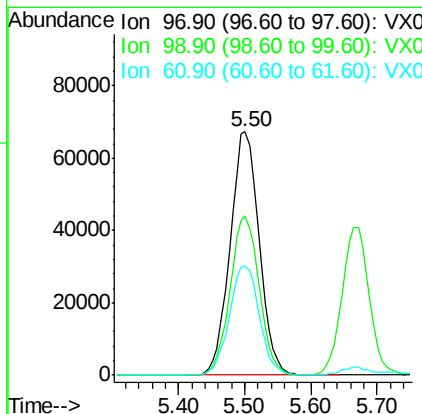
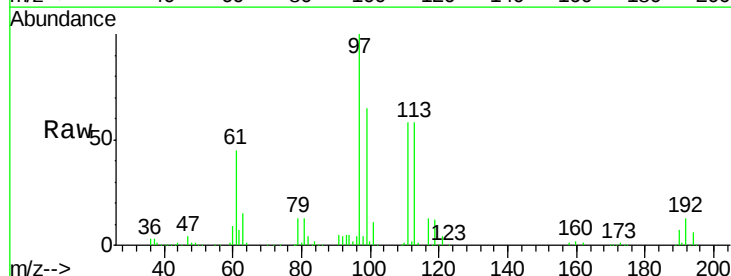
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	46.3	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 47.05 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 152514

Ion Ratio Lower Upper

65 100

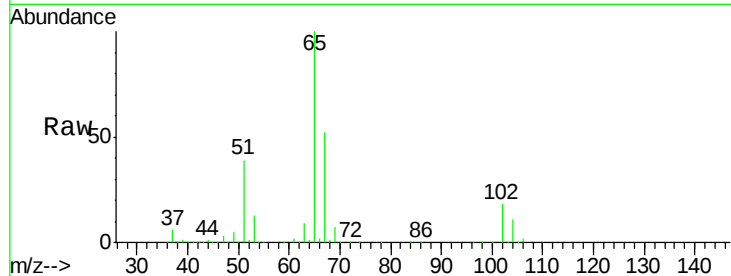
67 50.8 0.0 102.6

Manual Integrations

APPROVED

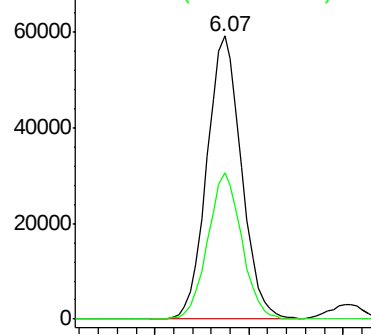
MMDadoda

6/11/2018 9:30:36 AM

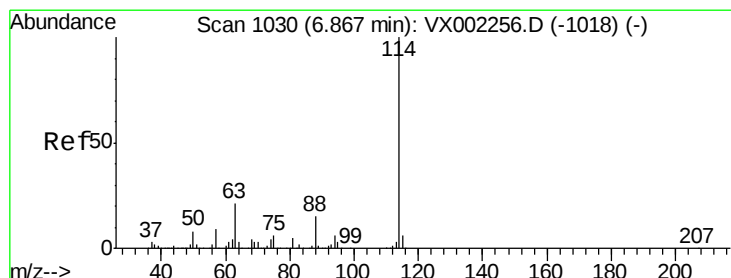
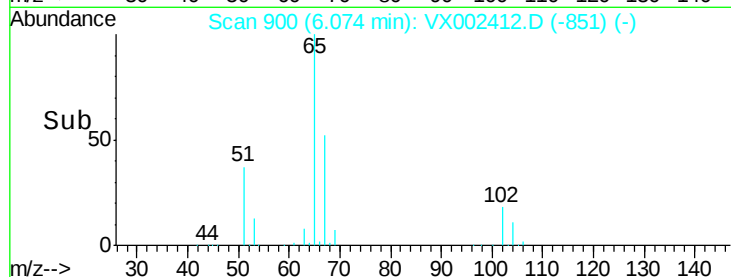


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

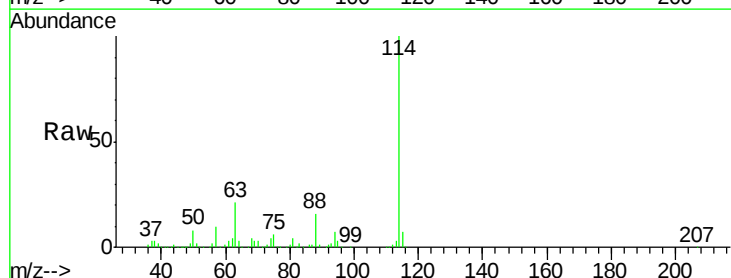
Tgt Ion: 114 Resp: 328139

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

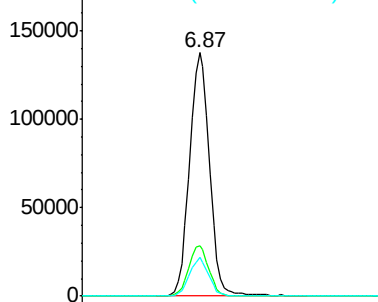
88 15.8 0.0 30.0



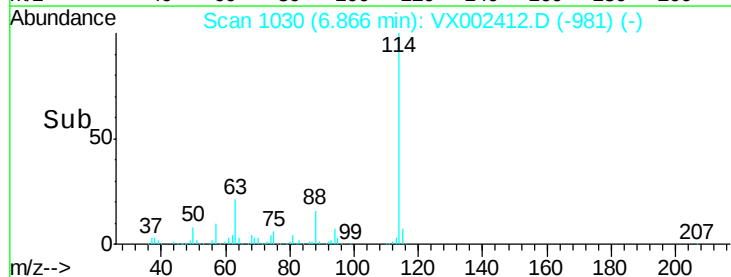
Abundance Ion 113.90 (113.60 to 114.60): V

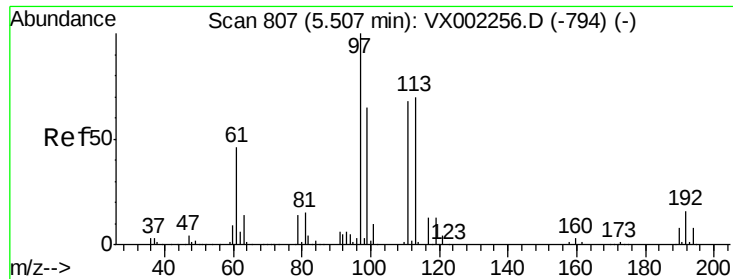
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





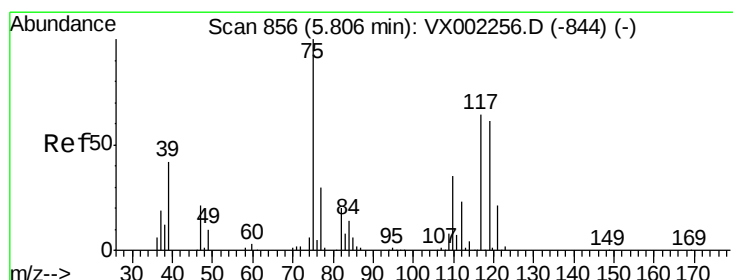
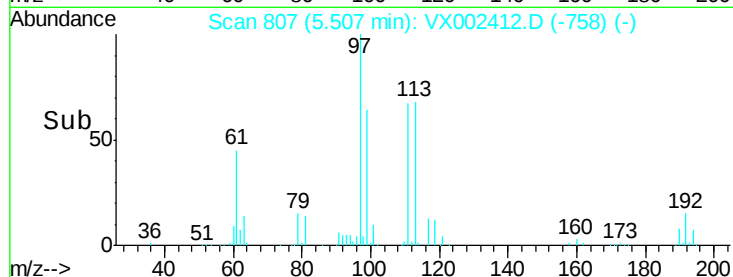
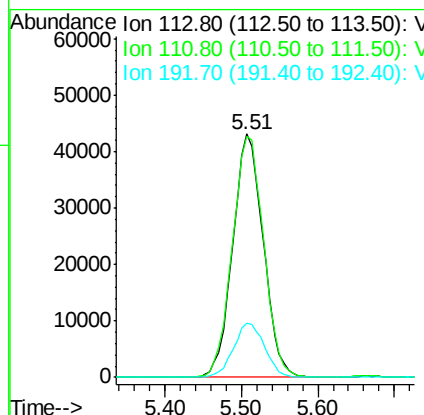
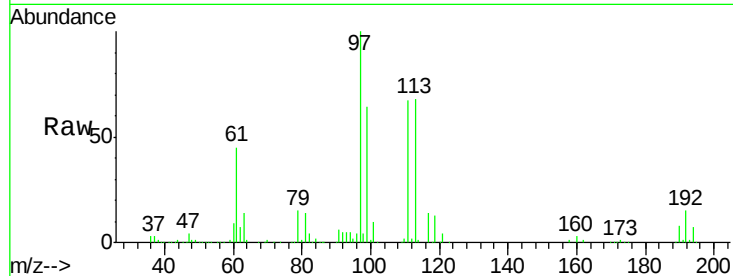
#35
 Dibromofluoromethane
 Concen: 46.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	119145		
111	101.5	81.4	122.0	
192	22.7	19.1	28.7	

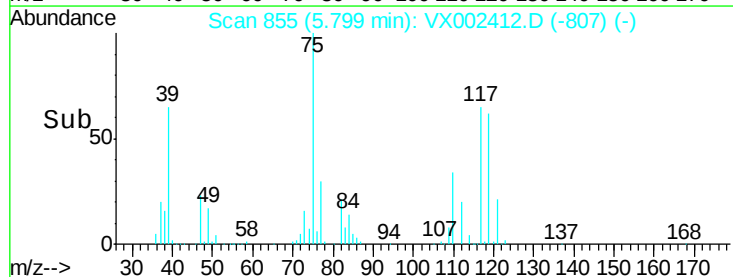
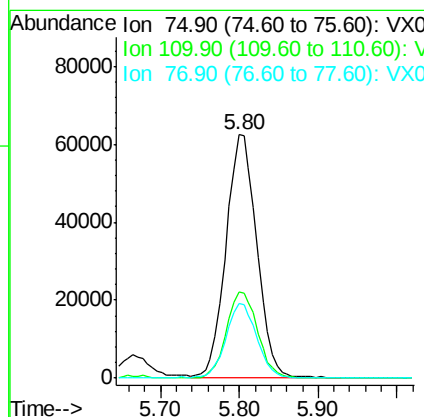
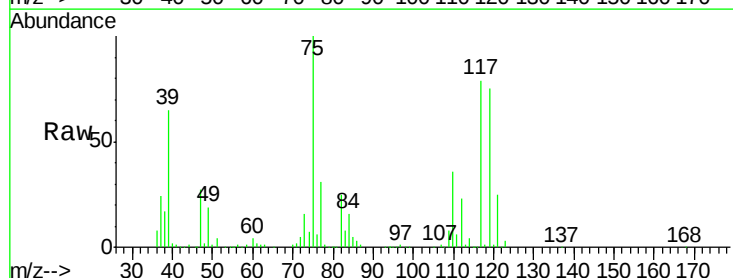
Manual Integrations
 APPROVED

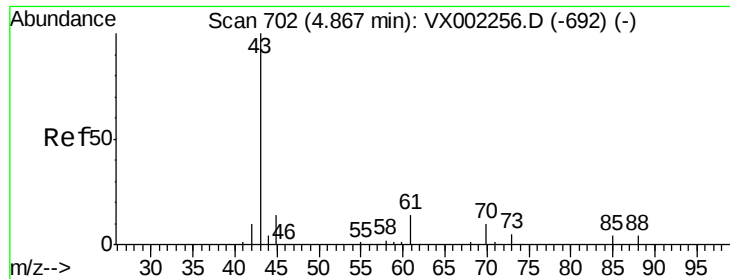
MMDadoda
 6/11/2018 9:30:36 AM



#36
 1,1-Dichloropropene
 Concen: 49.02 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	169095		
110	36.0	18.1	54.4	
77	30.4	24.3	36.5	





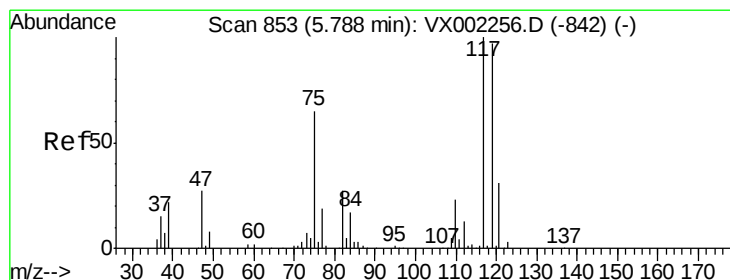
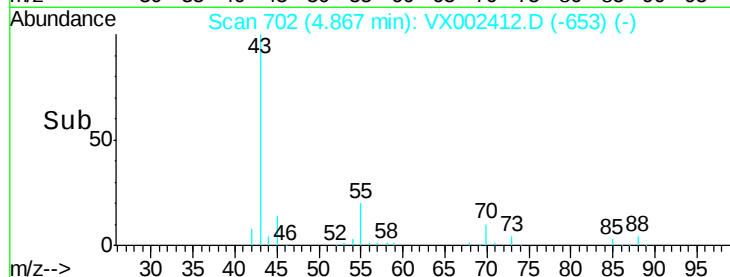
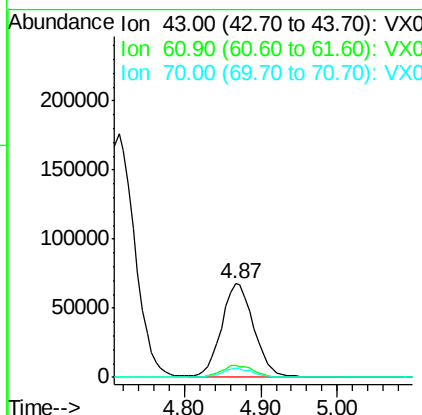
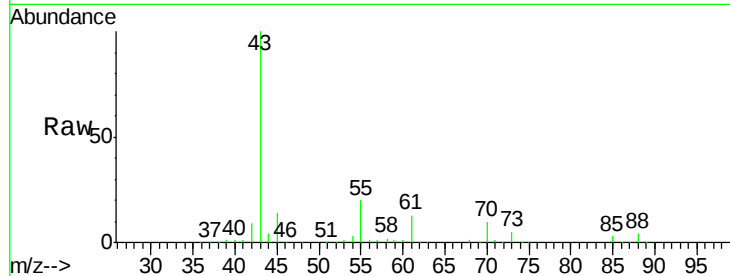
#37
Ethyl Acetate
Concen: 47.41 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.5	7.6	11.4

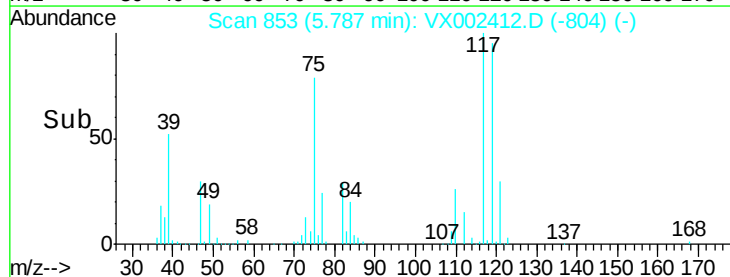
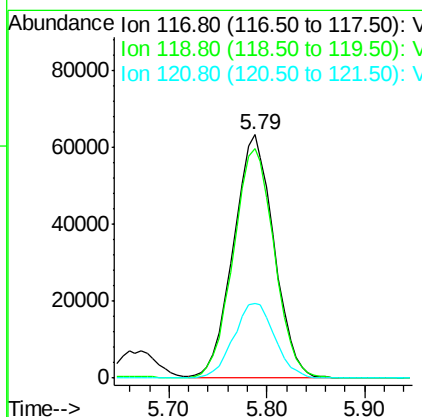
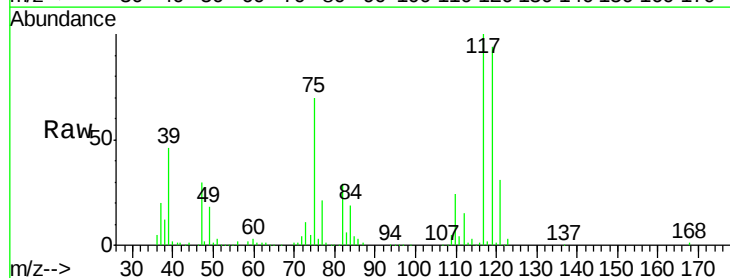
Manual Integrations
APPROVED

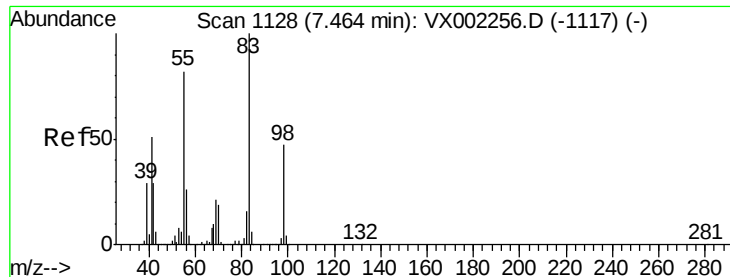
MMDadoda
6/11/2018 9:30:36 AM



#38
Carbon Tetrachloride
Concen: 50.04 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
121	30.6	24.4	36.6





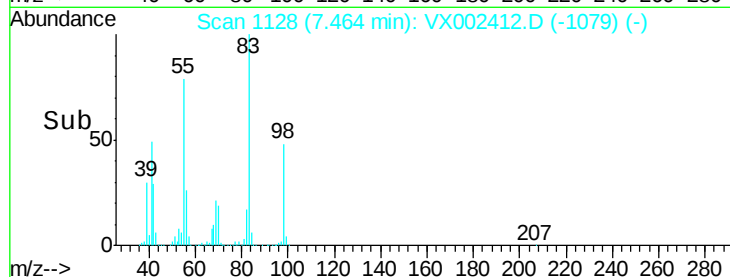
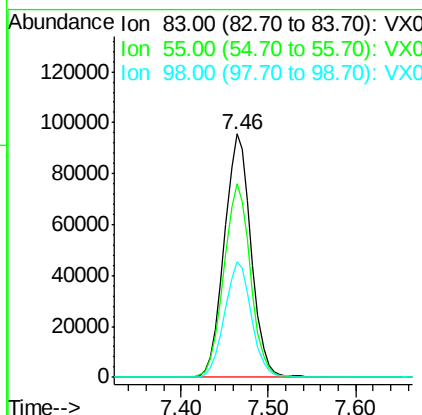
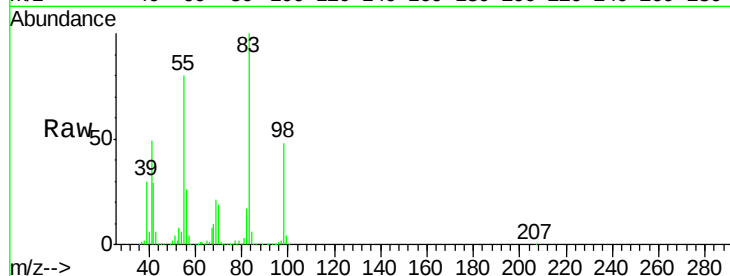
#39
Methylcyclohexane
Concen: 47.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.4	98.0
98	47.6	37.4	56.0

