

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002273.D
 Acq On : 04 Jun 2018 21:00
 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
 6/5/2018 5:56:07 PM

Quant Time: Jun 05 06:04:58 2018
 Quant Method : Y:\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	283802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194223	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	149164	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	8.72	98	581576	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
62) 4-Bromofluorobenzene	11.14	95	224180	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	153370	51.986	ug/l	97
3) Chloromethane	1.32	50	175737	52.109	ug/l	99
4) Vinyl Chloride	1.41	62	187729	50.489	ug/l	98
5) Bromomethane	1.64	94	107967	51.405	ug/l	99
6) Chloroethane	1.72	64	118991	49.473	ug/l	98
7) Trichlorofluoromethane	1.93	101	306647	54.129	ug/l	99
8) Diethyl Ether	2.19	74	106563	53.080	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	169013	55.285	ug/l	99
10) Methyl Iodide	2.51	142	207427	48.238	ug/l	99
11) Tert butyl alcohol	3.08	59	215485	259.854	ug/l	99
12) 1,1-Dichloroethene	2.37	96	152038	50.323	ug/l	99
13) Acrolein	2.30	56	101654	252.359	ug/l	99
14) Allyl chloride	2.73	41	305319	46.566	ug/l	99
15) Acrylonitrile	3.15	53	458032	265.792	ug/l	99
16) Acetone	2.45	43	437308	250.592	ug/l	99
17) Carbon Disulfide	2.57	76	372067	46.725	ug/l	99
18) Methyl Acetate	2.78	43	221699	54.787	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	558306	53.220	ug/l	100
20) Methylene Chloride	2.86	84	170250	53.234	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	161701	48.534	ug/l	96
22) Diisopropyl ether	3.88	45	552078	50.414	ug/l	99
23) Vinyl Acetate	3.83	43	2382324	224.134	ug/l	100
24) 1,1-Dichloroethane	3.70	63	277587	42.836	ug/l	99
25) 2-Butanone	4.71	43	625496	224.783	ug/l	99
26) 2,2-Dichloropropane	4.59	77	212706	41.991	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	165092	45.563	ug/l	96
28) Bromochloromethane	5.03	49	144721	52.702	ug/l	99
29) Tetrahydrofuran	5.17	42	413400	230.423	ug/l	99
30) Chloroform	5.22	83	293845	46.991	ug/l	97
31) Cyclohexane	5.58	56	268738	52.444	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	260514	49.124	ug/l	100
36) 1,1-Dichloropropene	5.81	75	216468	49.646	ug/l	100
37) Ethyl Acetate	4.87	43	247904	47.278	ug/l	99
38) Carbon Tetrachloride	5.79	117	230847	50.609	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002273.D
 Acq On : 04 Jun 2018 21:00
 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
 6/5/2018 5:56:07 PM

Quant Time: Jun 05 06:04:58 2018
 Quant Method : Y:\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	272861	50.650	ug/l	98
40) Benzene	6.15	78	646948	48.391	ug/l	99
41) Methacrylonitrile	5.07	41	141430	47.116	ug/l	99
42) 1,2-Dichloroethane	6.20	62	252794	47.593	ug/l	100
43) Isopropyl Acetate	6.47	43	417555	46.883	ug/l	100
44) Trichloroethene	7.22	130	186471	50.256	ug/l	97
45) 1,2-Dichloropropane	7.52	63	171285	47.458	ug/l	99
46) Dibromomethane	7.67	93	114860	46.945	ug/l	99
47) Bromodichloromethane	7.90	83	213538	48.257	ug/l	98
48) Methyl methacrylate	7.78	41	212667	47.537	ug/l	99
49) 1,4-Dioxane	7.76	88	81307	972.009	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1353487	244.030	ug/l	100
52) Toluene	8.79	92	425309	50.019	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	258476	48.709	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	241062	48.150	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168901	48.296	ug/l	98
56) Ethyl methacrylate	9.18	69	267133	47.844	ug/l	99
57) 1,3-Dichloropropane	9.38	76	281309	47.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	629135	243.455	ug/l	99
59) 2-Hexanone	9.50	43	1041800	243.181	ug/l	99
60) Dibromochloromethane	9.59	129	175675	49.941	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180659	49.544	ug/l	99
64) Tetrachloroethene	9.34	164	209707	50.789	ug/l	97
65) Chlorobenzene	10.14	112	484343	48.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175779	48.730	ug/l	100
67) Ethyl Benzene	10.26	91	836354	50.166	ug/l	99
68) m/p-Xylenes	10.37	106	650440	100.365	ug/l	99
69) o-Xylene	10.70	106	319738	49.577	ug/l	100
70) Styrene	10.72	104	534005	50.649	ug/l	100
71) Bromoform	10.86	173	137871	43.184	ug/l	99
73) Isopropylbenzene	11.02	105	869691	49.181	ug/l	100
74) N-amyl acetate	6.47	43	417555	43.822	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	249850	44.923	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	255433m	45.794	ug/l	
77) Bromobenzene	11.26	156	234570	47.250	ug/l	99
78) n-propylbenzene	11.37	91	993644	50.555	ug/l	100
79) 2-Chlorotoluene	11.43	91	591370	47.650	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	743276	49.005	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69690	43.796	ug/l	96
82) 4-Chlorotoluene	11.51	91	697546	48.694	ug/l	99
83) tert-Butylbenzene	11.77	119	721961	48.881	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	765684	49.041	ug/l	100
85) sec-Butylbenzene	11.95	105	898479	51.890	ug/l	100
86) p-Isopropyltoluene	12.07	119	804866	51.032	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	428827	48.310	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	432855	47.309	ug/l	100
89) n-Butylbenzene	12.39	91	691736	52.295	ug/l	100
90) Hexachloroethane	12.60	117	122422	48.626	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	433915	47.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59157	48.639	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
Data File : VX002273.D
Acq On : 04 Jun 2018 21:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

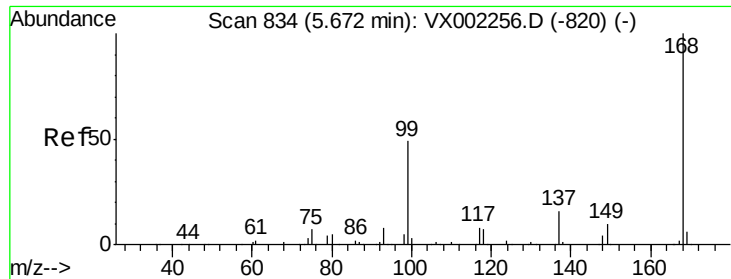
Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM

Quant Time: Jun 05 06:04:58 2018
Quant Method : Y:\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	312972	48.600	ug/l	99
94) Hexachlorobutadiene	13.79	225	166892	52.445	ug/l	99
95) Naphthalene	13.84	128	905523	48.940	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321379	48.934	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 283802

Ion Ratio Lower Upper

168 100

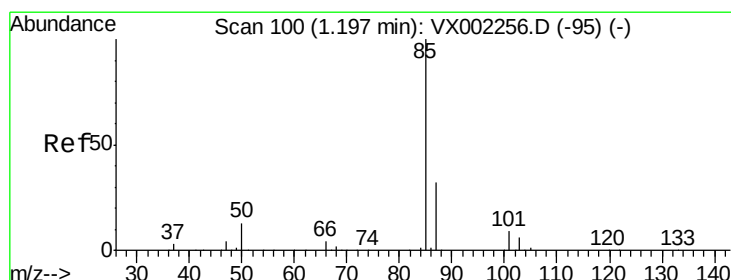
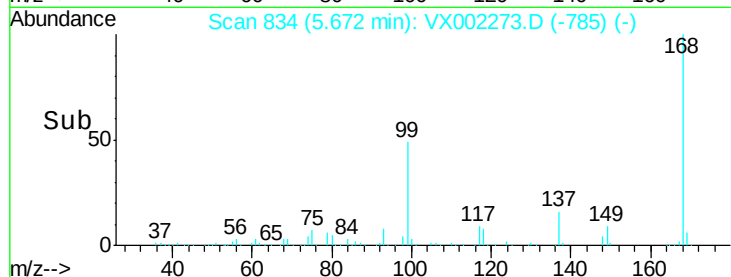
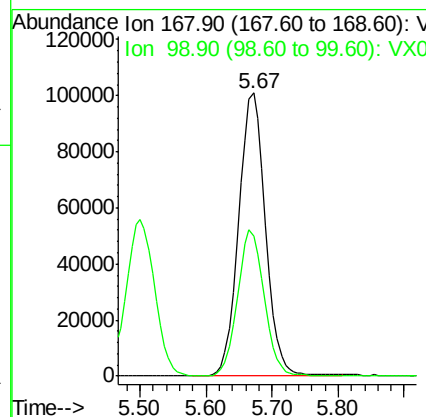
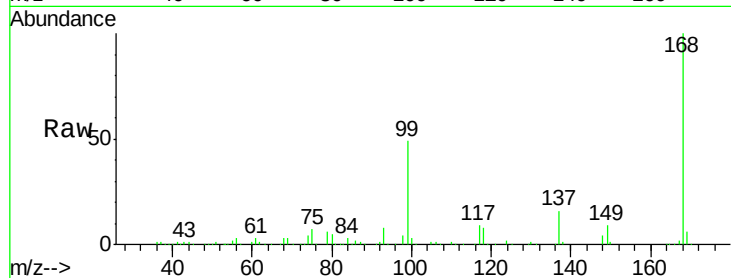
99 49.3 39.3 58.9

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#2

Dichlorodifluoromethane

Concen: 51.986 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002273.D

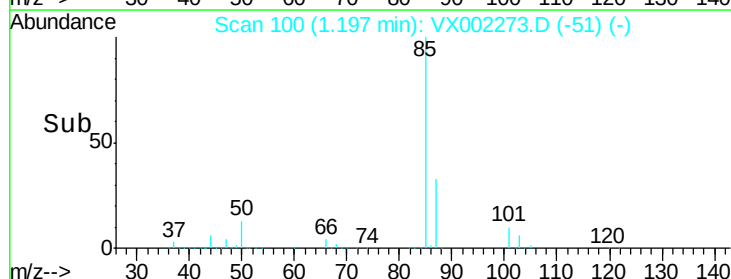
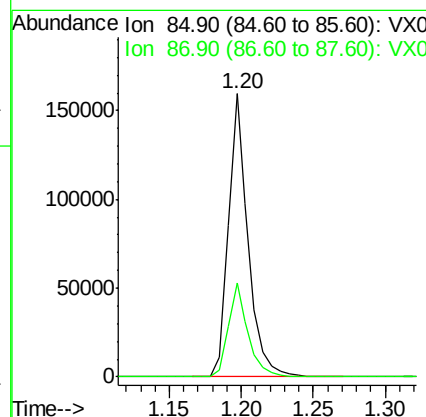
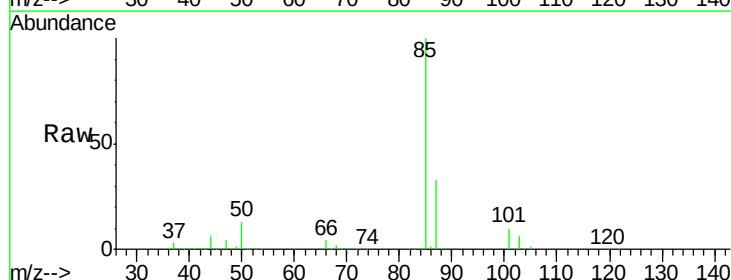
Acq: 04 Jun 2018 21:00

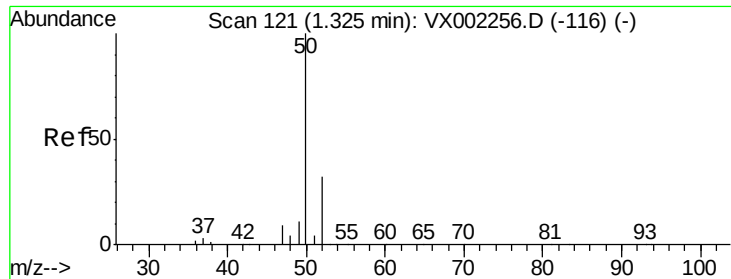
Tgt Ion: 85 Resp: 153370

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9





#3

Chloromethane

Concen: 52.109 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 175737

Ion Ratio Lower Upper

50 100

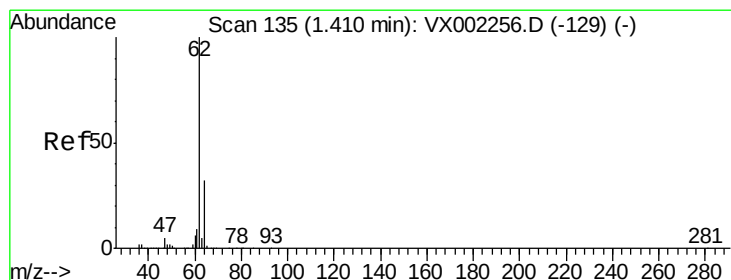
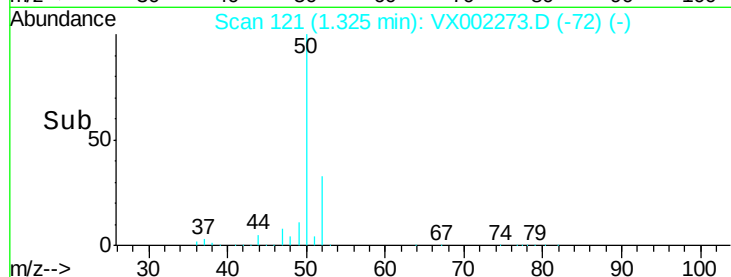
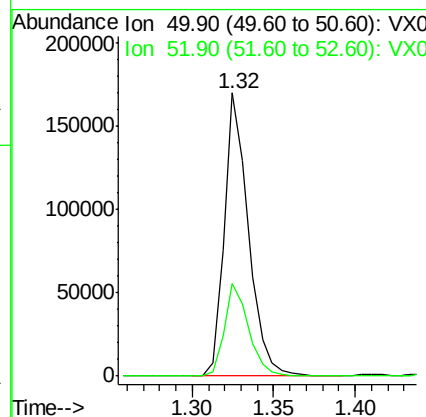
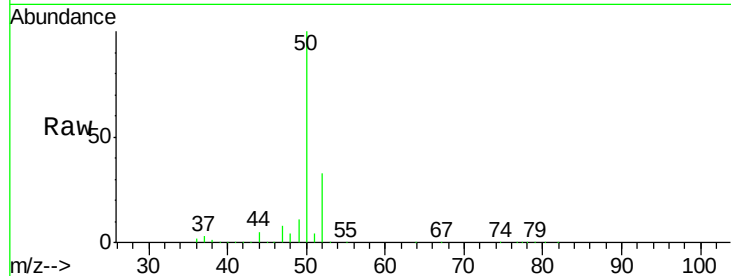
52 32.6 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#4

Vinyl Chloride

Concen: 50.489 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002273.D

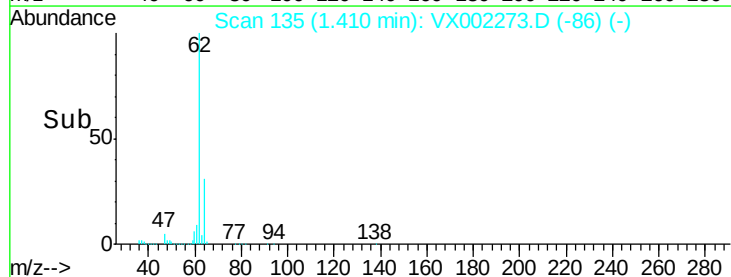
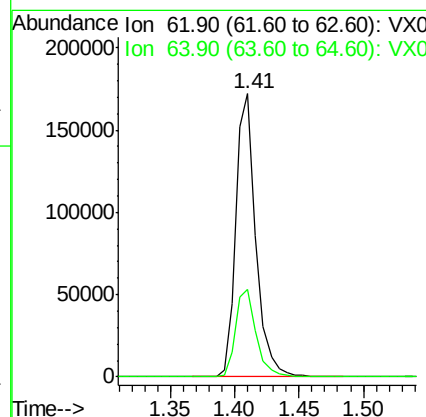
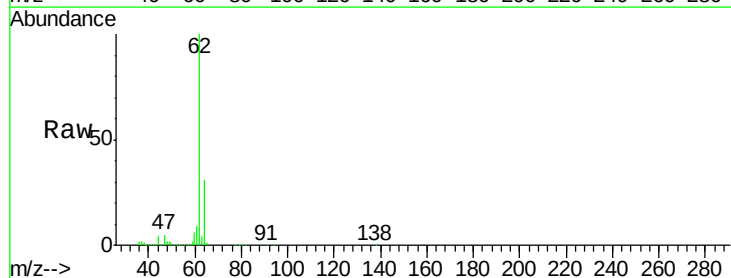
Acq: 04 Jun 2018 21:00

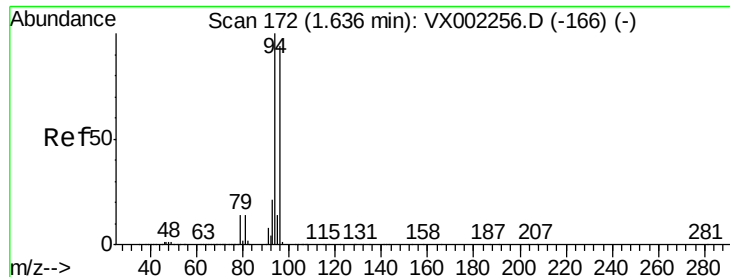
Tgt Ion: 62 Resp: 187729

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 51.405 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 107967

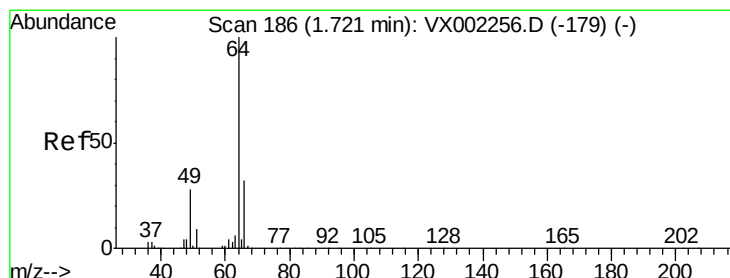
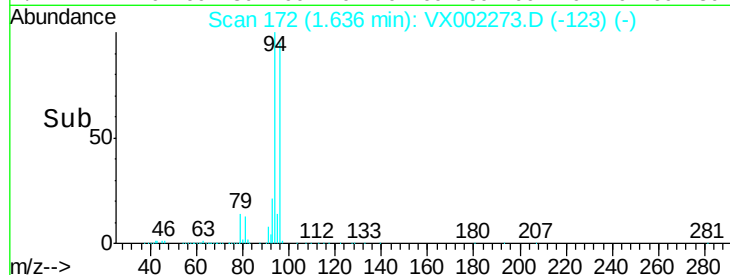
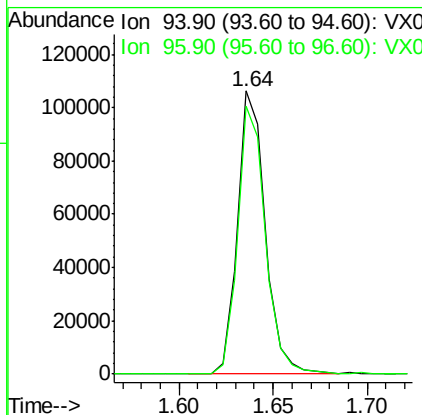
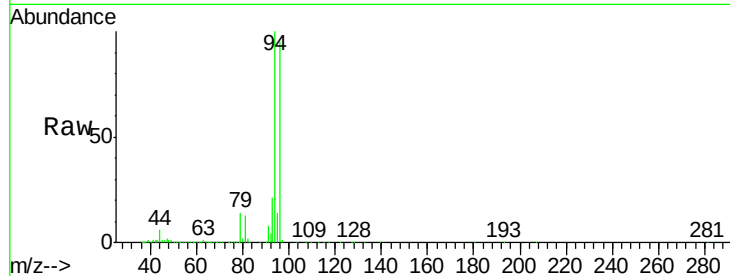
Ion Ratio Lower Upper

94 100

96 94.7 74.9 112.3

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#6

Chloroethane

Concen: 49.473 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002273.D

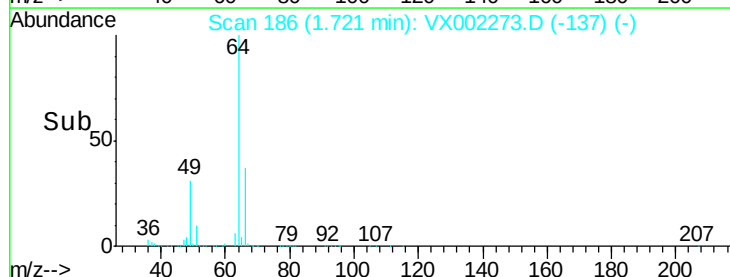
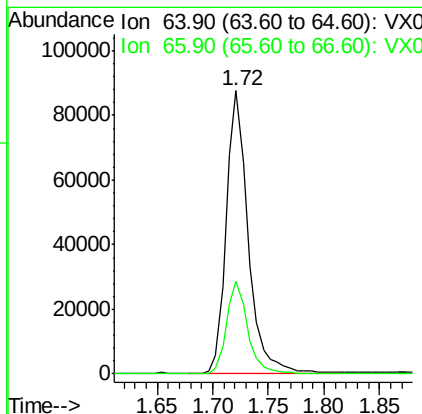
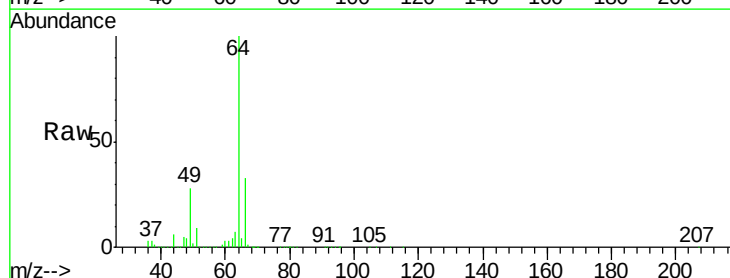
Acq: 04 Jun 2018 21:00

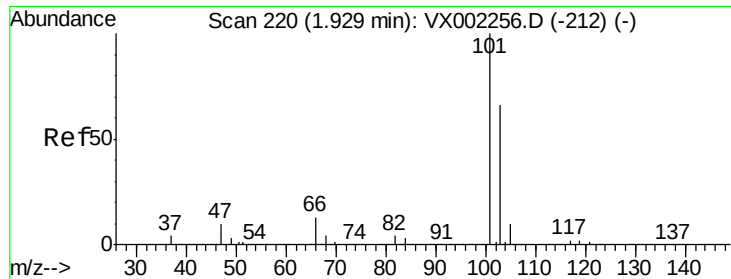
Tgt Ion: 64 Resp: 118991

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

Trichlorofluoromethane

Concen: 54.129 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 306647

Ion Ratio Lower Upper

101 100

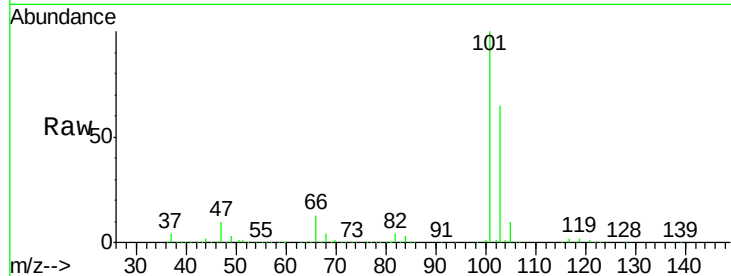
103 64.9 52.8 79.2

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

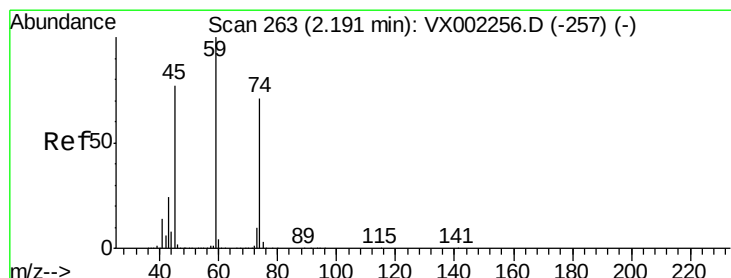
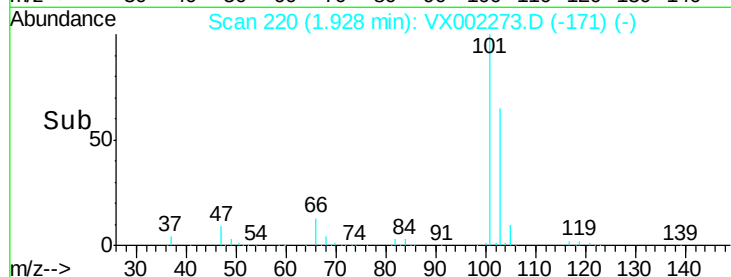
150000

100000

50000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 53.080 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002273.D

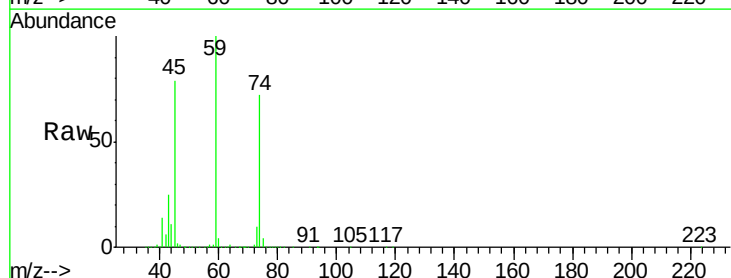
Acq: 04 Jun 2018 21:00

Tgt Ion: 74 Resp: 106563

Ion Ratio Lower Upper

74 100

45 106.1 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

80000

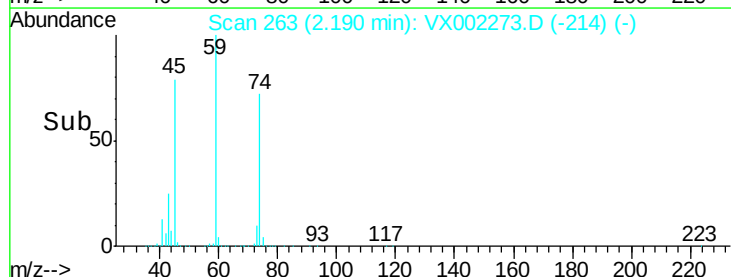
60000

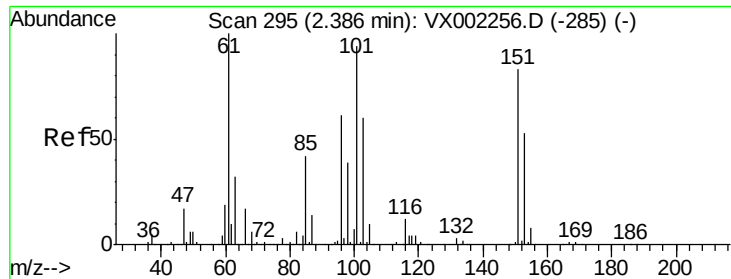
40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30





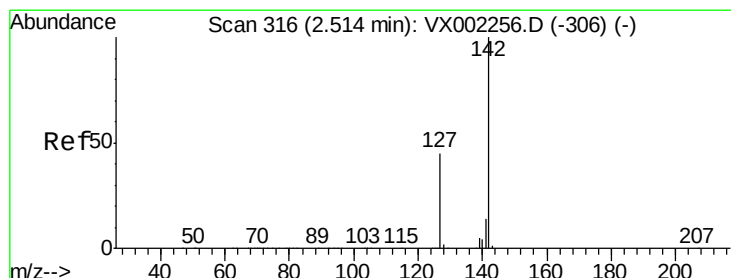
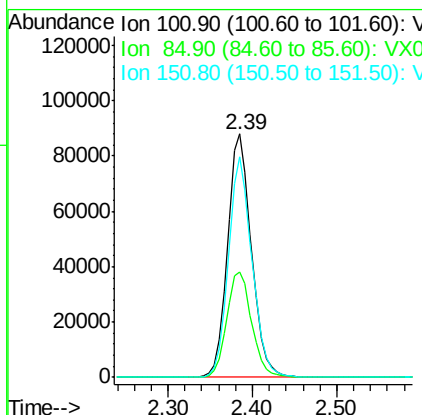
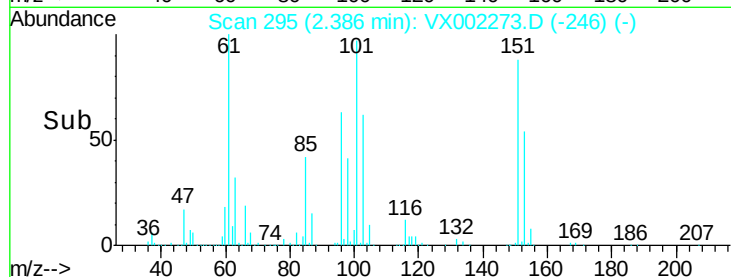
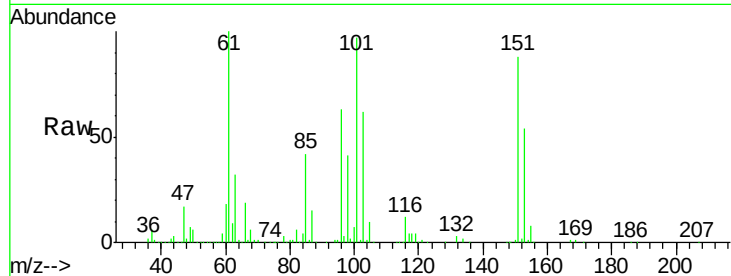
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.285 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	169013		
85	45.3	36.0	54.0	
151	89.5	70.9	106.3	

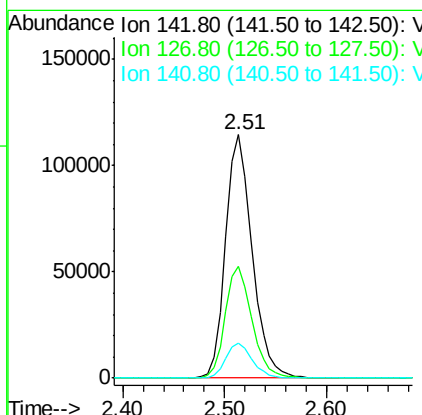
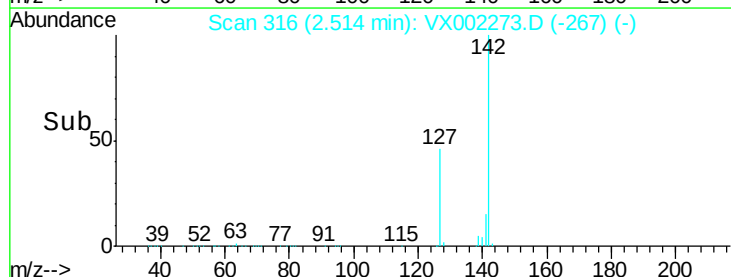
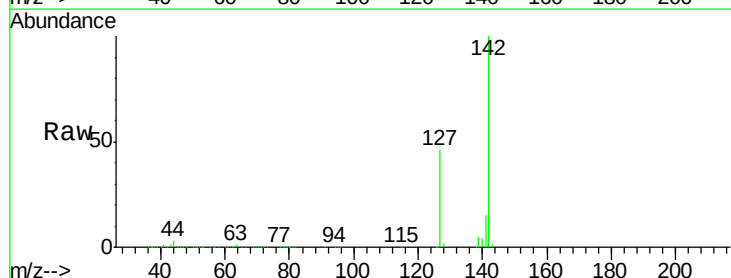
Manual Integrations
 APPROVED

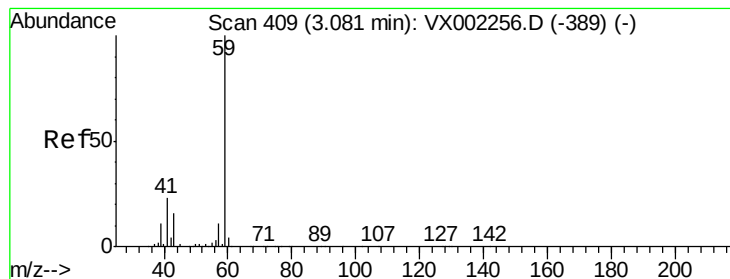
MMDadoda
 6/5/2018 5:56:07 PM



#10
 Methyl Iodide
 Concen: 48.238 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	207427		
127	46.1	36.6	55.0	
141	14.5	11.3	16.9	





