

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX007990.D
 Acq On : 12 Mar 2019 00:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 2:21:05 PM

Quant Time: Mar 12 09:27:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123751	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	5.51	113	111764	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	8.71	98	415218	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	146425	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92142	46.479	ug/l	99
3) Chloromethane	1.33	50	117867	46.135	ug/l	100
4) Vinyl Chloride	1.41	62	124388	49.001	ug/l	99
5) Bromomethane	1.64	94	64534	54.269	ug/l	98
6) Chloroethane	1.72	64	77923	46.207	ug/l	100
7) Trichlorofluoromethane	1.93	101	166887	50.495	ug/l	97
8) Diethyl Ether	2.19	74	72974	50.989	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101662	49.637	ug/l	99
10) Methyl Iodide	2.51	142	156869	53.989	ug/l	99
11) Tert butyl alcohol	3.08	59	144008	263.069	ug/l	99
12) 1,1-Dichloroethene	2.38	96	99954	50.629	ug/l	96
13) Acrolein	2.30	56	86095	277.745	ug/l	99
14) Allyl chloride	2.73	41	198445	47.835	ug/l	99
15) Acrylonitrile	3.15	53	339577	245.762	ug/l	100
16) Acetone	2.45	43	279842	197.515	ug/l	99
17) Carbon Disulfide	2.57	76	296070	49.379	ug/l	100
18) Methyl Acetate	2.78	43	160163	53.211	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	353013	51.976	ug/l	100
20) Methylene Chloride	2.86	84	111378	49.394	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	106835	49.181	ug/l	98
22) Diisopropyl ether	3.87	45	372135	48.935	ug/l	99
23) Vinyl Acetate	3.82	43	1610893	241.561	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203483	49.722	ug/l	99
25) 2-Butanone	4.70	43	460939	229.798	ug/l	99
26) 2,2-Dichloropropane	4.59	77	118718	43.787	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	124134	49.938	ug/l	97
28) Bromochloromethane	5.02	49	92786	48.632	ug/l	96
29) Tetrahydrofuran	5.15	42	309926	247.708	ug/l	98
30) Chloroform	5.21	83	196461	50.750	ug/l	98
31) Cyclohexane	5.58	56	183859	48.883	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	166510	51.841	ug/l	98
36) 1,1-Dichloropropene	5.80	75	147613	48.262	ug/l	98
37) Ethyl Acetate	4.85	43	173841	47.896	ug/l	99
38) Carbon Tetrachloride	5.79	117	147240	50.708	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX007990.D
 Acq On : 12 Mar 2019 00:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 2:21:05 PM

Quant Time: Mar 12 09:27:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180875	48.804	ug/l	99
40) Benzene	6.15	78	458838	50.391	ug/l	98
41) Methacrylonitrile	5.06	41	98308	49.679	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148207	49.771	ug/l	99
43) Isopropyl Acetate	6.46	43	268905	50.060	ug/l	99
44) Trichloroethene	7.21	130	149628	59.629	ug/l	98
45) 1,2-Dichloropropane	7.52	63	121298	50.437	ug/l	98
46) Dibromomethane	7.66	93	76862	50.502	ug/l	99
47) Bromodichloromethane	7.90	83	146288	50.696	ug/l	100
48) Methyl methacrylate	7.77	41	140350	49.696	ug/l	98
49) 1,4-Dioxane	7.75	88	59327	1022.611	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	864930	250.376	ug/l	99
52) Toluene	8.79	92	283006	50.908	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158255	52.545	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	176989	52.039	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116554	51.793	ug/l	99
56) Ethyl methacrylate	9.18	69	177156	52.431	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191093	50.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	480572	274.957	ug/l	98
59) 2-Hexanone	9.49	43	650547	242.558	ug/l	99
60) Dibromochloromethane	9.58	129	122452	52.059	ug/l	98
61) 1,2-Dibromoethane	9.67	107	124088	51.935	ug/l	99
64) Tetrachloroethene	9.33	164	127745	52.458	ug/l	98
65) Chlorobenzene	10.14	112	309390	50.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115828	52.556	ug/l	100
67) Ethyl Benzene	10.25	91	523328	51.700	ug/l	100
68) m/p-Xylenes	10.36	106	404583	103.695	ug/l	100
69) o-Xylene	10.70	106	195630	51.935	ug/l	100
70) Styrene	10.71	104	326896	53.033	ug/l	100
71) Bromoform	10.86	173	98378	51.979	ug/l #	99
73) Isopropylbenzene	11.02	105	525076	51.306	ug/l	100
74) N-amyl acetate	10.90	43	228370	48.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	171282	48.519	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	160935m	50.682	ug/l	
77) Bromobenzene	11.26	156	141671	50.491	ug/l	99
78) n-propylbenzene	11.36	91	583809	51.420	ug/l	99
79) 2-Chlorotoluene	11.42	91	345125	49.716	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	438911	52.106	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48914	49.239	ug/l	100
82) 4-Chlorotoluene	11.51	91	401929	50.523	ug/l	100
83) tert-Butylbenzene	11.77	119	441499	52.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	449217	52.023	ug/l	100
85) sec-Butylbenzene	11.94	105	524100	52.446	ug/l	99
86) p-Isopropyltoluene	12.06	119	470962	52.624	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	248774	50.116	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	248799	48.941	ug/l	100
89) n-Butylbenzene	12.39	91	389388	51.356	ug/l	99
90) Hexachloroethane	12.60	117	76508	51.131	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	248597	50.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36828	49.917	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007990.D
Acq On : 12 Mar 2019 00:16
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