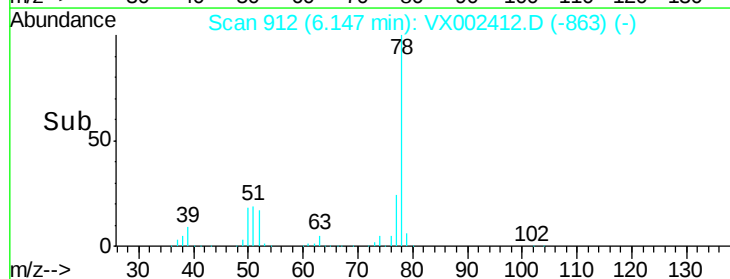
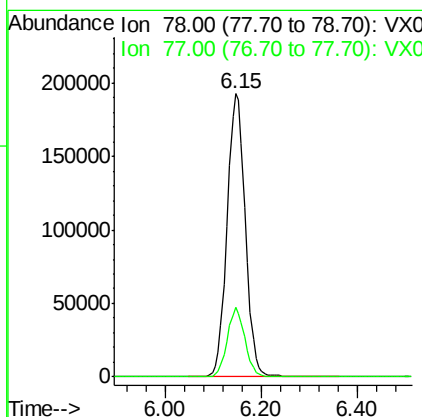
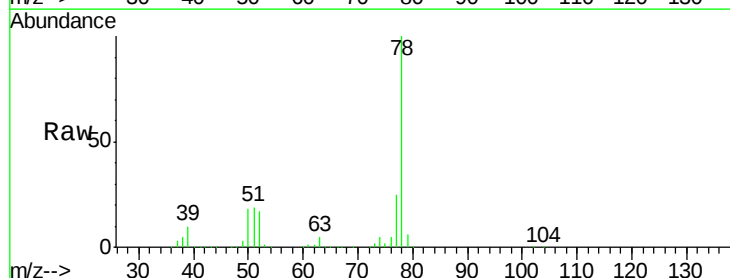
Manual Integrations
APPROVED

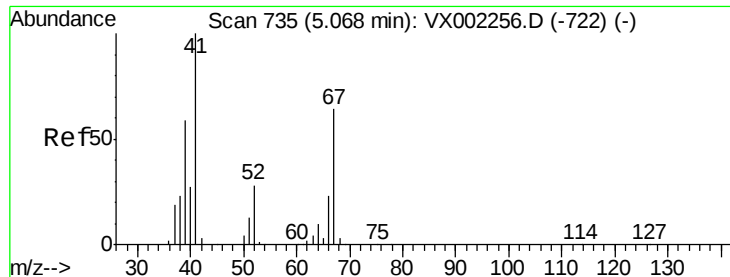
MMDadoda
6/11/2018 9:30:36 AM



#40
Benzene
Concen: 48.09 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7





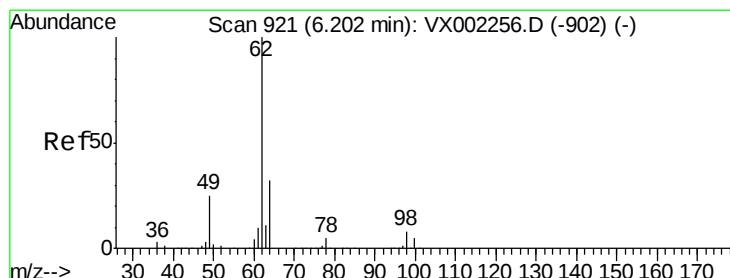
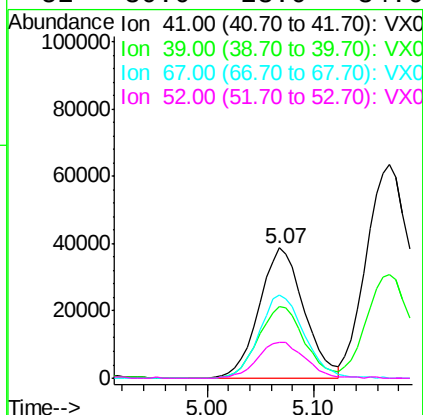
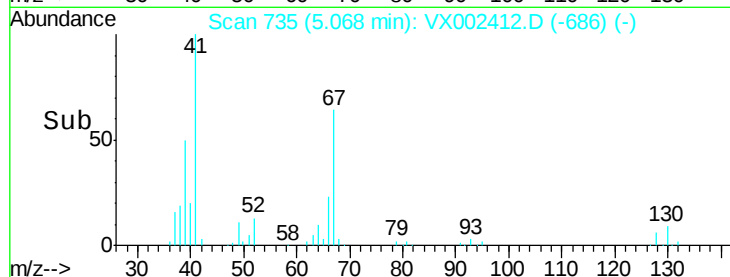
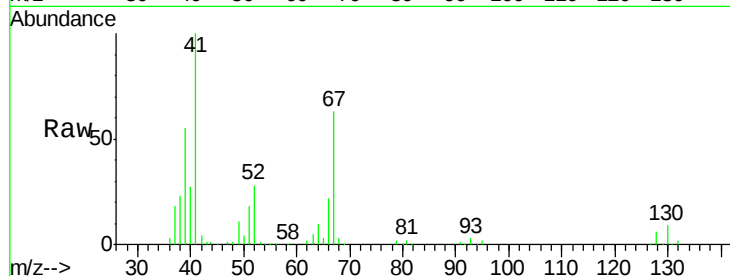
#41
Methacrylonitrile
Concen: 47.79 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.8	68.6
67	64.3	51.3	76.9
52	30.0	23.0	34.6

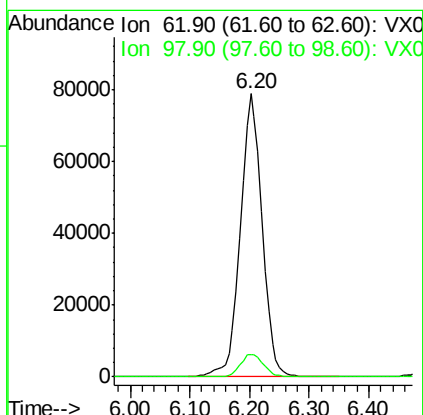
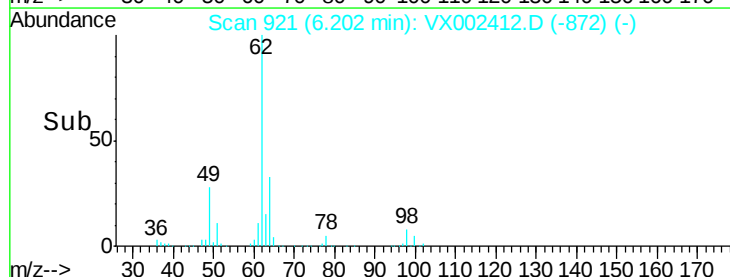
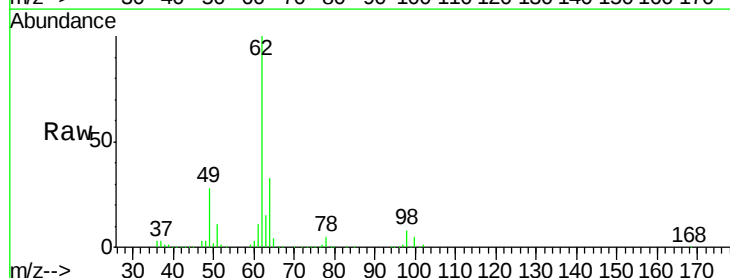
Manual Integrations
APPROVED

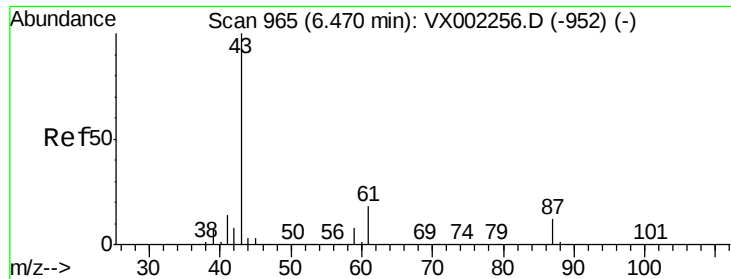
MMDadoda
6/11/2018 9:30:36 AM



#42
1,2-Dichloroethane
Concen: 47.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





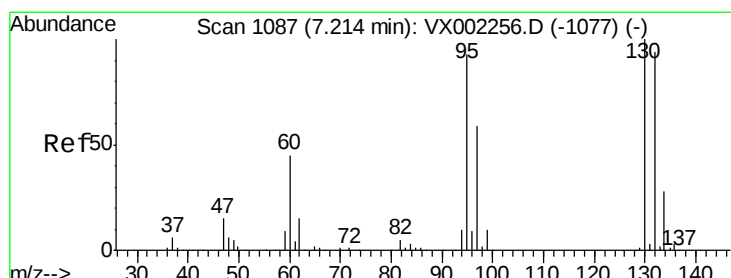
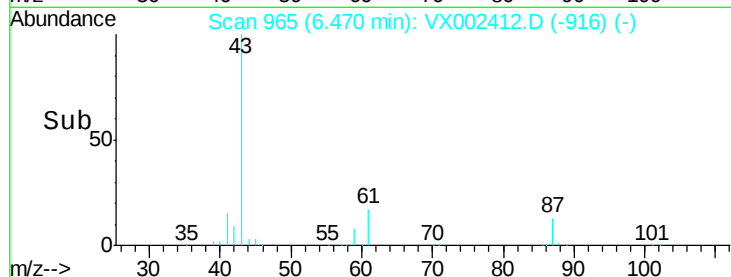
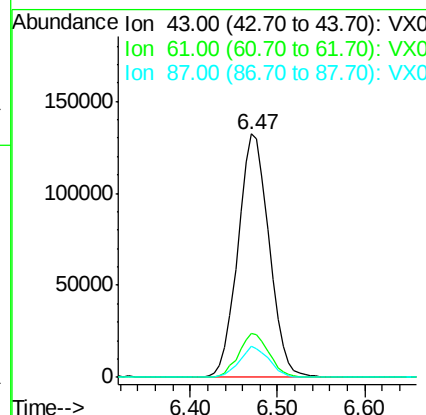
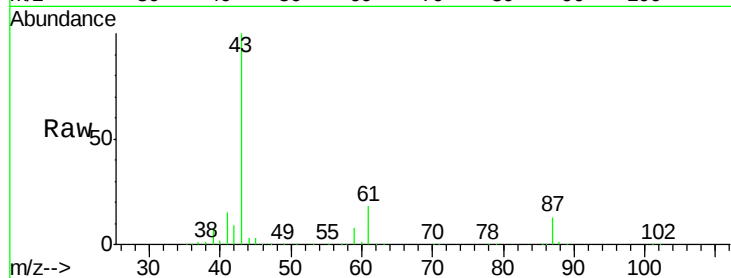
#43
Isopropyl Acetate
Concen: 46.52 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	12.3	9.5	14.3

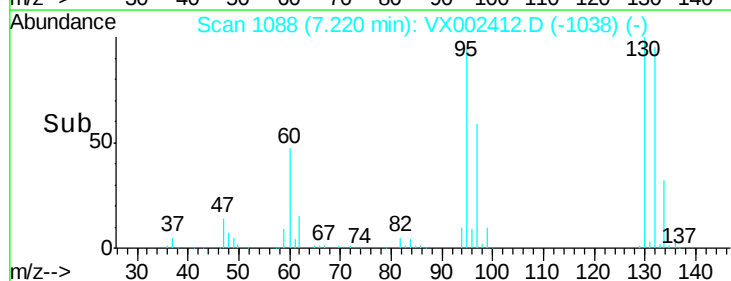
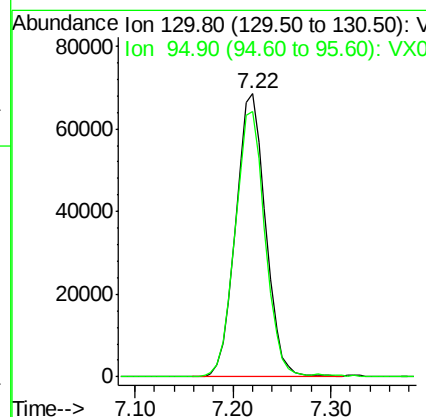
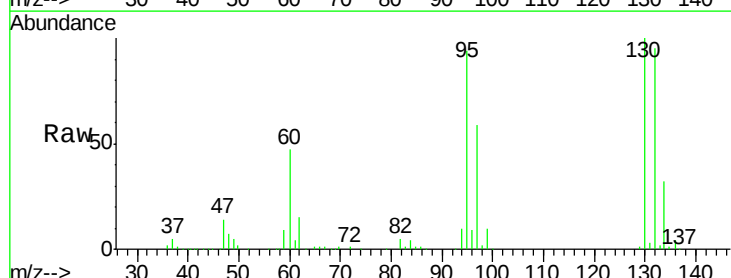
Manual Integrations
APPROVED

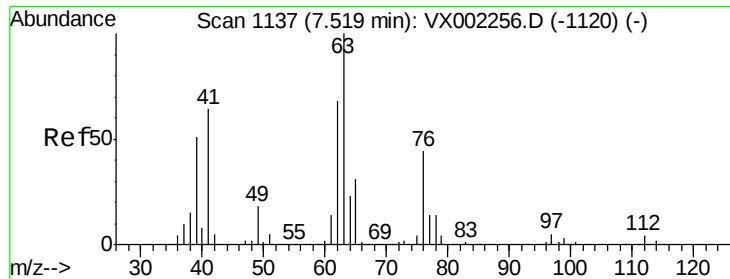
MMDadoda
6/11/2018 9:30:36 AM



#44
Trichloroethene
Concen: 49.38 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	185.4





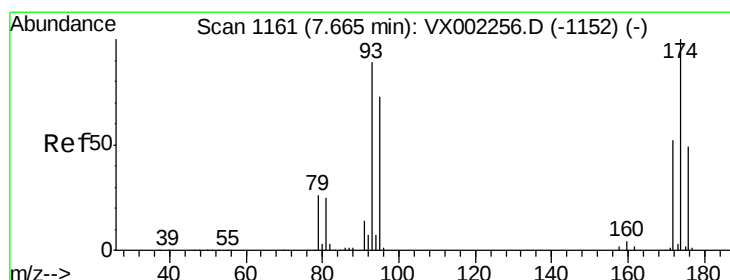
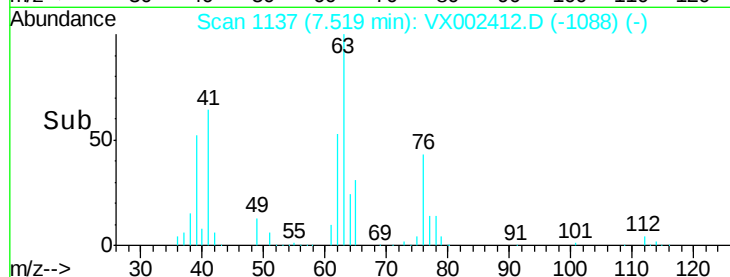
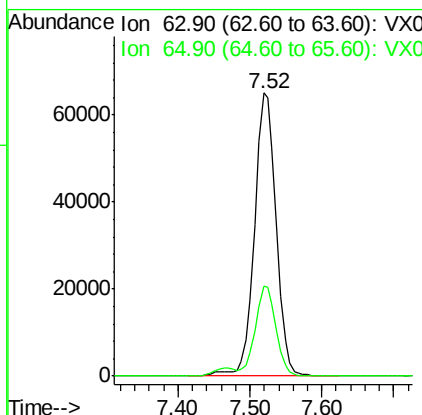
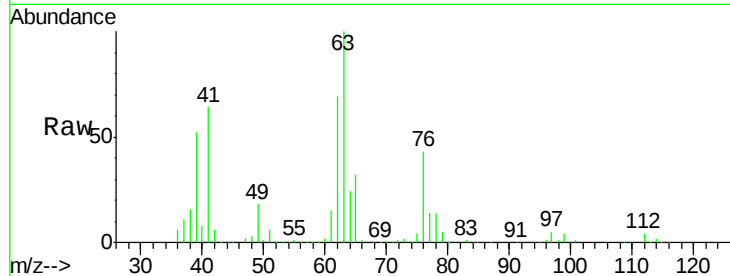
#45
 1,2-Dichloropropane
 Concen: 47.75 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 136362
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.7 37.1

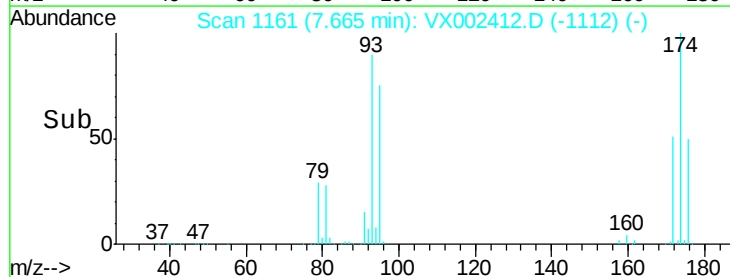
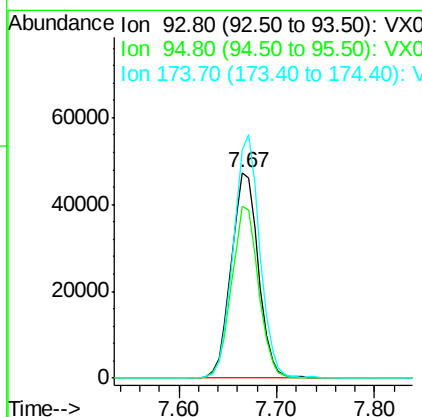
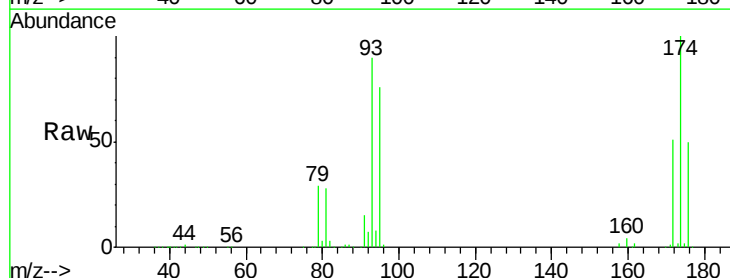
Manual Integrations
 APPROVED

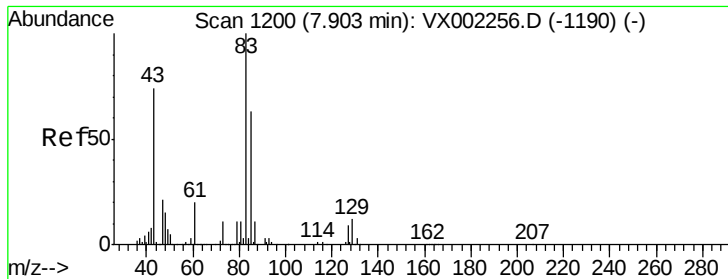
MMDadoda
 6/11/2018 9:30:36 AM



#46
 Dibromomethane
 Concen: 47.12 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 93 Resp: 91220
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 115.0 92.4 138.6





#47

Bromodichloromethane

Concen: 48.76 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

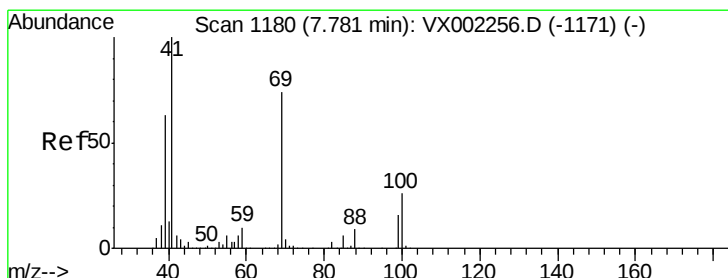
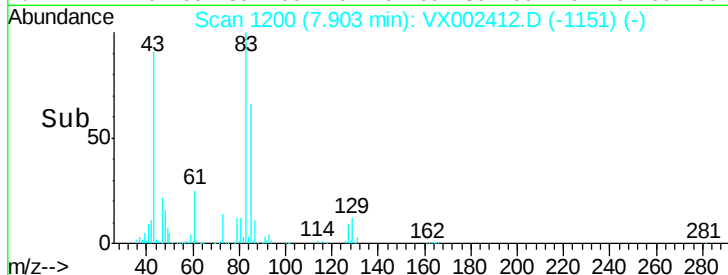
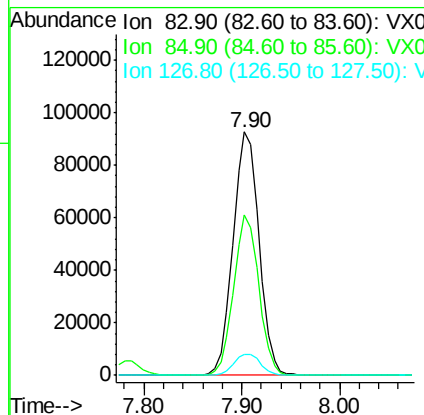
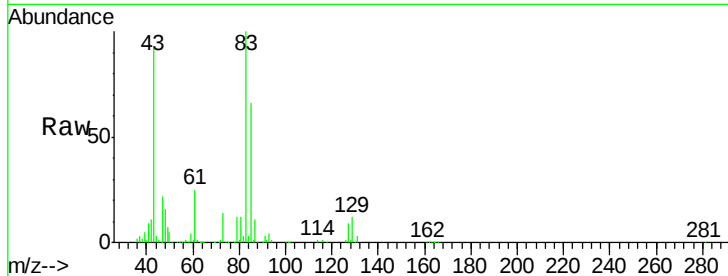
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	170699
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.3	75.5
127	8.8	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#48