#11

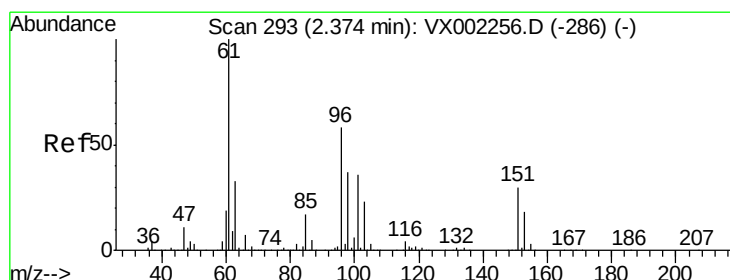
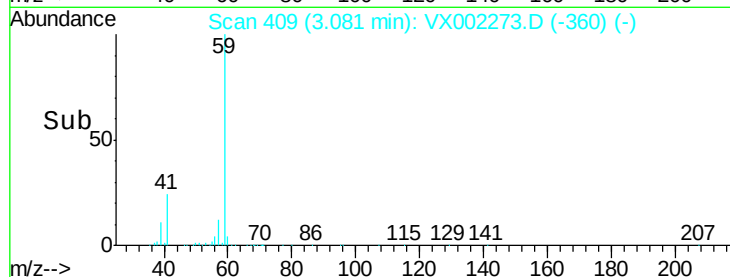
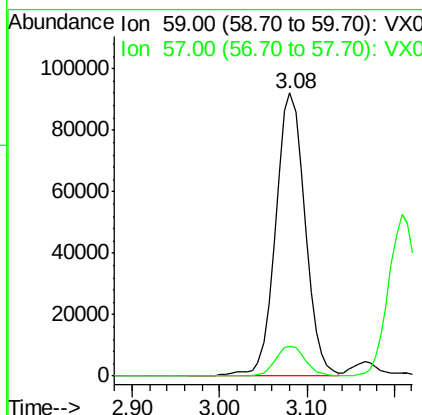
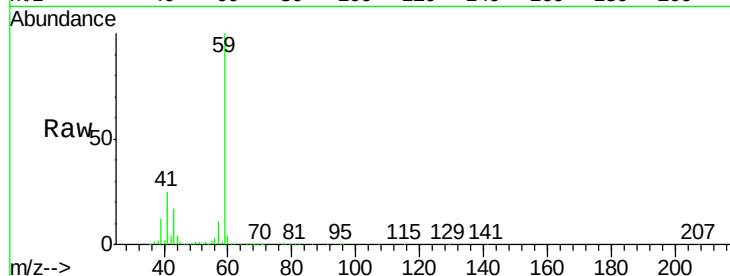
Tert butyl alcohol
Concen: 259.854 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	215485
Ion Ratio	100	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
APPROVED

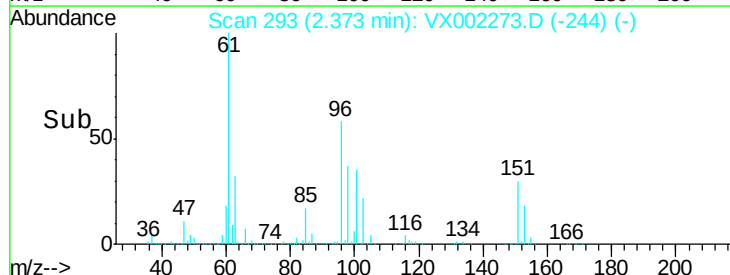
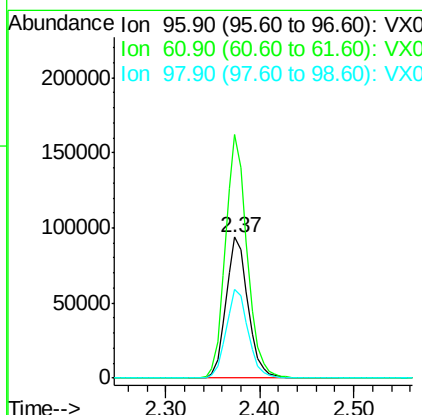
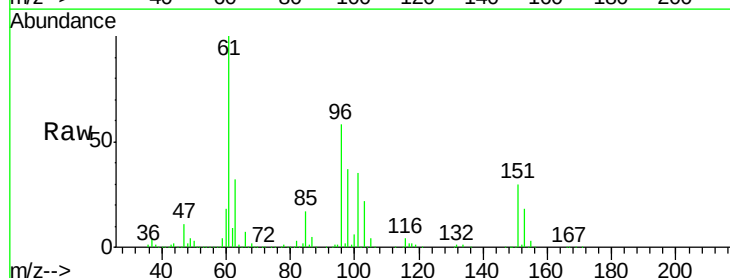
MMDadoda
6/5/2018 5:56:07 PM

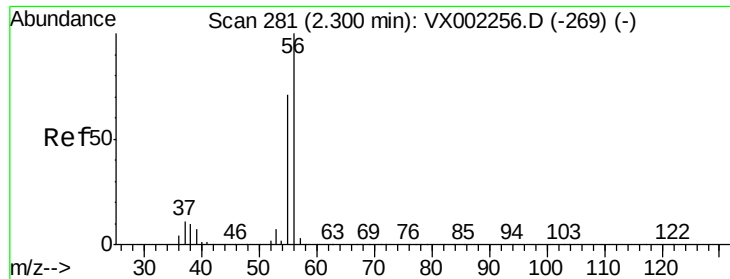


#12

1,1-Dichloroethene
Concen: 50.323 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	96	Resp	152038
Ion Ratio	100	Lower	Upper
96	100		
61	173.1	137.9	206.9
98	63.3	51.6	77.4





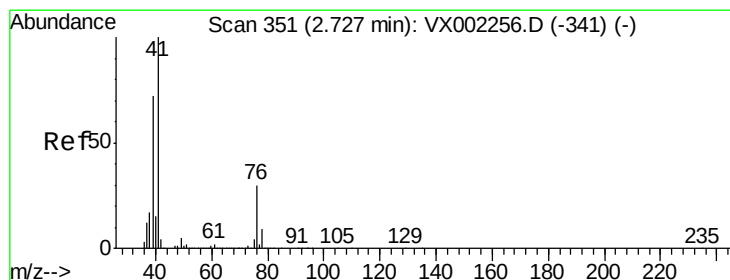
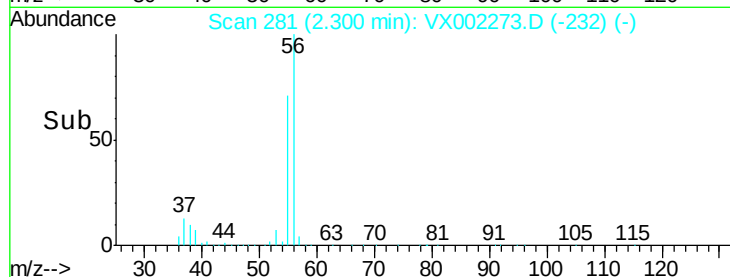
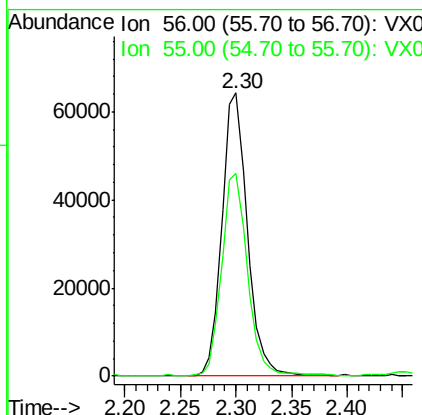
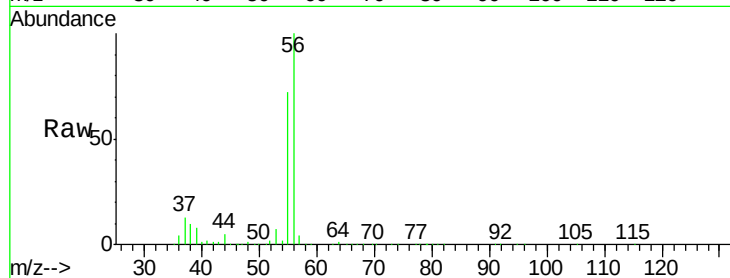
#13
Acrolein
Concen: 252.359 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.4	57.0	85.4

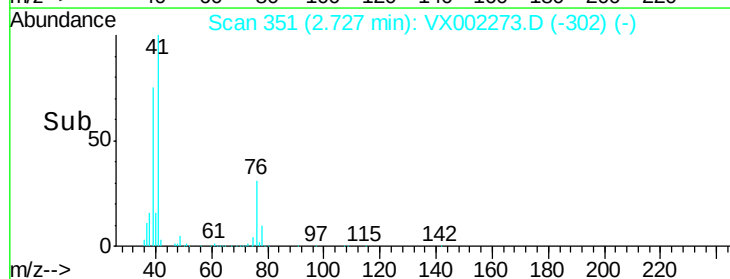
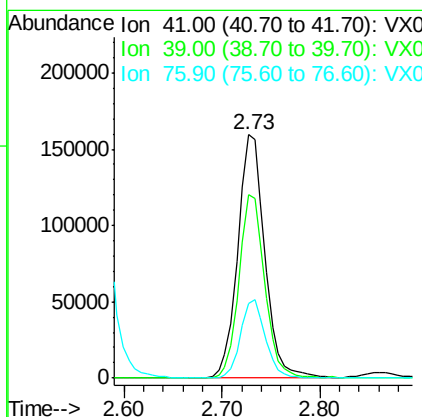
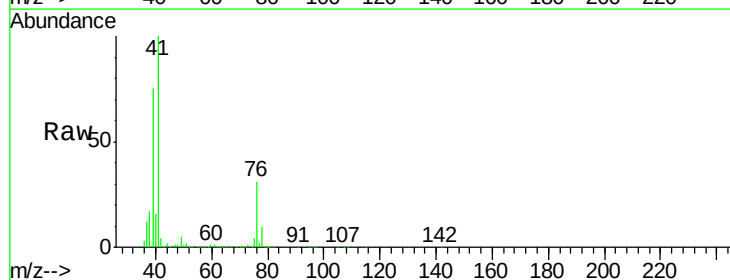
Manual Integrations
APPROVED

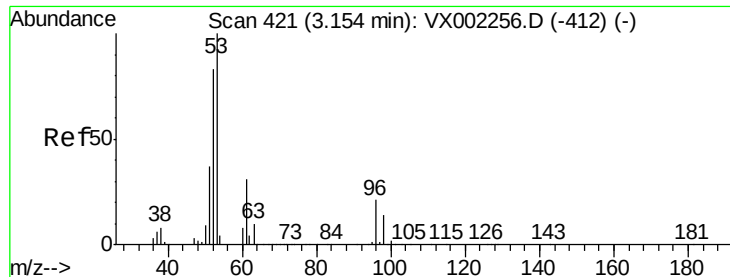
MMDadoda
6/5/2018 5:56:07 PM



#14
Allyl chloride
Concen: 46.566 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.9	56.8	85.2
76	29.7	23.8	35.8





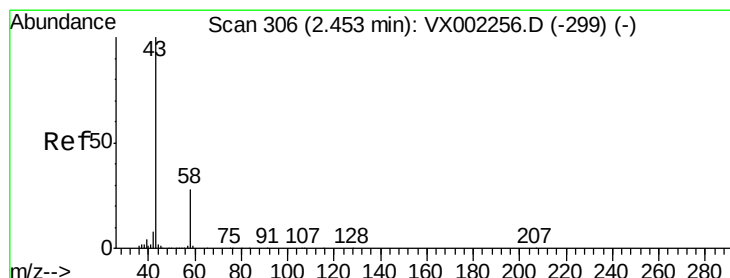
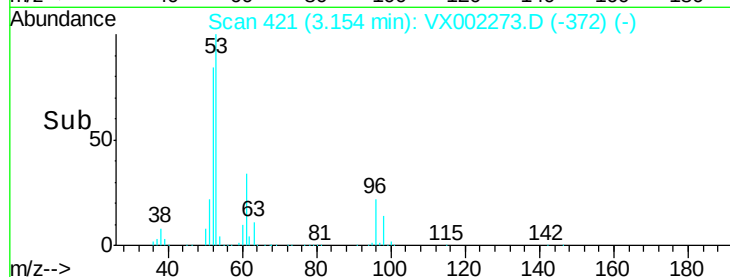
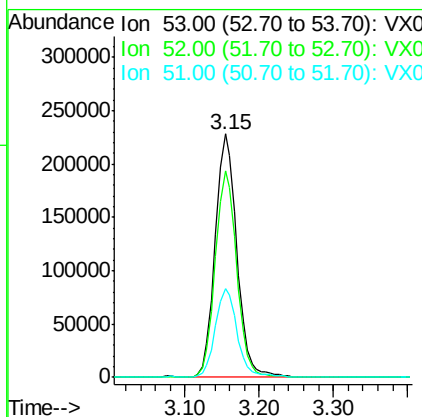
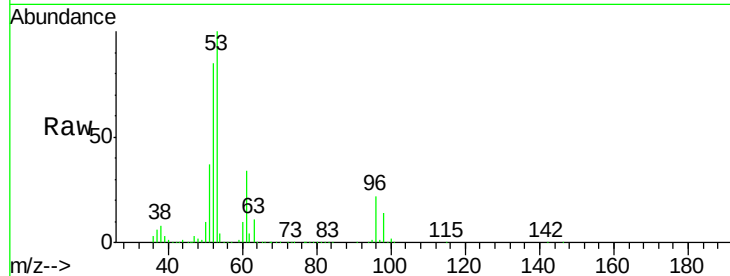
#15
Acrylonitrile
Concen: 265.792 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	36.9	29.9	44.9

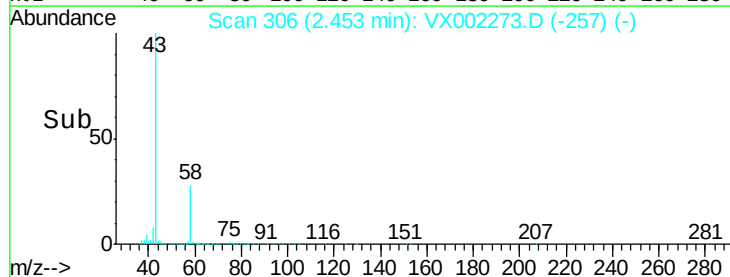
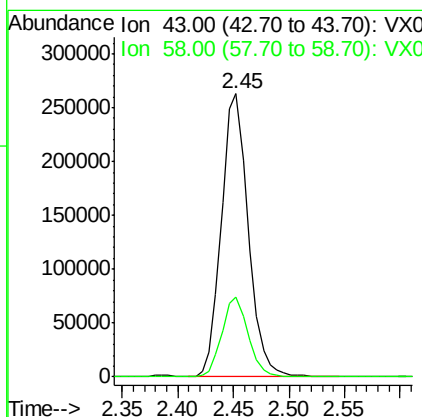
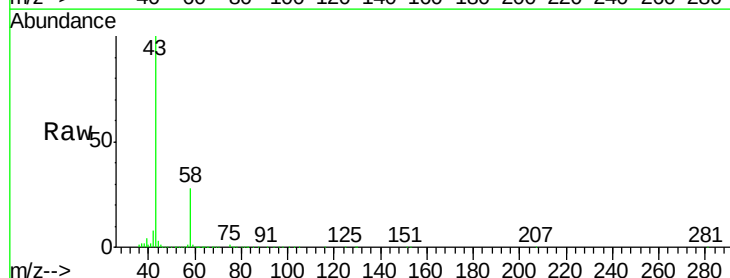
Manual Integrations
APPROVED

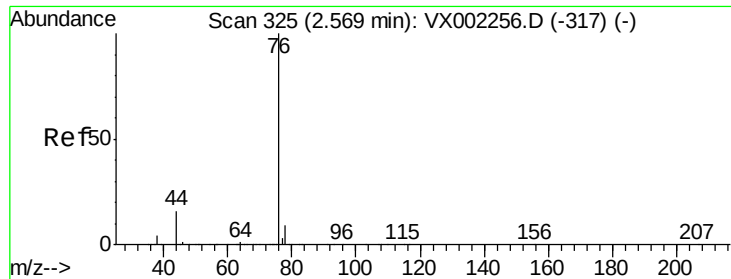
MMDadoda
6/5/2018 5:56:07 PM



#16
Acetone
Concen: 250.592 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1





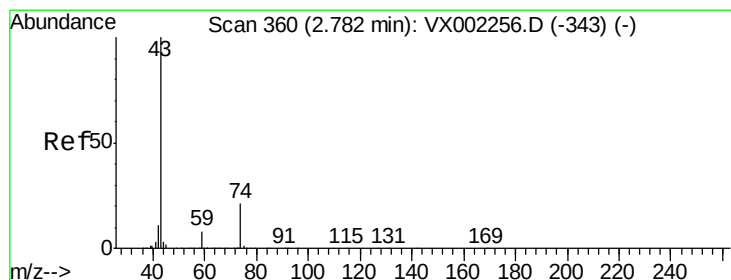
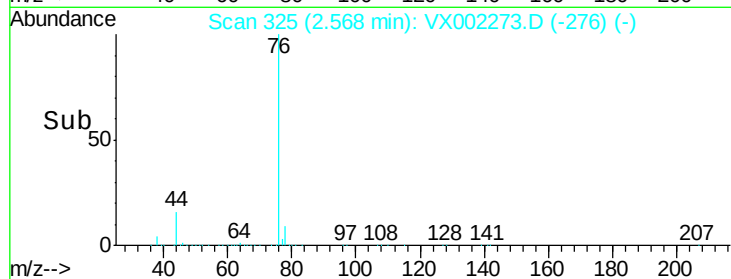
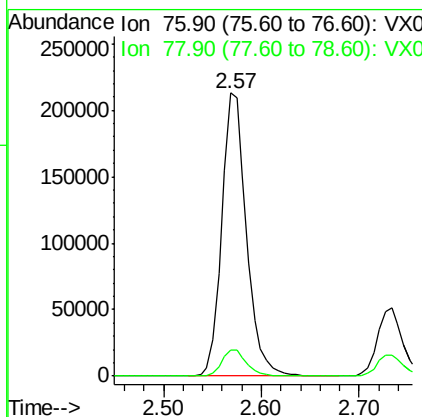
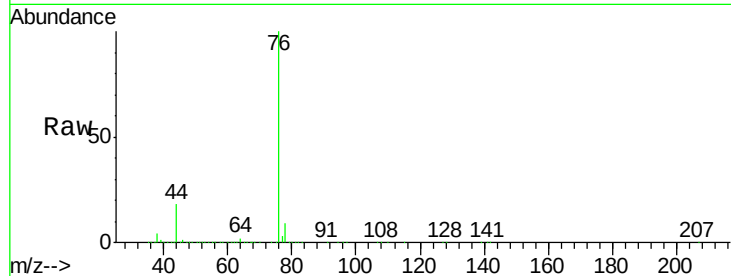
#17
Carbon Disulfide
Concen: 46.725 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

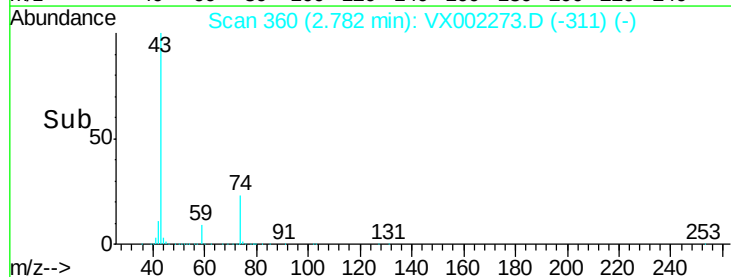
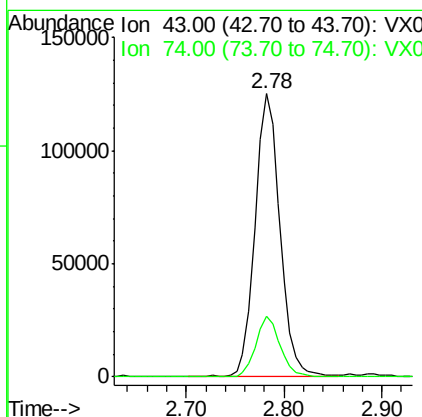
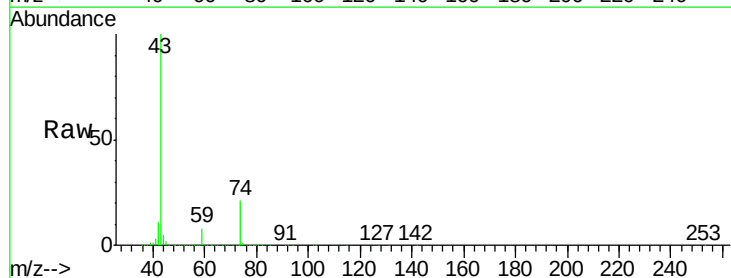
Manual Integrations
APPROVED

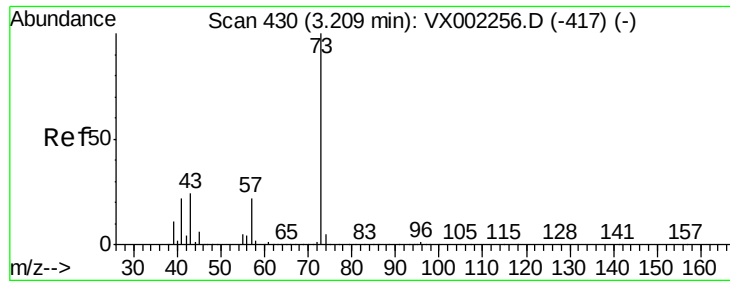
MMDadoda
6/5/2018 5:56:07 PM



#18
Methyl Acetate
Concen: 54.787 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	16.7	25.1





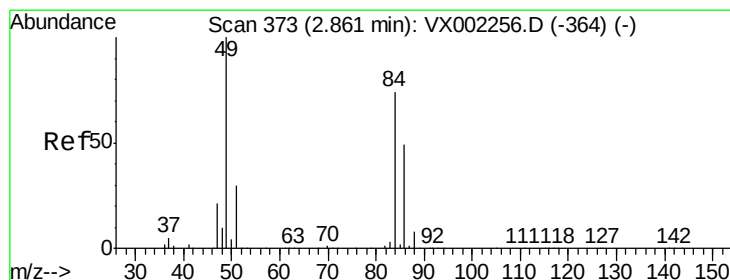
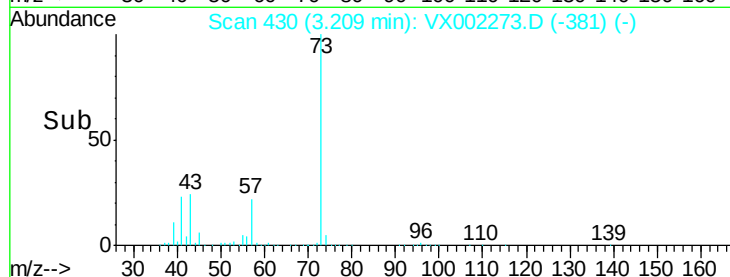
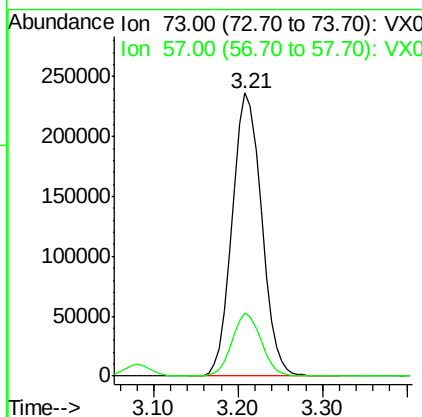
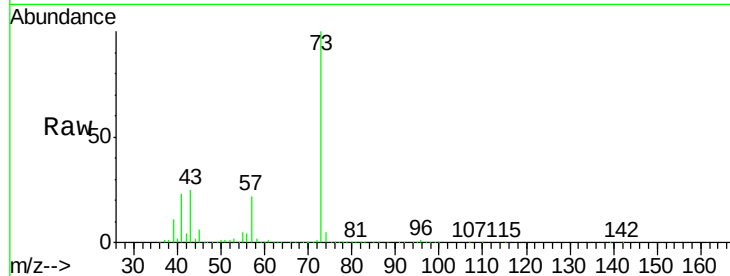
#19
Methyl tert-butyl Ether
Concen: 53.220 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 558306
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

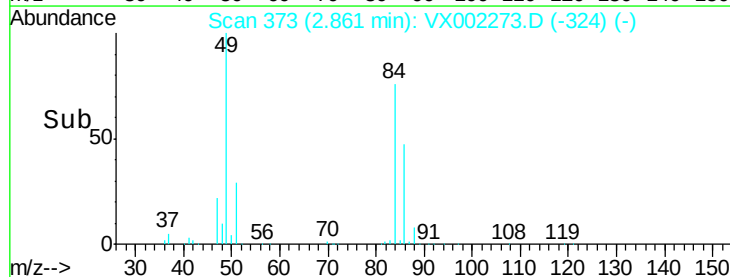
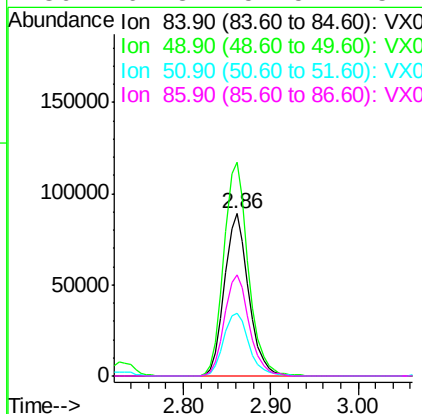
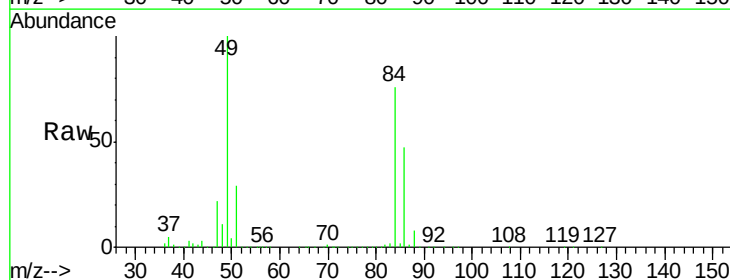
Manual Integrations
APPROVED

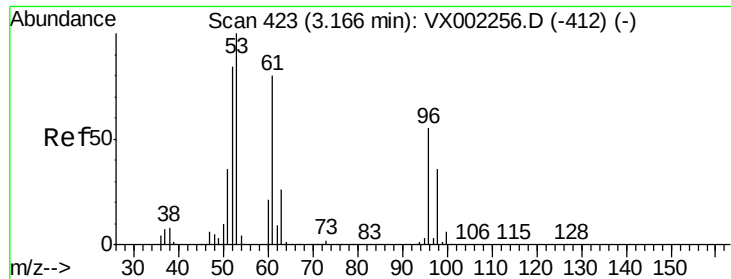
MMDadoda
6/5/2018 5:56:07 PM



#20
Methylene Chloride
Concen: 53.234 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 84 Resp: 170250
Ion Ratio Lower Upper
84 100
49 131.9 107.8 161.6
51 38.4 32.8 49.2
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.534 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 161701

Ion Ratio Lower Upper

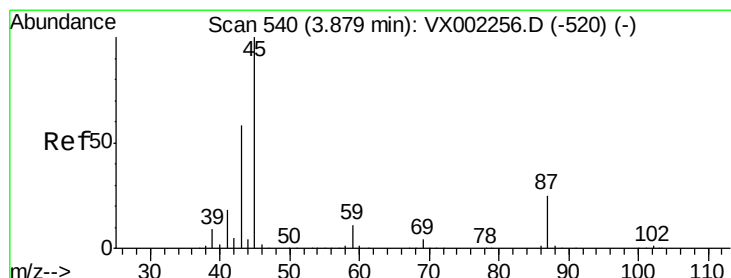
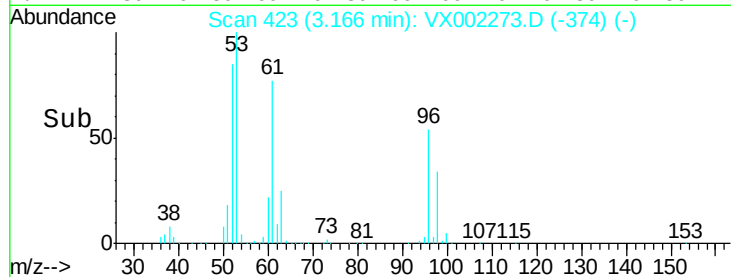
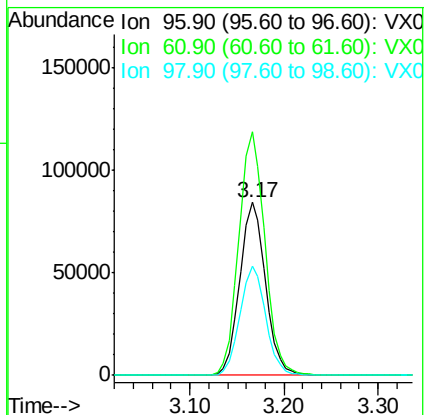
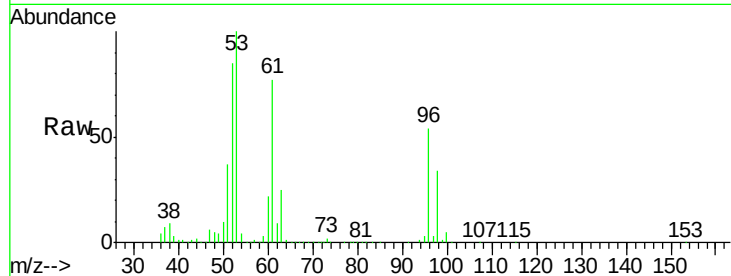
96 100

61 140.7 117.0 175.4

98 63.3 52.4 78.6

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#22

Diisopropyl ether

Concen: 50.414 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion: 45 Resp: 552078

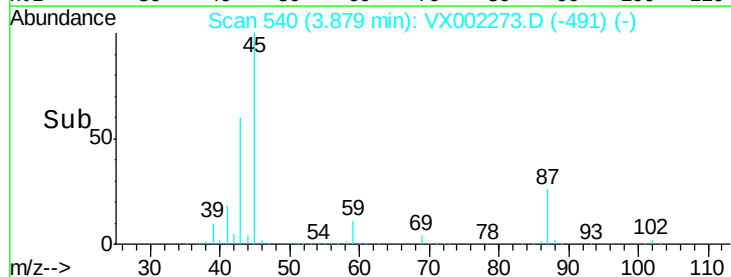
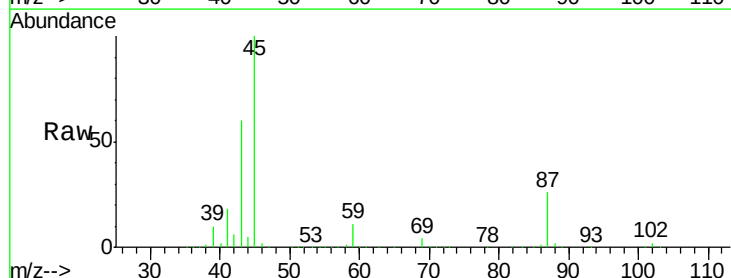
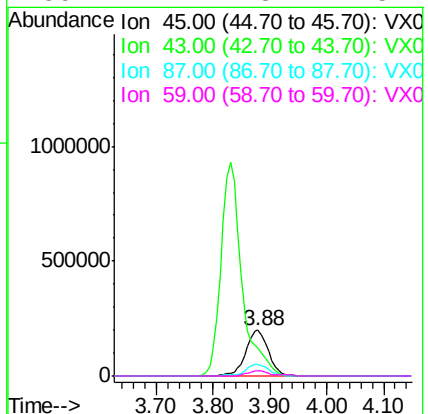
Ion Ratio Lower Upper

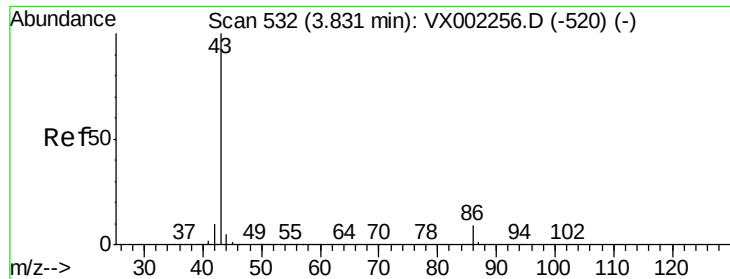
45 100

43 60.0 46.8 70.2

87 25.7 20.2 30.4

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 224.134 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2382324