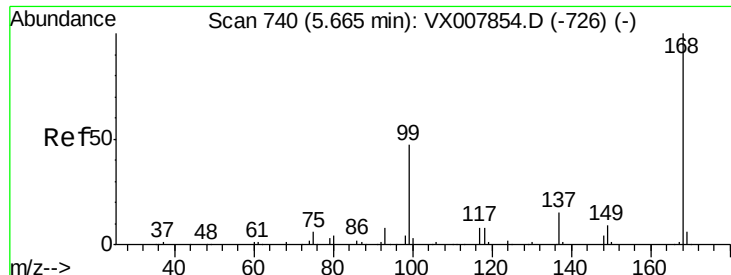
Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM

Quant Time: Mar 12 09:27:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	178348	51.482	ug/l	99
94) Hexachlorobutadiene	13.78	225	93841	51.812	ug/l	100
95) Naphthalene	13.83	128	534326	53.530	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	180187	52.213	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 232042

Ion Ratio Lower Upper

168 100

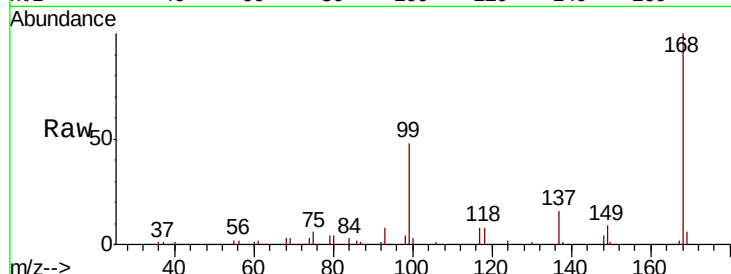
99 48.0 37.6 56.4

Manual Integrations

APPROVED

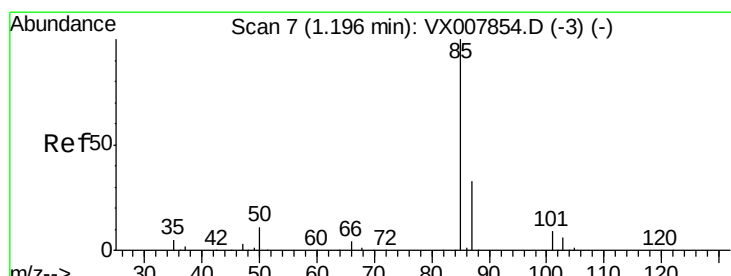
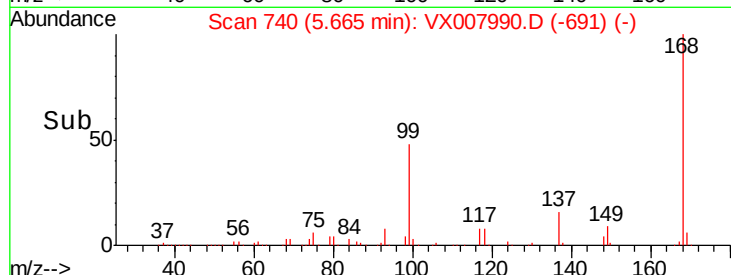
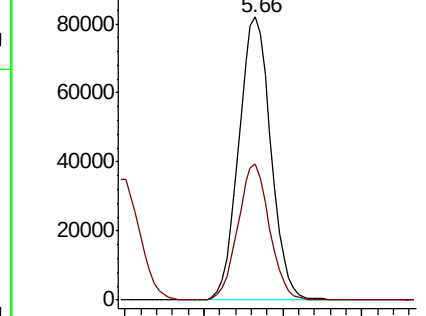
MMDadoda