Methyl methacrylate

Concen: 47.60 ug/l

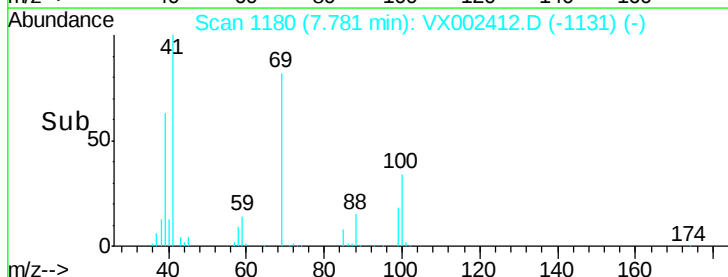
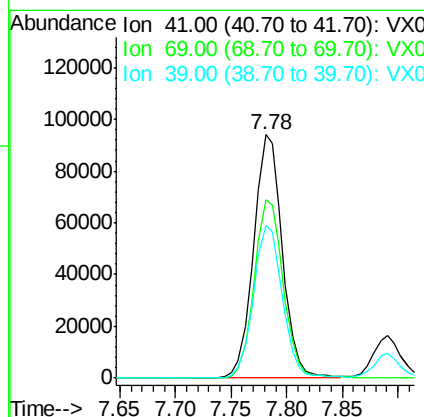
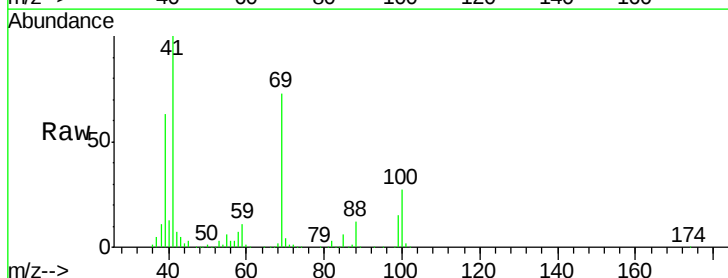
RT: 7.78 min Scan# 1180

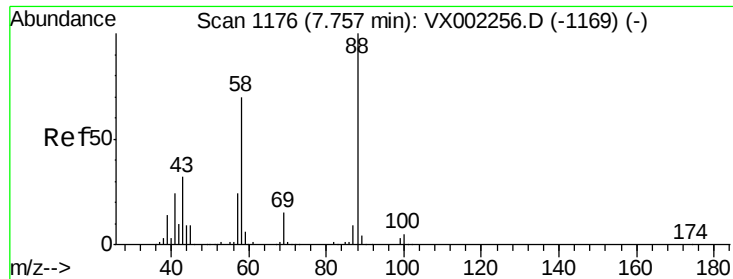
Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion:	41	Resp:	168481
Ion	Ratio	Lower	Upper
41	100		
69	75.3	59.1	88.7
39	63.3	48.9	73.3





#49

1,4-Dioxane

Concen: 980.74 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

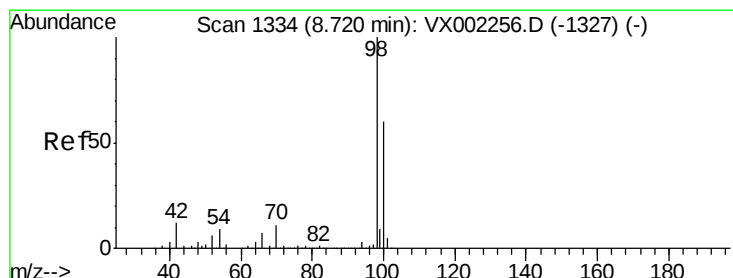
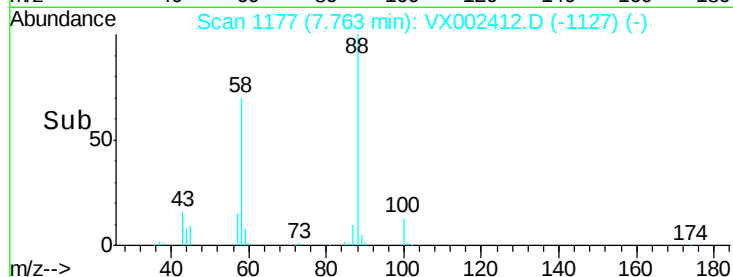
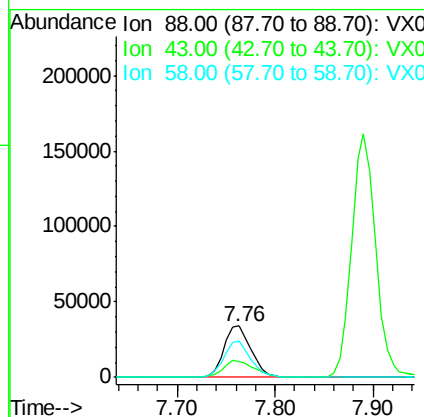
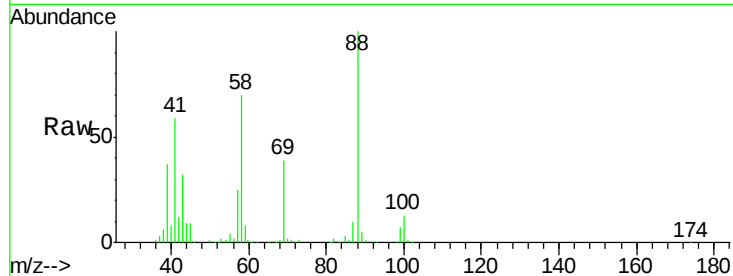
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	64906
Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.8	44.6
58	70.4	57.1	85.7

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#50

Toluene-d8

Concen: 45.97 ug/l

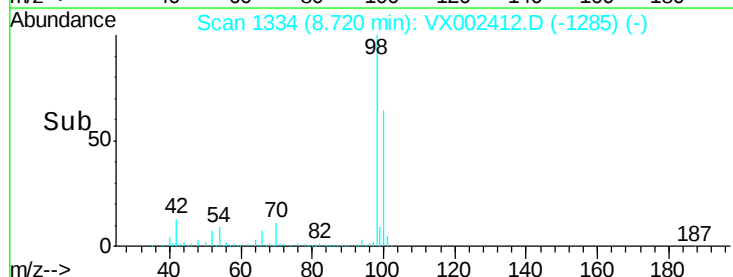
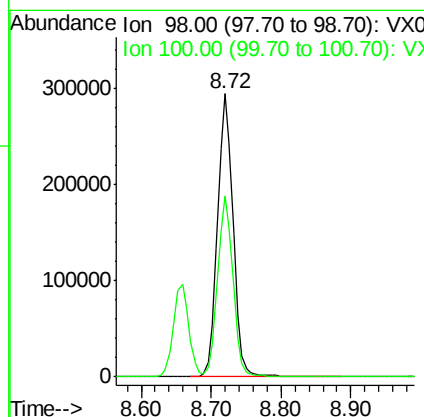
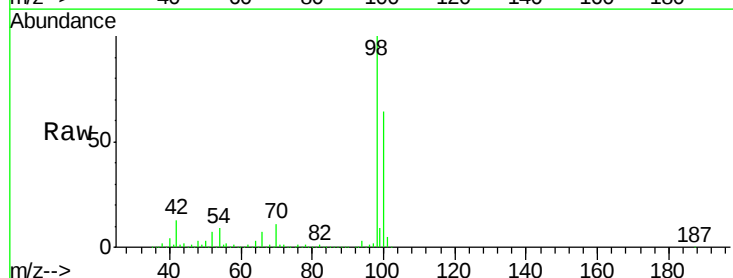
RT: 8.72 min Scan# 1334

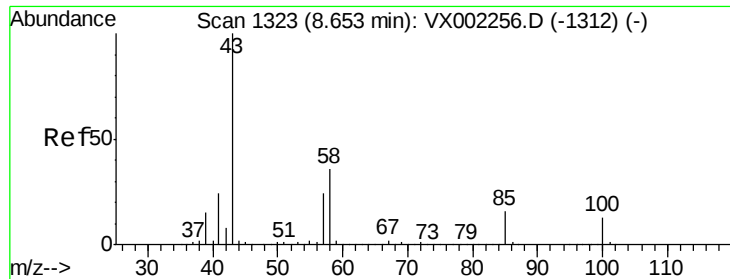
Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion:	98	Resp:	454690
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





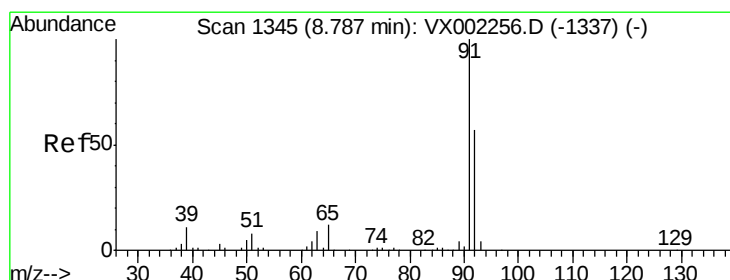
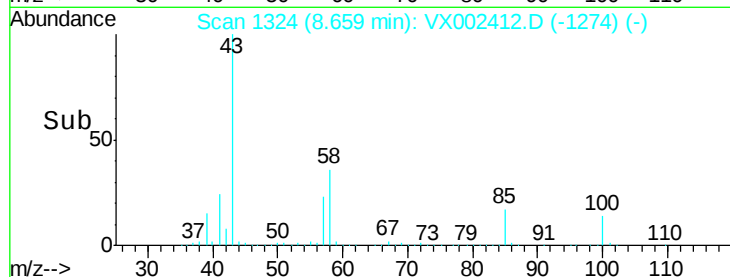
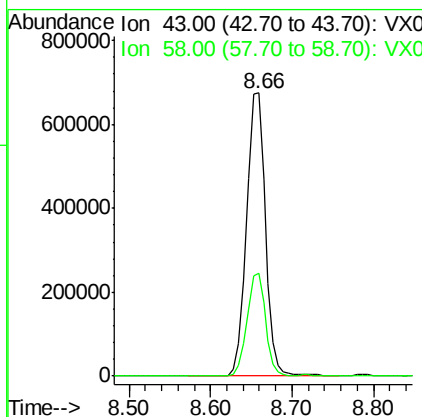
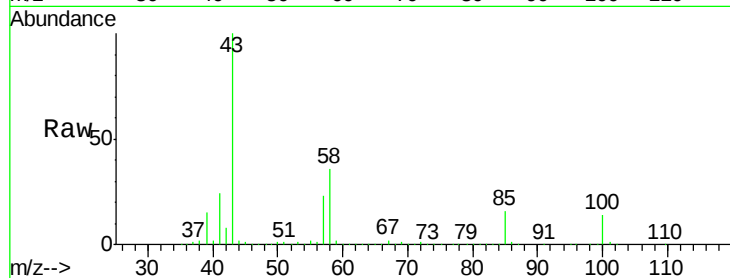
#51
 4-Methyl-2-Pentanone
 Concen: 248.68 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1091263
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.6 42.8

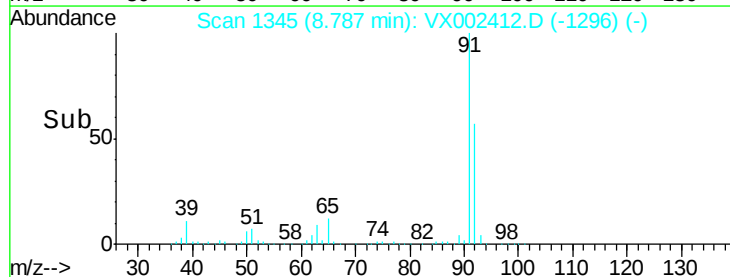
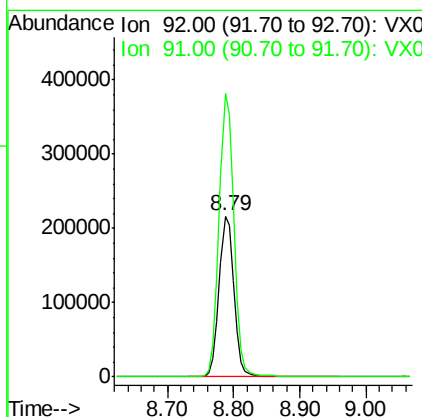
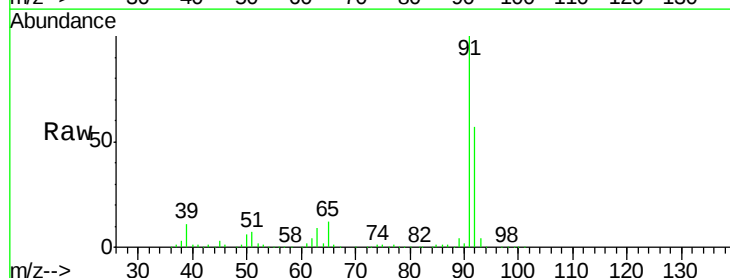
Manual Integrations
 APPROVED

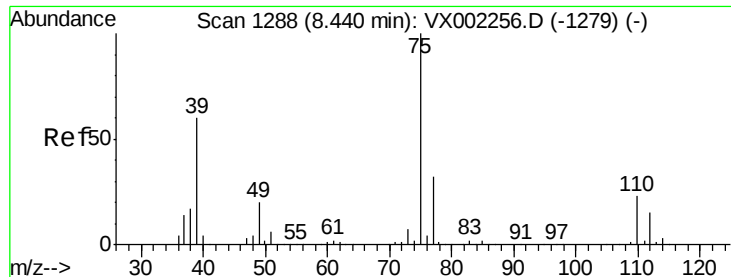
MMDadoda
 6/11/2018 9:30:36 AM



#52
 Toluene
 Concen: 50.02 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 92 Resp: 336512
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.4 210.6





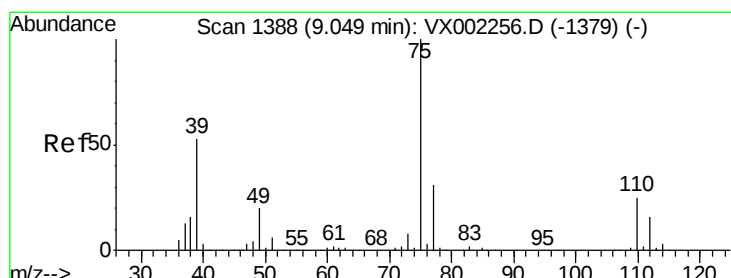
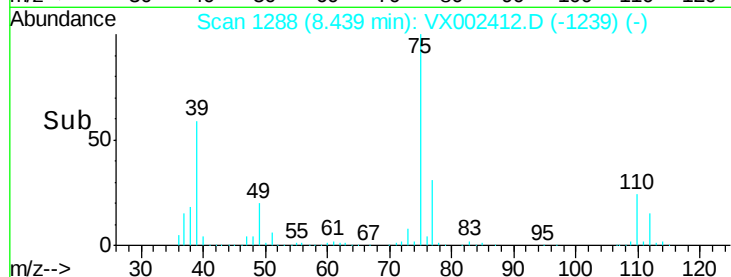
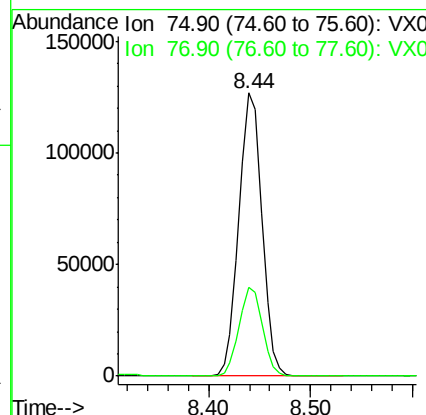
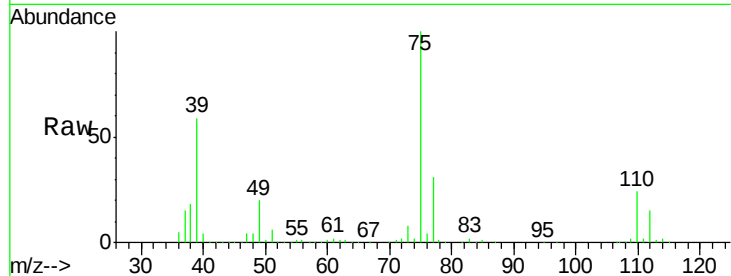
#53
t-1,3-Dichloropropene
Concen: 47.15 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 197957
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

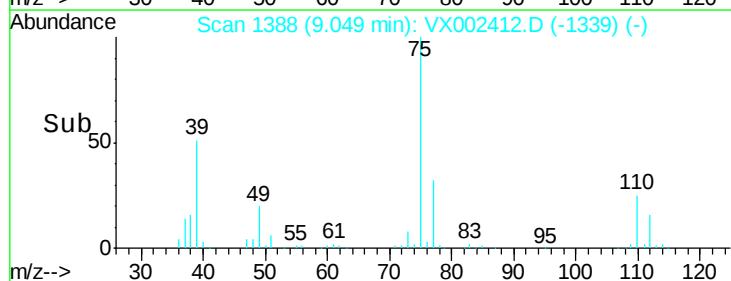
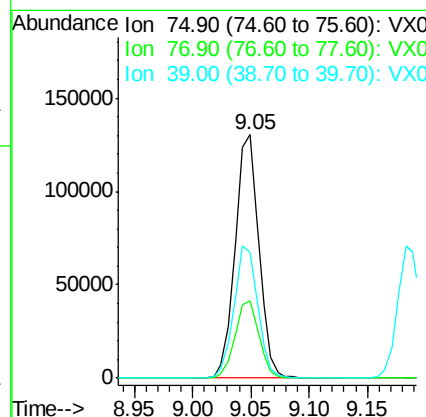
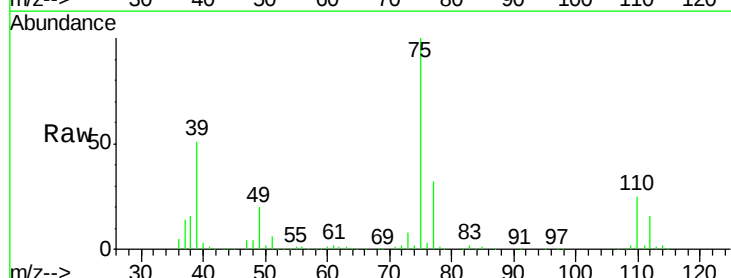
Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#54
cis-1,3-Dichloropropene
Concen: 46.97 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 75 Resp: 186051
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 51.4 42.4 63.6





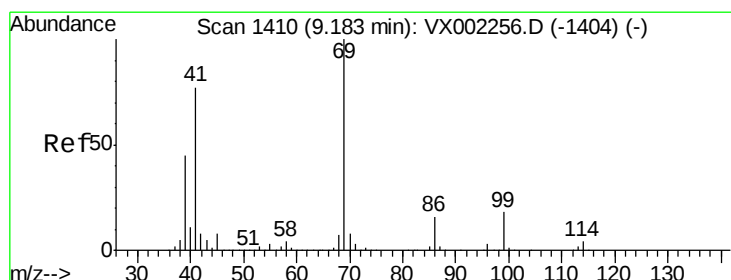
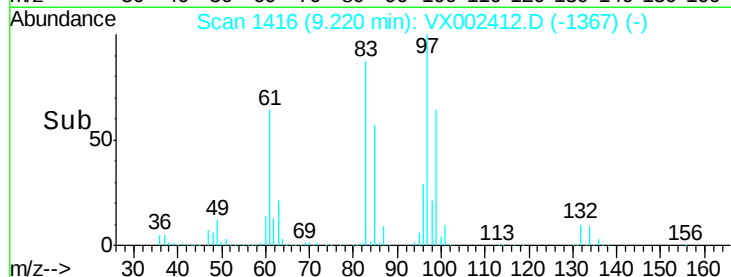
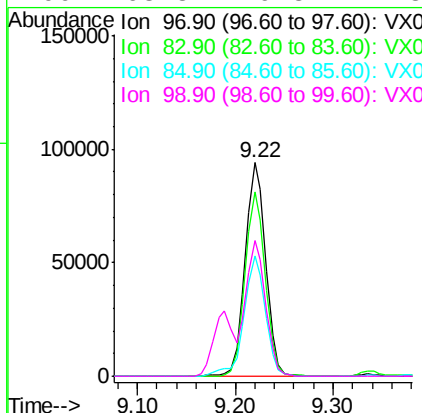
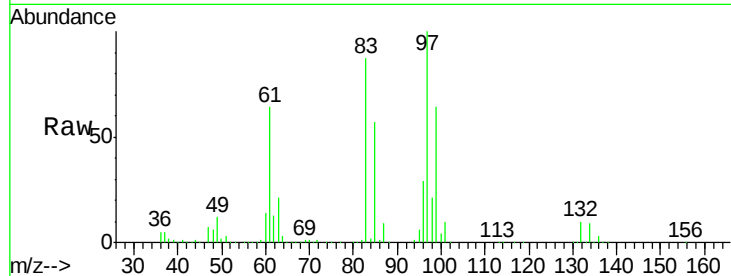
#55
 1,1,2-Trichloroethane
 Concen: 49.71 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	137552
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	56.6	44.9	67.3
99	63.8	49.8	74.8