Ion Ratio Lower Upper

43 100

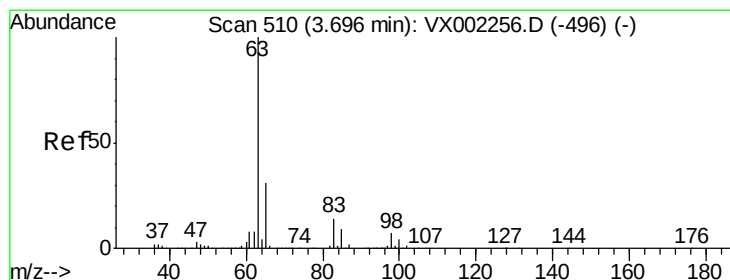
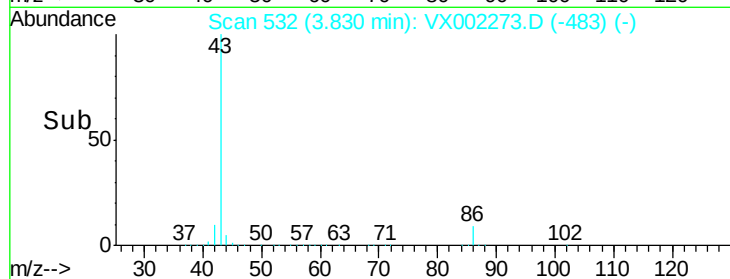
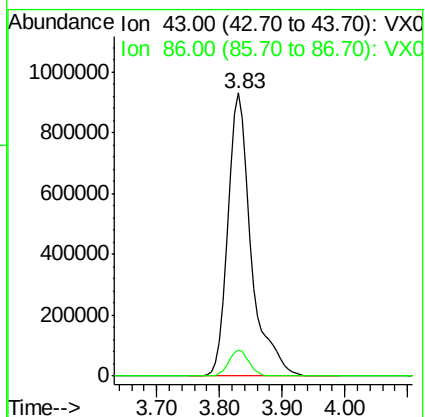
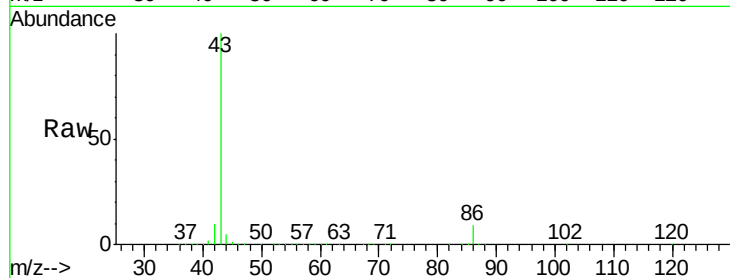
86 9.1 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#24

1,1-Dichloroethane

Concen: 42.836 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

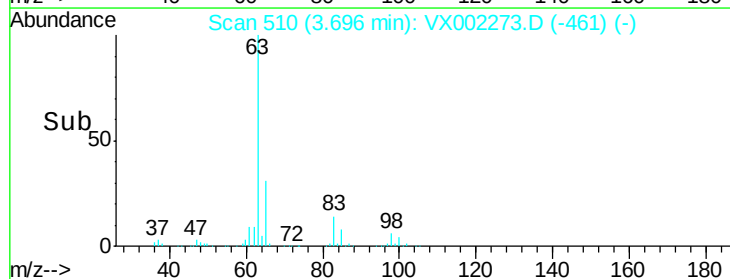
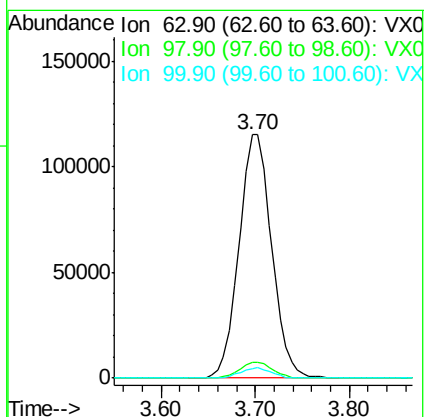
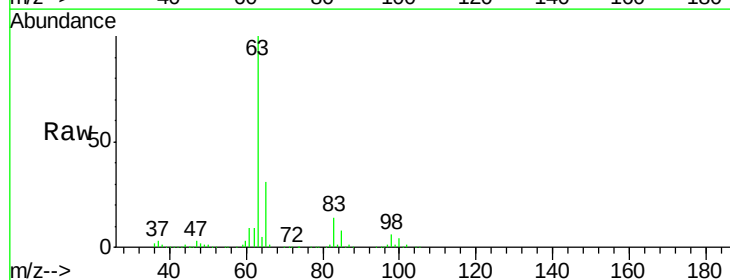
Tgt Ion: 63 Resp: 277587

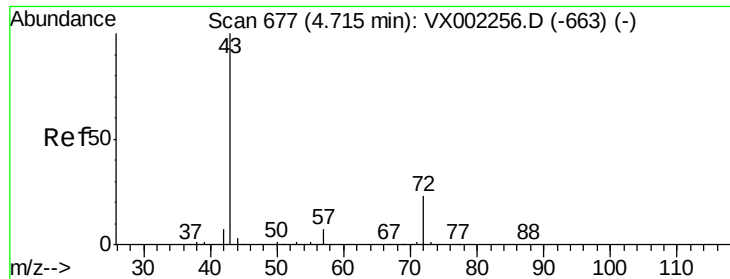
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 224.783 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 625496

Ion Ratio Lower Upper

43 100

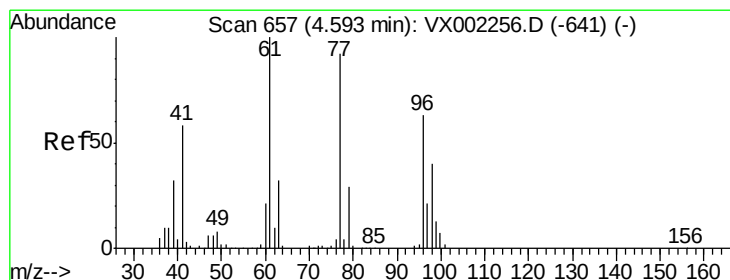
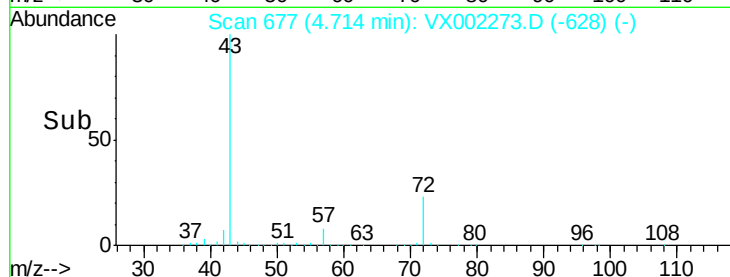
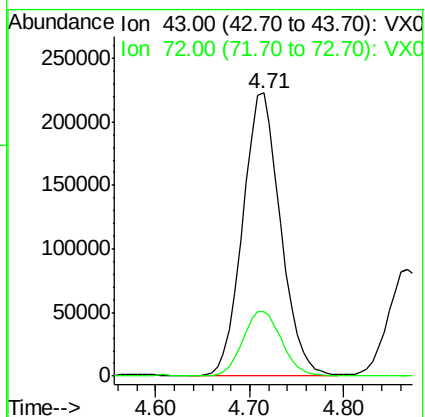
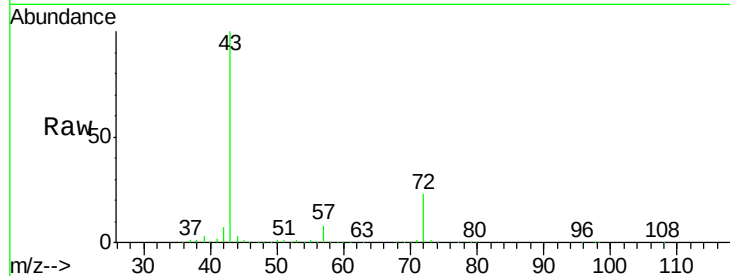
72 22.6 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#26

2,2-Dichloropropane

Concen: 41.991 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002273.D

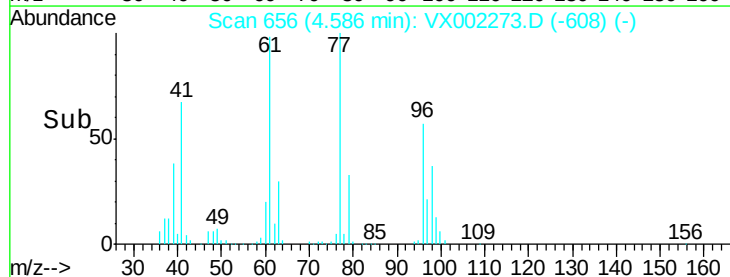
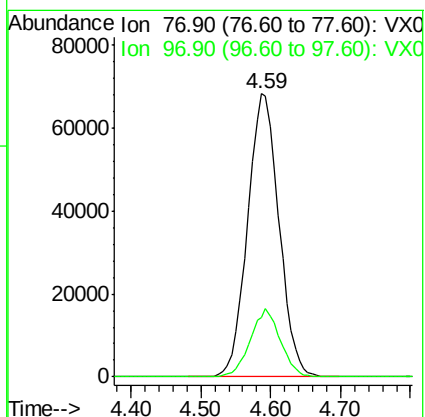
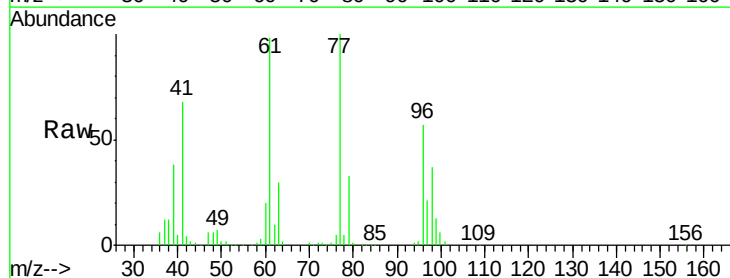
Acq: 04 Jun 2018 21:00

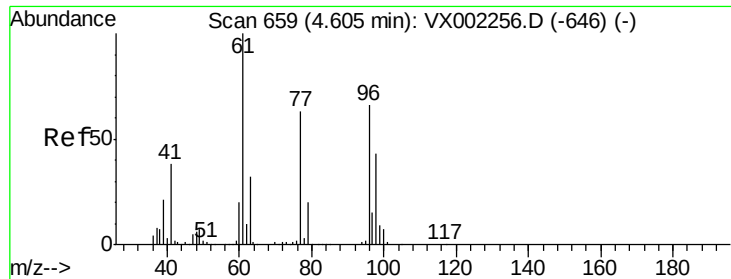
Tgt Ion: 77 Resp: 212706

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

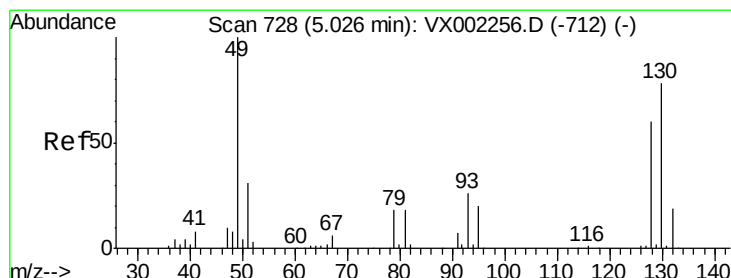
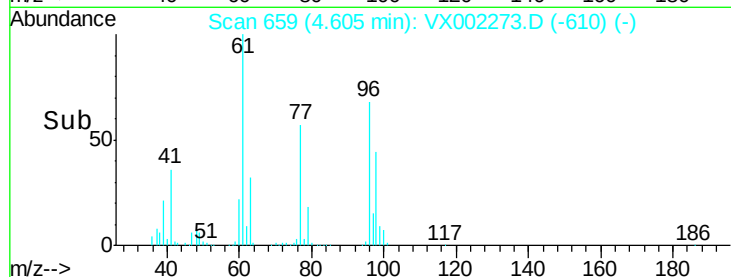
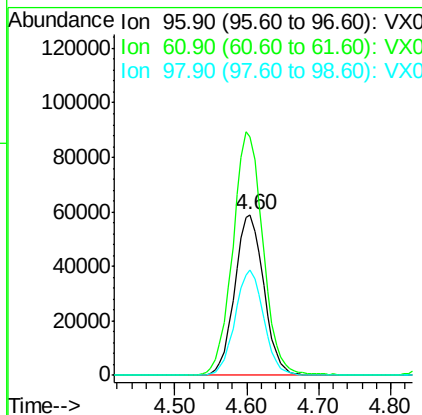
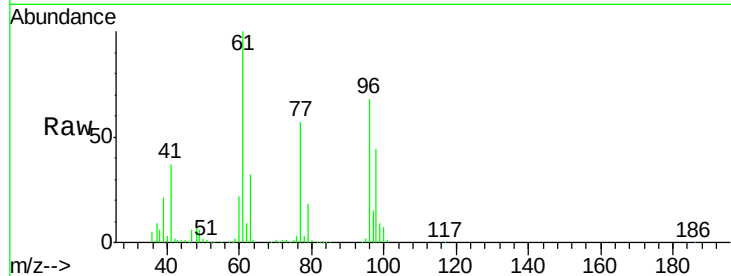
cis-1,2-Dichloroethene
Concen: 45.563 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	165092		
61	158.4	0.0	330.2	
98	64.6	0.0	130.2	

Manual Integrations
APPROVED

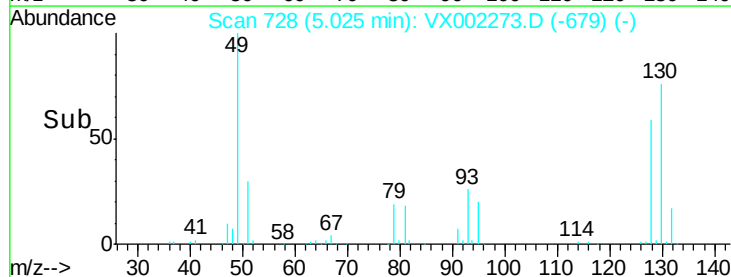
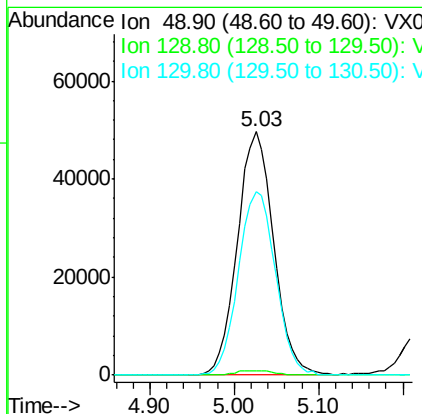
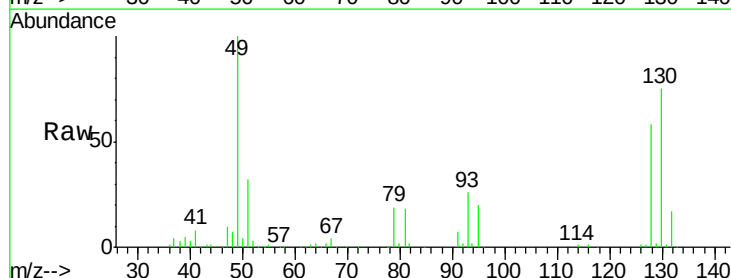
MMDadoda
6/5/2018 5:56:07 PM

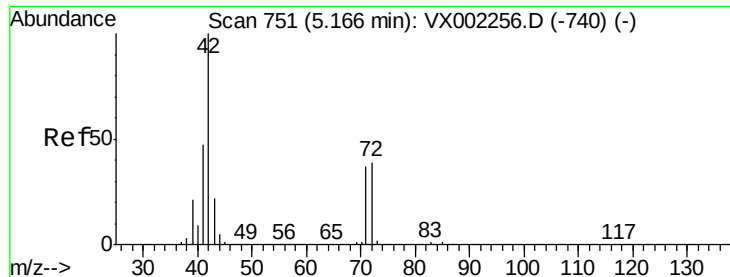


#28

Bromochloromethane
Concen: 52.702 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	144721		
129	2.1	0.0	4.2	
130	77.6	61.2	91.8	





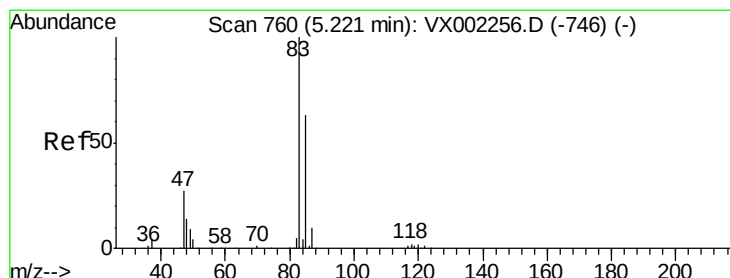
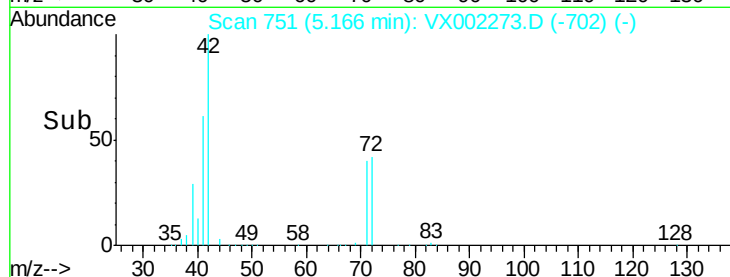
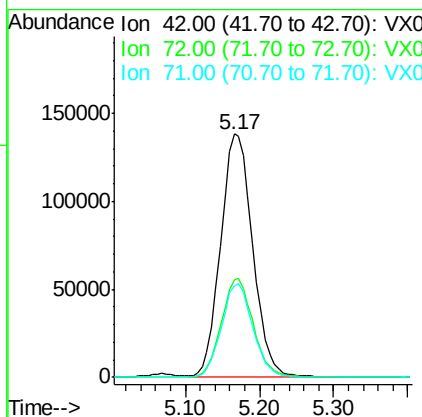
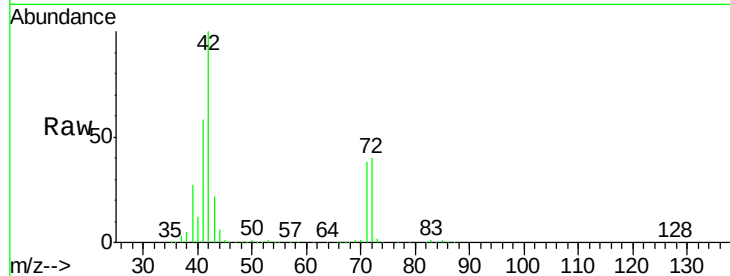
#29
Tetrahydrofuran
Concen: 230.423 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.0	48.0
71	37.8	30.1	45.1

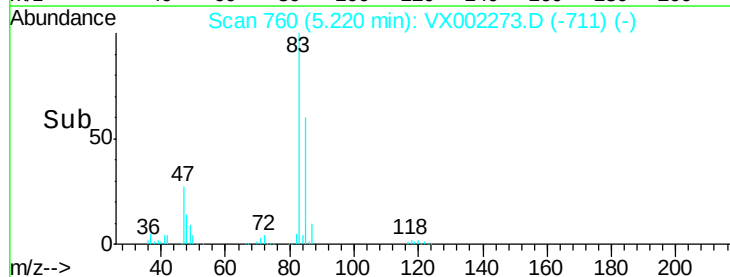
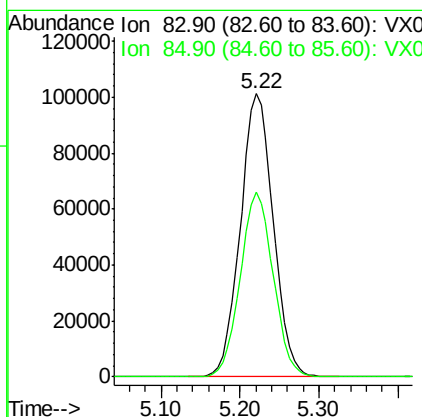
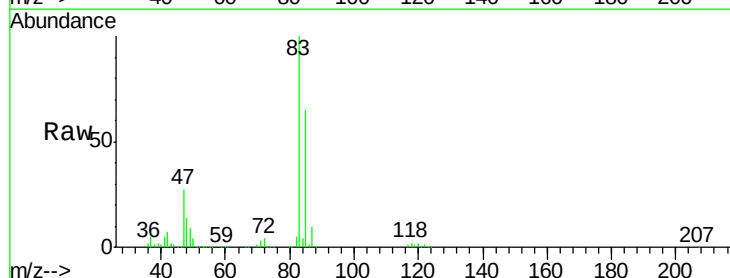
Manual Integrations
APPROVED

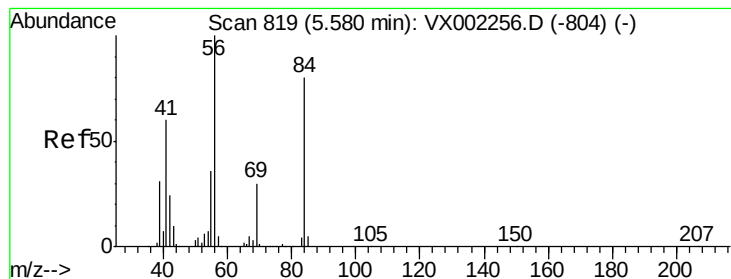
MMDadoda
6/5/2018 5:56:07 PM



#30
Chloroform
Concen: 46.991 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.4	75.6





#31

Cyclohexane

Concen: 52.444 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

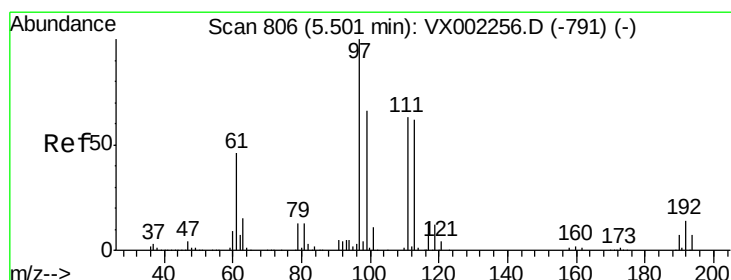
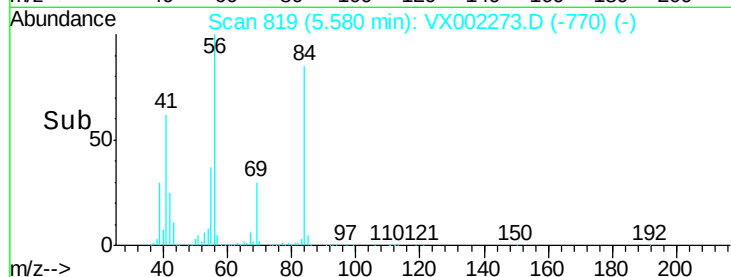
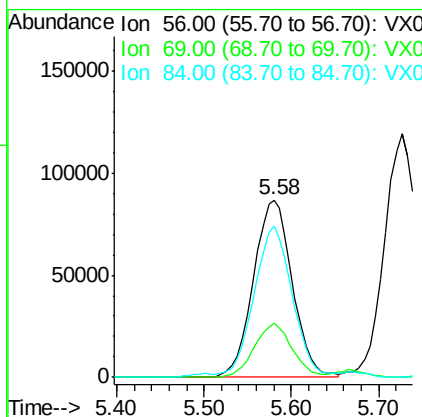
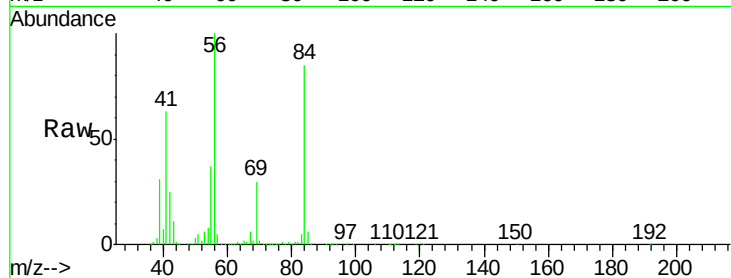
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	268738
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	84.0	64.1	96.1

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#32

1,1,1-Trichloroethane

Concen: 49.124 ug/l

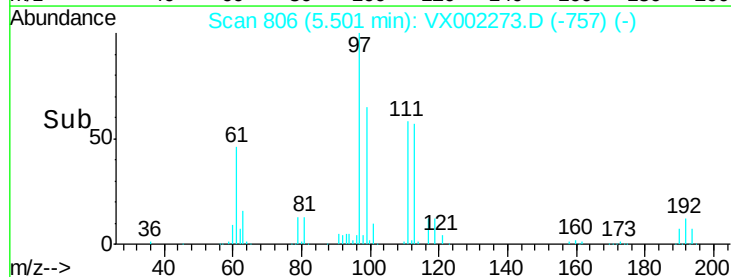
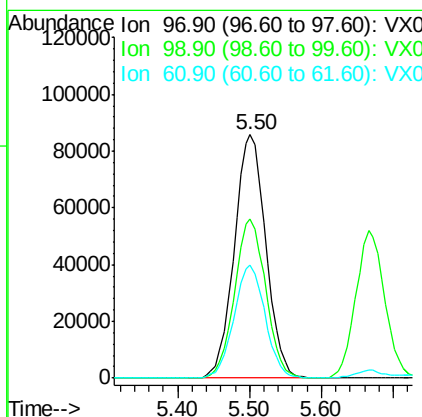
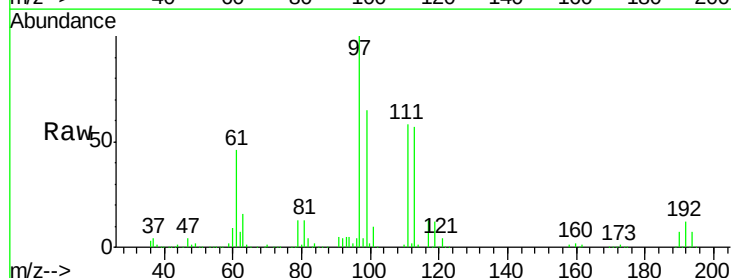
RT: 5.50 min Scan# 806

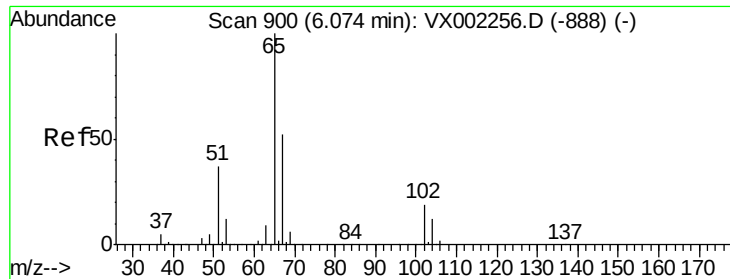
Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion:	97	Resp:	260514
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	46.0	36.4	54.6





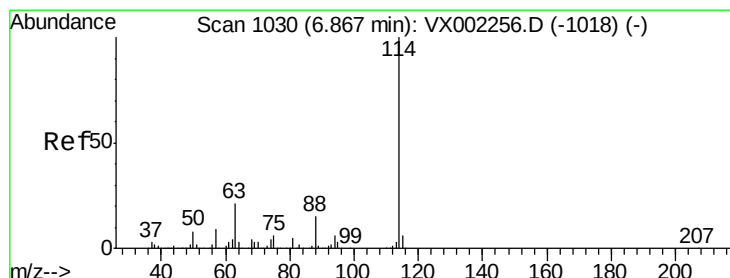
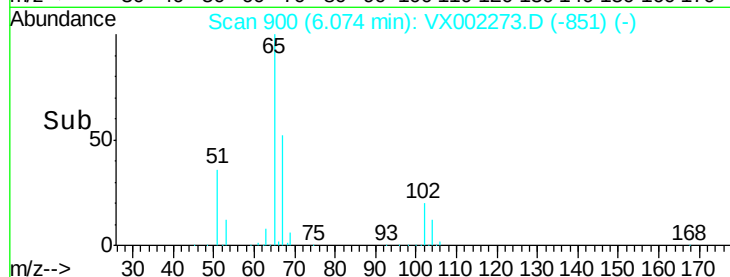
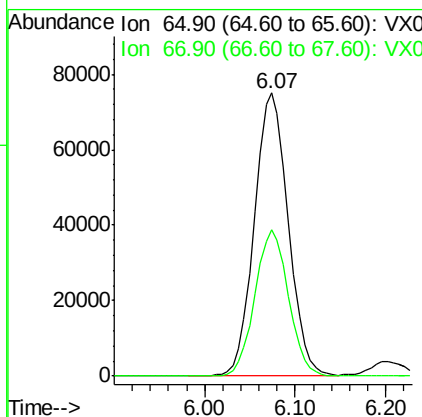
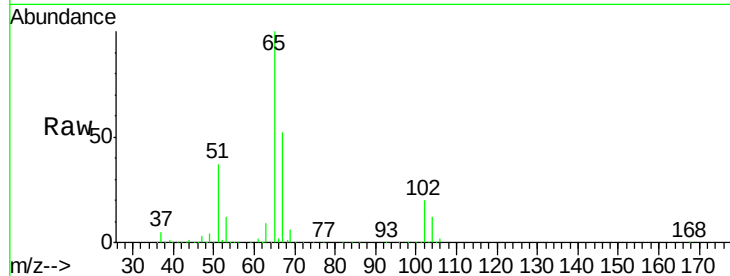
#33
 1,2-Dichloroethane-d4
 Concen: 47.698 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6

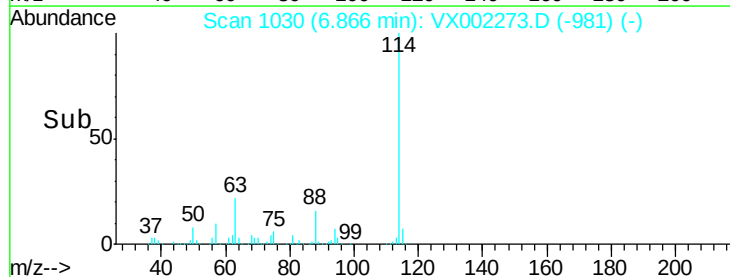
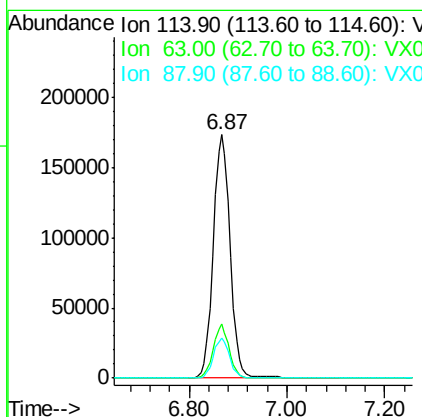
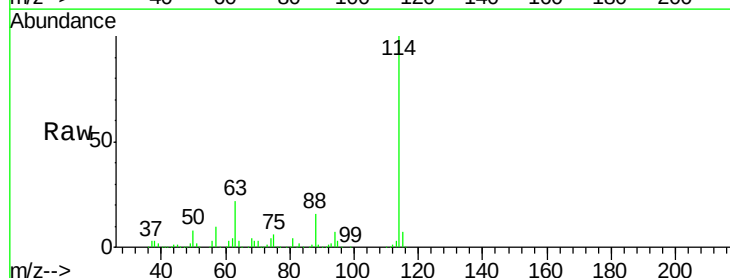
Manual Integrations
 APPROVED

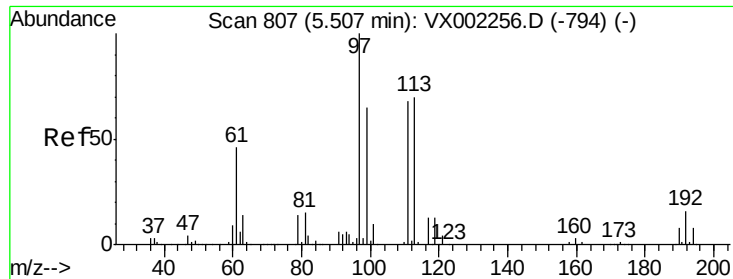
MMDadoda
 6/5/2018 5:56:07 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.4
88	16.2	0.0	30.0