3/12/2019 2:21:05 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.479 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007990.D

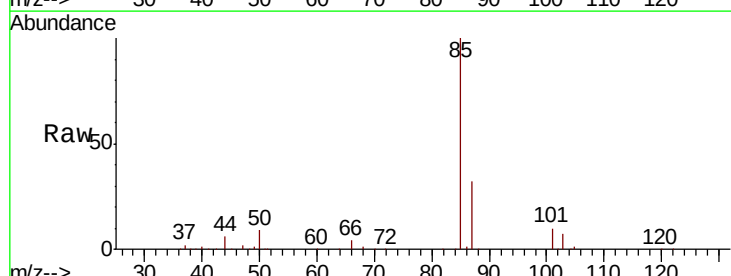
Acq: 12 Mar 2019 00:16

Tgt Ion: 85 Resp: 92142

Ion Ratio Lower Upper

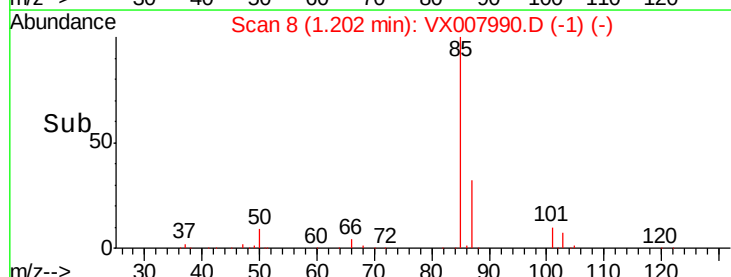
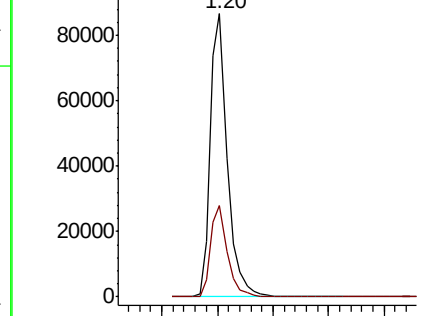
85 100

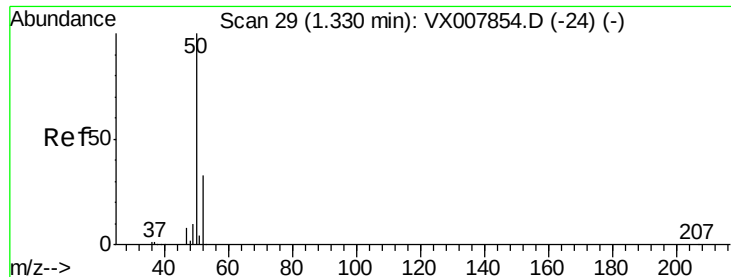
87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.135 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 117867