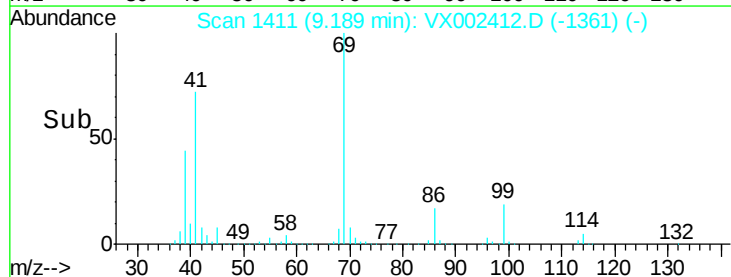
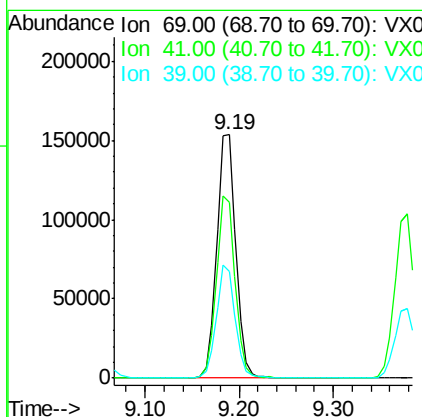
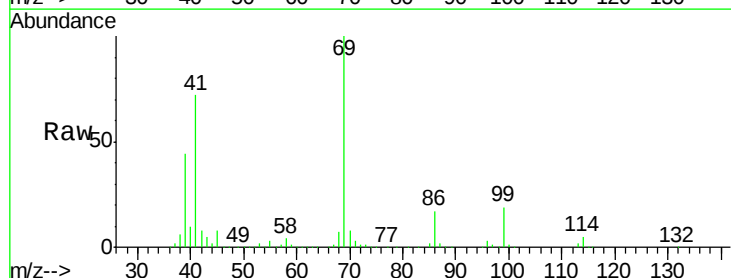
Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:36 AM



#56
 Ethyl methacrylate
 Concen: 48.90 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion:	69	Resp:	216001
Ion	Ratio	Lower	Upper
69	100		
41	73.2	60.3	90.5
39	45.0	35.8	53.8





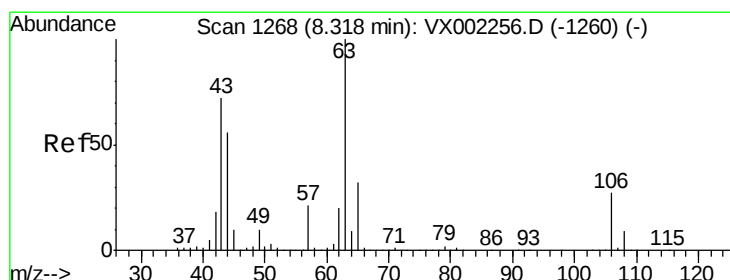
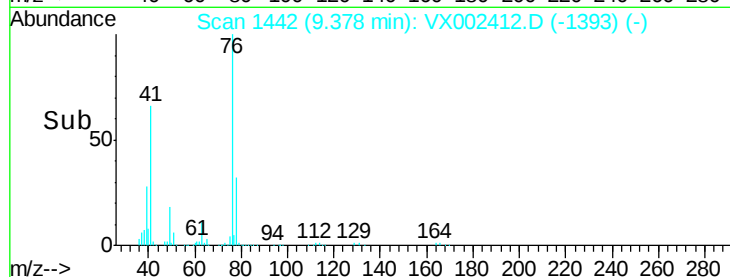
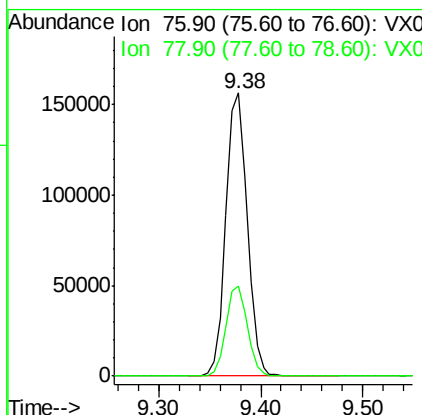
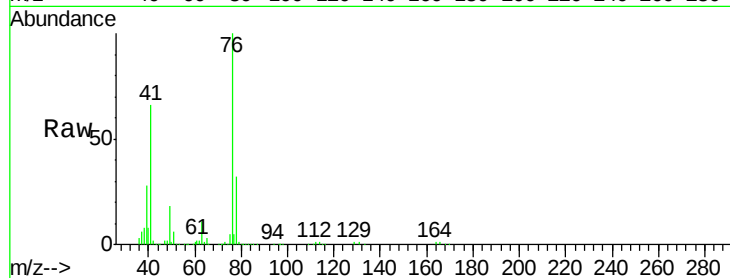
#57
 1,3-Dichloropropane
 Concen: 48.94 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 227165
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6

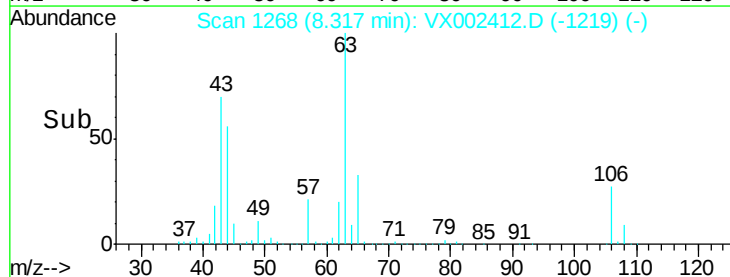
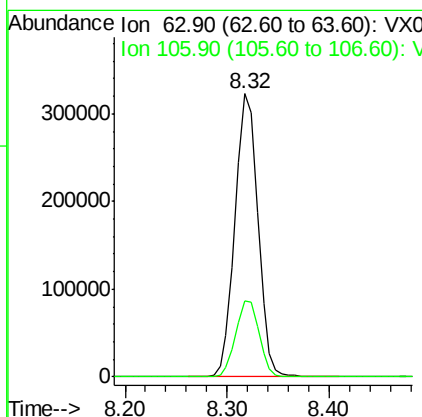
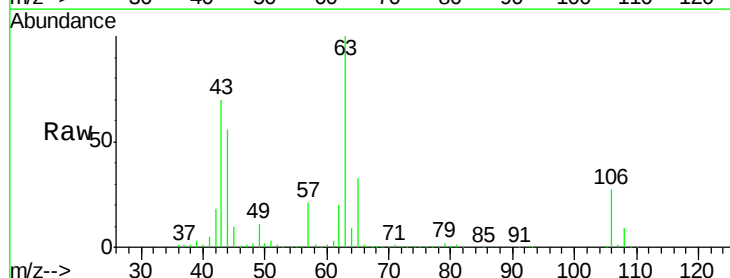
Manual Integrations
 APPROVED

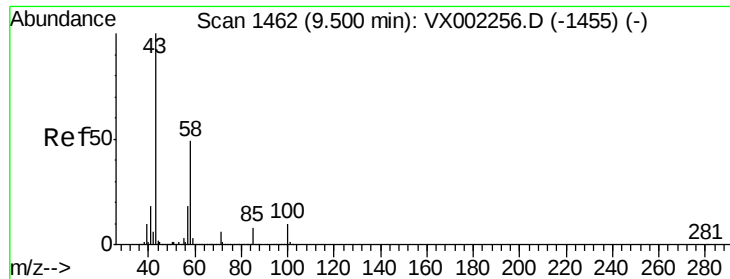
MMDadoda
 6/11/2018 9:30:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.46 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion: 63 Resp: 499807
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.8





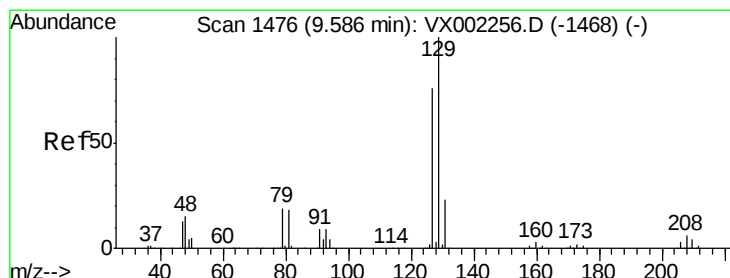
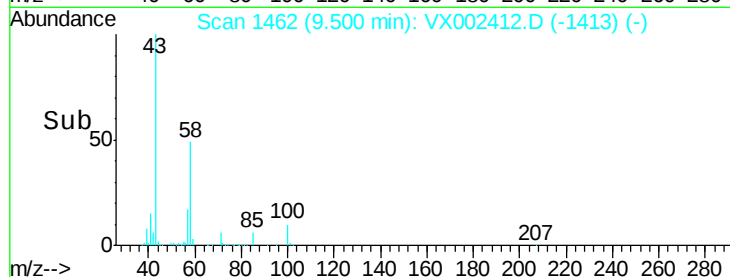
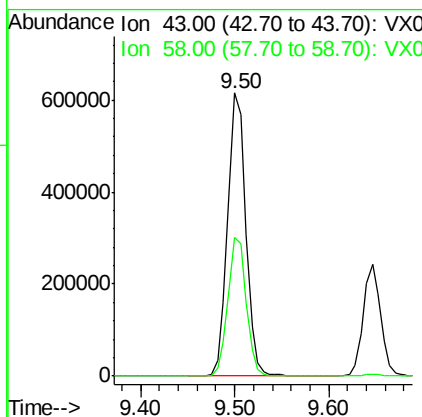
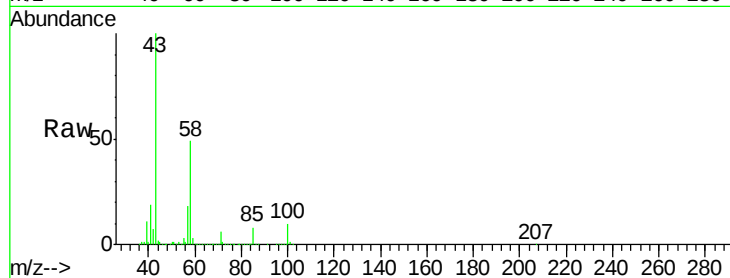
#59
2-Hexanone
Concen: 245.08 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 830688
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6

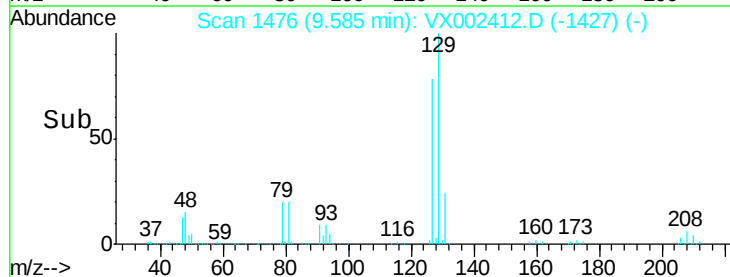
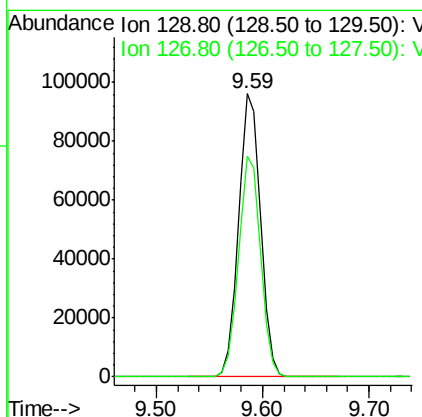
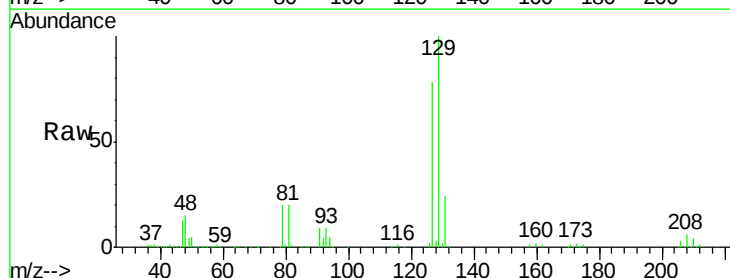
Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#60
Dibromochloromethane
Concen: 50.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion: 129 Resp: 139658
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 146060

Ion Ratio Lower Upper

107 100

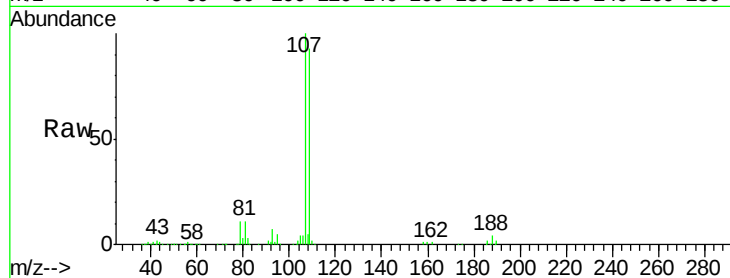
109 93.8 75.3 112.9

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

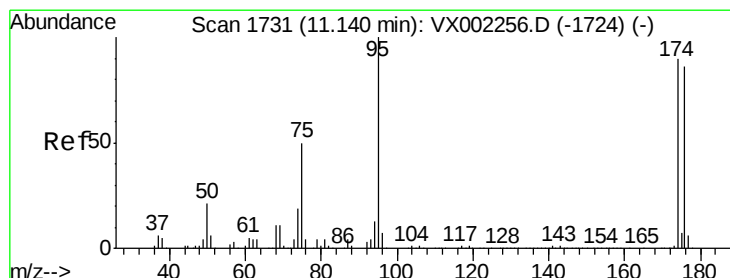
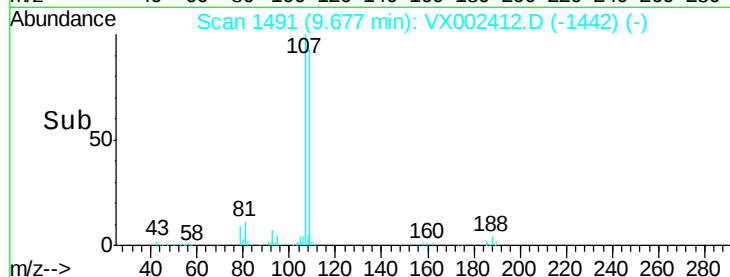
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

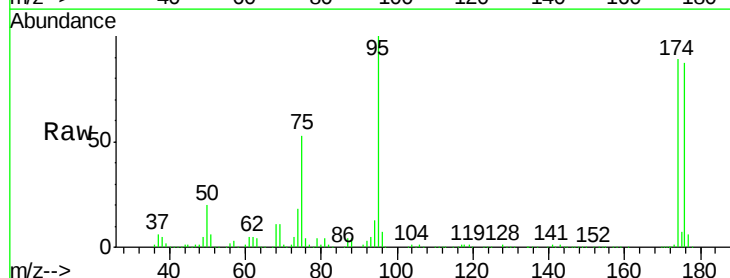
Tgt Ion: 95 Resp: 176107

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.4

176 92.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

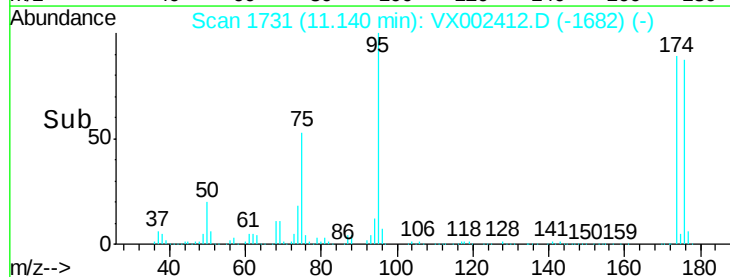
150000

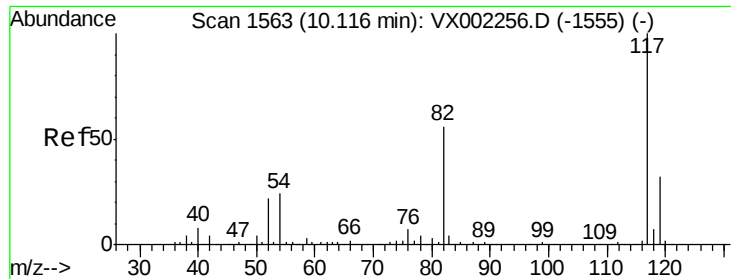
100000

50000

0

Time-->





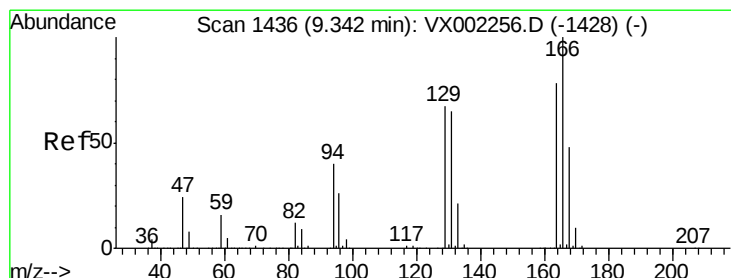
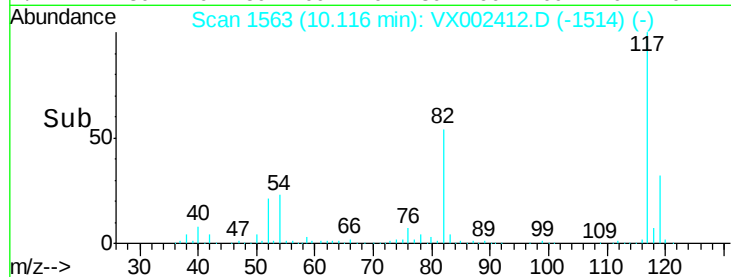
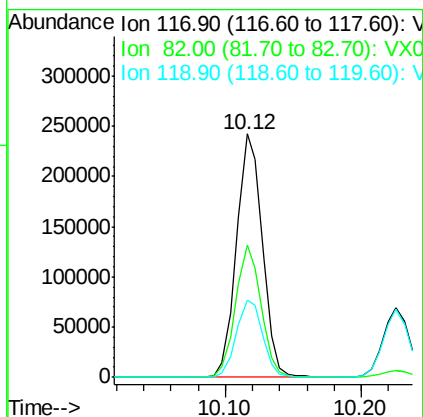
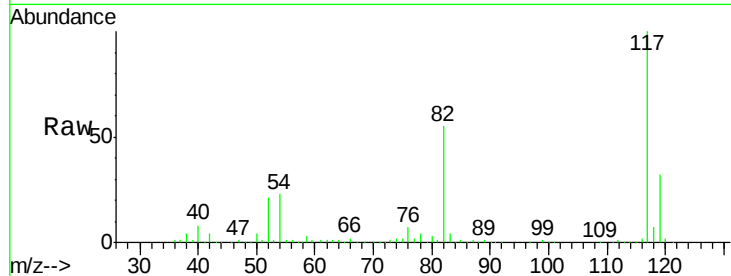
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	321688		
82	54.5	45.0	67.4	
119	31.5	25.8	38.6	