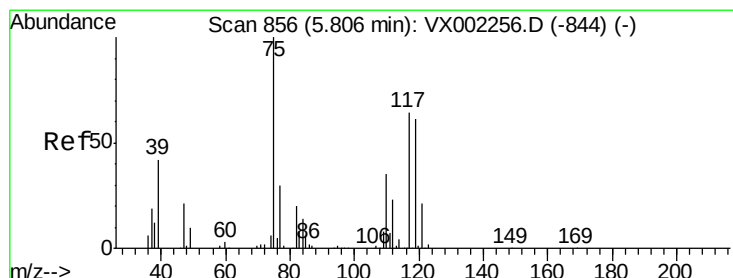
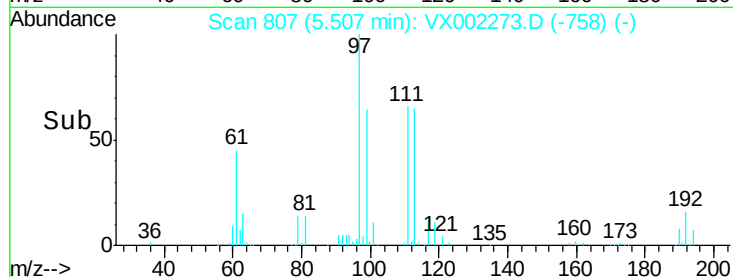
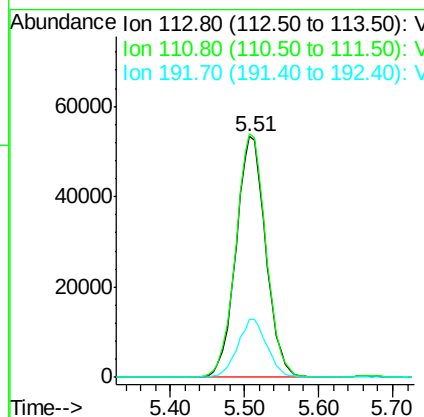
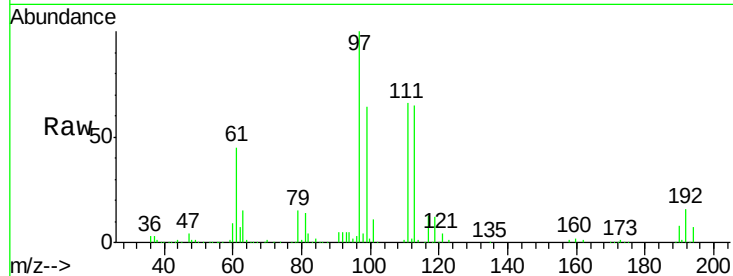
#35
 Dibromofluoromethane
 Concen: 45.733 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149164		
111	102.6	81.4	122.0	
192	23.8	19.1	28.7	

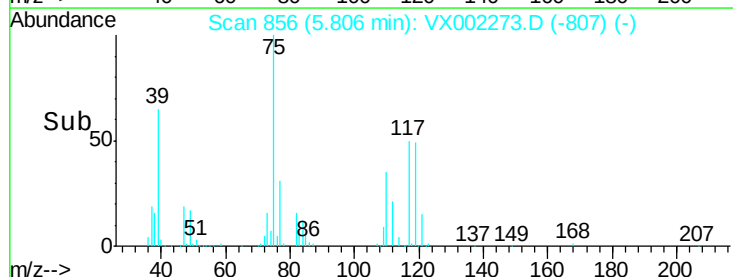
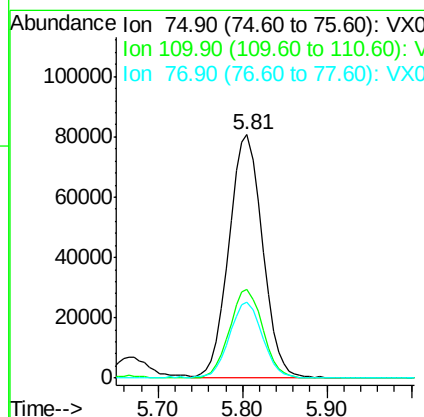
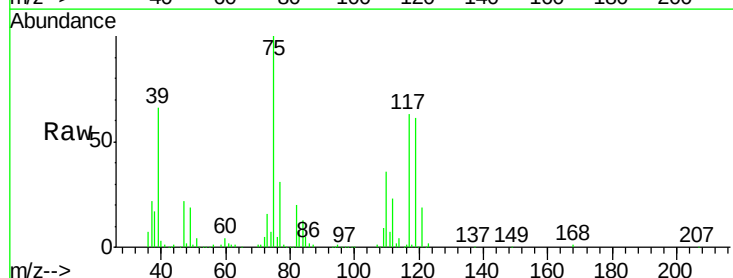
Manual Integrations
 APPROVED

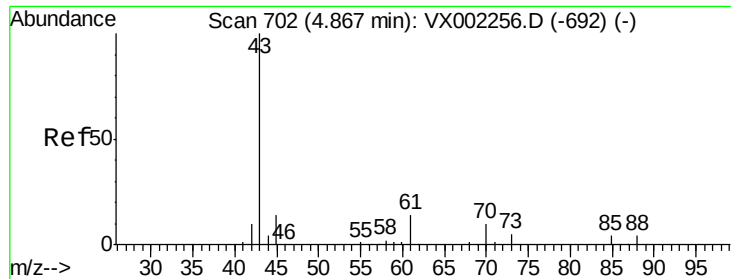
MMDadoda
 6/5/2018 5:56:07 PM



#36
 1,1-Dichloropropene
 Concen: 49.646 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216468		
110	36.3	18.1	54.4	
77	30.6	24.3	36.5	





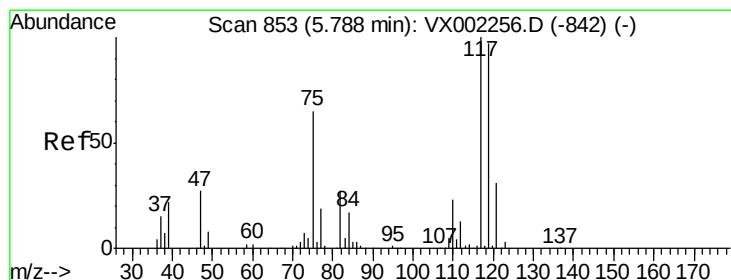
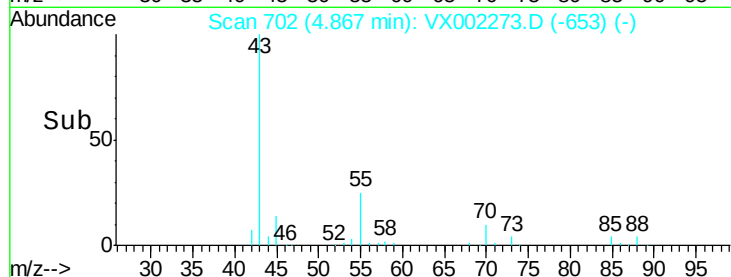
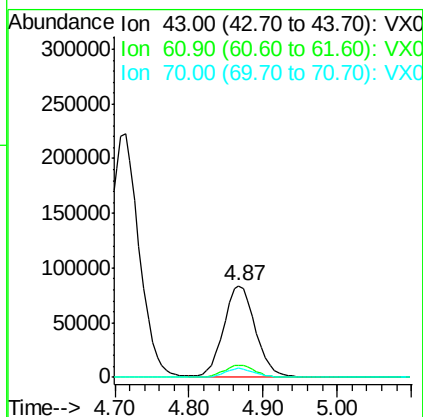
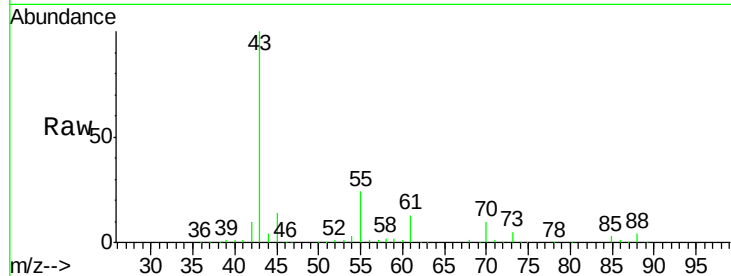
#37
Ethyl Acetate
Concen: 47.278 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.4	15.6
70	9.6	7.6	11.4

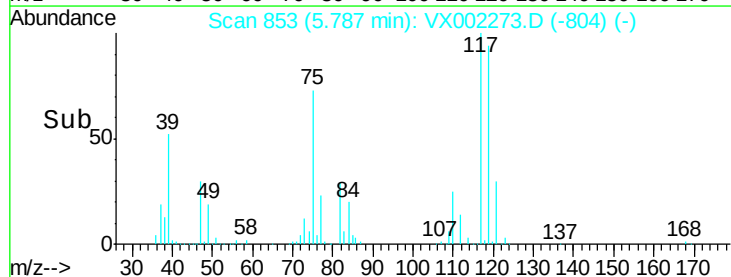
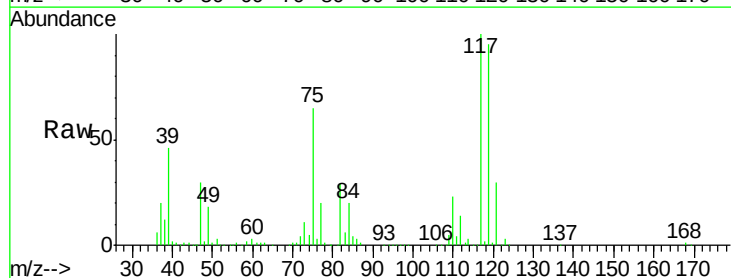
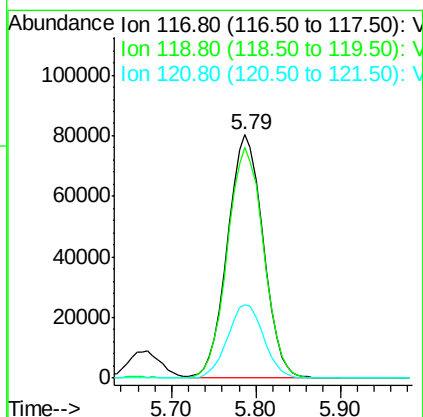
Manual Integrations
APPROVED

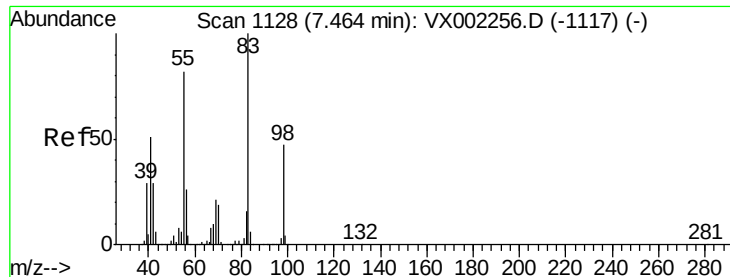
MMDadoda
6/5/2018 5:56:07 PM



#38
Carbon Tetrachloride
Concen: 50.609 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
121	30.0	24.4	36.6





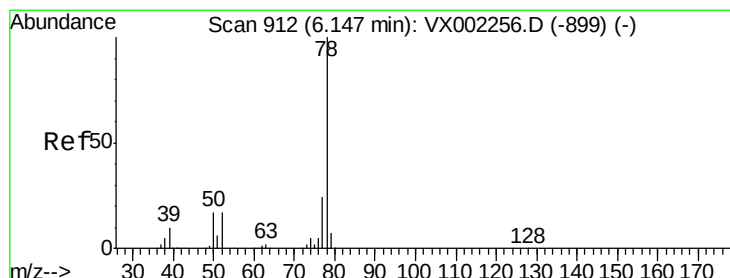
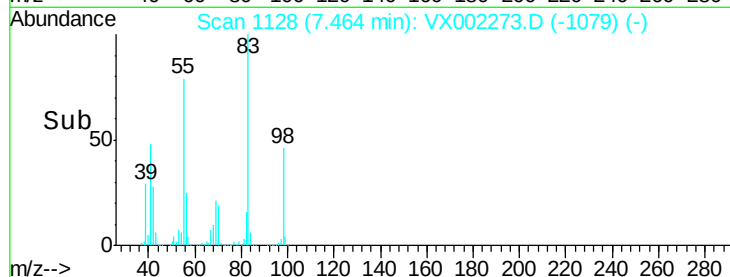
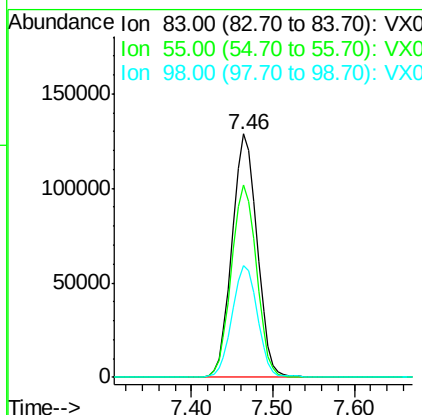
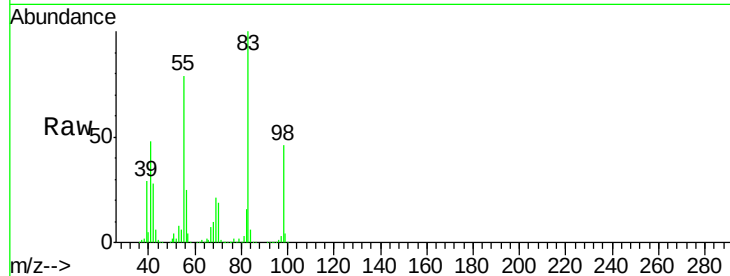
#39
Methylvlcyclohexane
Concen: 50.650 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.4	98.0
98	45.8	37.4	56.0

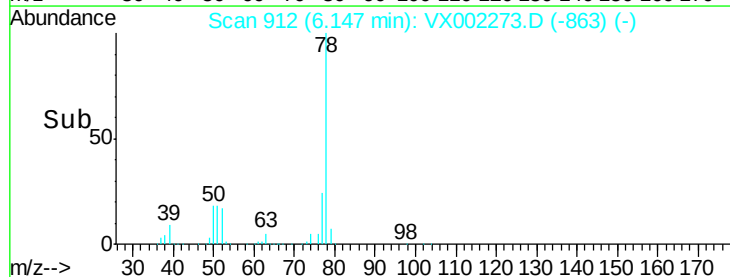
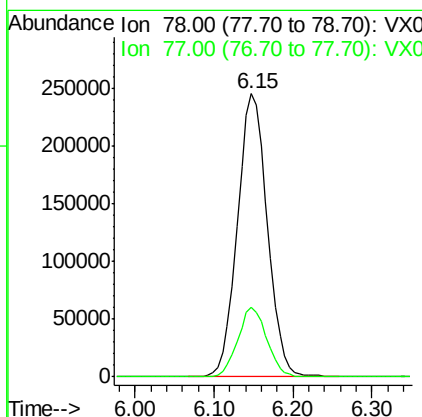
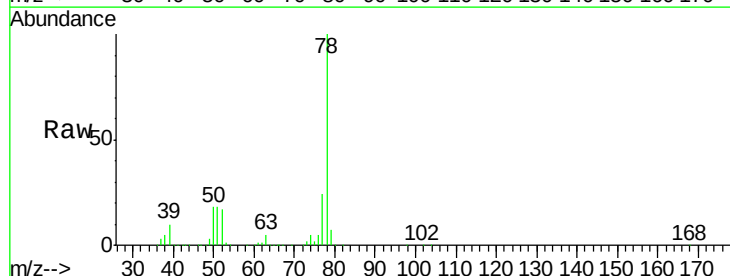
Manual Integrations
APPROVED

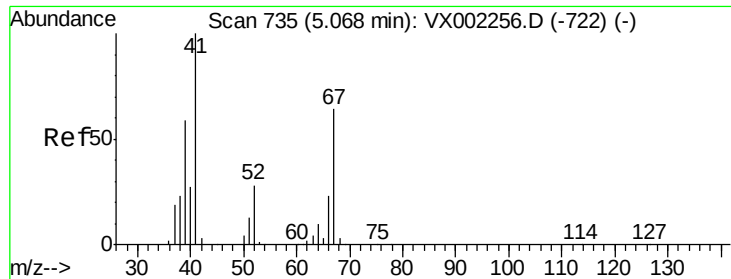
MMDadoda
6/5/2018 5:56:07 PM



#40
Benzene
Concen: 48.391 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





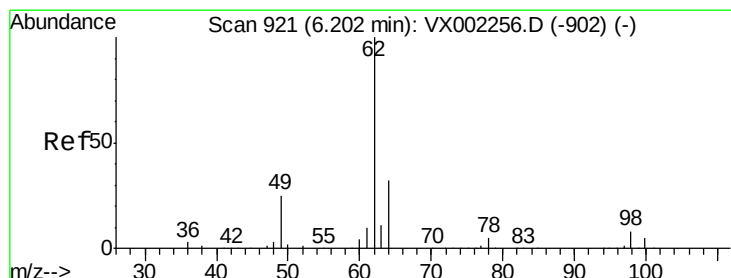
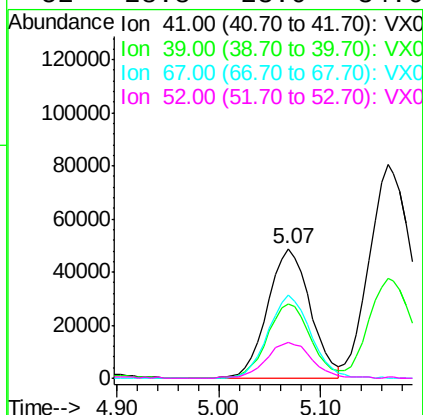
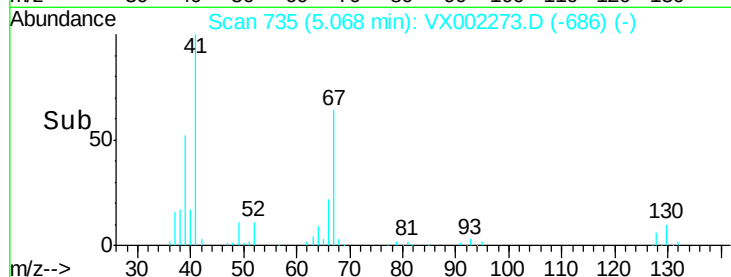
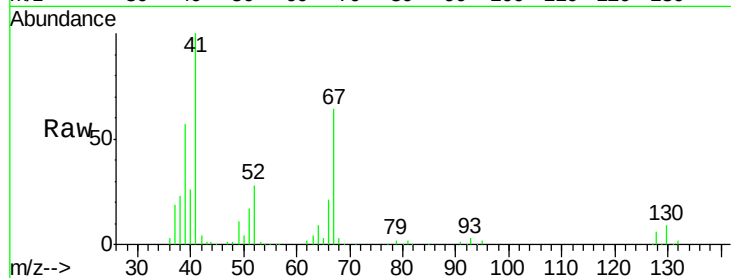
#41
Methacrylonitrile
Concen: 47.116 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.1	45.8	68.6	
67	64.4	51.3	76.9	
52	28.8	23.0	34.6	

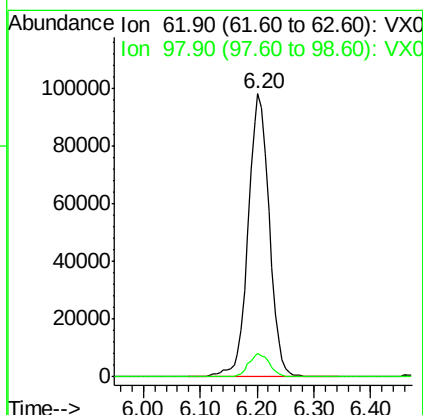
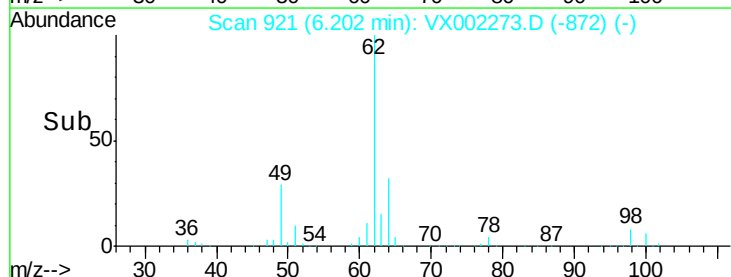
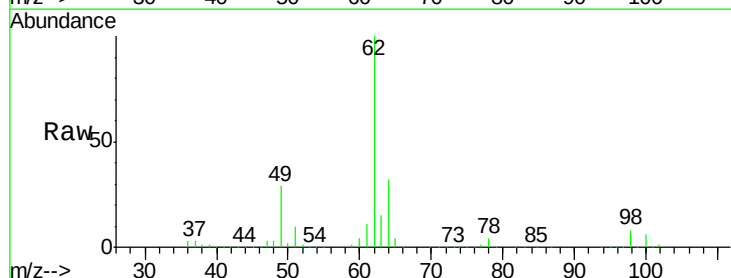
Manual Integrations
APPROVED

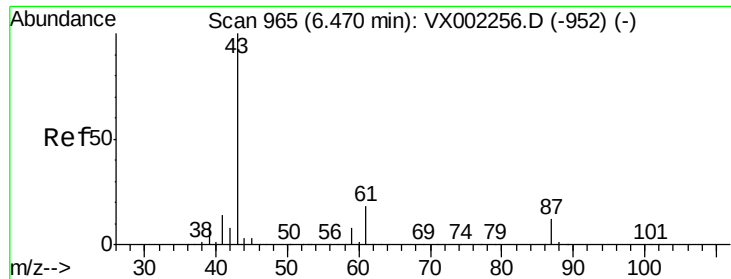
MMDadoda
6/5/2018 5:56:07 PM



#42
1,2-Dichloroethane
Concen: 47.593 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	





#43

Isopropyl Acetate

Concen: 46.883 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

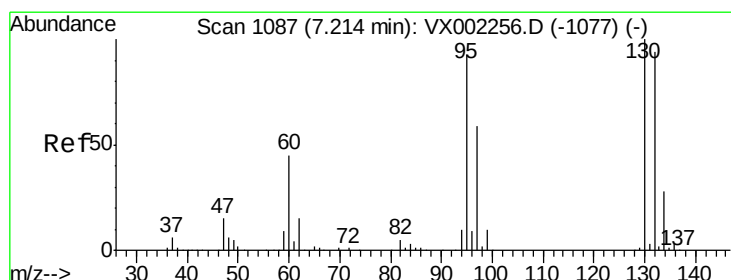
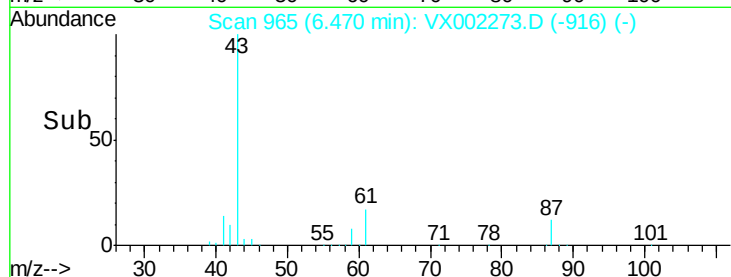
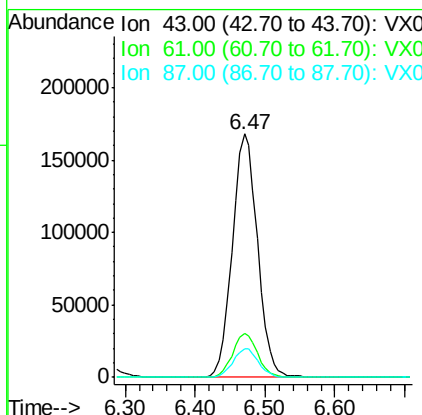
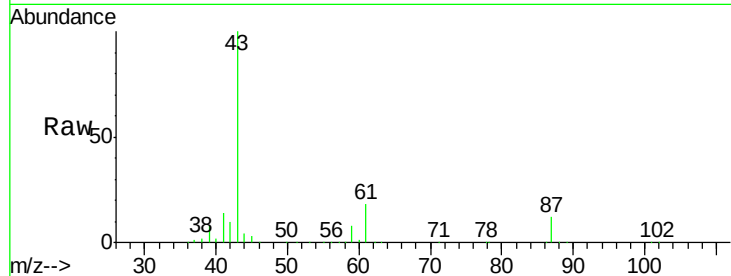
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	417555
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	11.8	9.5	14.3

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#44

Trichloroethene

Concen: 50.256 ug/l

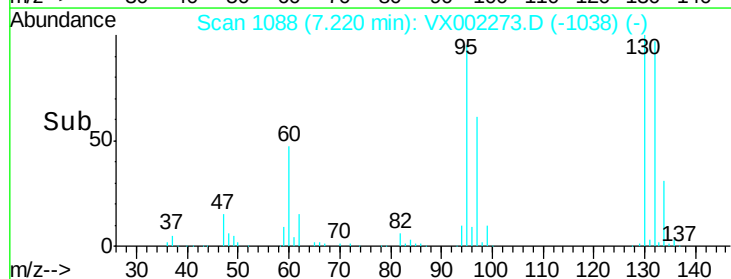
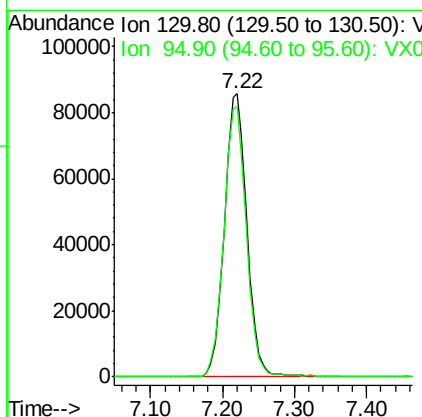
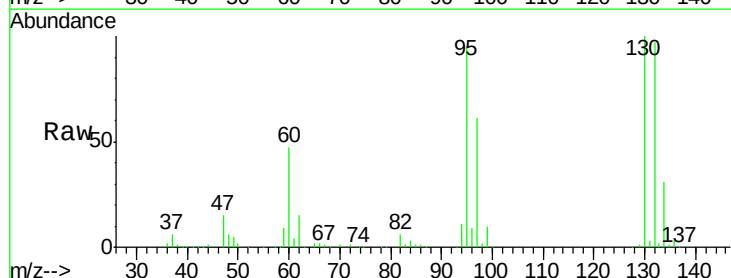
RT: 7.22 min Scan# 1088

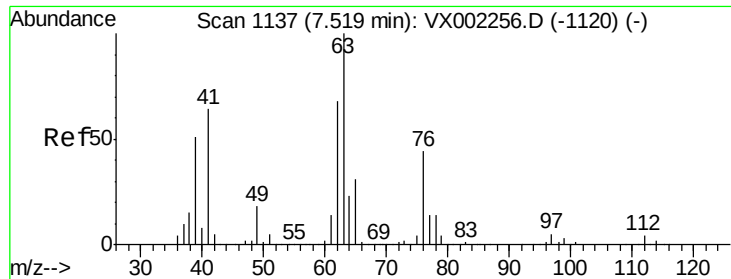
Delta R.T. 0.01 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion:	130	Resp:	186471
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	185.4





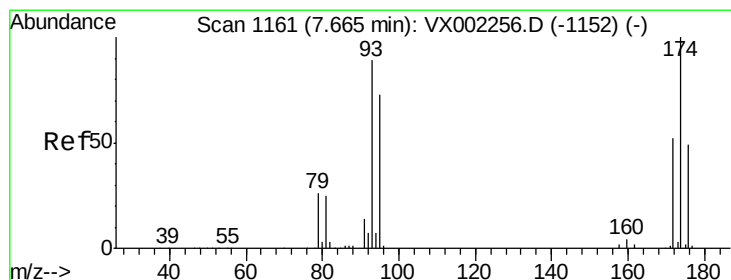
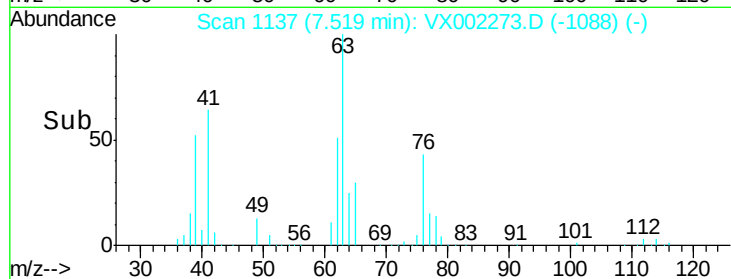
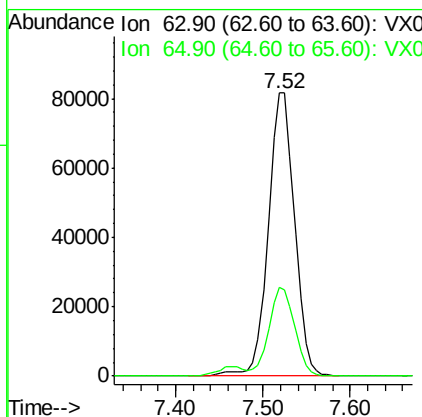
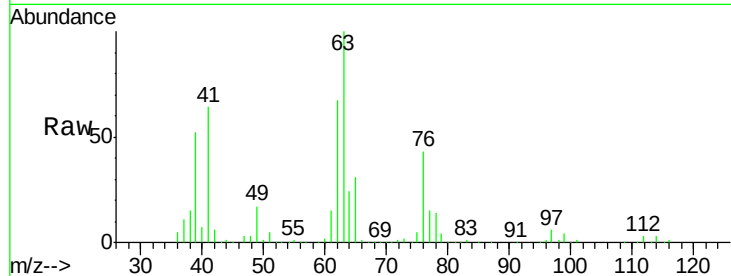
#45
 1,2-Dichloropropane
 Concen: 47.458 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 171285
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1

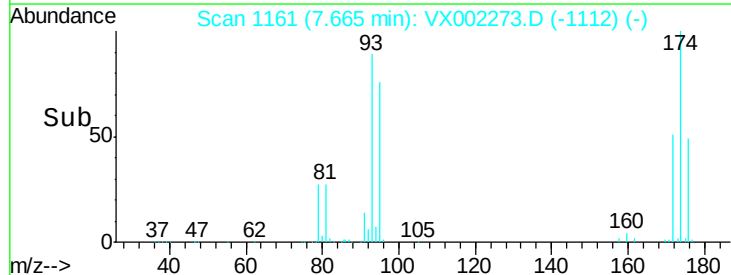
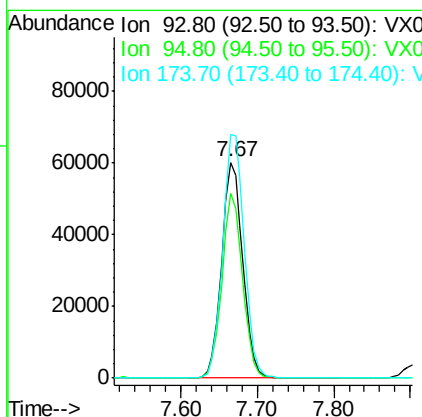
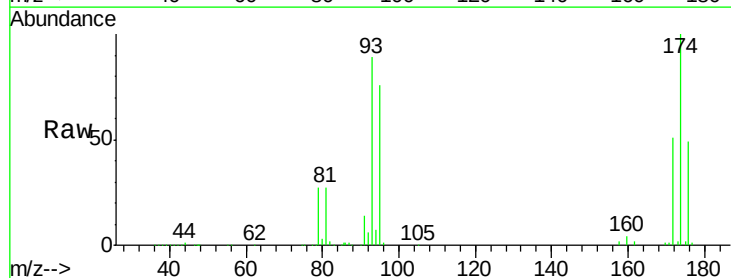
Manual Integrations
 APPROVED

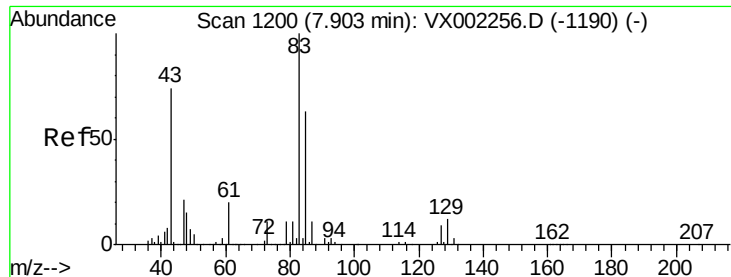
MMDadoda
 6/5/2018 5:56:07 PM



#46
 Dibromomethane
 Concen: 46.945 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion: 93 Resp: 114860
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 114.8 92.4 138.6