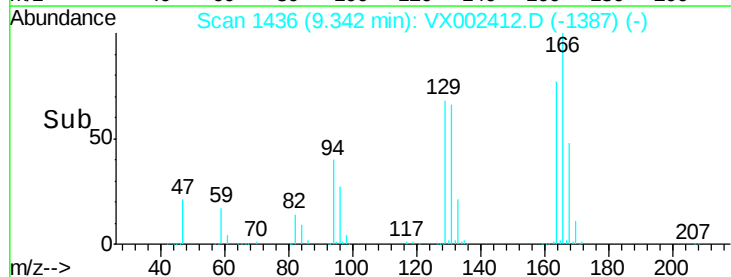
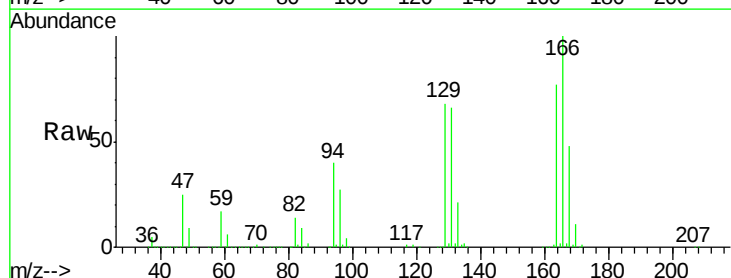
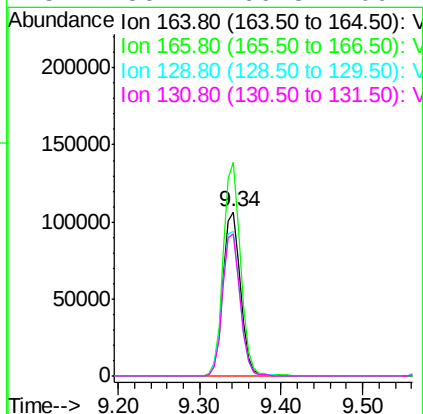
Manual Integrations
APPROVED

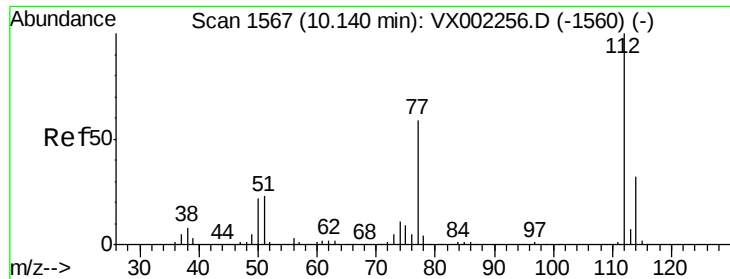
MMDadoda
6/11/2018 9:30:36 AM



#64
Tetrachloroethene
Concen: 47.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	158801		
166	130.3	102.9	154.3	
129	88.0	68.6	102.8	
131	86.4	66.8	100.2	





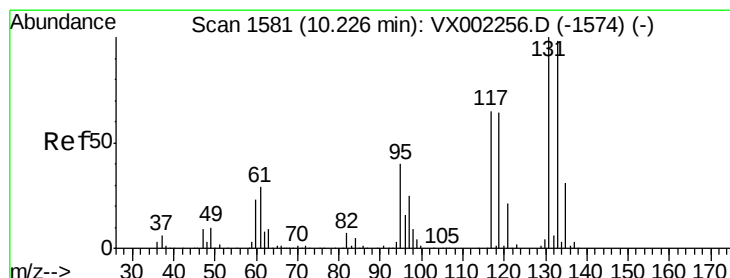
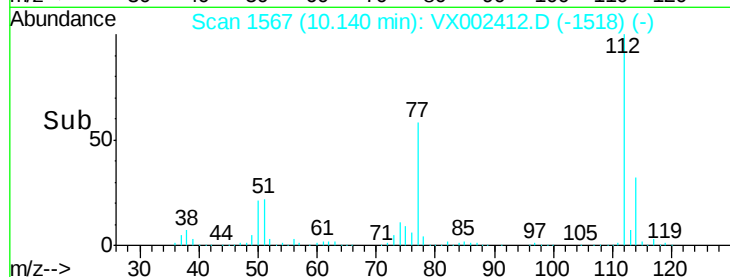
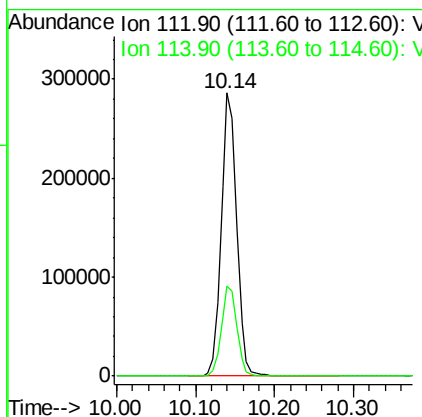
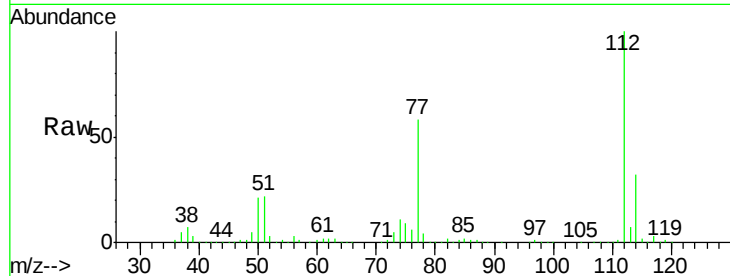
#65
Chlorobenzene
Concen: 48.67 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 389546
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

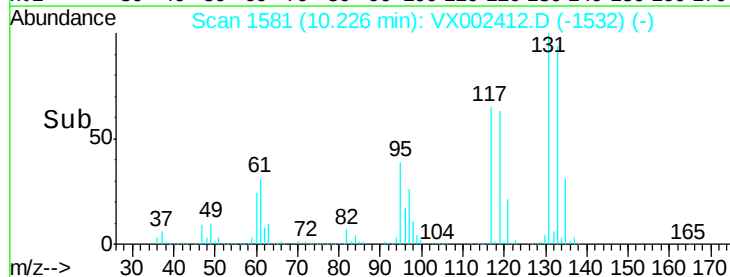
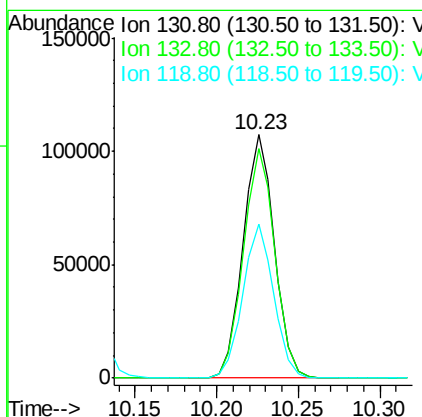
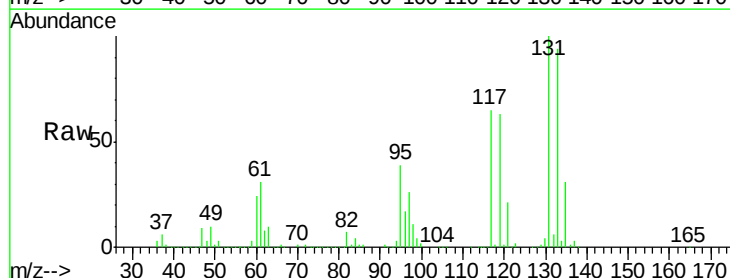
Manual Integrations
APPROVED

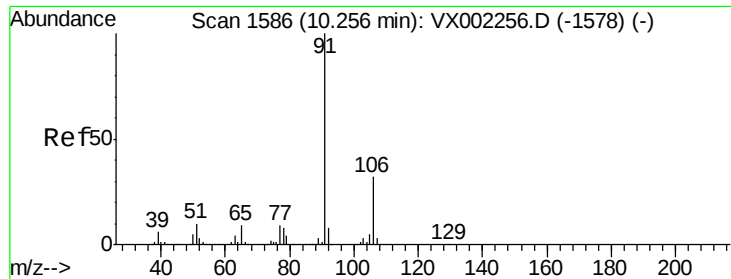
MMDadoda
6/11/2018 9:30:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.46 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion:131 Resp: 143361
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 62.6 31.8 95.3





#67

Ethyl Benzene

Concen: 50.01 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 669907

Ion Ratio Lower Upper

91 100

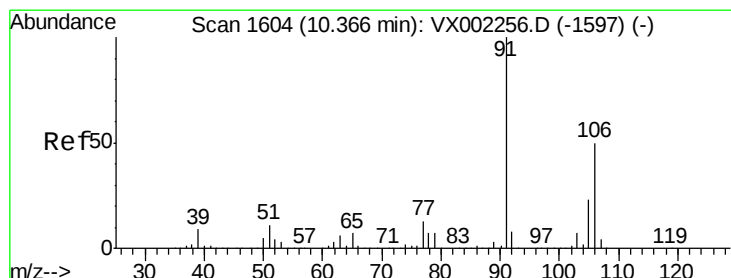
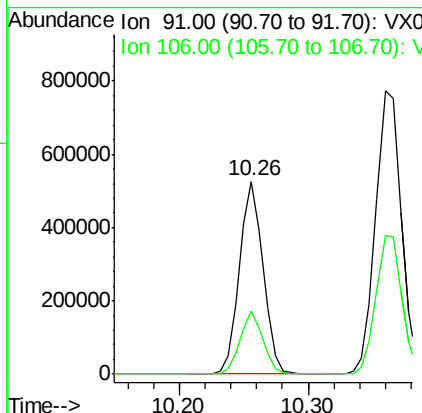
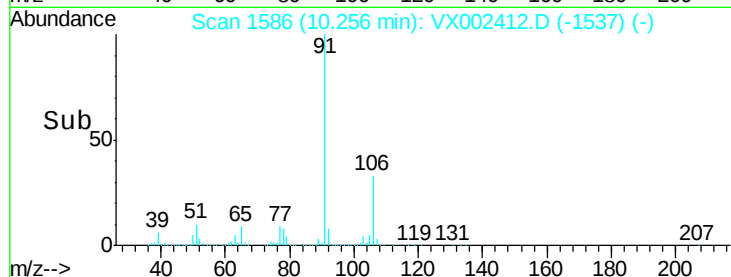
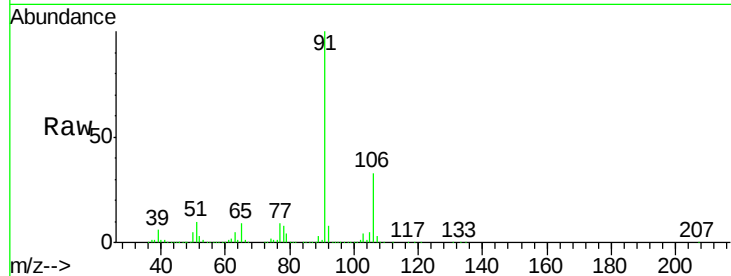
106 32.6 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



#68

m/p-Xylenes

Concen: 100.92 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002412.D

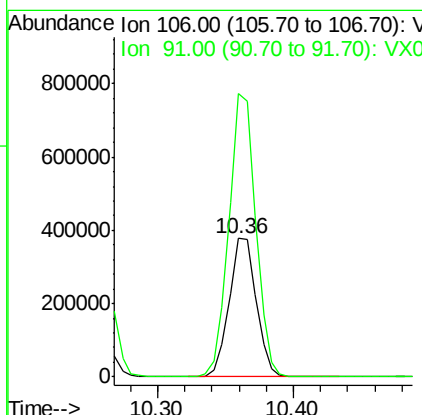
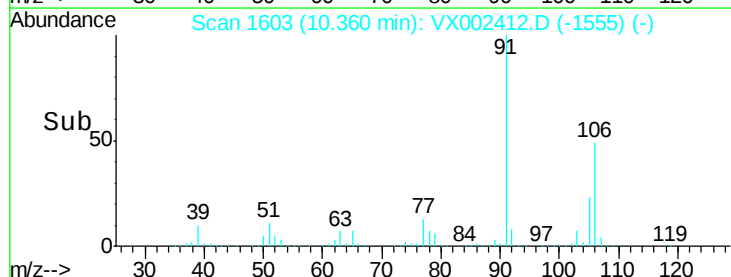
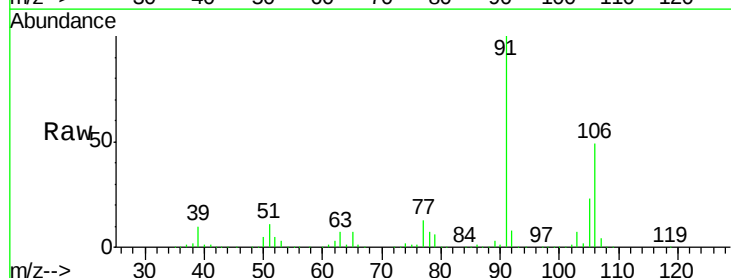
Acq: 08 Jun 2018 19:50

Tgt Ion: 106 Resp: 525536

Ion Ratio Lower Upper

106 100

91 202.0 163.4 245.2





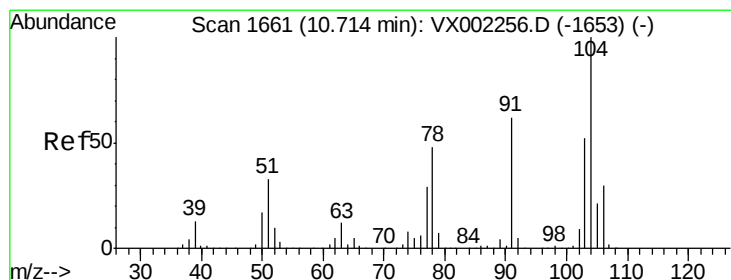
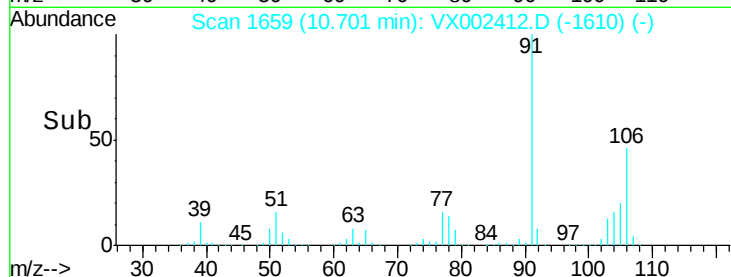
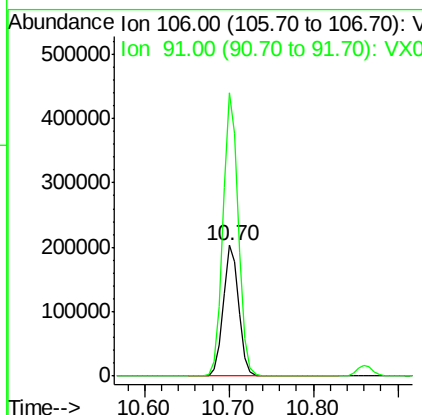
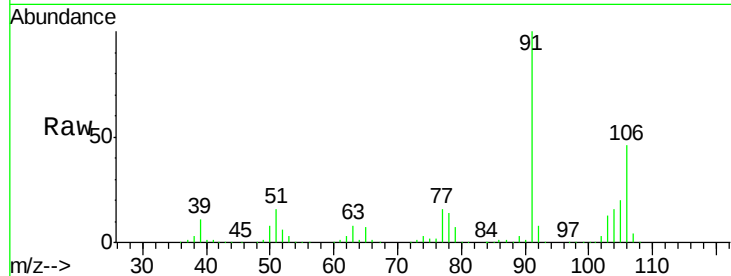
#69
o-Xylene
Concen: 49.58 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 256906
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6

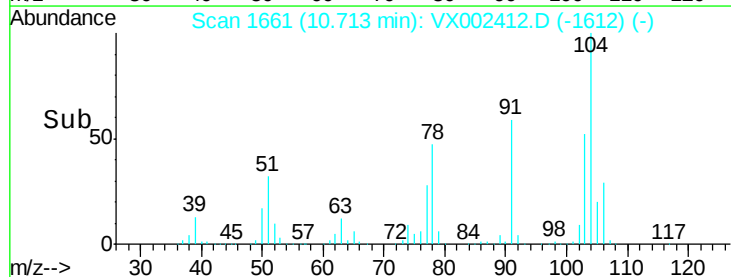
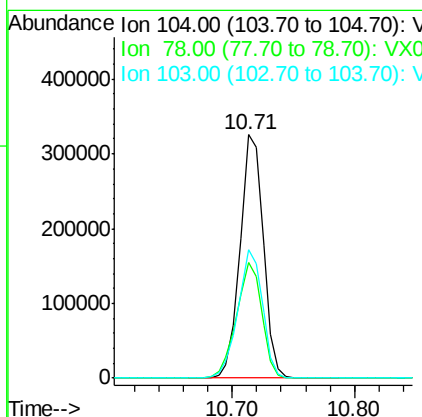
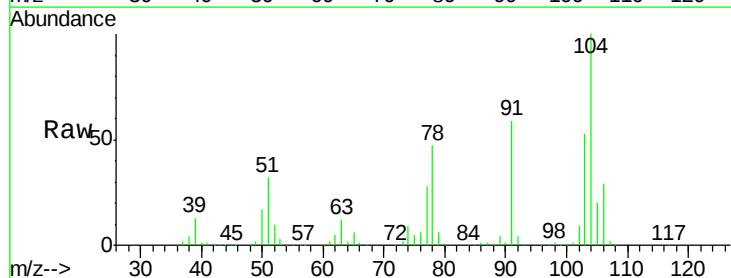
Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#70
Styrene
Concen: 50.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion:104 Resp: 427895
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 56.0 44.2 66.4





#71

Bromoform

Concen: 43.11 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 110575

Ion Ratio Lower Upper

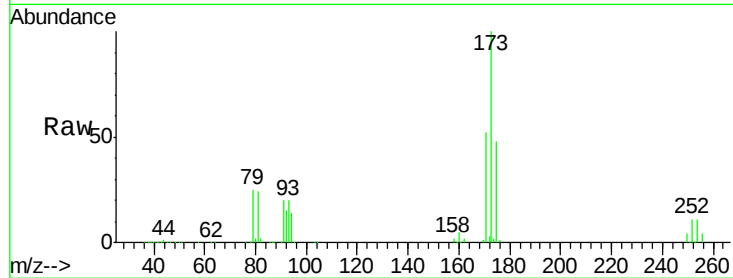
173 100

175 48.0 24.7 74.1

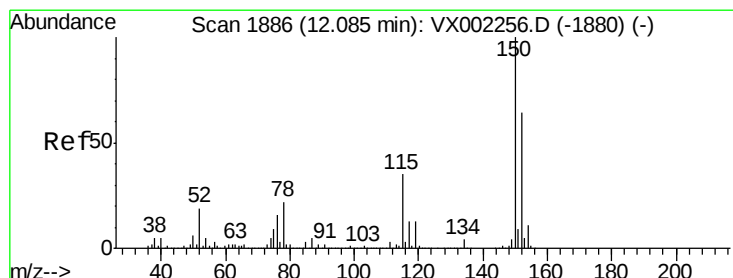
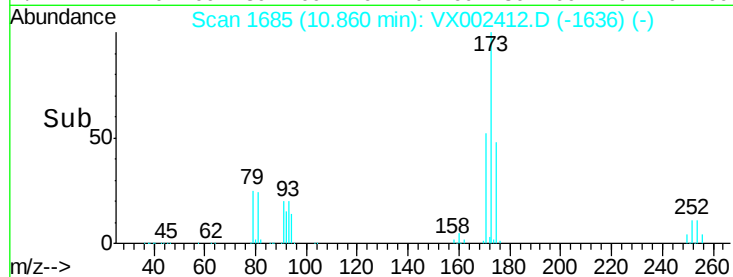
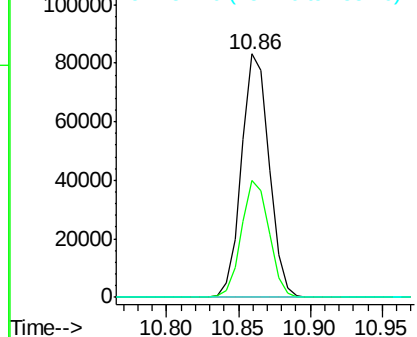
254 0.1 0.2 0.2#