#47

Bromodichloromethane

Concen: 48.257 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

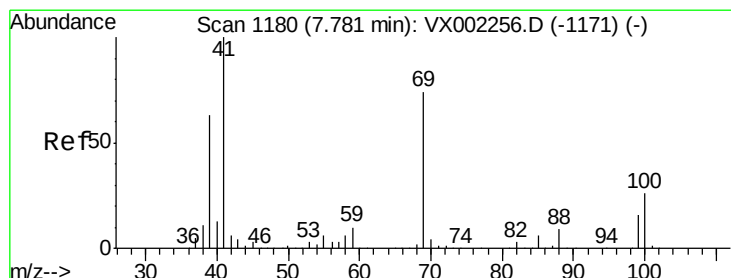
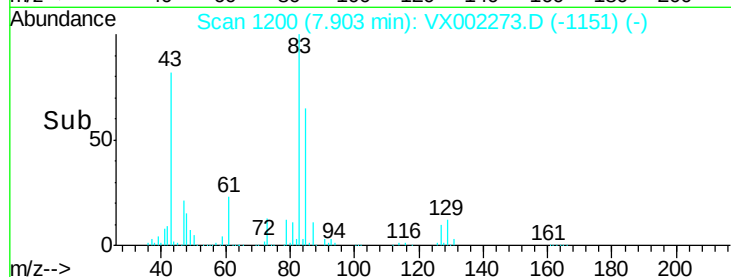
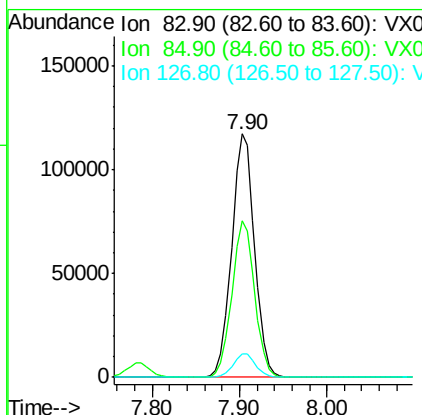
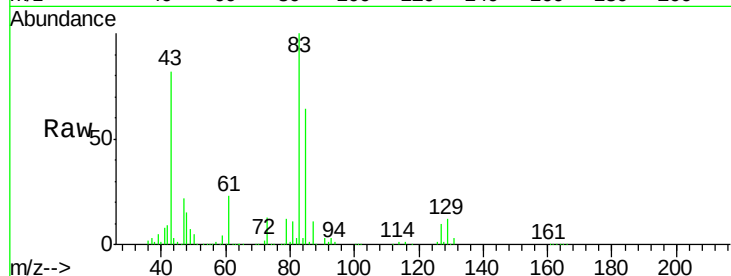
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	213538
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.3	75.5
127	9.6	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#48

Methyl methacrylate

Concen: 47.537 ug/l

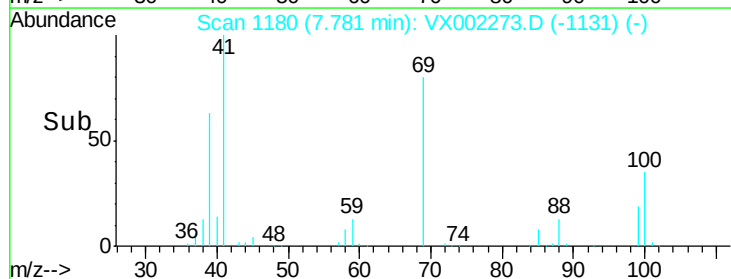
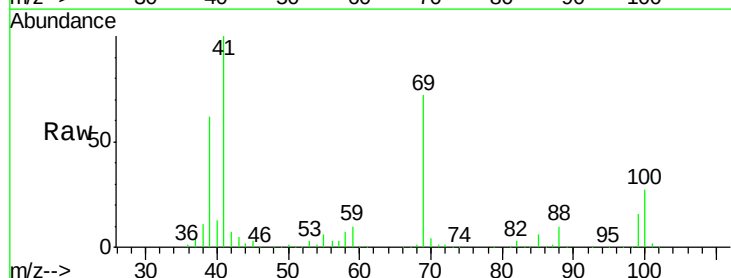
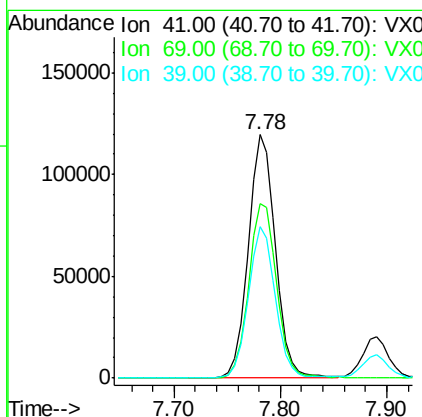
RT: 7.78 min Scan# 1180

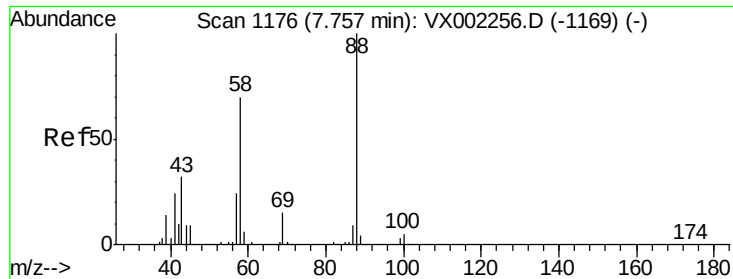
Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion:	41	Resp:	212667
Ion	Ratio	Lower	Upper
41	100		
69	74.9	59.1	88.7
39	61.9	48.9	73.3





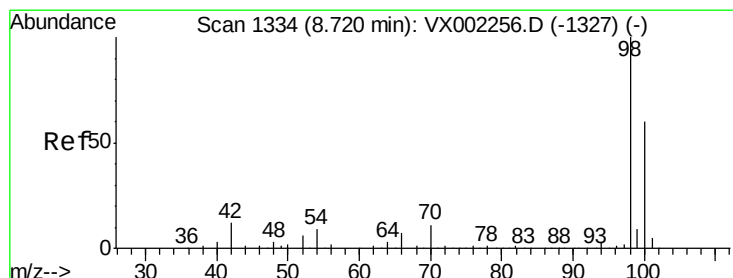
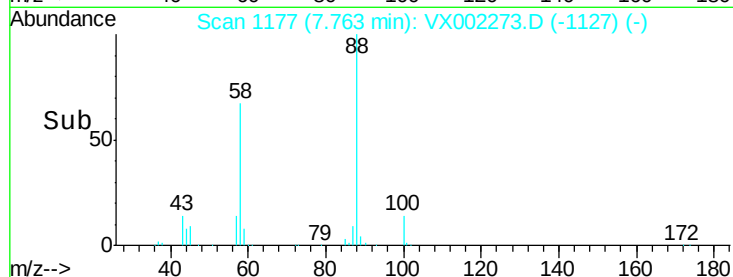
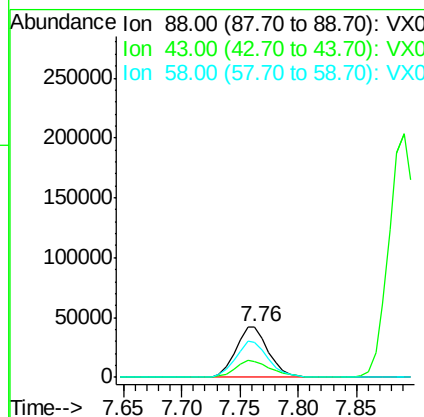
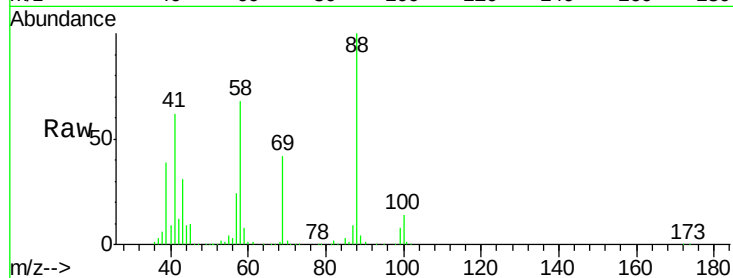
#49
1,4-Dioxane
Concen: 972.009 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.8	44.6
58	71.6	57.1	85.7

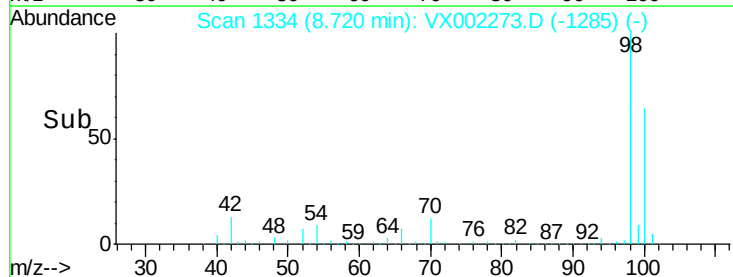
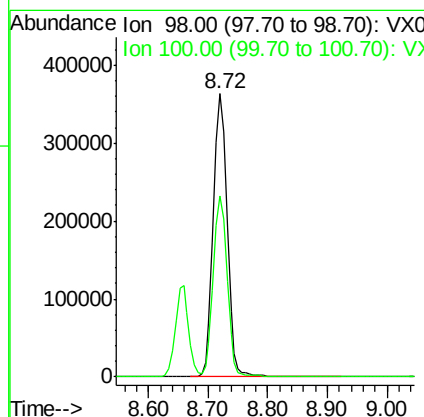
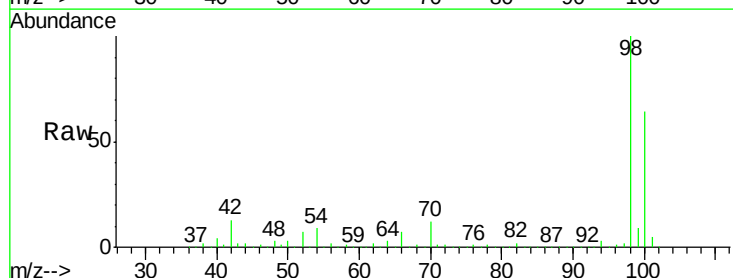
Manual Integrations
APPROVED

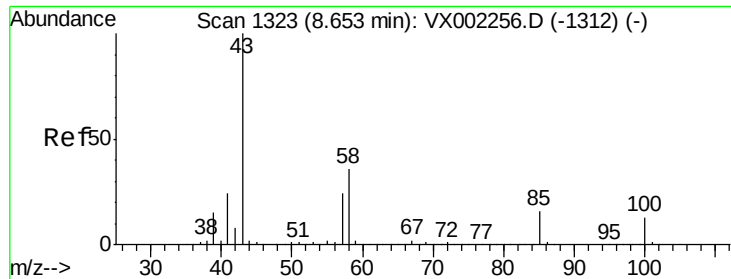
MMDadoda
6/5/2018 5:56:07 PM



#50
Toluene-d8
Concen: 46.520 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 244.030 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1353487

Ion Ratio Lower Upper

43 100

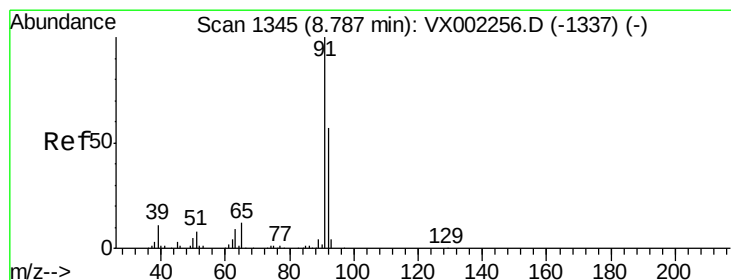
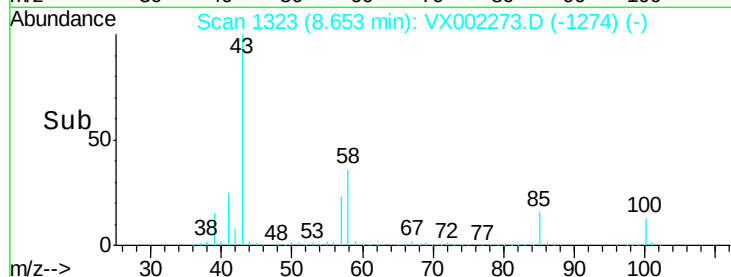
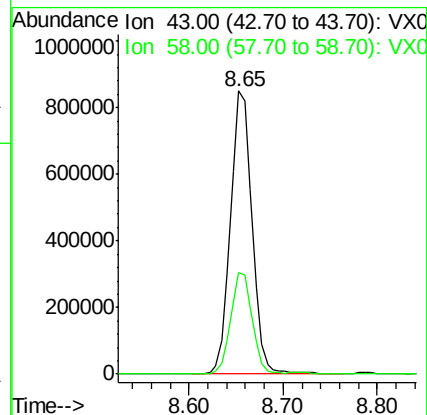
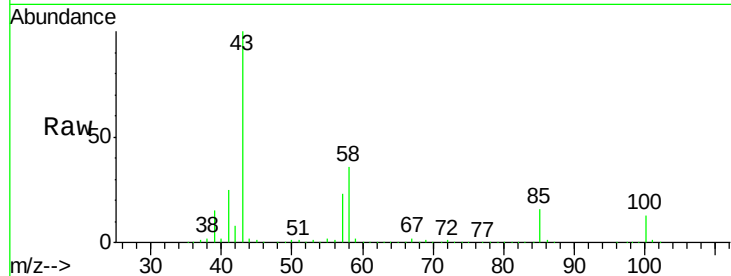
58 35.7 28.6 42.8

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#52

Toluene

Concen: 50.019 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002273.D

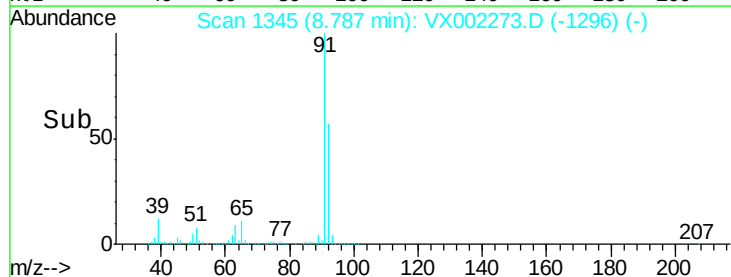
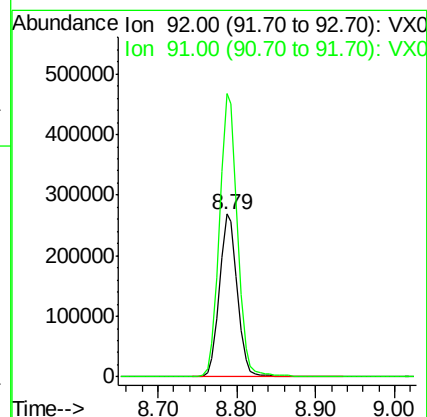
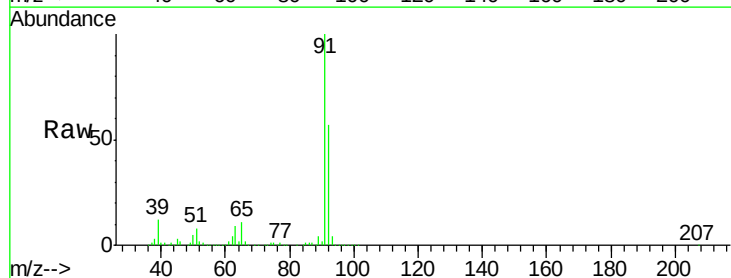
Acq: 04 Jun 2018 21:00

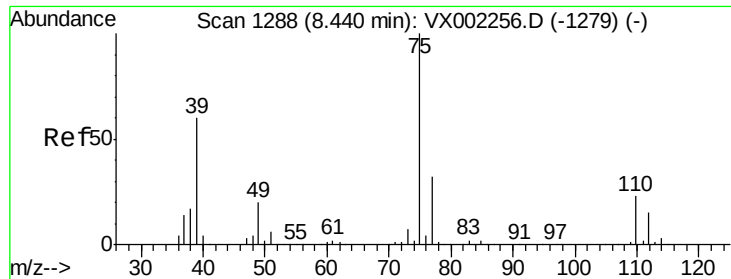
Tgt Ion: 92 Resp: 425309

Ion Ratio Lower Upper

92 100

91 174.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 48.709 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tot Ion: 75 Resp: 258476

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

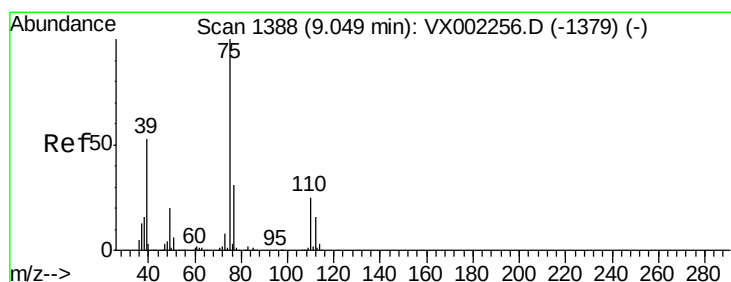
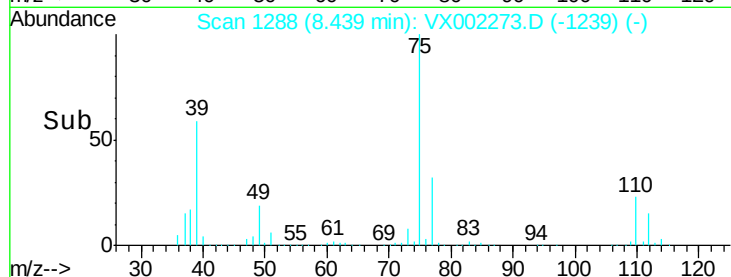
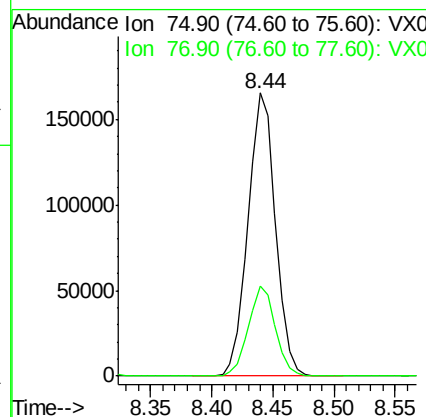
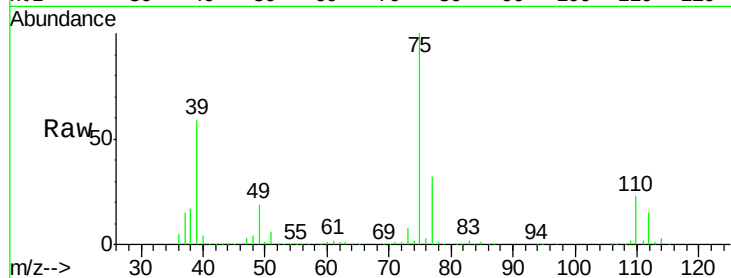
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#54

cis-1,3-Dichloropropene

Concen: 48.150 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

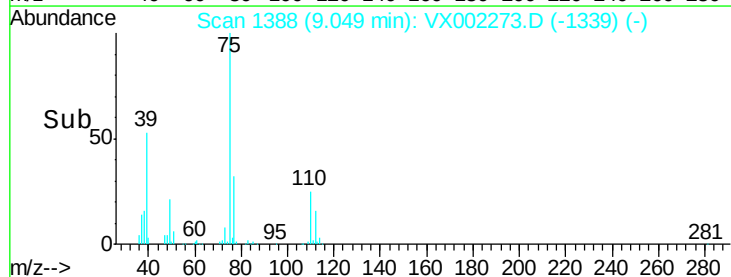
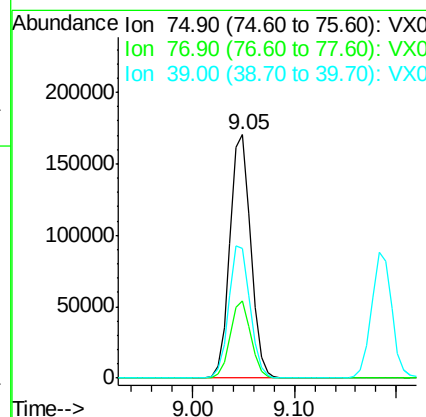
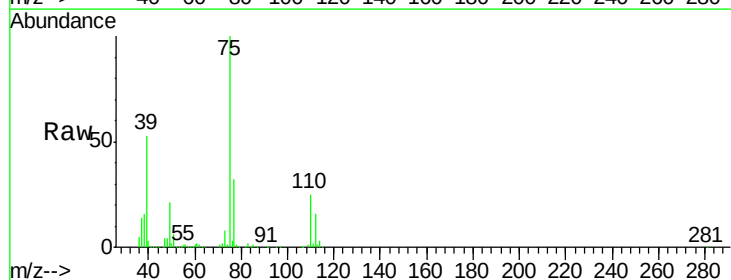
Tgt Ion: 75 Resp: 241062

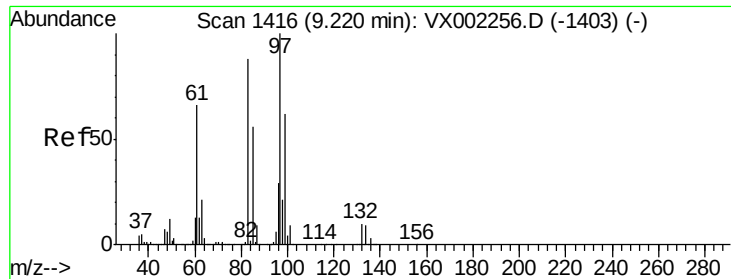
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 53.4 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 48.296 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

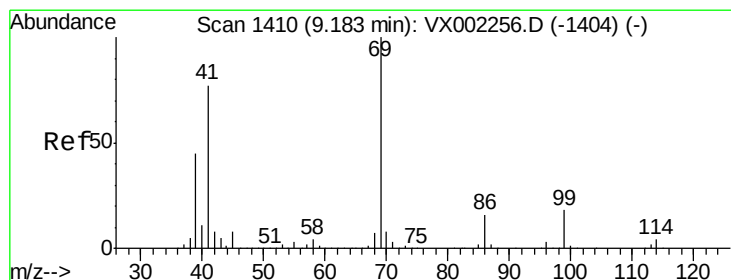
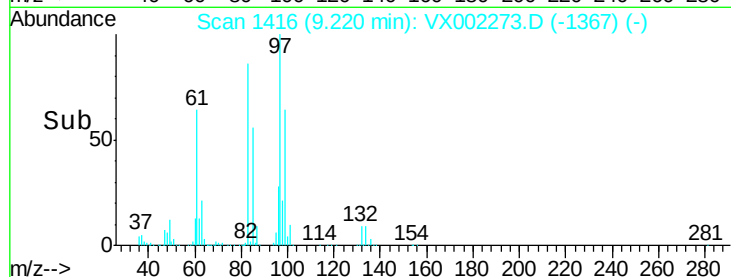
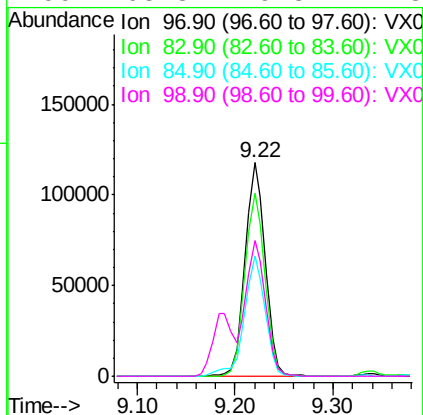
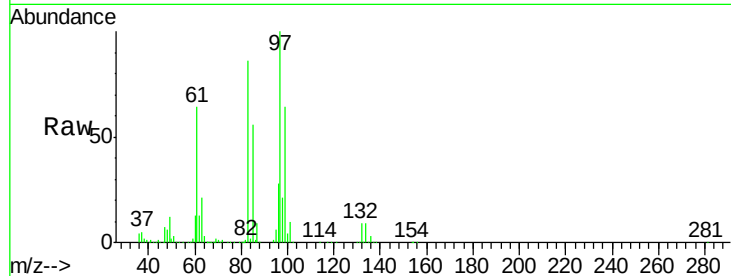
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	168901
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	56.1	44.9	67.3
99	63.8	49.8	74.8

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#56

Ethyl methacrylate

Concen: 47.844 ug/l

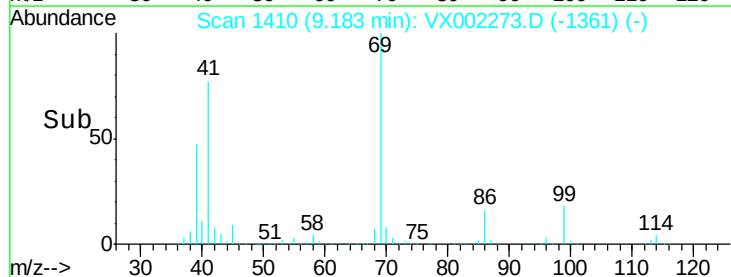
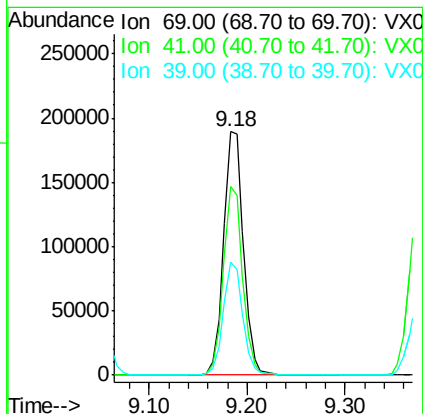
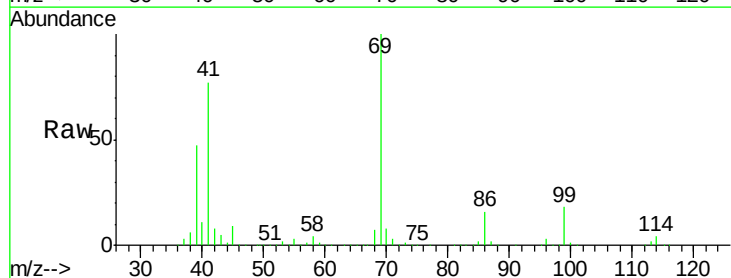
RT: 9.18 min Scan# 1410

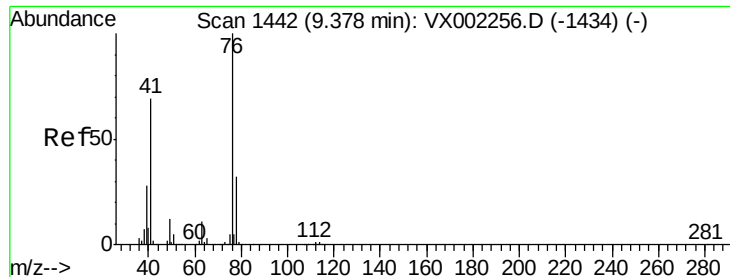
Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion:	69	Resp:	267133
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.3	90.5
39	45.4	35.8	53.8





#57

1,3-Dichloropropane

Concen: 47.948 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 281309

Ion Ratio Lower Upper

76 100

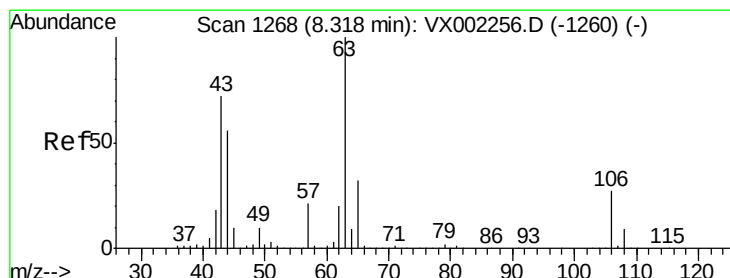
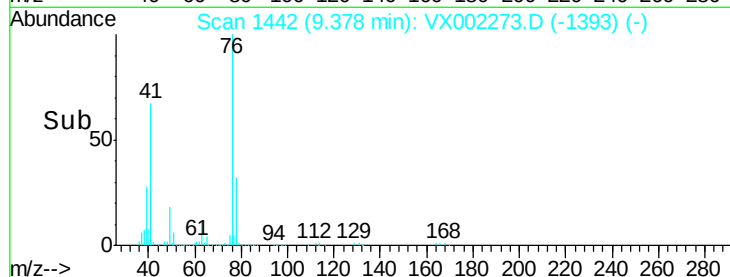
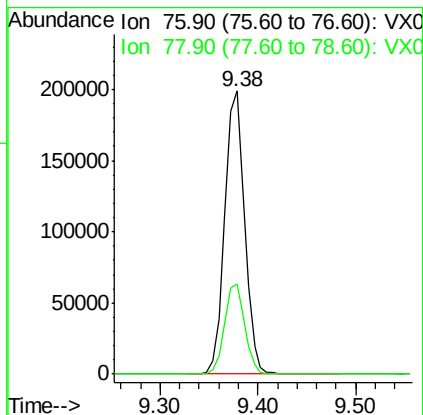
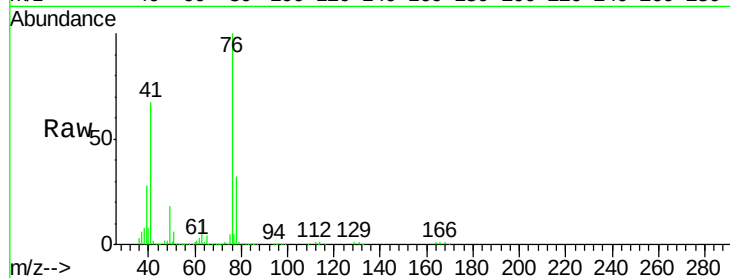
78 32.3 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#58

2-Chloroethyl Vinyl ether

Concen: 243.455 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002273.D

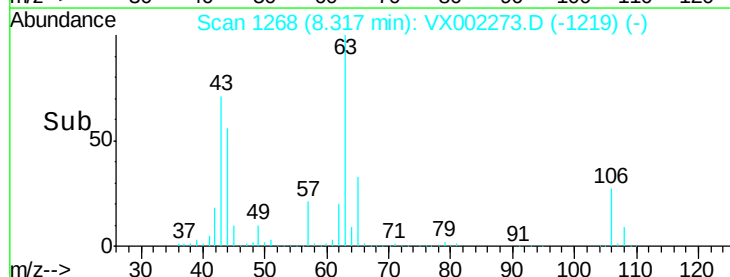
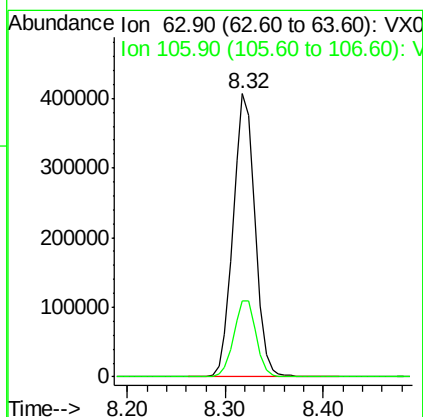
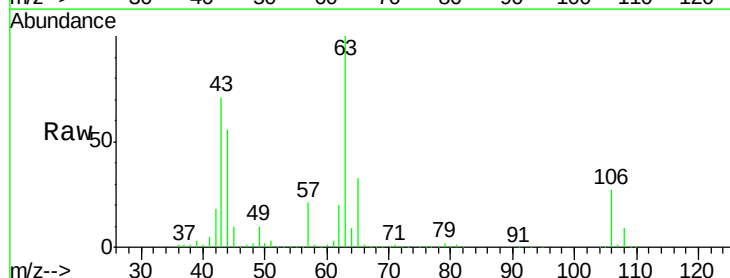
Acq: 04 Jun 2018 21:00