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

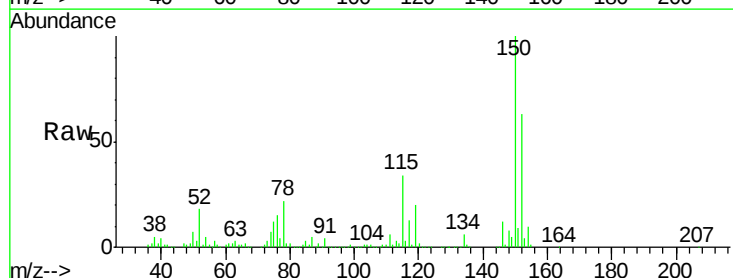
Tgt Ion:152 Resp: 209532

Ion Ratio Lower Upper

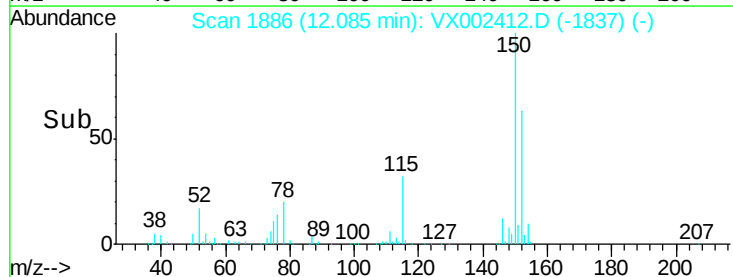
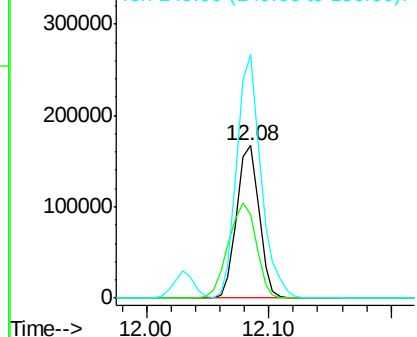
152 100

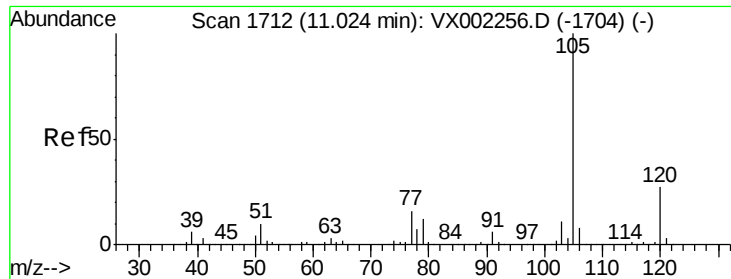
115 78.4 40.1 120.2

150 172.9 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.45 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 706195

Ion Ratio Lower Upper

105 100

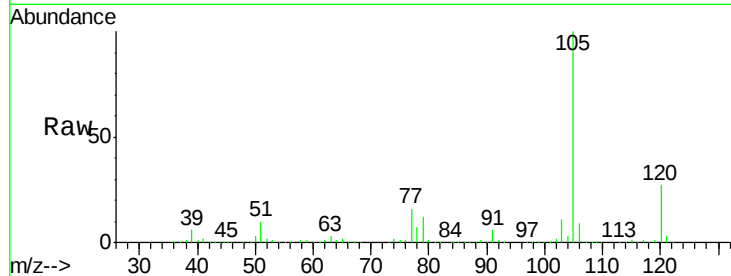
120 26.8 13.5 40.4

Manual Integrations

APPROVED

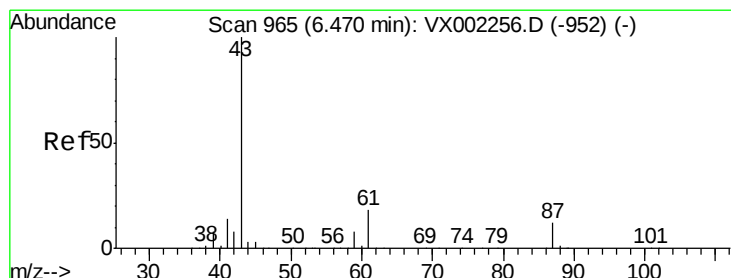
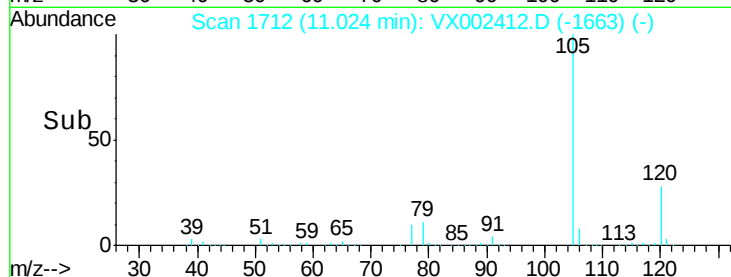
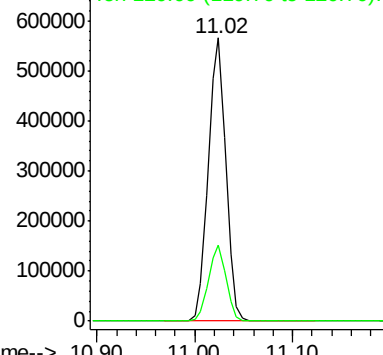
MMDadoda

6/11/2018 9:30:36 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion: 43 Resp: 327830

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

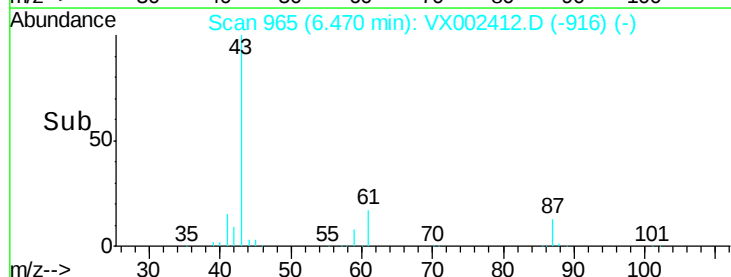
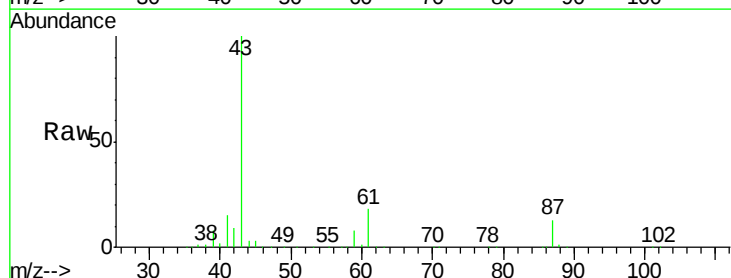
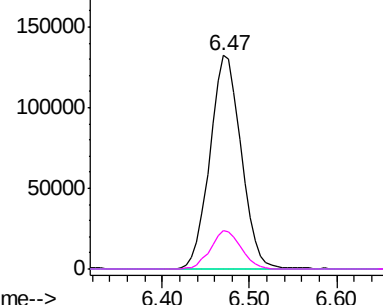
61 17.7 14.4 21.6

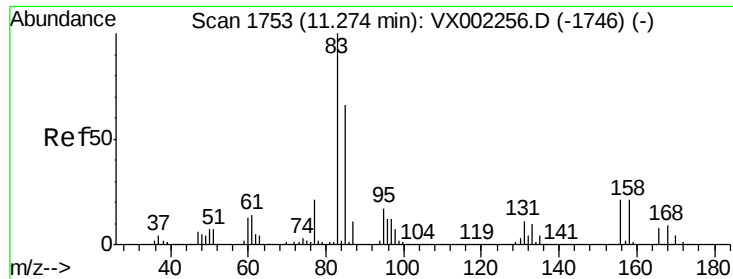
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.58 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

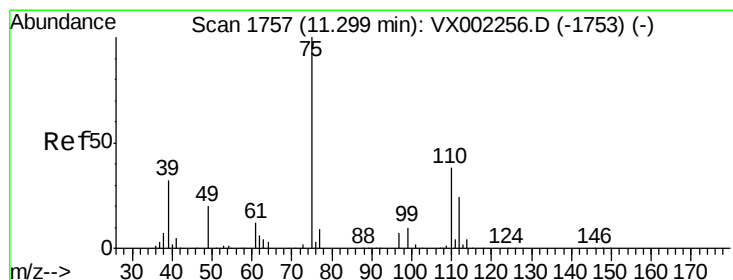
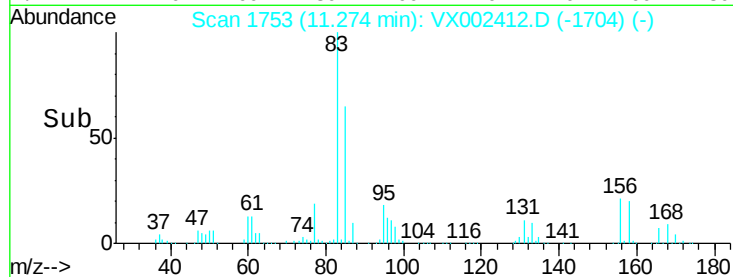
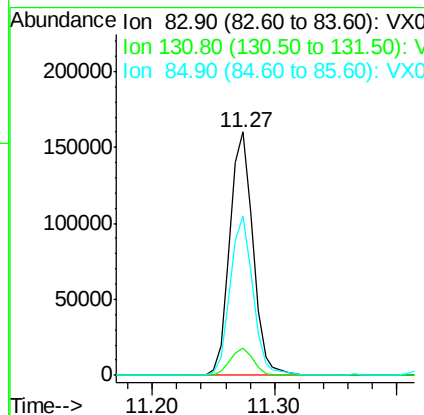
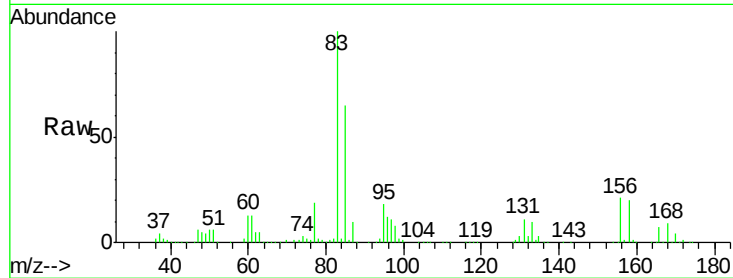
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	208939
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.3	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#76

1,2,3-Trichloropropane

Concen: 44.92 ug/l m

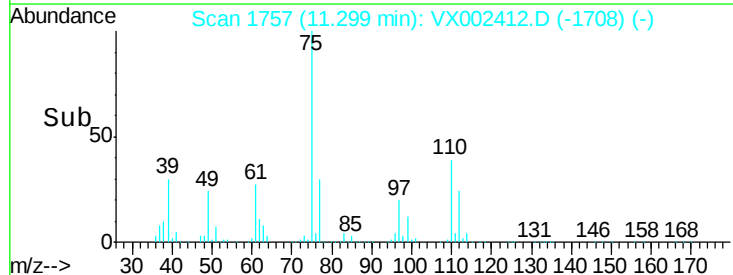
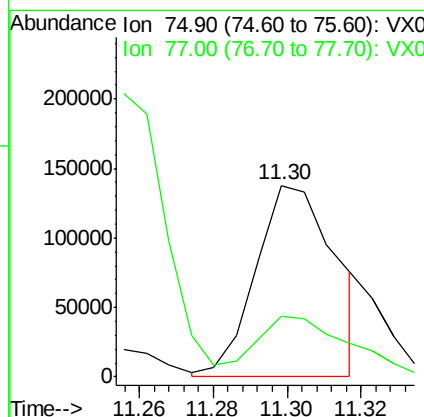
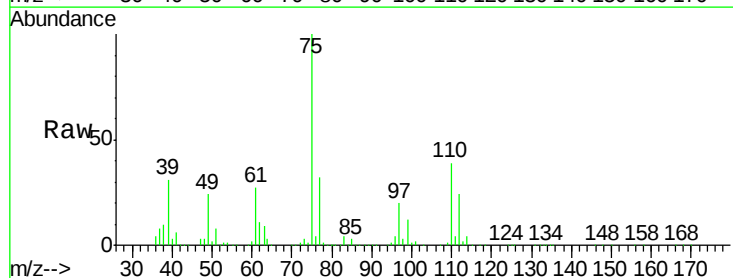
RT: 11.30 min Scan# 1757

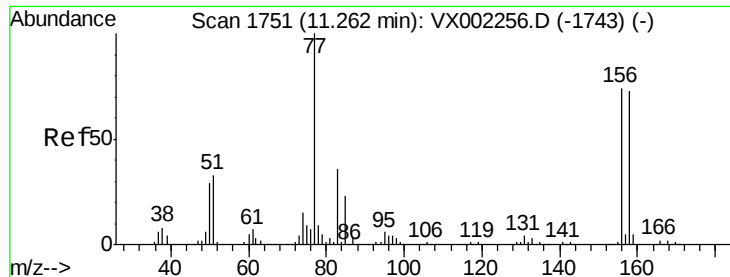
Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion:	75	Resp:	206544
Ion Ratio	Lower	Upper	
75	100		
77	37.5	22.8	68.3





#77

Bromobenzene

Concen: 46.49 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

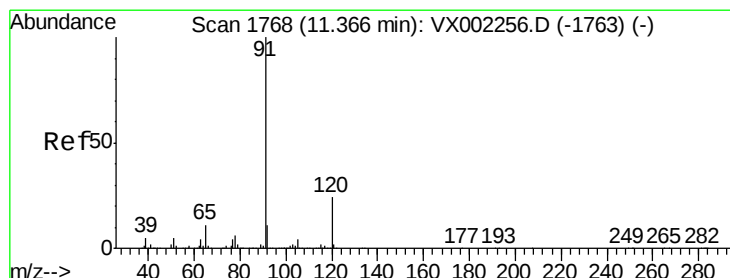
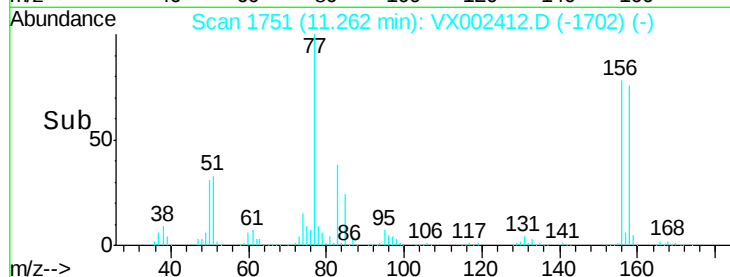
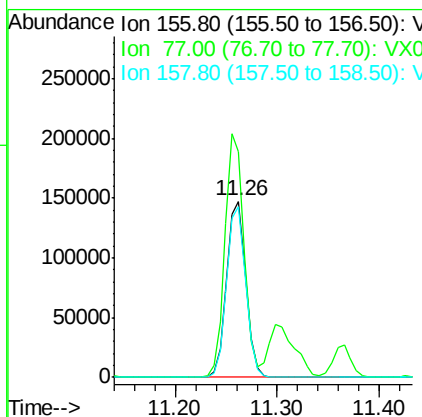
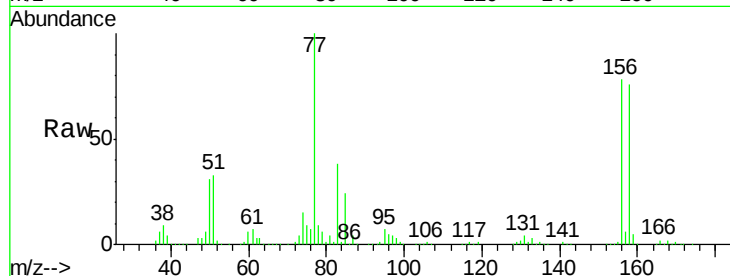
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	190229		
77	138.0	71.4	214.2	
158	97.0	48.9	146.6	

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#78

n-propylbenzene

Concen: 49.34 ug/l

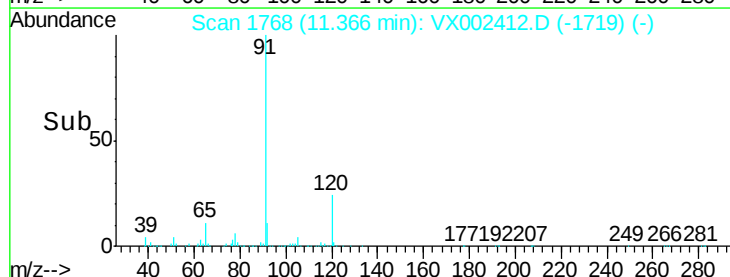
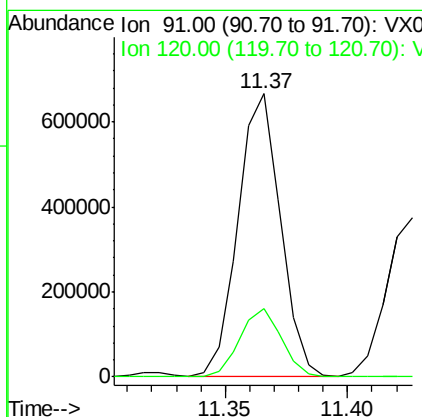
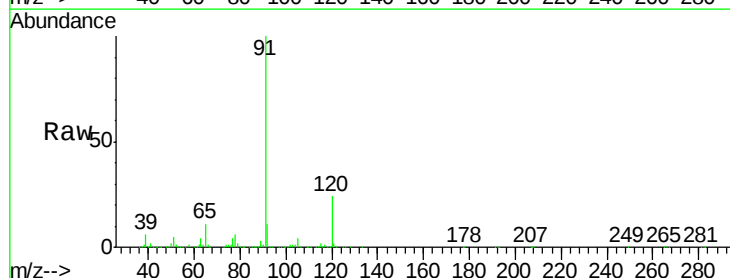
RT: 11.37 min Scan# 1768

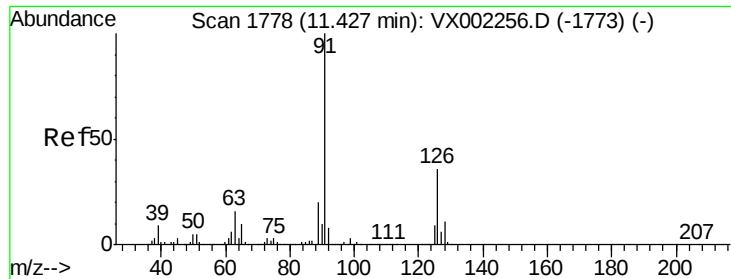
Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	799382		
120	23.9	11.8	35.4	





#79

2-Chlorotoluene

Concen: 46.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 473050

Ion Ratio Lower Upper

91 100

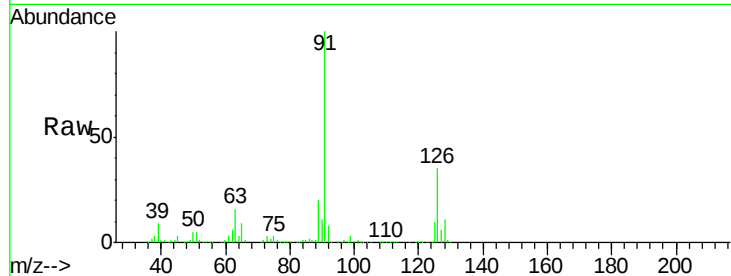
126 35.6 17.7 53.1

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:36 AM



Abundance Ion 91.00 (90.70 to 91.70): VX002412.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX002412.D (-1729) (-)

600000

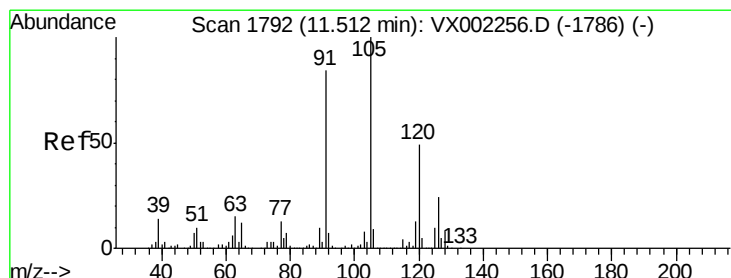
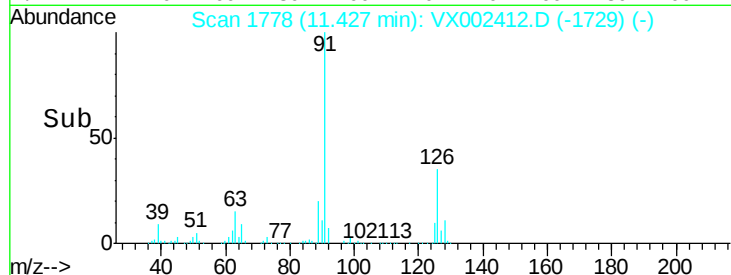
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002412.D