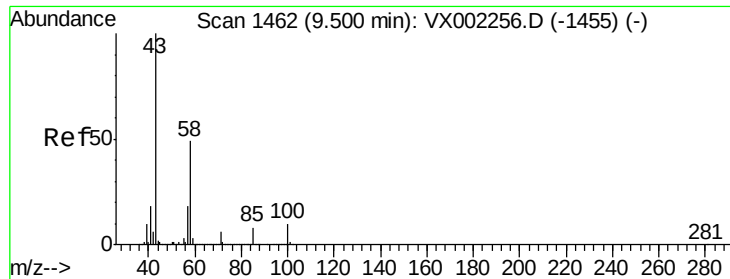
Tgt Ion: 63 Resp: 629135

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8





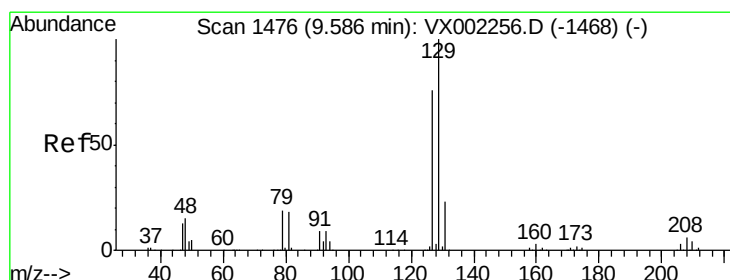
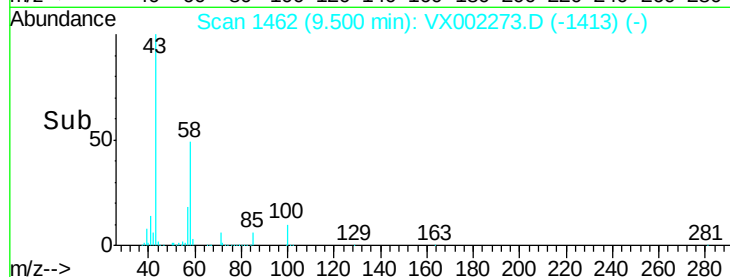
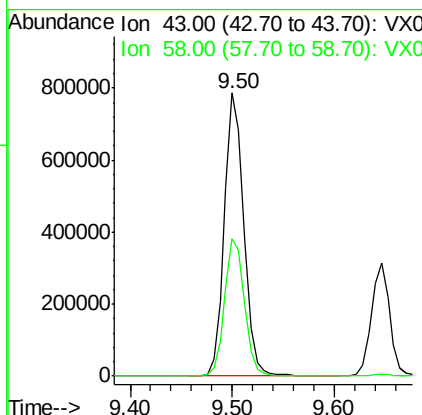
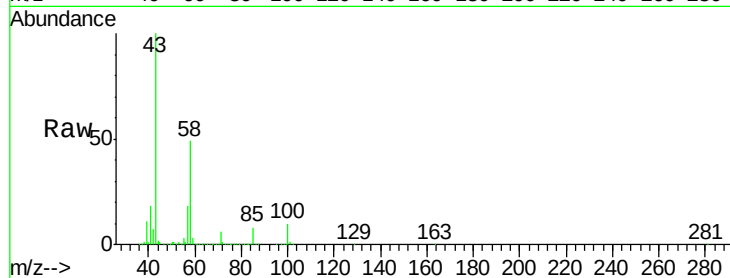
#59
2-Hexanone
Concen: 243.181 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1041800
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6

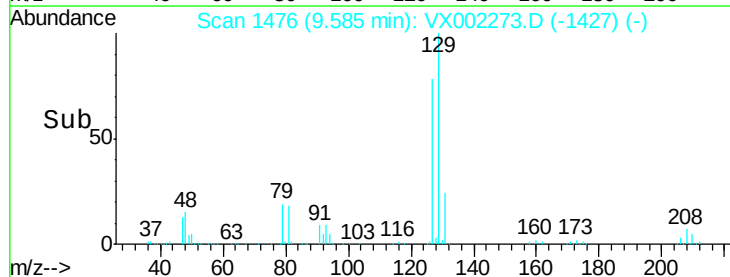
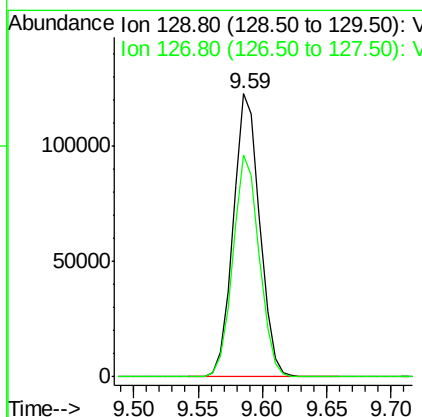
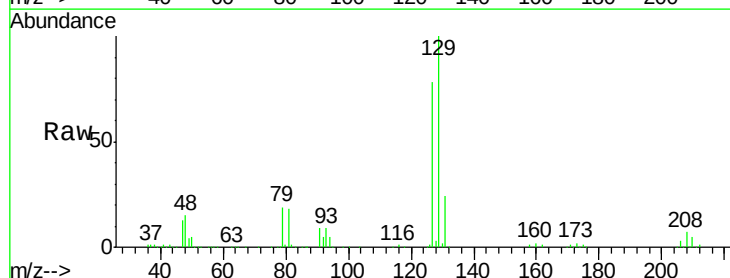
Manual Integrations
APPROVED

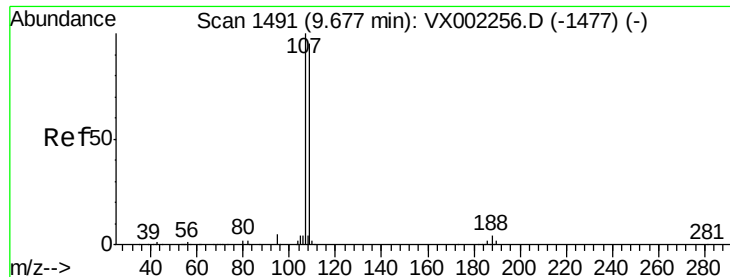
MMDadoda
6/5/2018 5:56:07 PM



#60
Dibromochloromethane
Concen: 49.941 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 129 Resp: 175675
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.544 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 180659

Ion Ratio Lower Upper

107 100

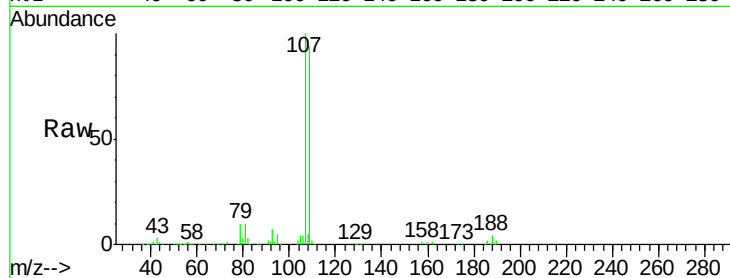
109 93.5 75.3 112.9

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

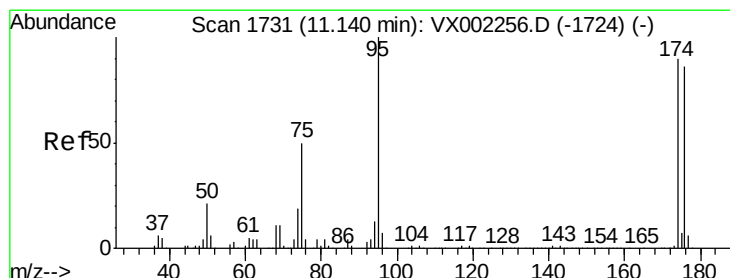
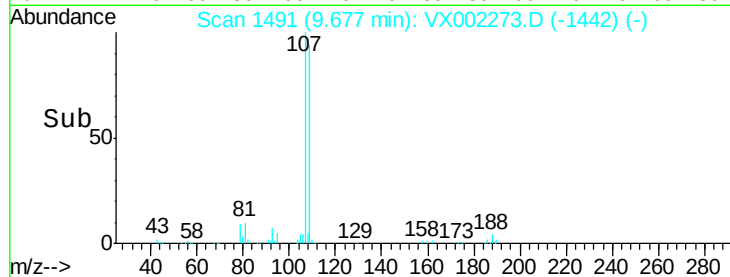
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.503 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

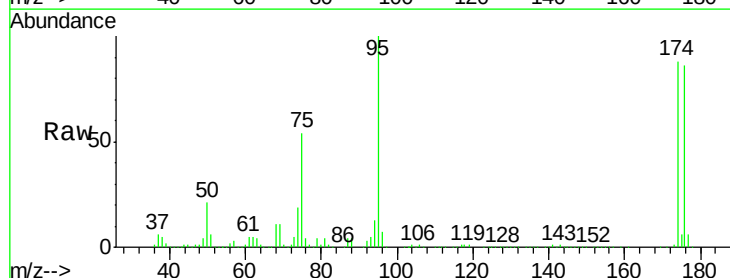
Tgt Ion: 95 Resp: 224180

Ion Ratio Lower Upper

95 100

174 95.5 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

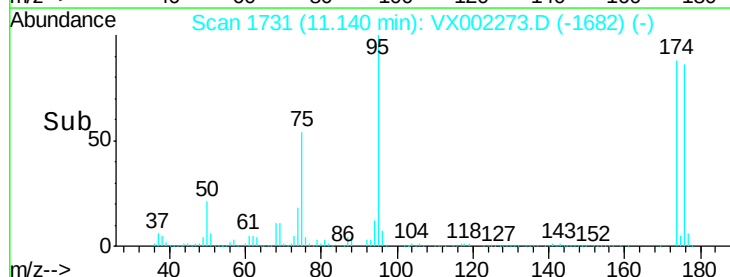
150000

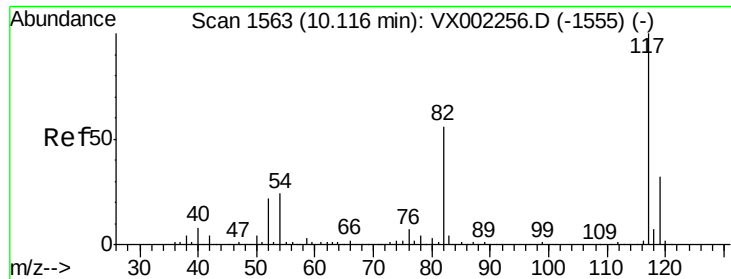
100000

50000

0

Time-->





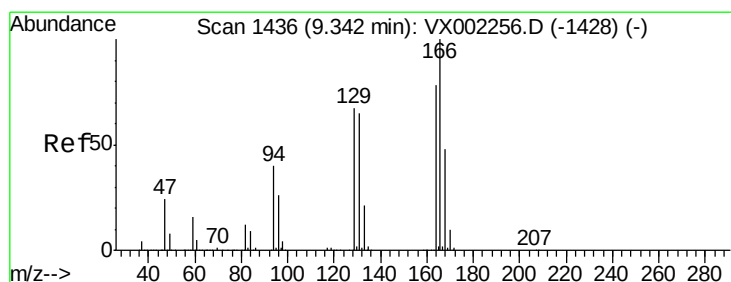
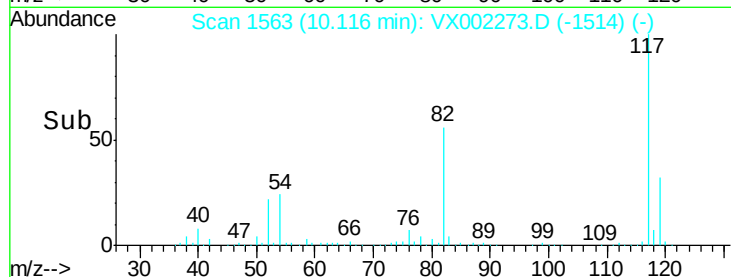
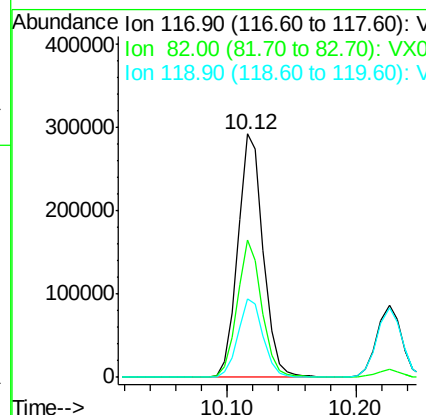
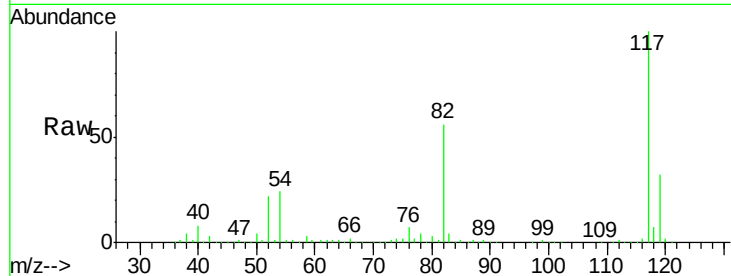
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.0	67.4
119	32.3	25.8	38.6

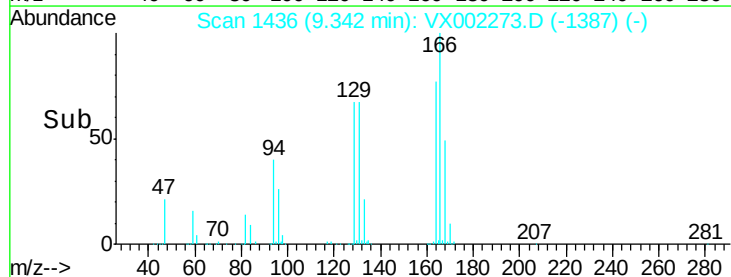
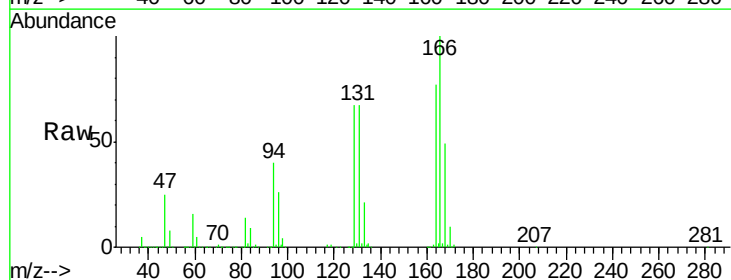
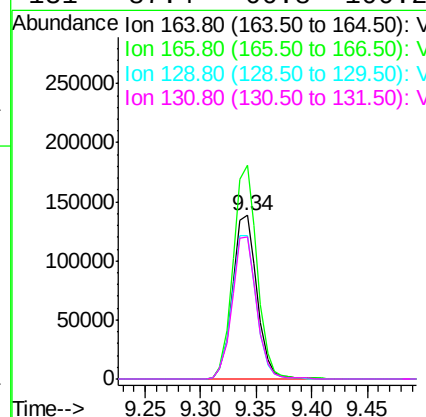
Manual Integrations
APPROVED

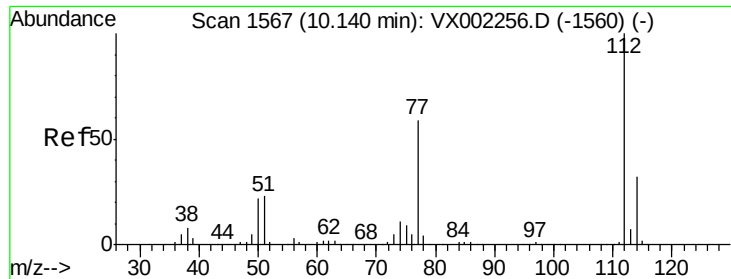
MMDadoda
6/5/2018 5:56:07 PM



#64
Tetrachloroethene
Concen: 50.789 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	102.9	154.3
129	87.8	68.6	102.8
131	87.4	66.8	100.2





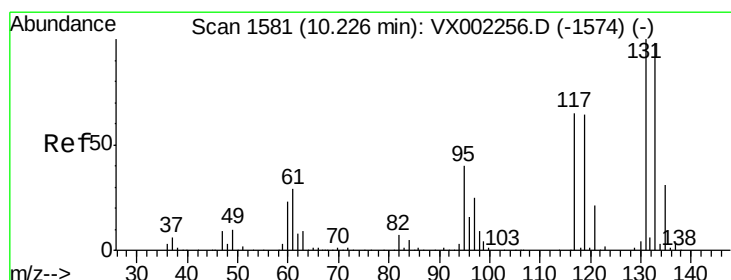
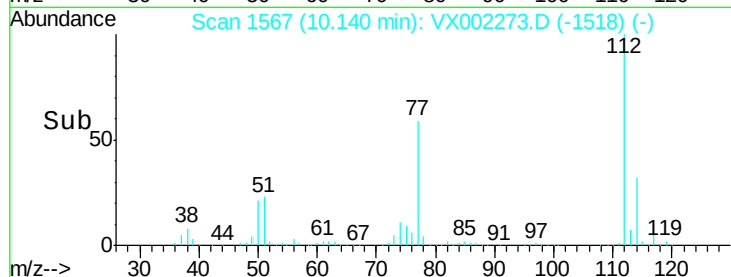
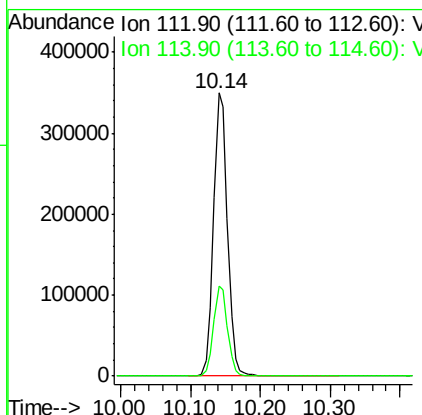
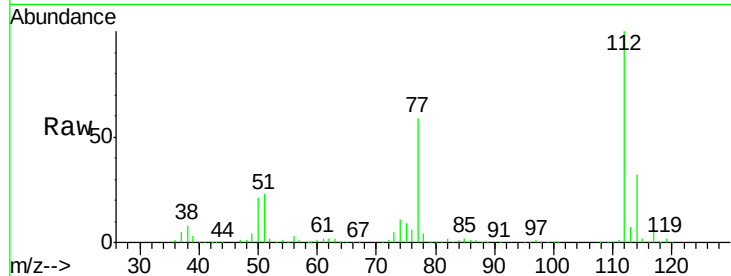
#65
Chlorobenzene
Concen: 48.619 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 484343
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

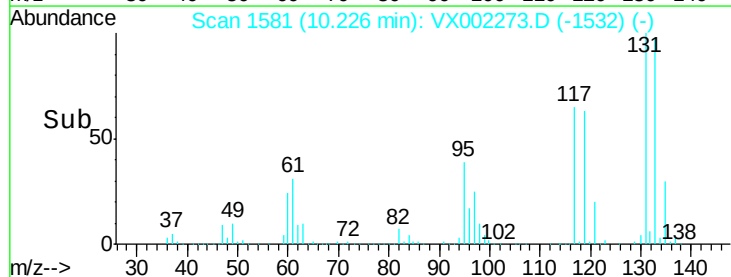
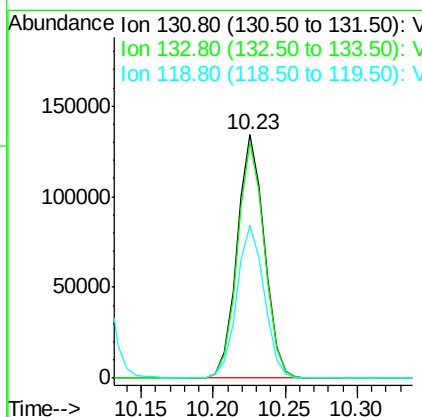
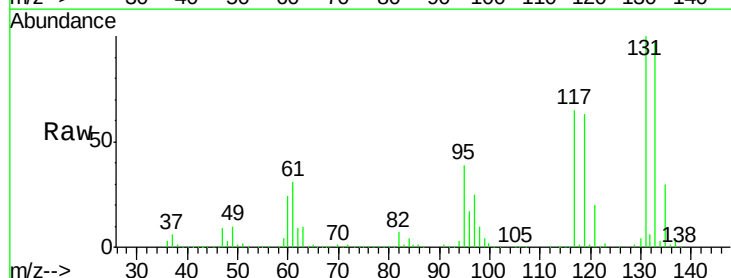
Manual Integrations
APPROVED

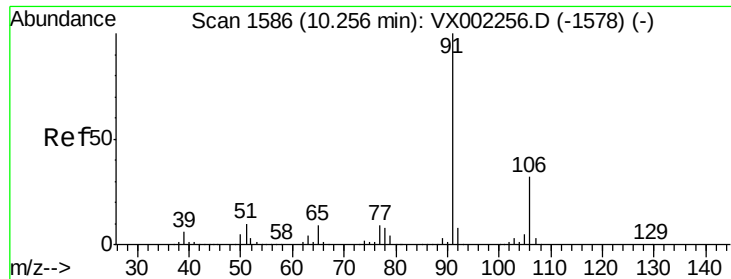
MMDadoda
6/5/2018 5:56:07 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.730 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion:131 Resp: 175779
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 63.5 31.8 95.3





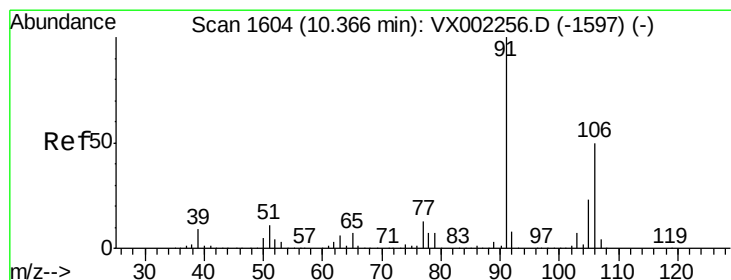
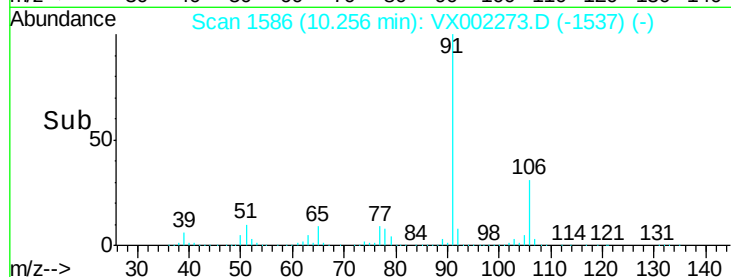
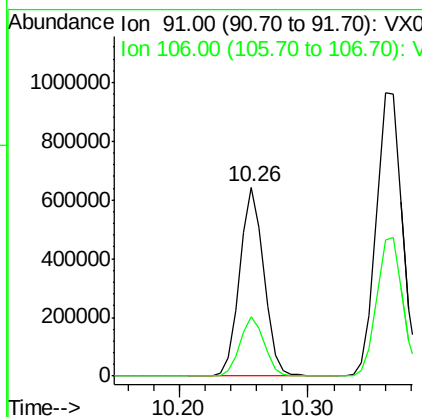
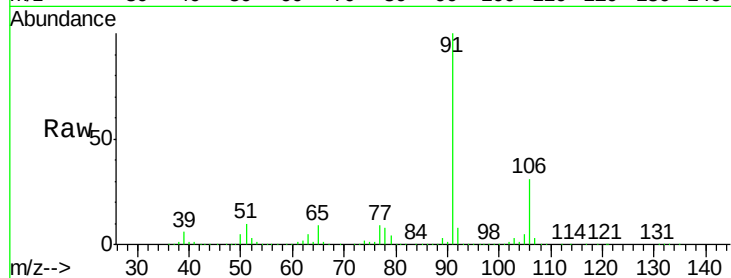
#67
Ethyl Benzene
Concen: 50.166 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 836354
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

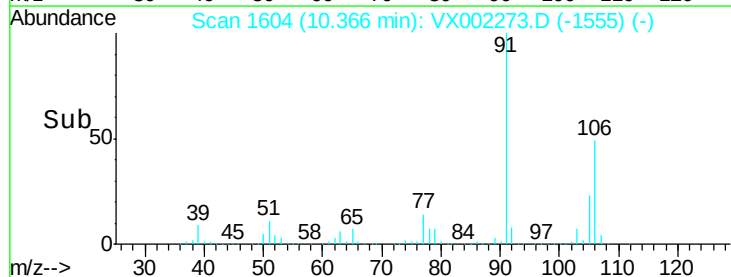
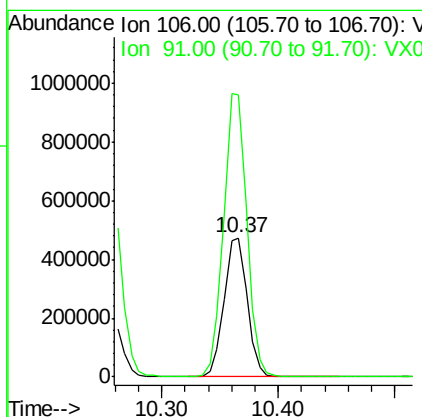
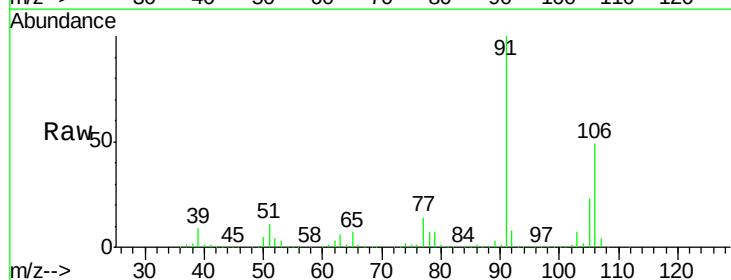
Manual Integrations
APPROVED

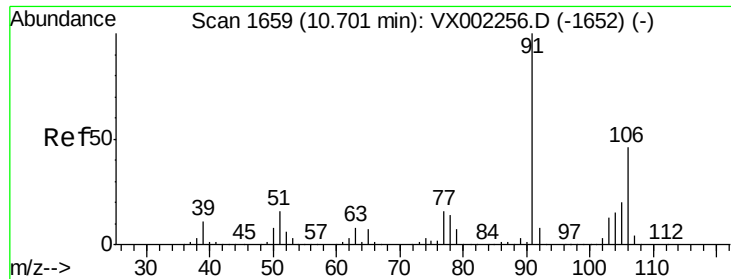
MMDadoda
6/5/2018 5:56:07 PM



#68
m/p-Xylenes
Concen: 100.365 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 106 Resp: 650440
Ion Ratio Lower Upper
106 100
91 205.4 163.4 245.2





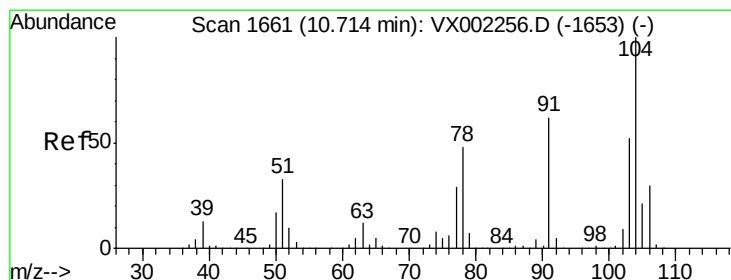
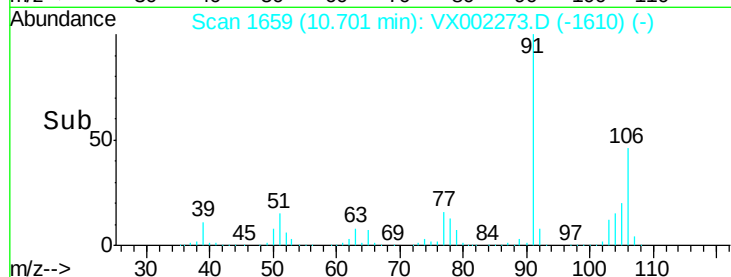
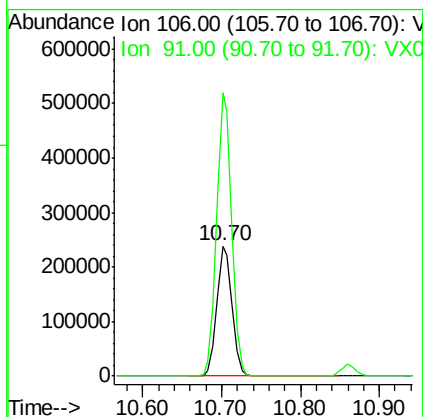
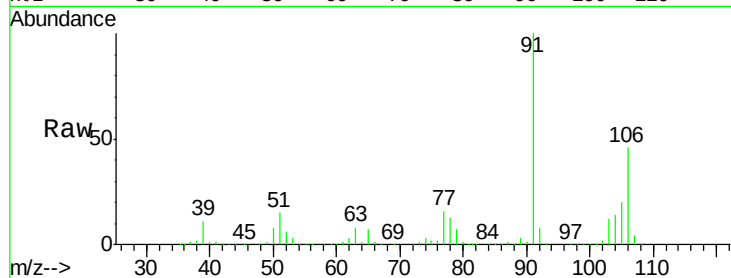
#69
o-Xylene
Concen: 49.577 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 319738
Ion Ratio Lower Upper
106 100
91 216.2 108.2 324.6

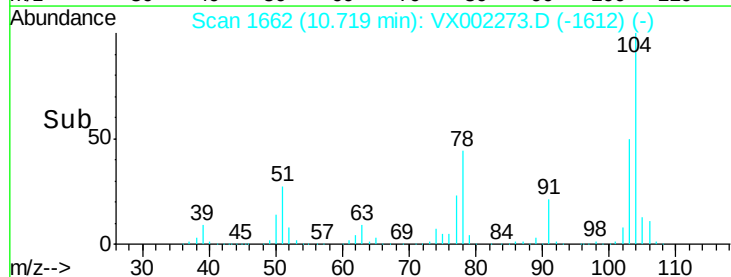
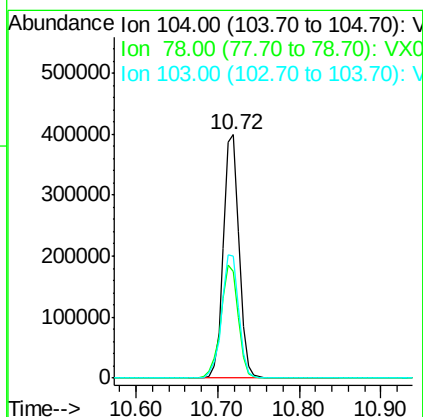
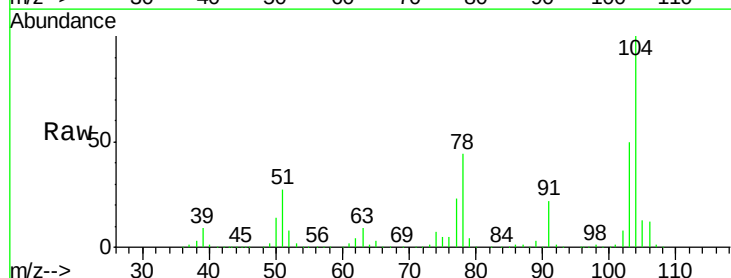
Manual Integrations
APPROVED

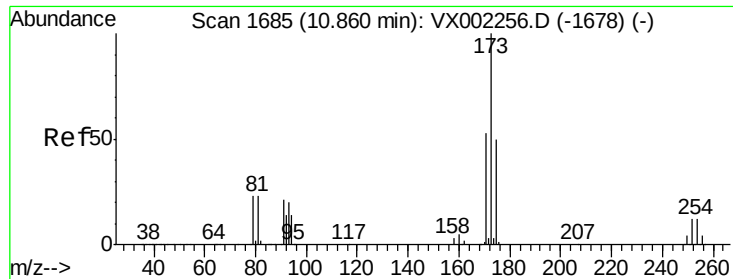
MMDadoda
6/5/2018 5:56:07 PM



#70
Styrene
Concen: 50.649 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion:104 Resp: 534005
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.6
103 55.5 44.2 66.4