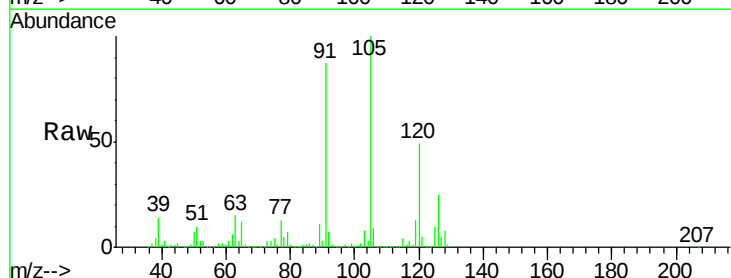
Acq: 08 Jun 2018 19:50

Tgt Ion: 105 Resp: 604302

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002412.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX002412.D (-1743) (-)

600000

500000

400000

300000

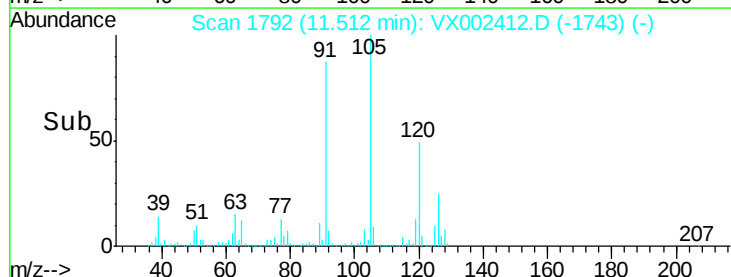
200000

100000

0

11.50 11.60

Time-->





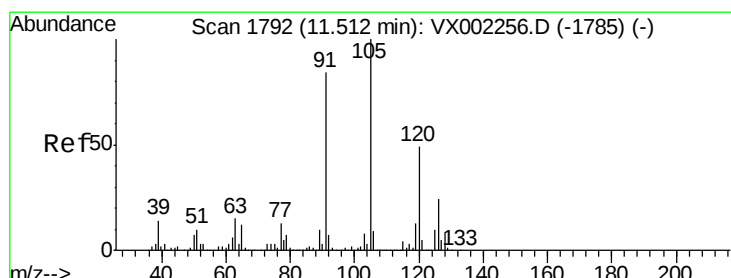
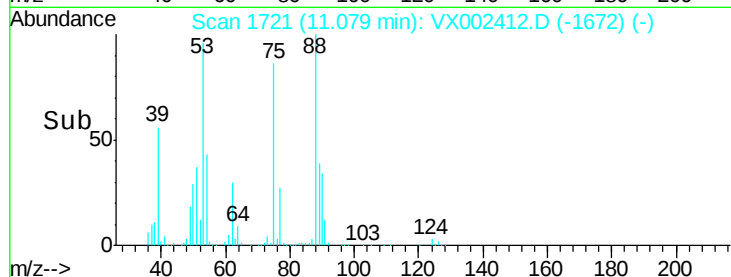
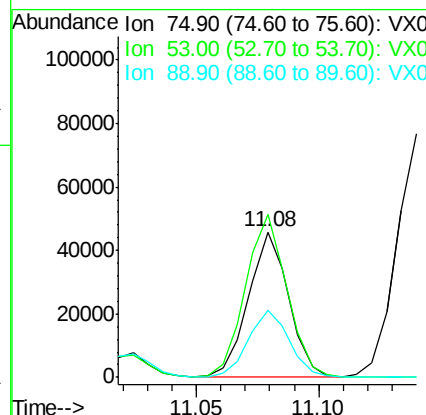
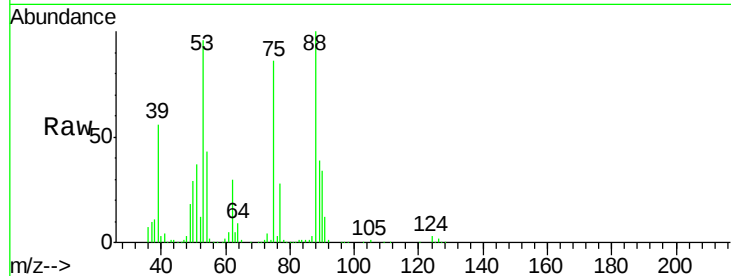
#81
trans-1,4-Dichloro-2-butene
Concen: 39.91 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	115.1	86.8	130.2
89	46.8	38.2	57.2

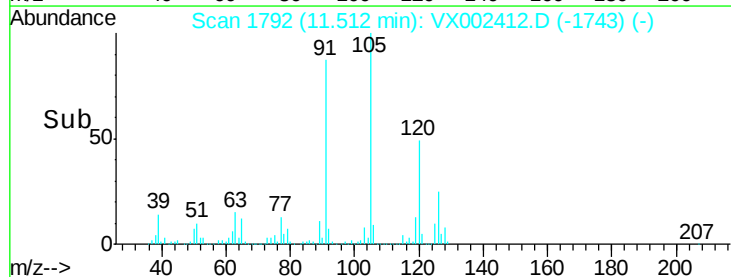
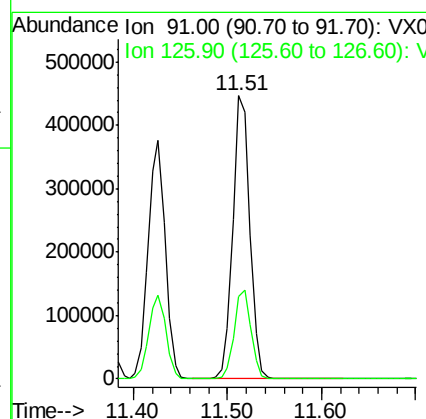
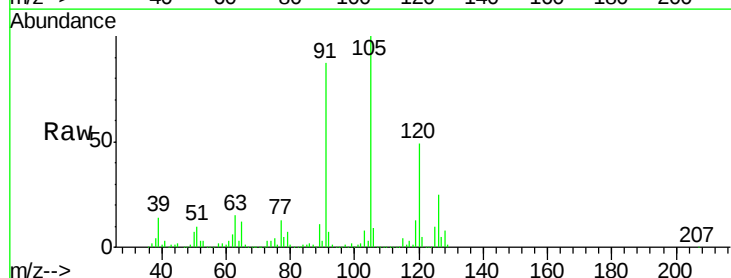
Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#82
4-Chlorotoluene
Concen: 47.60 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





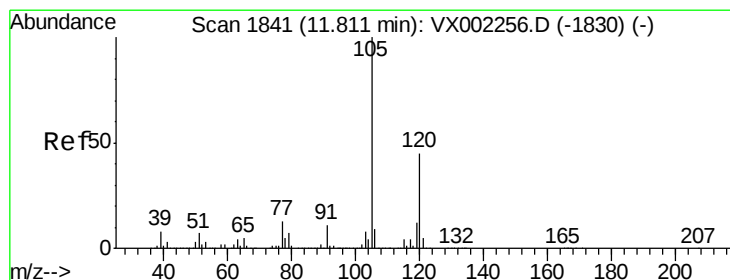
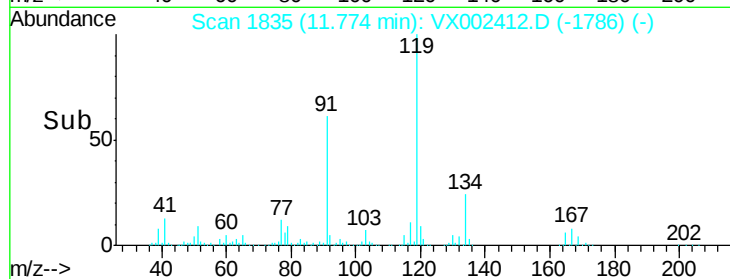
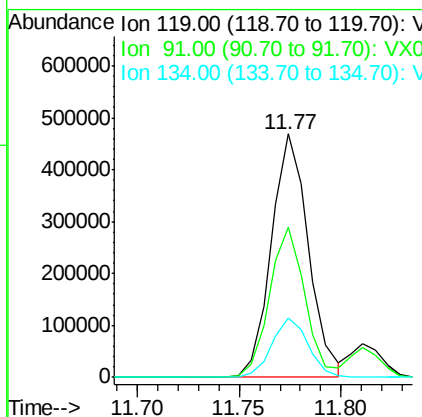
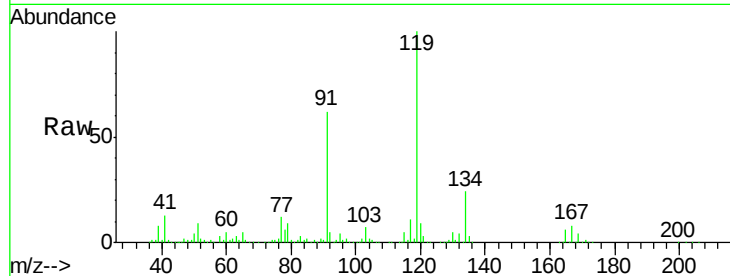
#83
 tert-Butylbenzene
 Concen: 48.73 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	593311		
91	59.4	30.3	90.9	
134	23.8	11.7	35.1	

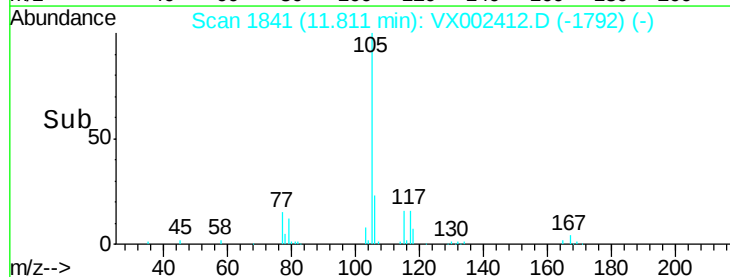
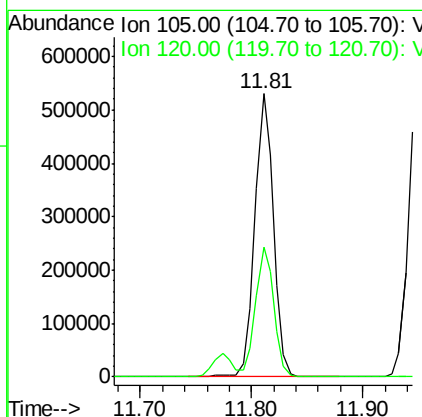
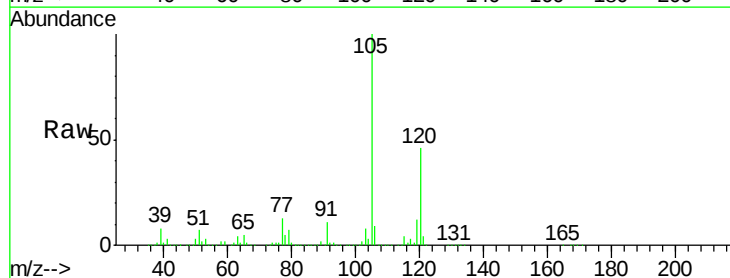
Manual Integrations
 APPROVED

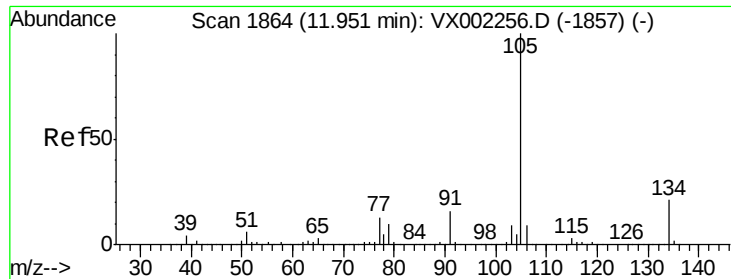
MMDadoda
 6/11/2018 9:30:36 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 47.93 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	616893		
120	45.7	22.3	66.8	





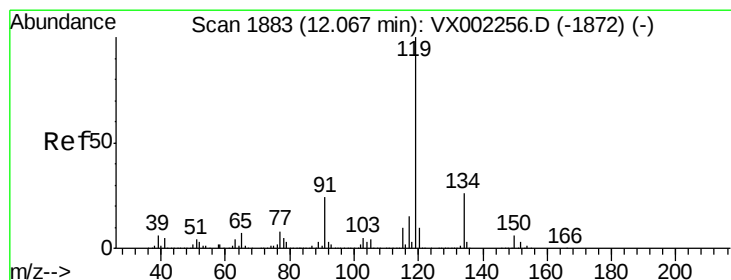
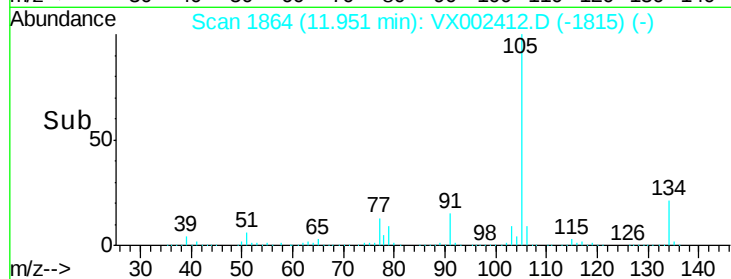
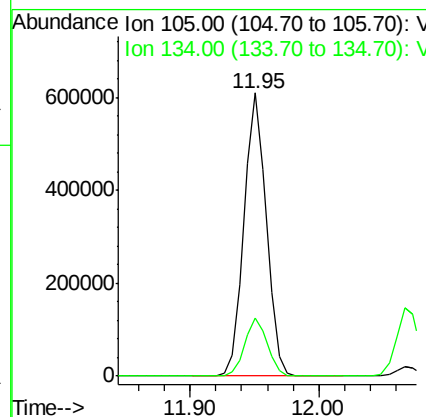
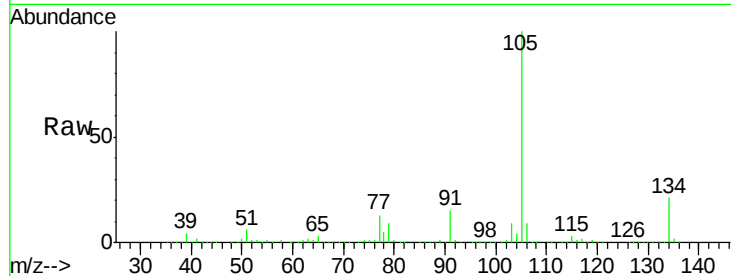
#85
 sec-Butylbenzene
 Concen: 50.88 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 726241
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

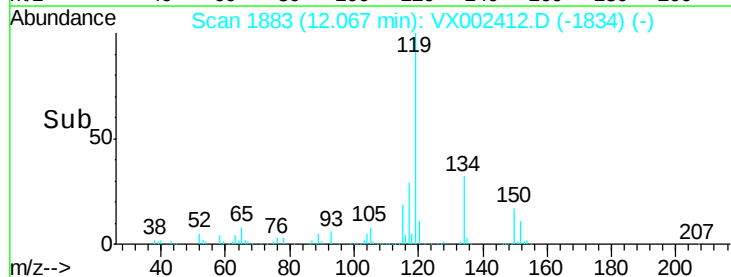
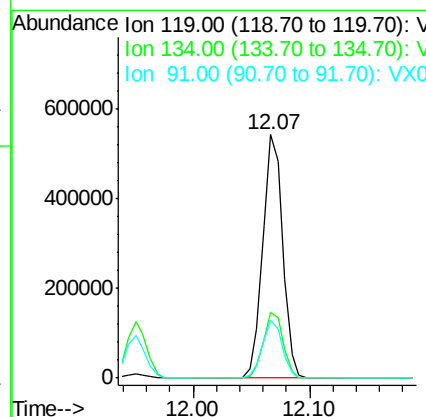
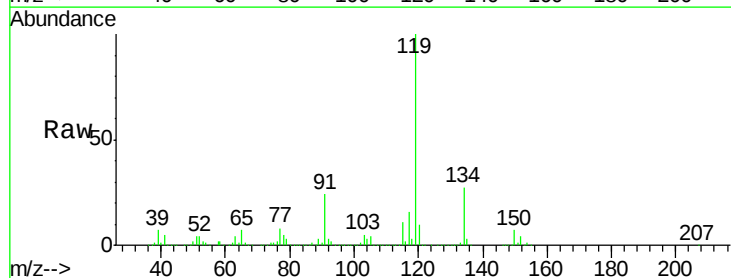
Manual Integrations
 APPROVED

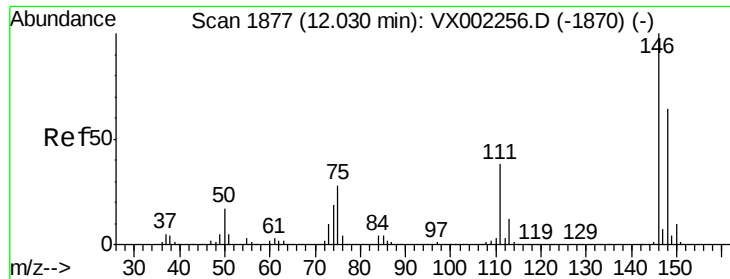
MMDadoda
 6/11/2018 9:30:36 AM



#86
 p-Isopropyltoluene
 Concen: 50.16 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion:119 Resp: 652081
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 24.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 47.67 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Instrument :

MSVOA_X

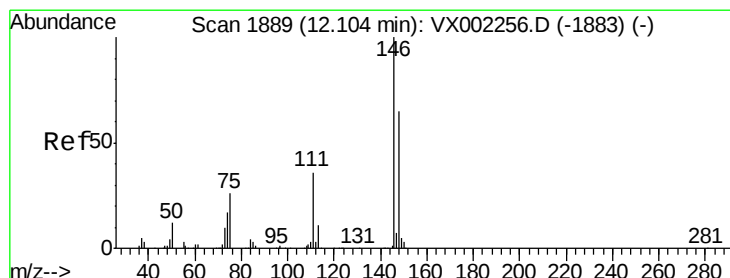
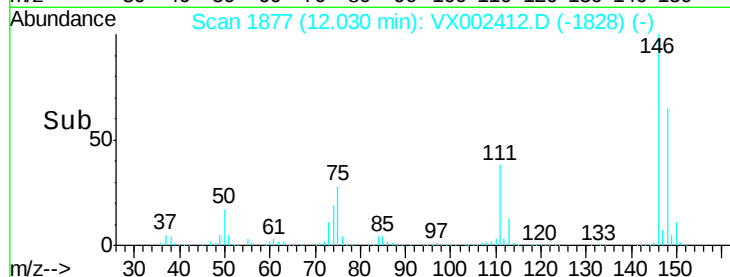
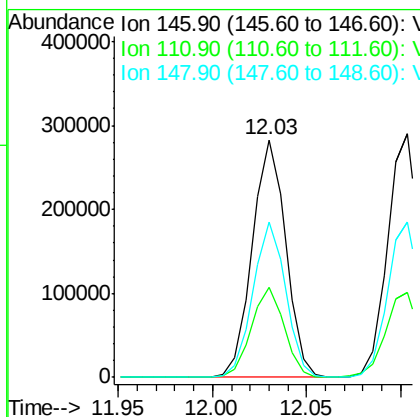
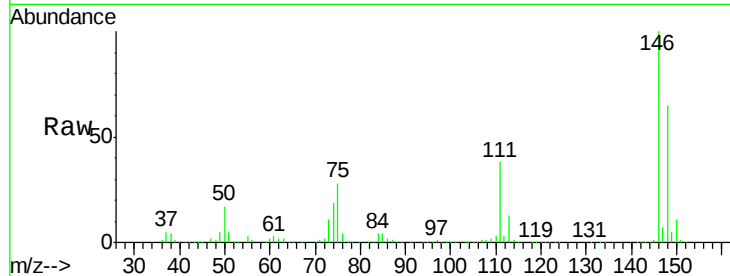
ClientSampled :

VSTDCCC050EC

Tgt Ion:	146	Resp:	348778
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.9	56.7
148	64.0	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#88

1,4-Dichlorobenzene

Concen: 47.20 ug/l

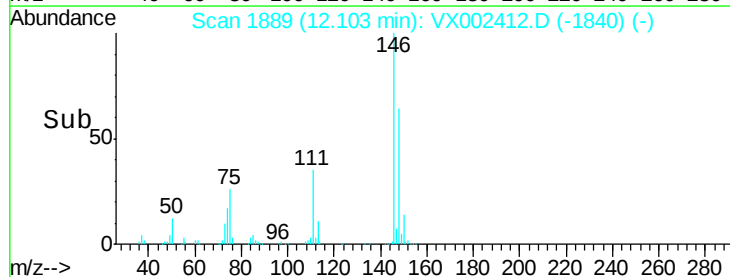
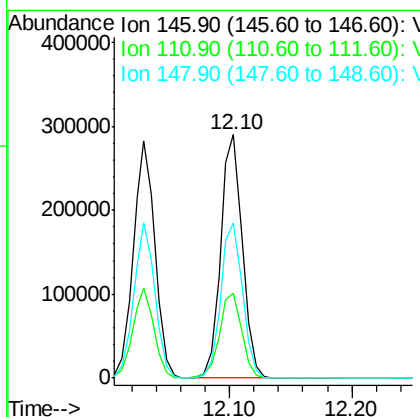
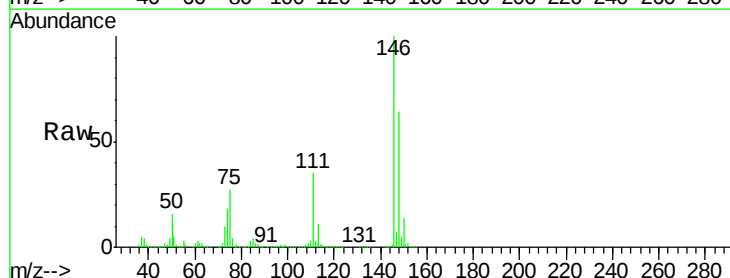
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002412.D

Acq: 08 Jun 2018 19:50

Tgt Ion:	146	Resp:	355996
Ion Ratio	Lower	Upper	
146	100		
111	36.1	18.7	56.1
148	64.2	32.4	97.0





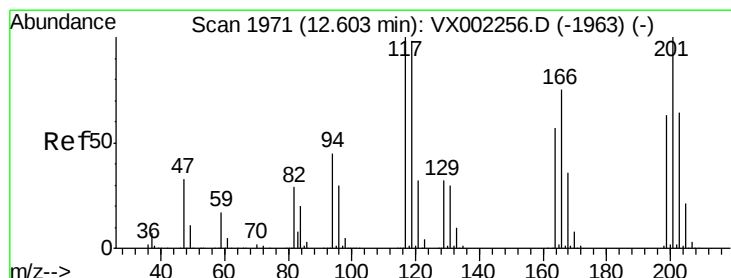
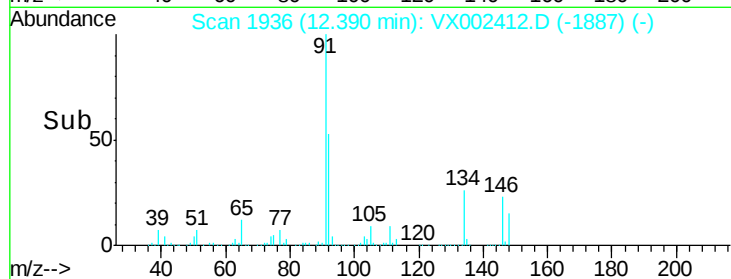
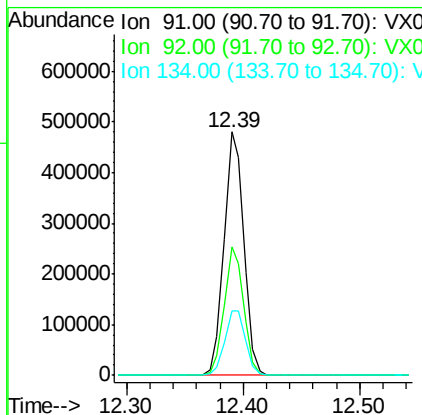
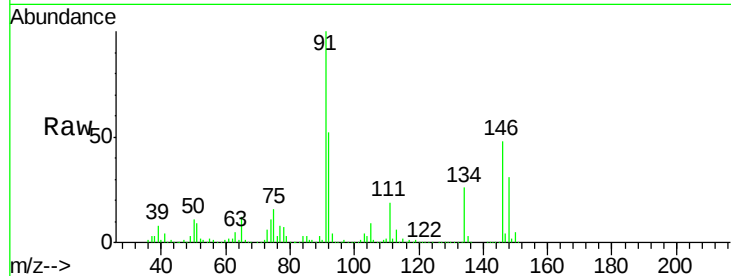
#89
n-Butylbenzene
Concen: 51.53 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	27.4	13.5	40.5

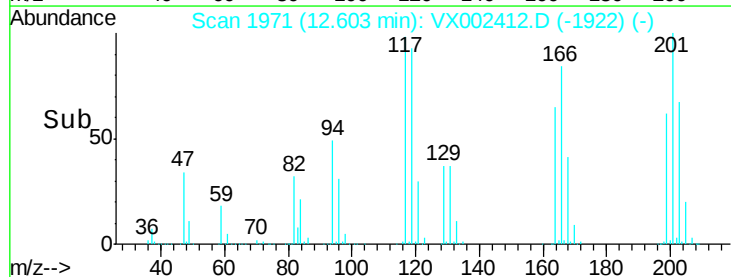
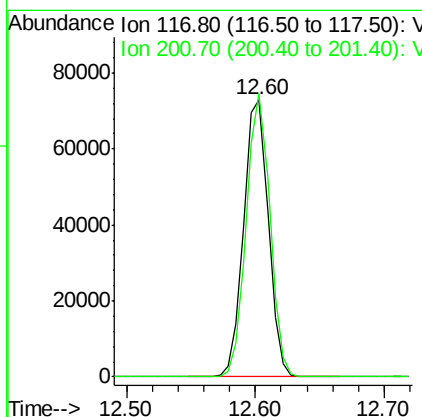
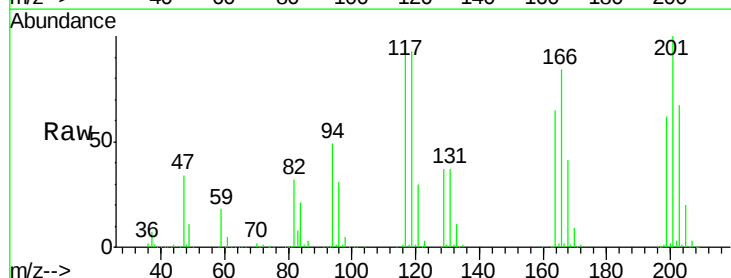
Manual Integrations
APPROVED

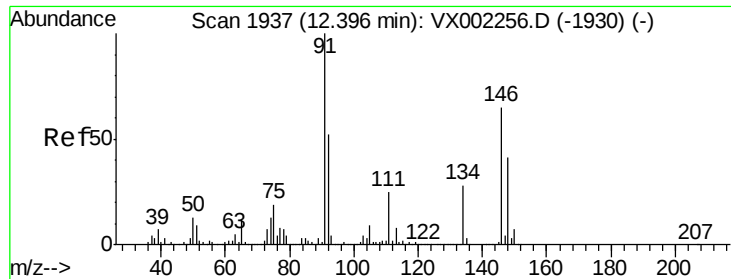
MMDadoda
6/11/2018 9:30:36 AM



#90
Hexachloroethane
Concen: 46.38 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.4	49.0	147.0





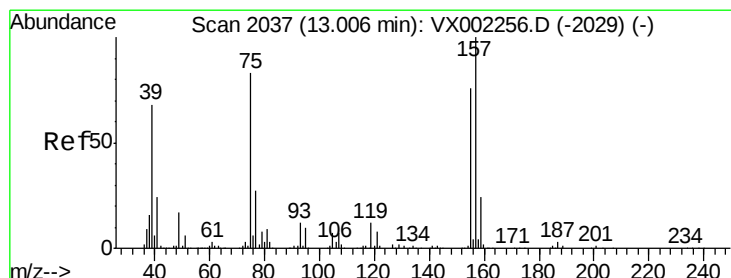
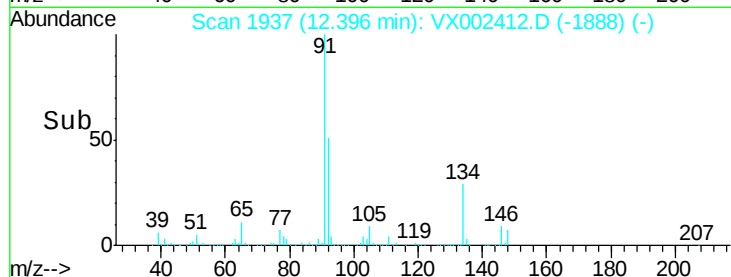
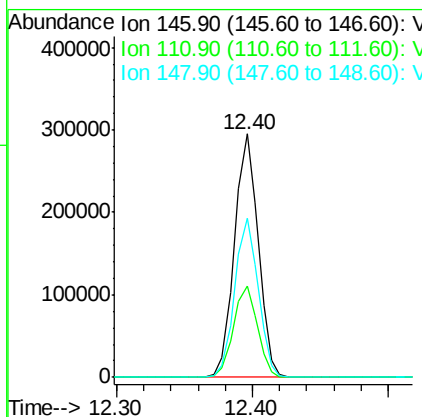
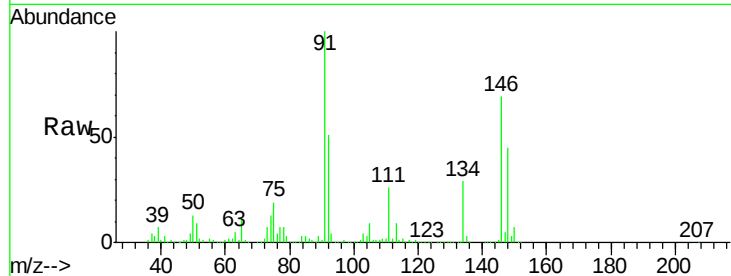
#91
 1,2-Dichlorobenzene
 Concen: 47.34 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	64.8	31.7	95.1

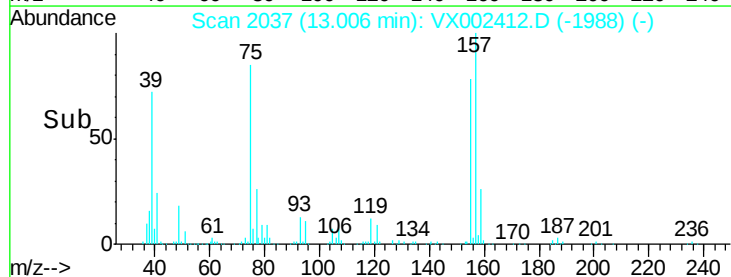
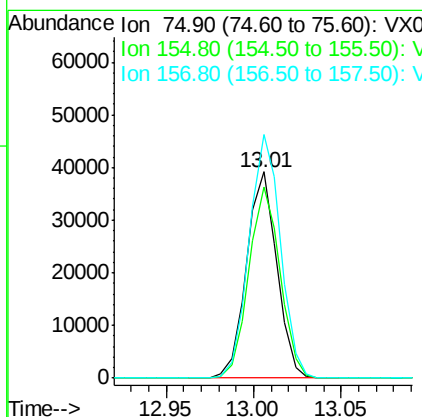
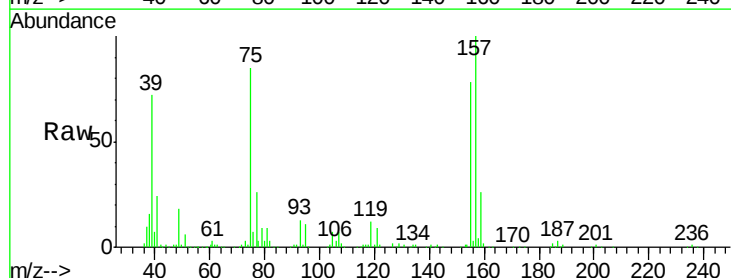
Manual Integrations
 APPROVED

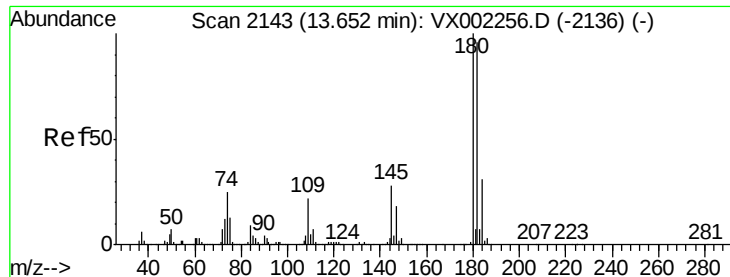
MMDadoda
 6/11/2018 9:30:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	45.8	137.4
157	122.5	60.1	180.3





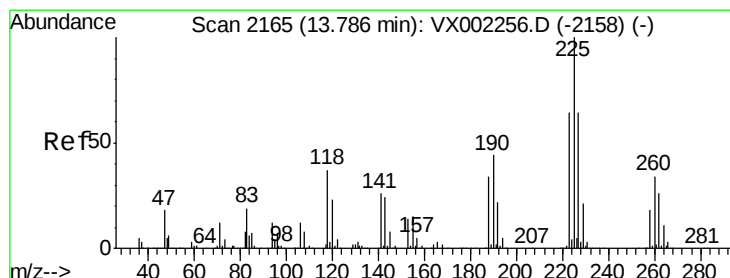
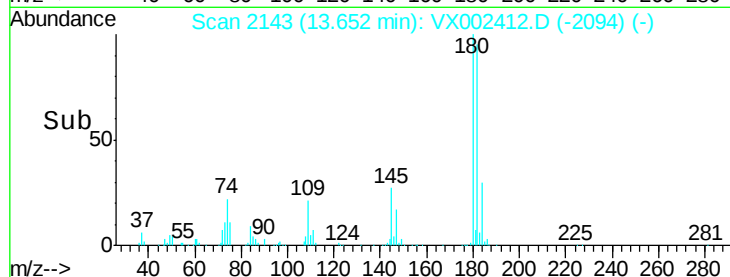
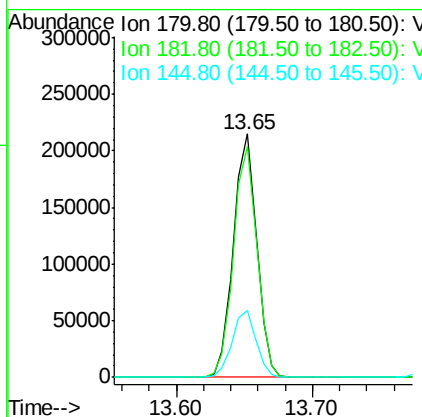
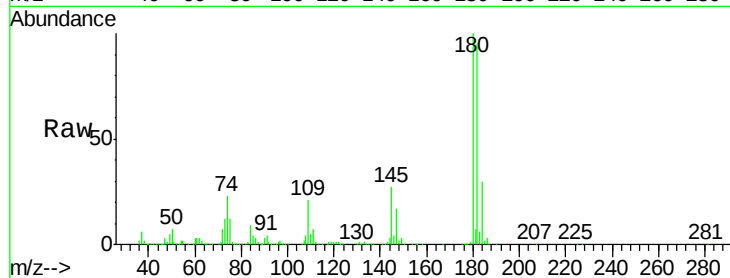
#93
 1,2,4-Trichlorobenzene
 Concen: 48.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257127		
182	95.7	47.7	143.1	
145	28.0	14.1	42.4	

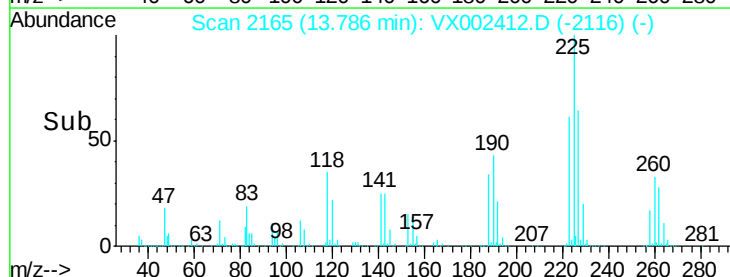
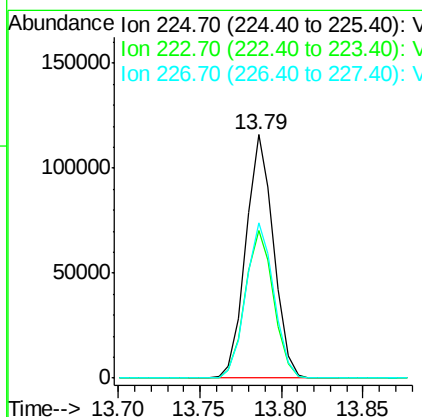
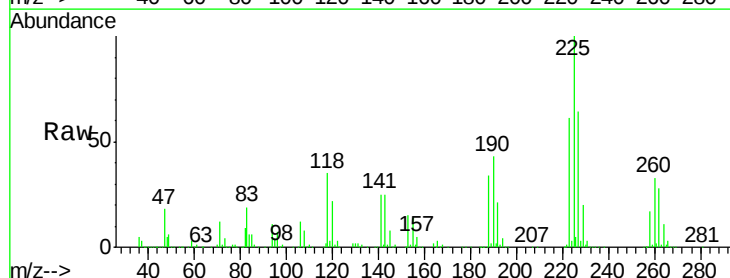
Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:36 AM



#94
 Hexachlorobutadiene
 Concen: 52.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002412.D
 Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137045		
223	62.3	31.6	95.0	
227	64.7	32.4	97.2	





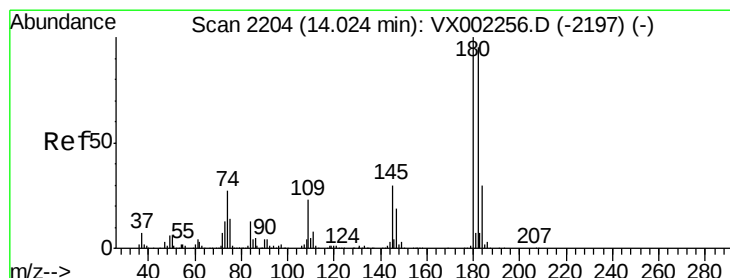
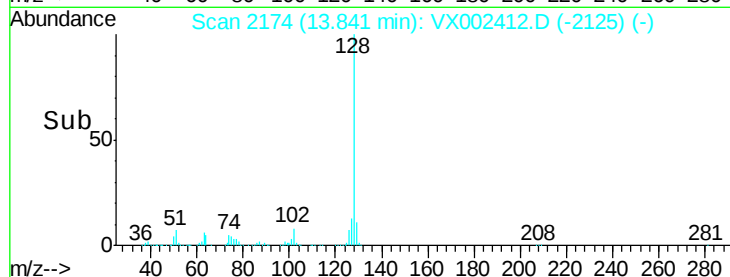
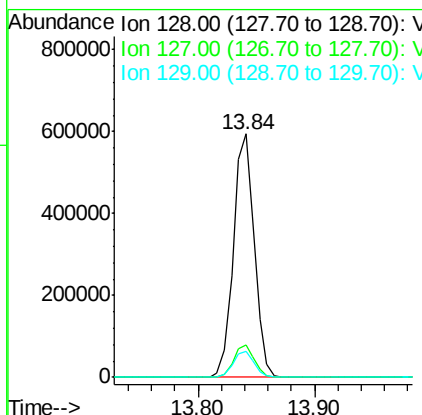
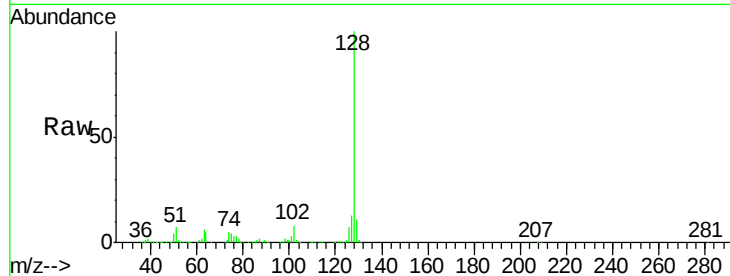
#95
Naphthalene
Concen: 48.61 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.99 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002412.D
Acq: 08 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.0
145	29.1	14.8	44.3