#71

Bromoform

Concen: 43.184 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

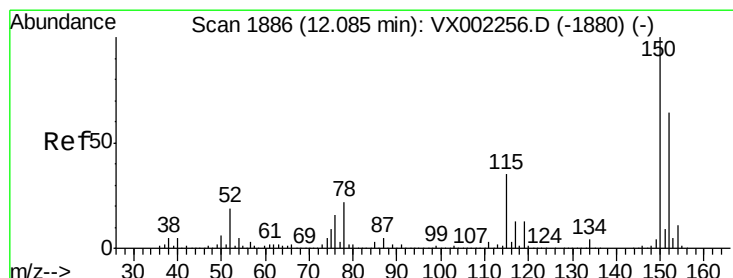
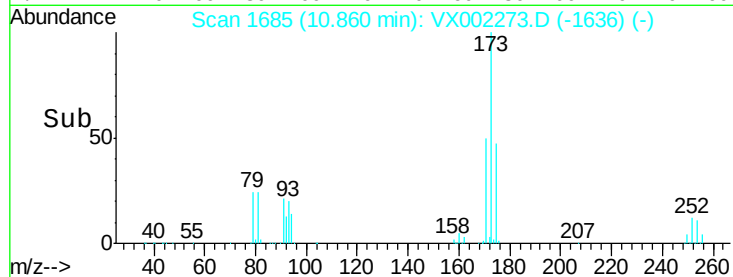
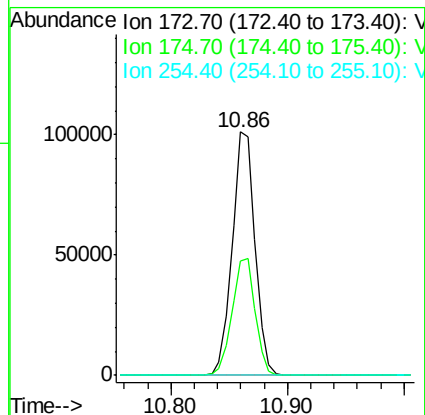
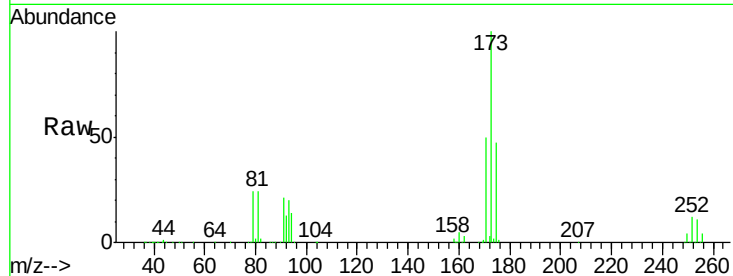
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

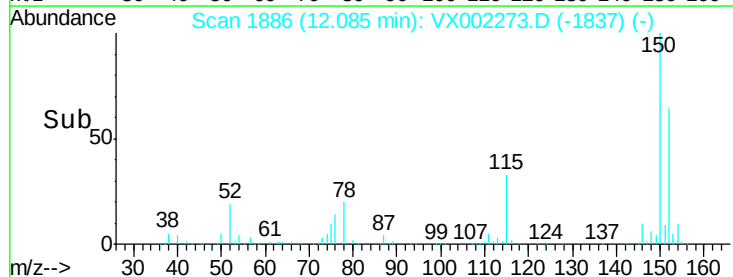
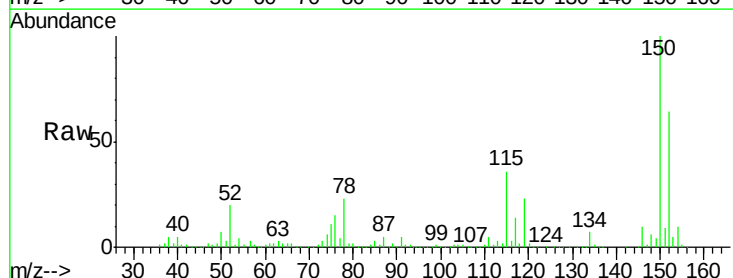
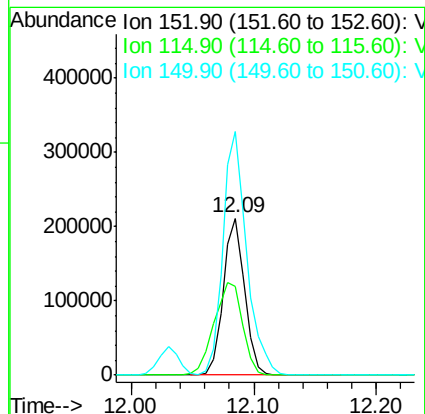
RT: 12.09 min Scan# 1886

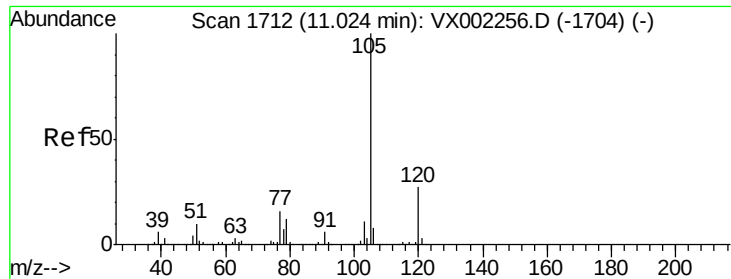
Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	40.1	120.2
150	173.7	0.0	347.2





#73

Isopropylbenzene

Concen: 49.181 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 869691

Ion Ratio Lower Upper

105 100

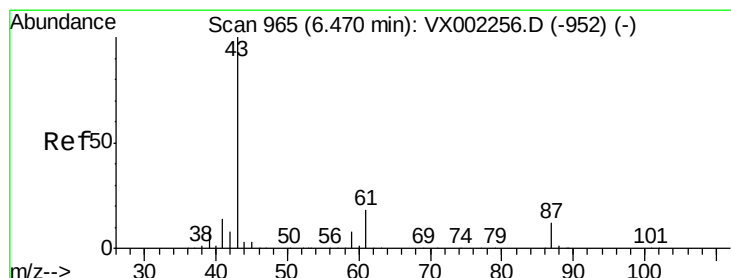
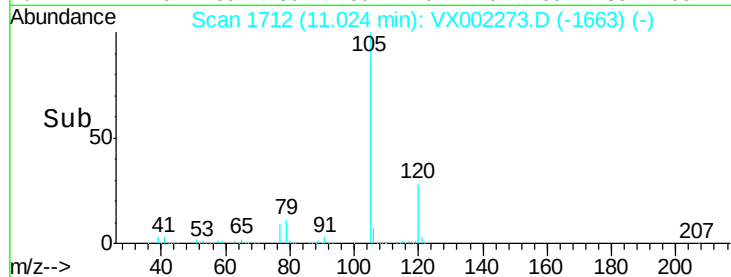
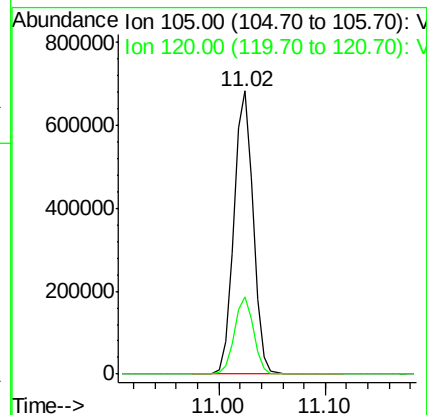
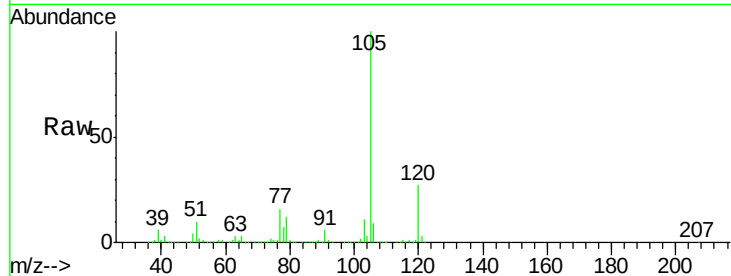
120 26.9 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#74

N-ethyl acetate

Concen: 43.822 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion: 43 Resp: 417555

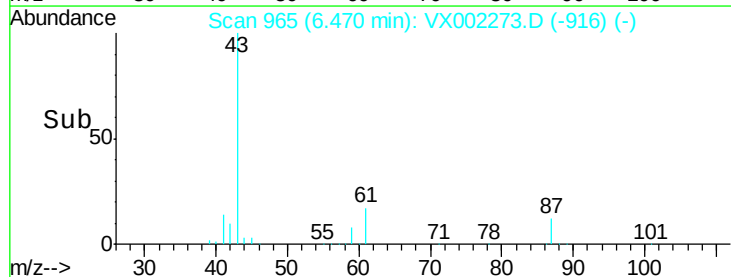
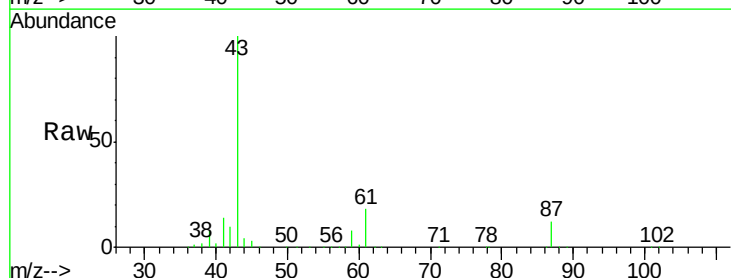
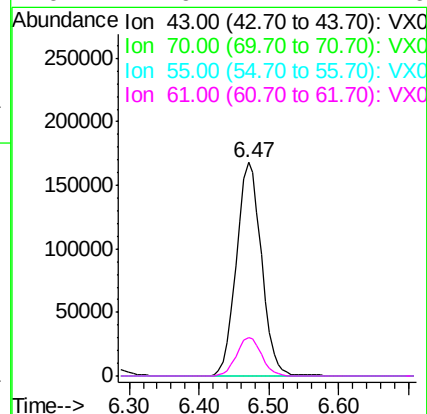
Ion Ratio Lower Upper

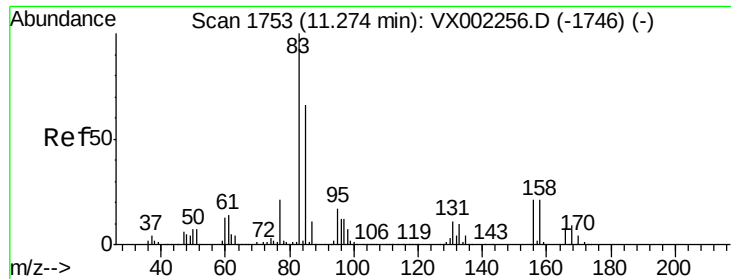
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.923 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

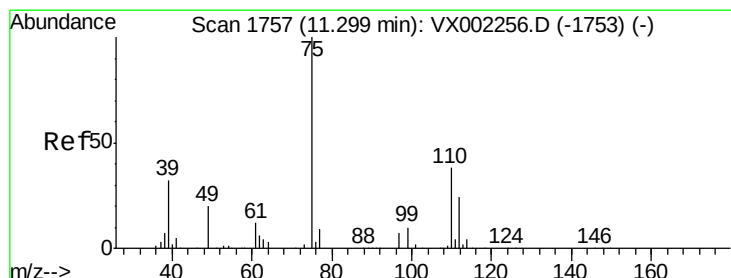
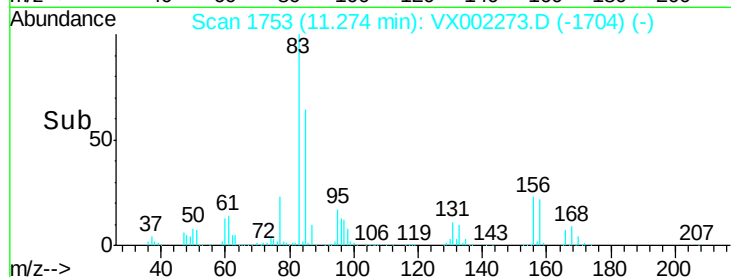
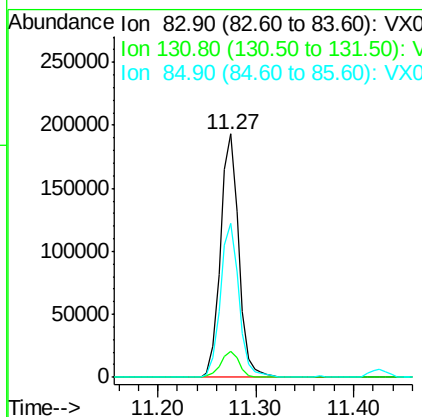
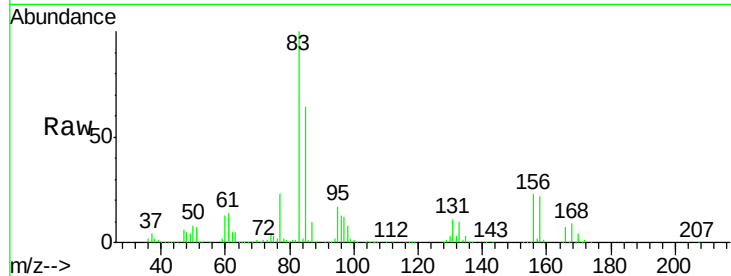
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	249850
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	64.1	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#76

1,2,3-Trichloropropane

Concen: 45.794 ug/l m

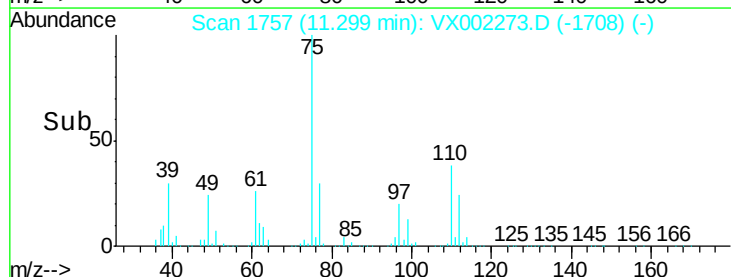
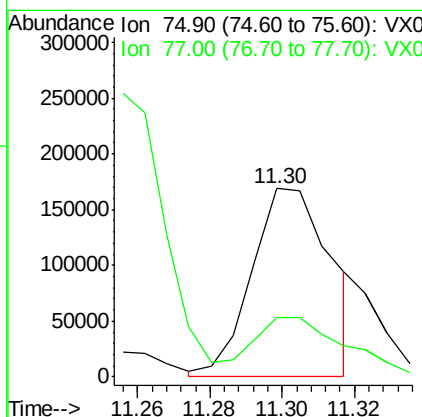
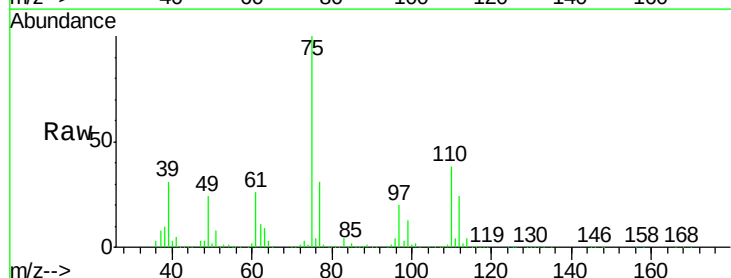
RT: 11.30 min Scan# 1757

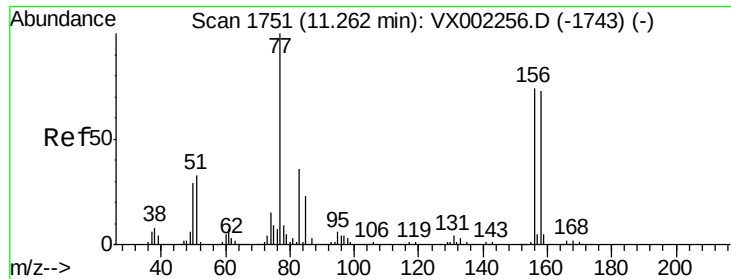
Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion:	75	Resp:	255433
Ion Ratio	Lower	Upper	
75	100		
77	37.8	22.8	68.3





#77

Bromobenzene

Concen: 47.250 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 234570

Ion Ratio Lower Upper

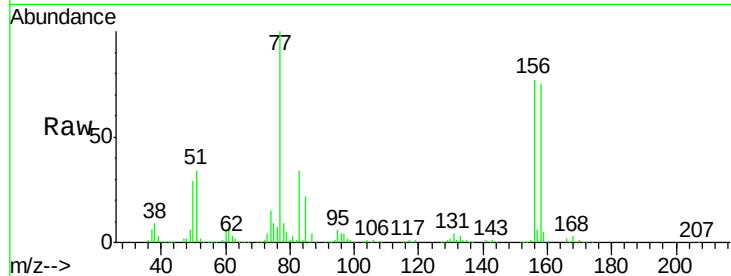
156 100

77 140.4 71.4 214.2

158 97.1 48.9 146.6

Manual Integrations
APPROVED

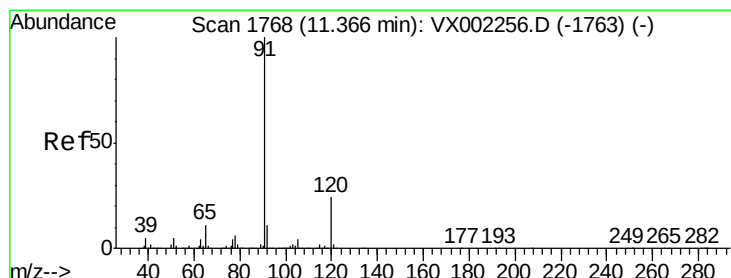
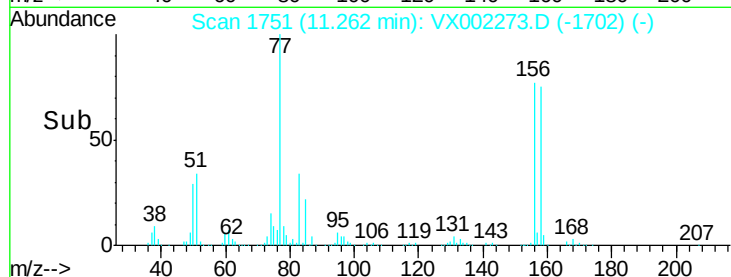
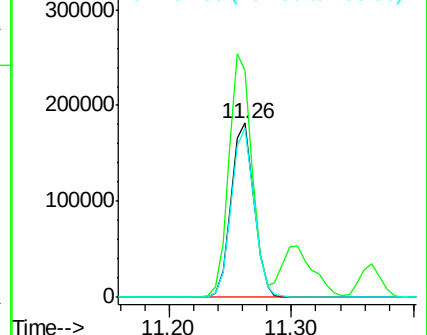
MMDadoda
6/5/2018 5:56:07 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.555 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002273.D

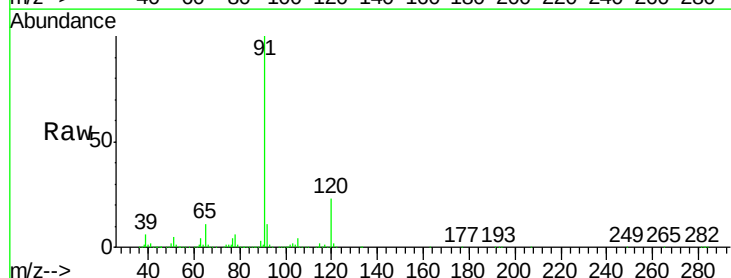
Acq: 04 Jun 2018 21:00

Tgt Ion: 91 Resp: 993644

Ion Ratio Lower Upper

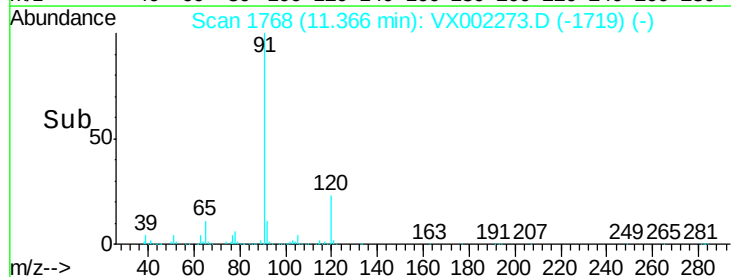
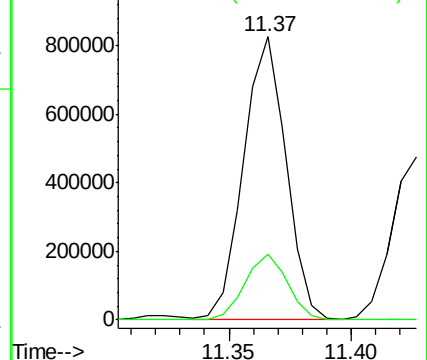
91 100

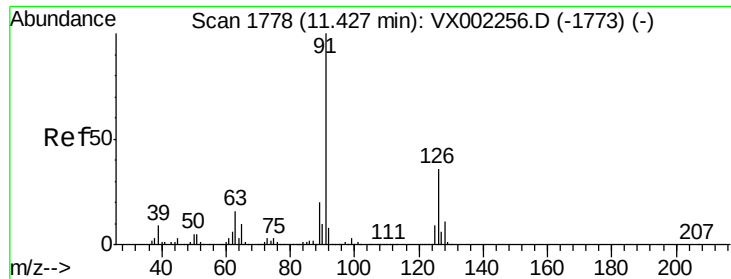
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.650 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 591370

Ion Ratio Lower Upper

91 100

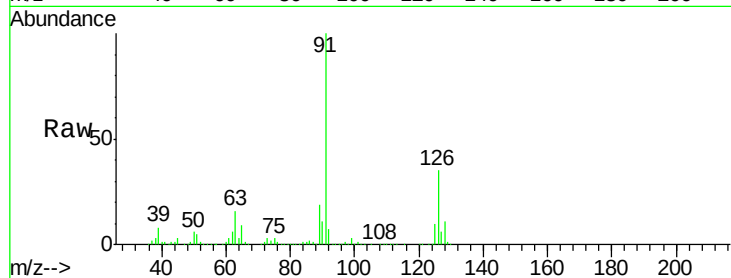
126 35.2 17.7 53.1

Manual Integrations

APPROVED

MMDadoda

6/5/2018 5:56:07 PM



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

800000

600000

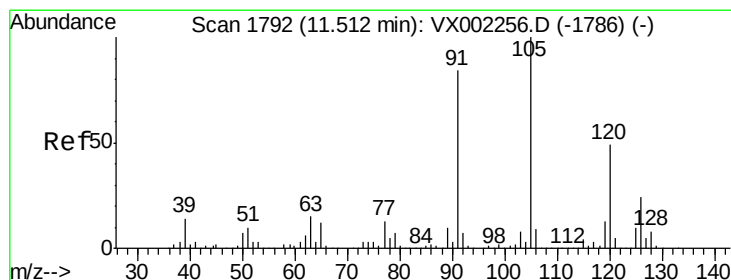
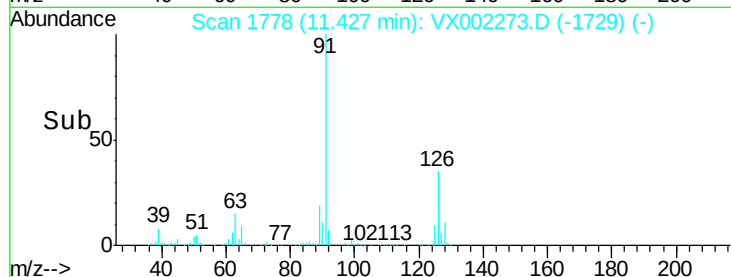
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.005 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002273.D

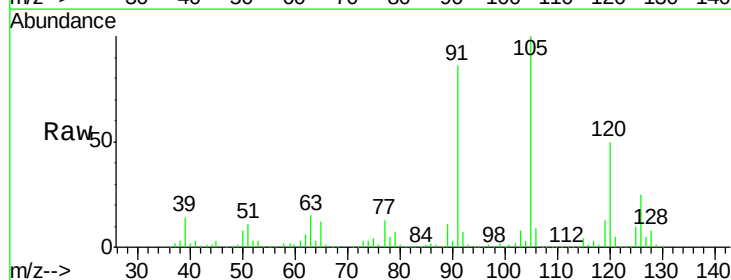
Acq: 04 Jun 2018 21:00

Tgt Ion: 105 Resp: 743276

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

600000

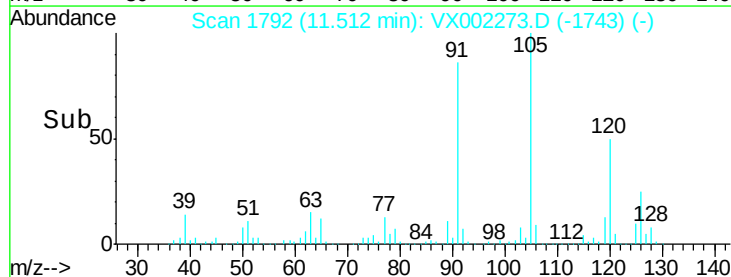
400000

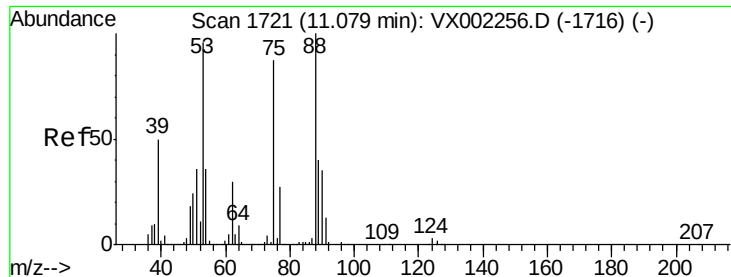
200000

0

11.50 11.60

Time-->





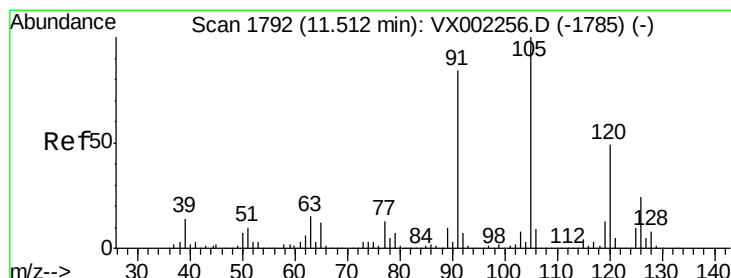
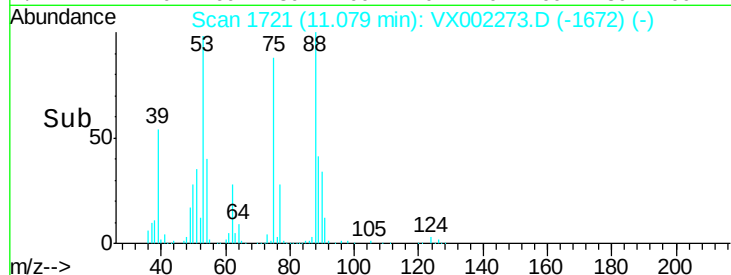
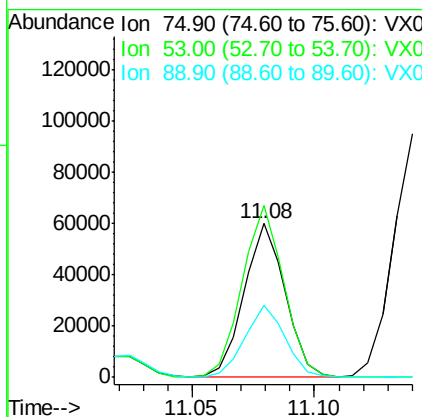
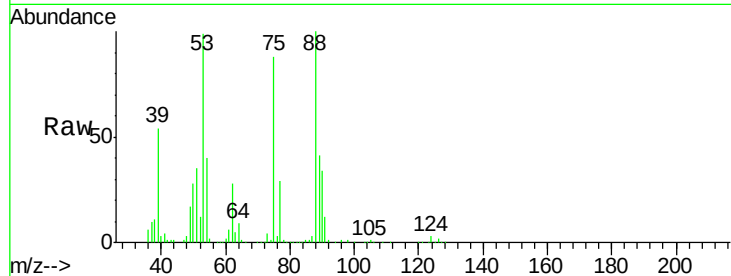
#81
trans-1,4-Dichloro-2-butene
Concen: 43.796 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.8	86.8	130.2
89	46.7	38.2	57.2

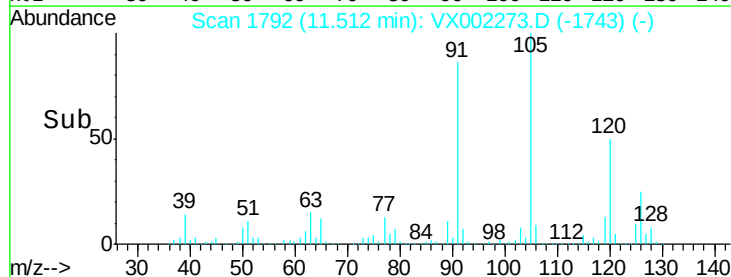
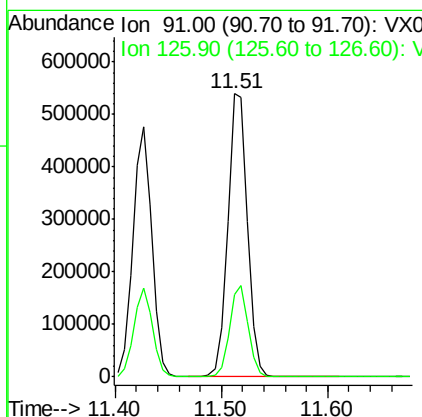
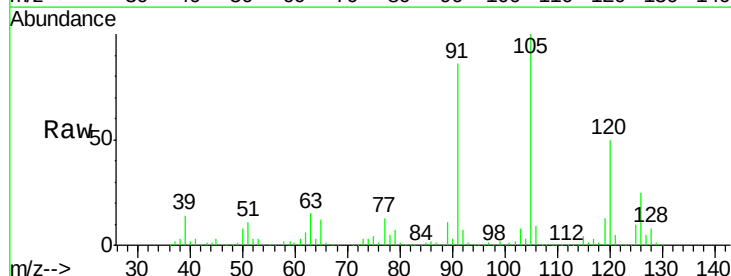
Manual Integrations
APPROVED

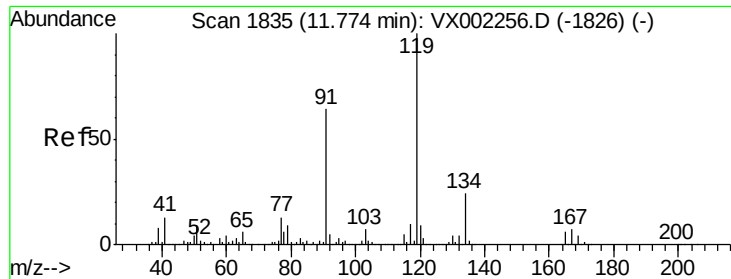
MMDadoda
6/5/2018 5:56:07 PM



#82
4-Chlorotoluene
Concen: 48.694 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





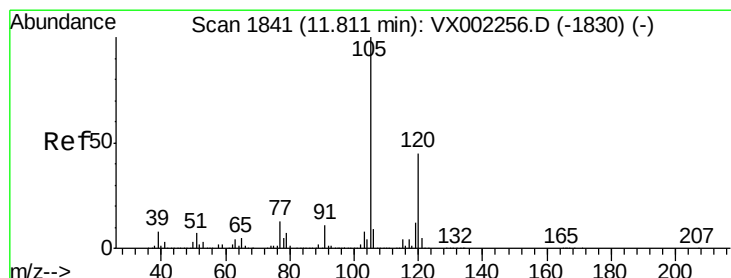
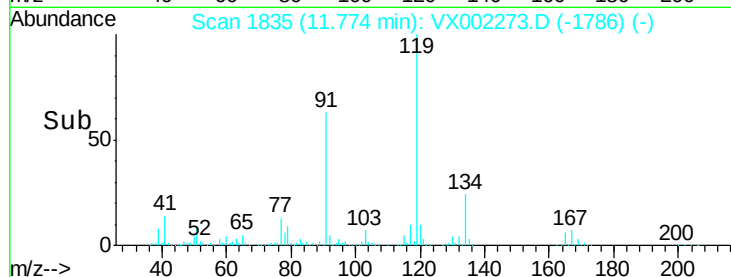
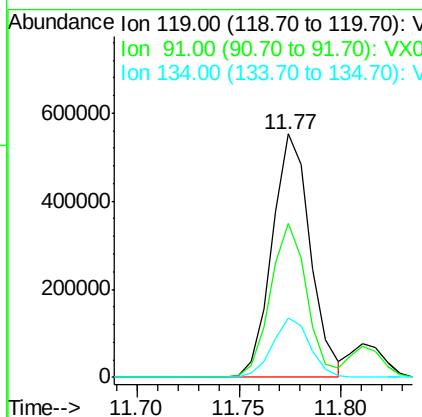
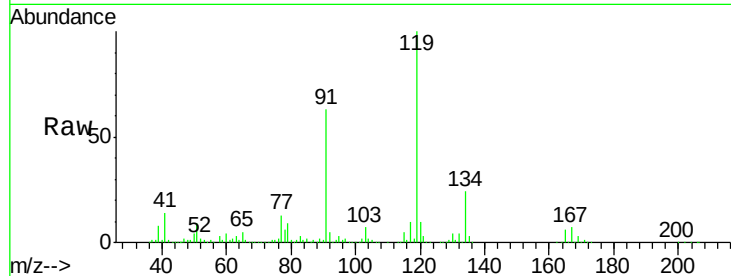
#83
 tert-Butylbenzene
 Concen: 48.881 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	30.3	90.9
134	23.8	11.7	35.1

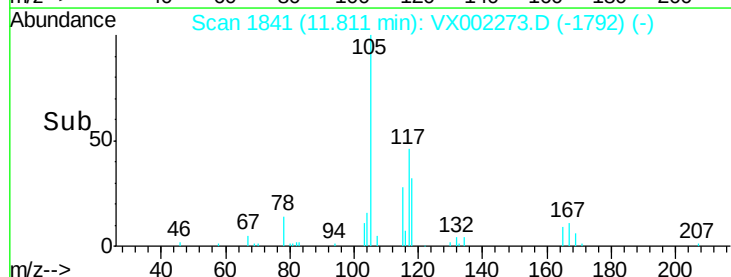
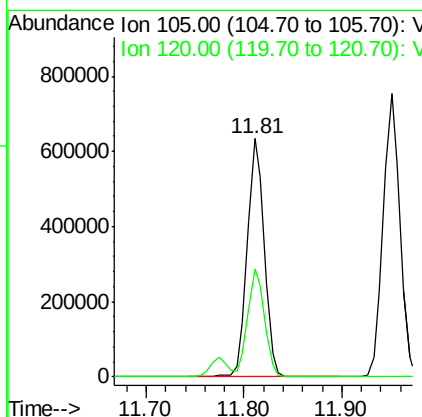
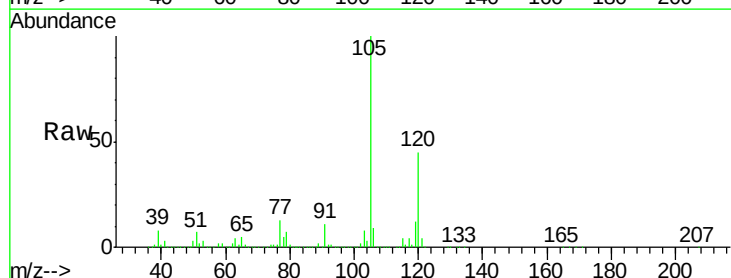
Manual Integrations
 APPROVED

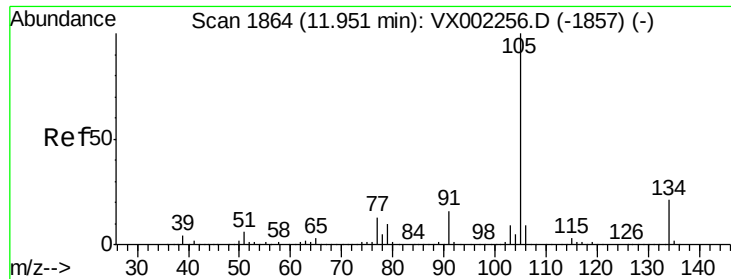
MMDadoda
 6/5/2018 5:56:07 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.041 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.3	66.8





#85

sec-Butylbenzene

Concen: 51.890 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 898479

Ion Ratio Lower Upper

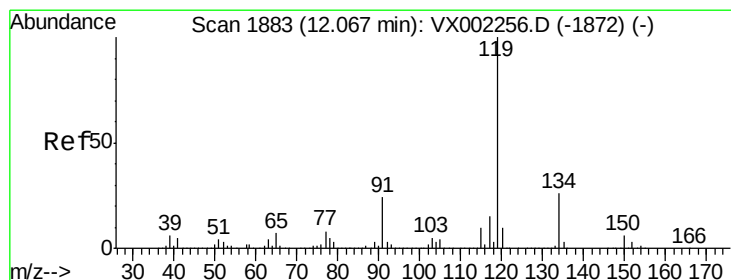
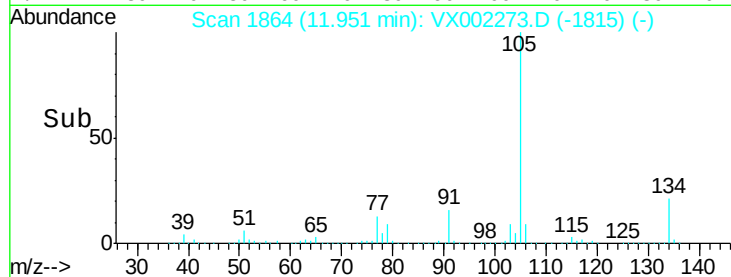
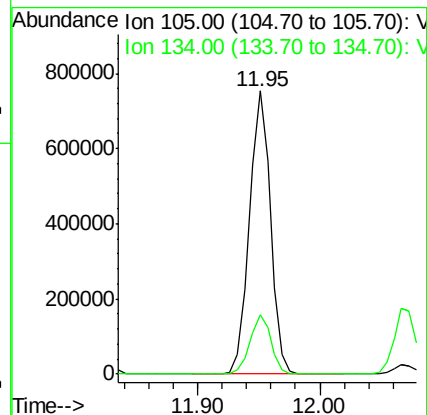
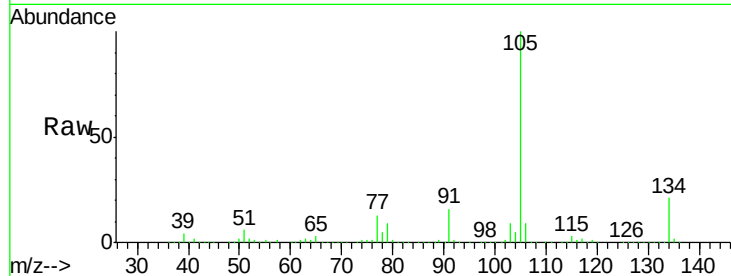
105 100

134 20.9 10.4 31.1

Manual Integrations
APPROVED

MMDadoda

6/5/2018 5:56:07 PM



#86

p-Isopropyltoluene

Concen: 51.032 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

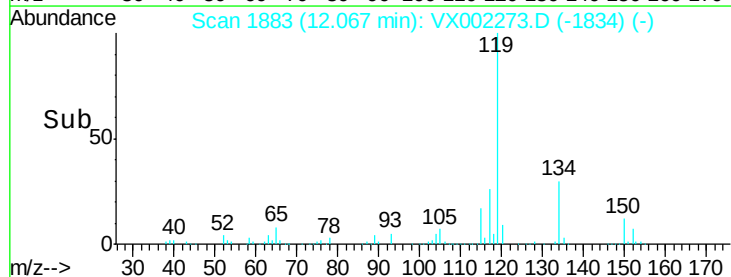
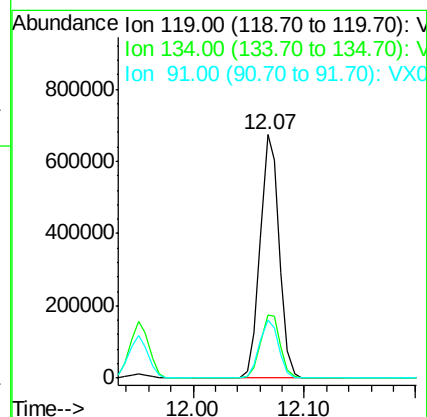
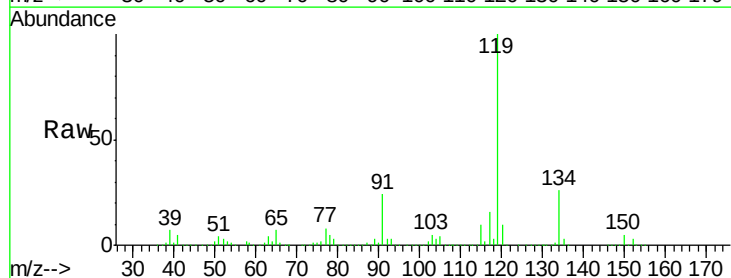
Tgt Ion:119 Resp: 804866

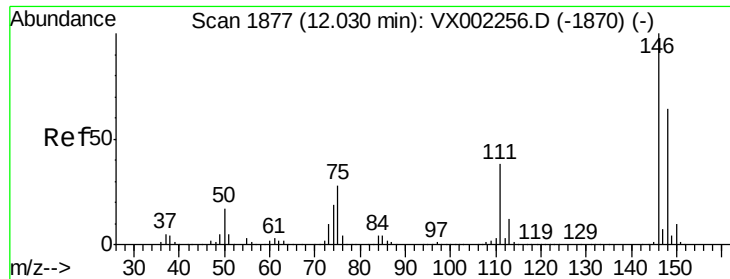
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.0 11.9 35.7





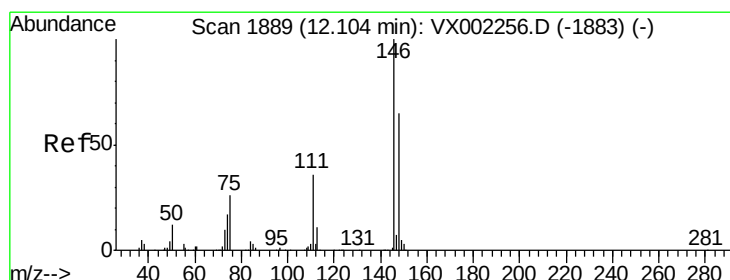
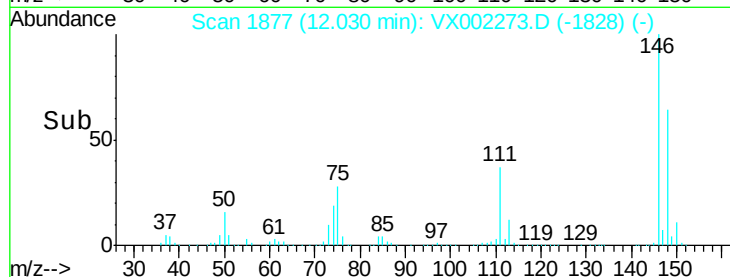
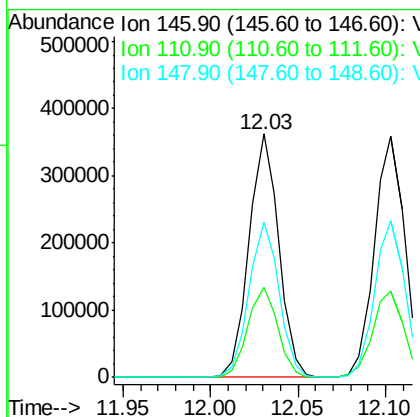
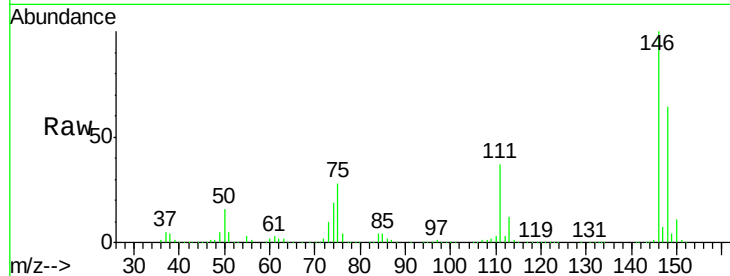
#87
 1,3-Dichlorobenzene
 Concen: 48.310 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.2	32.1	96.3

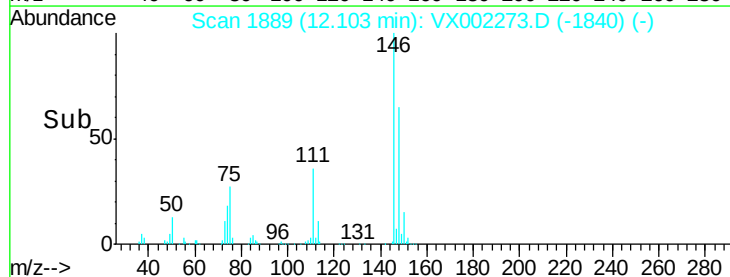
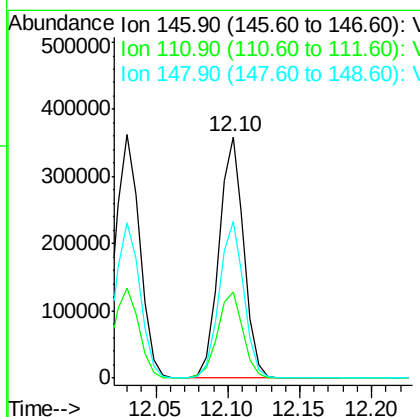
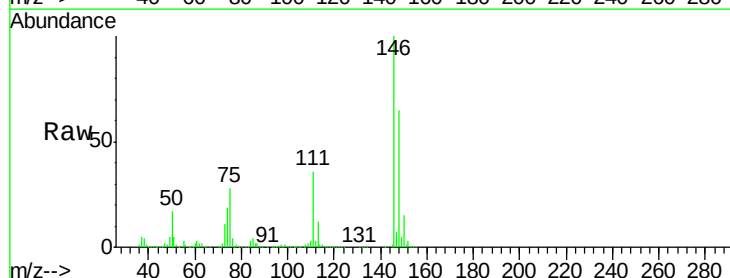
Manual Integrations
 APPROVED

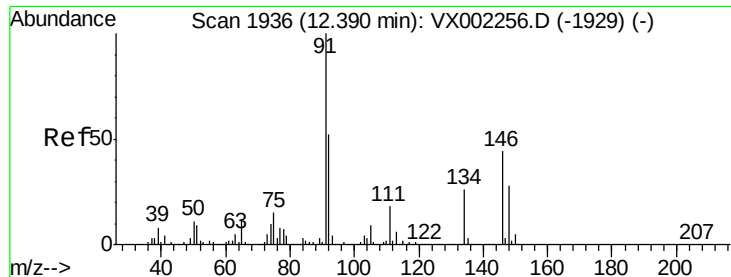
MMDadoda
 6/5/2018 5:56:07 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.309 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 52.295 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

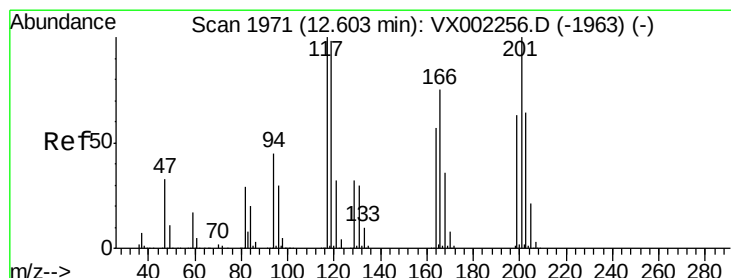
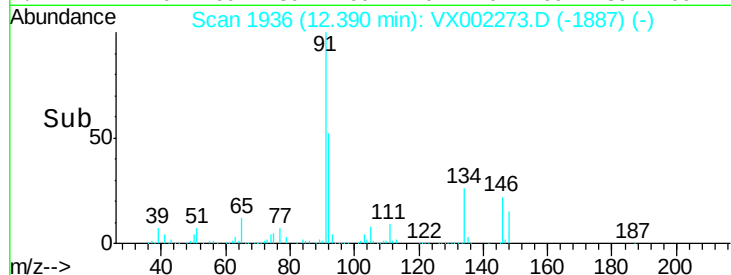
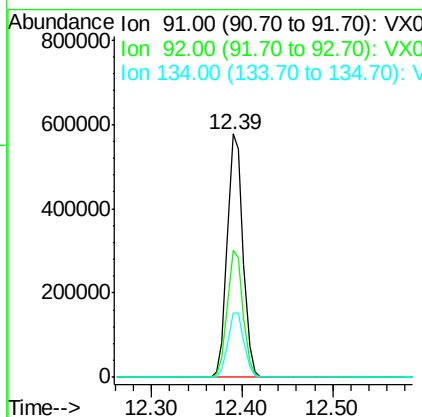
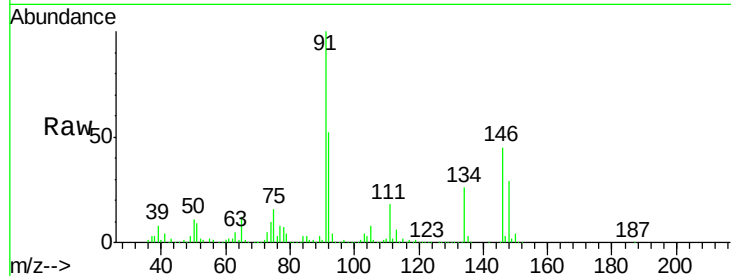
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	691736
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	27.1	13.5	40.5

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#90

Hexachloroethane

Concen: 48.626 ug/l

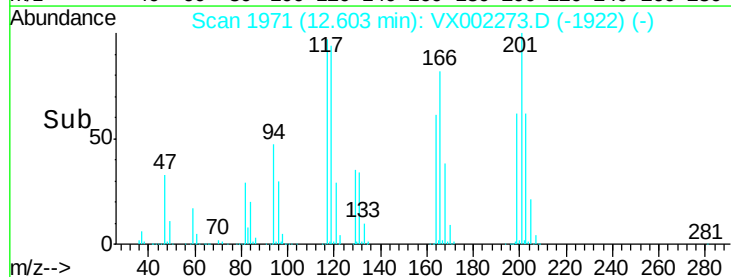
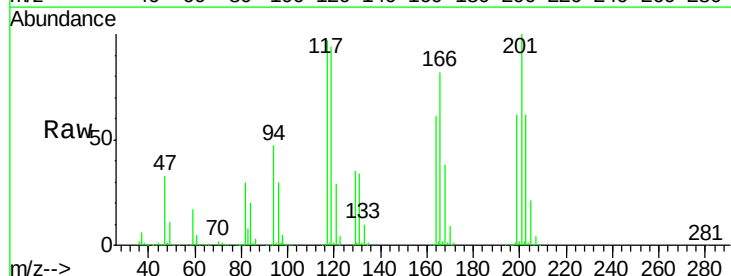
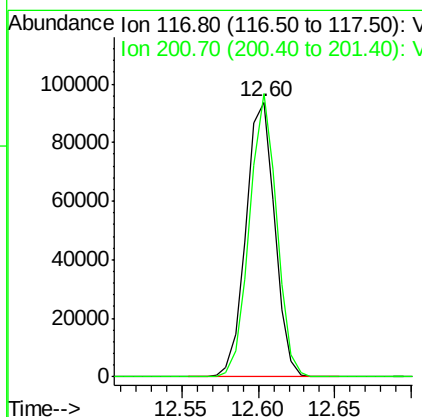
RT: 12.60 min Scan# 1971

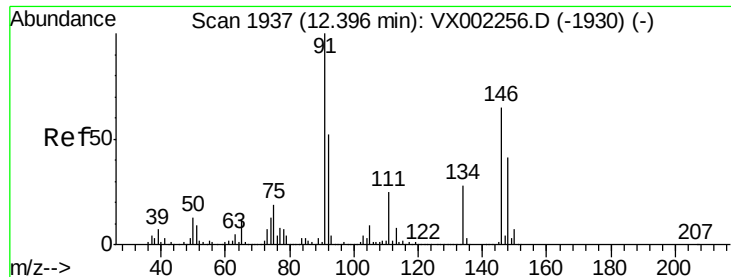
Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion:	117	Resp:	122422
Ion	Ratio	Lower	Upper
117	100		
201	97.3	49.0	147.0





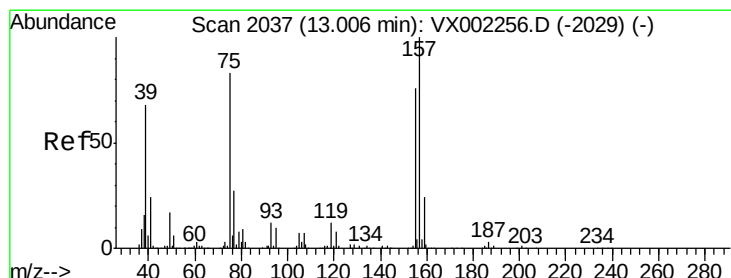
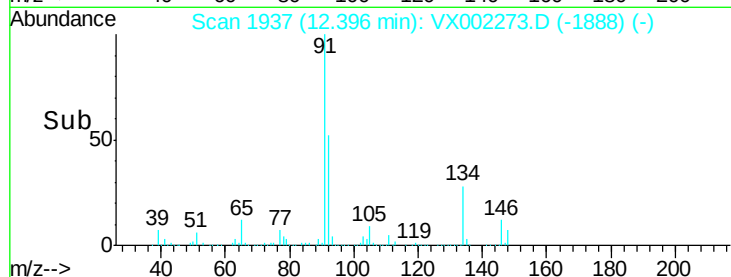
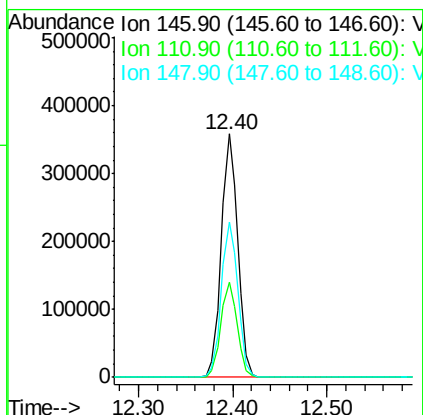
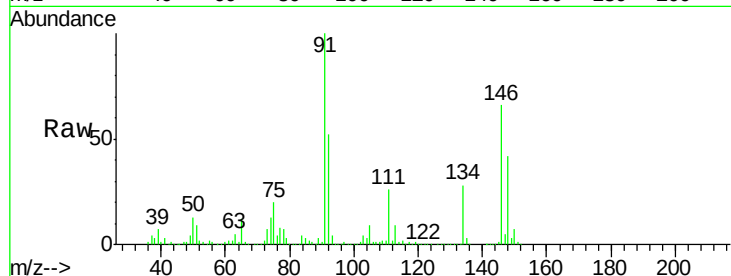
#91
 1,2-Dichlorobenzene
 Concen: 47.246 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	64.4	31.7	95.1

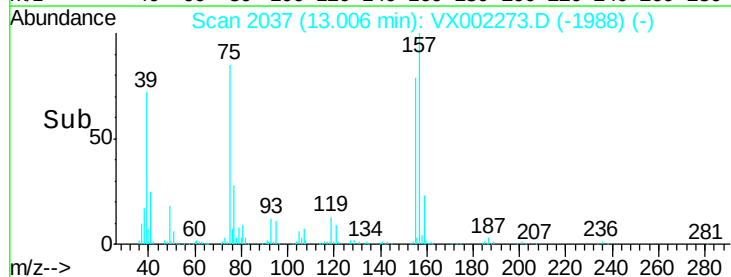
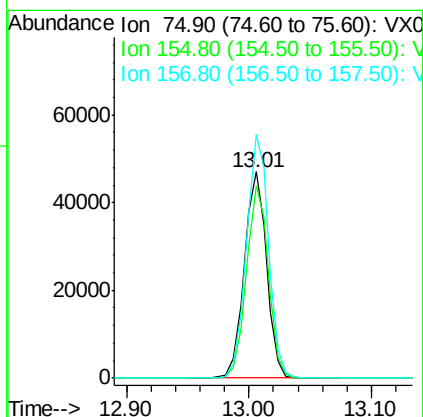
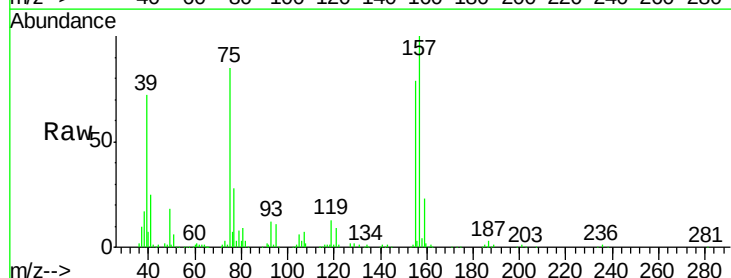
Manual Integrations
 APPROVED

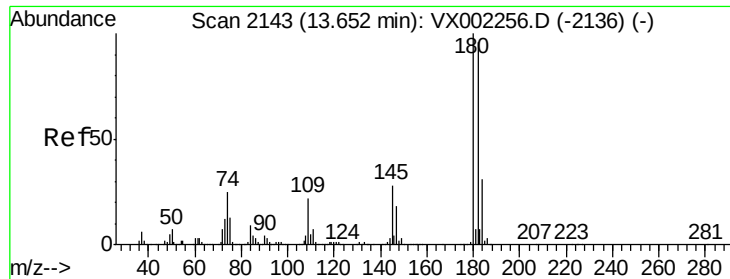
MMDadoda
 6/5/2018 5:56:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.639 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	45.8	137.4
157	117.5	60.1	180.3





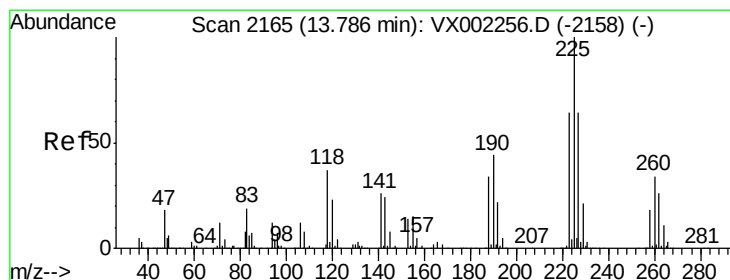
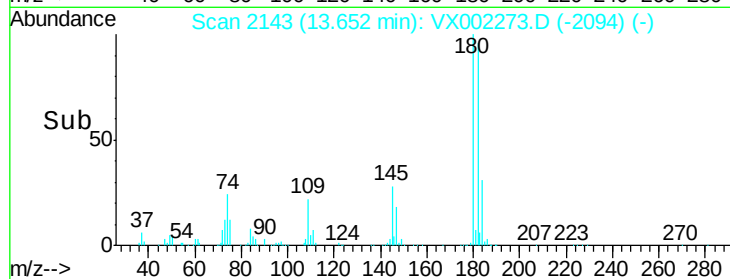
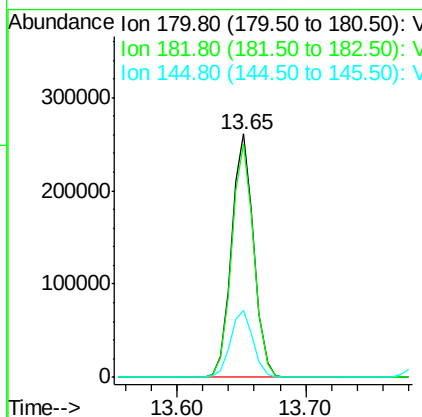
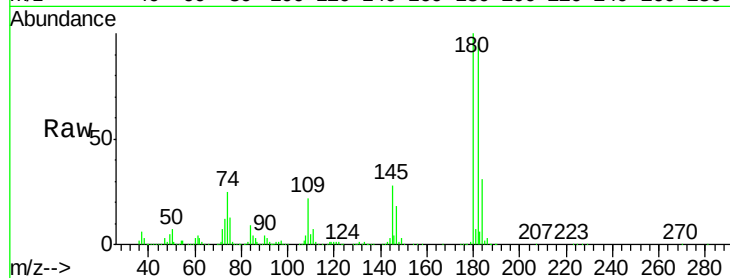
#93
 1,2,4-Trichlorobenzene
 Concen: 48.600 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	312972		
182	96.0	47.7	143.1	
145	28.0	14.1	42.4	

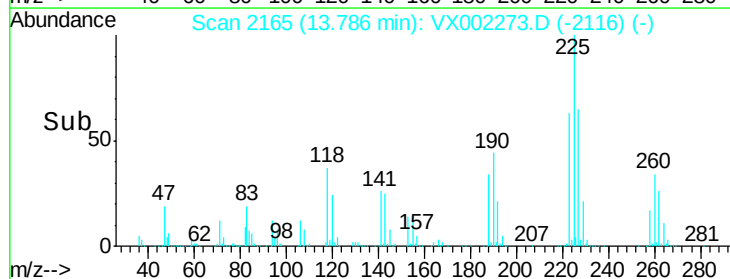
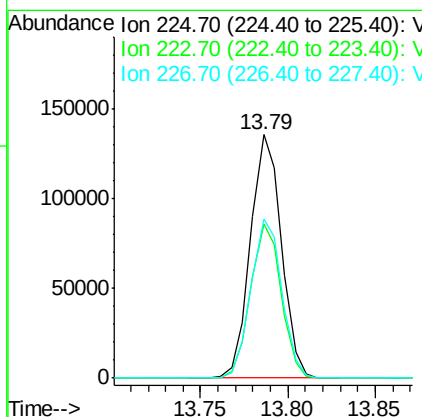
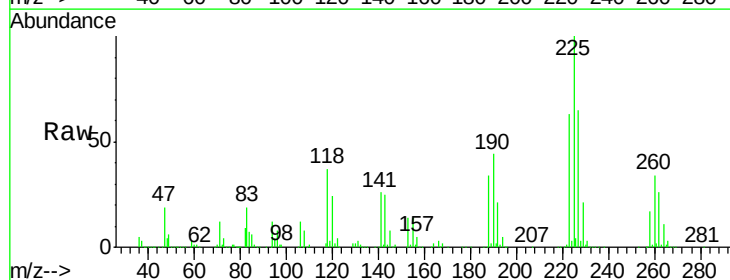
Manual Integrations
 APPROVED

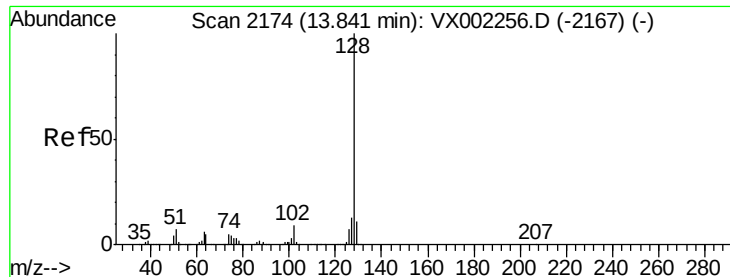
MMDadoda
 6/5/2018 5:56:07 PM



#94
 Hexachlorobutadiene
 Concen: 52.445 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166892		
223	62.9	31.6	95.0	
227	65.3	32.4	97.2	





#95

Naphthalene

Concen: 48.940 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

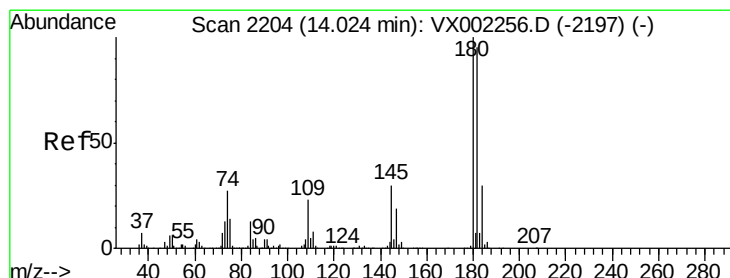
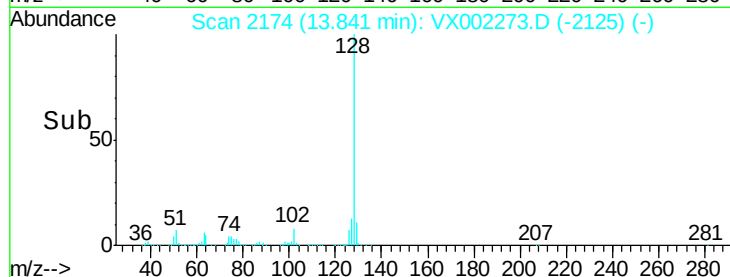
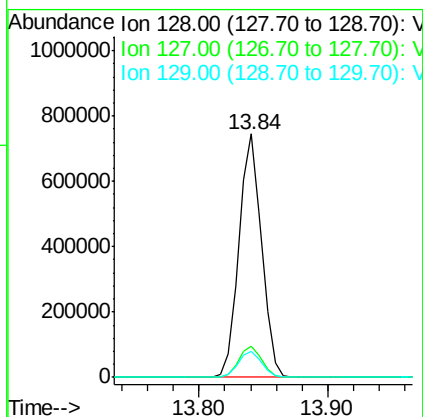
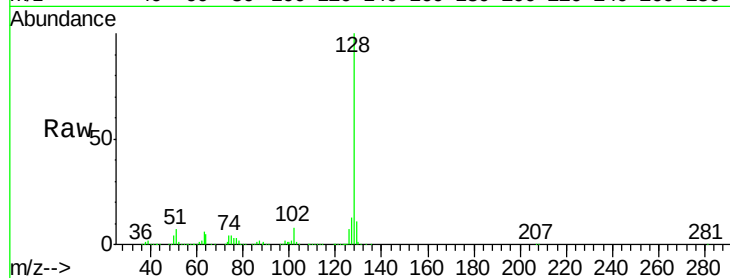
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	905523
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.934 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion:	180	Resp:	321379
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.0	144.0
145	29.8	14.8	44.3