Ion Ratio Lower Upper

50 100

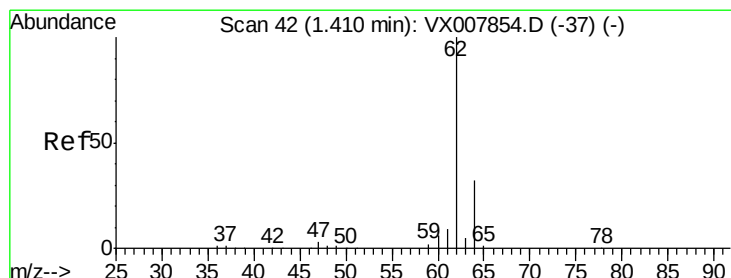
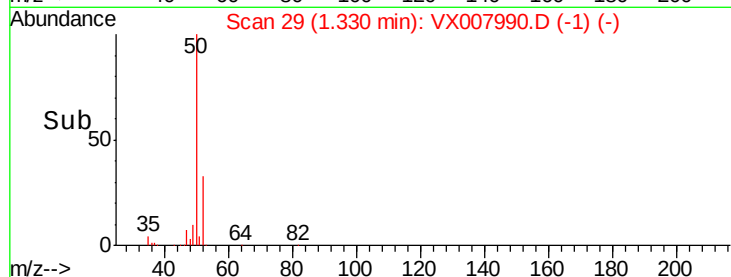
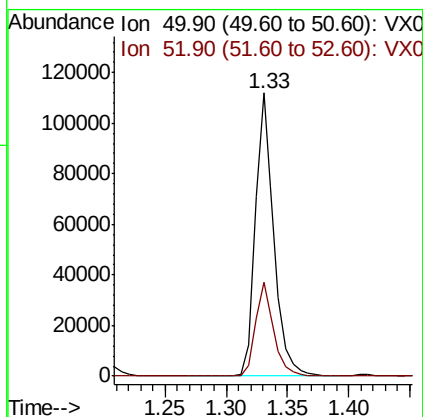
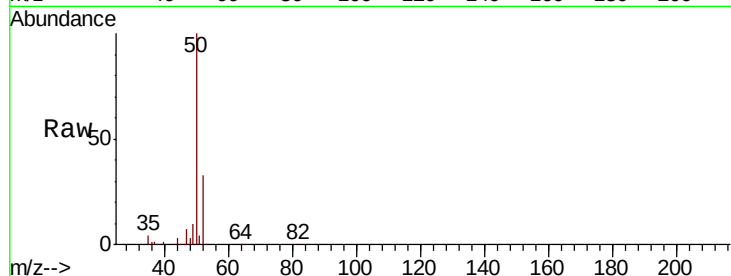
52 33.2 26.5 39.7

Manual Integrations

APPROVED

MMDadoda

3/12/2019 2:21:05 PM



#4

Vinyl Chloride

Concen: 49.001 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007990.D

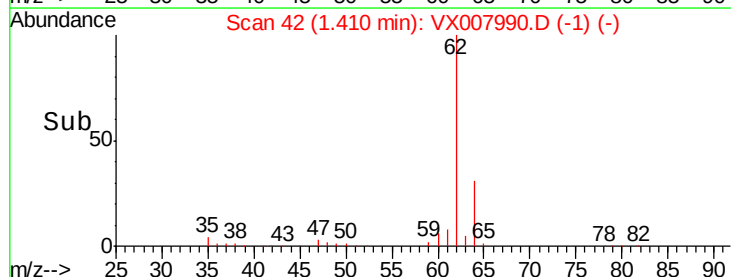
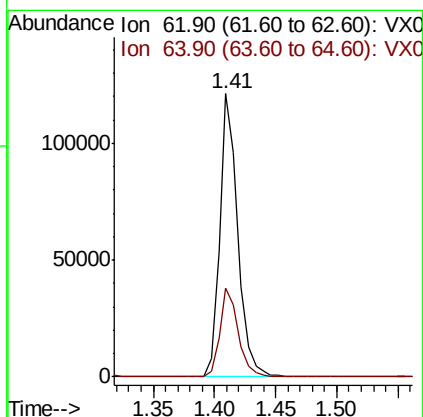
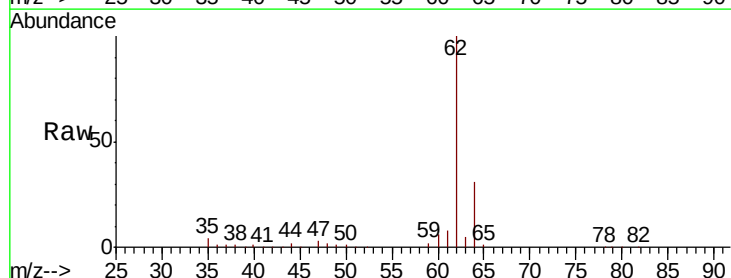
Acq: 12 Mar 2019 00:16

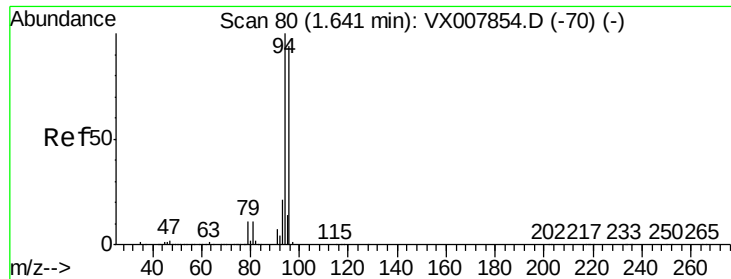
Tgt Ion: 62 Resp: 124388

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 54.269 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 64534

Ion Ratio Lower Upper

94 100

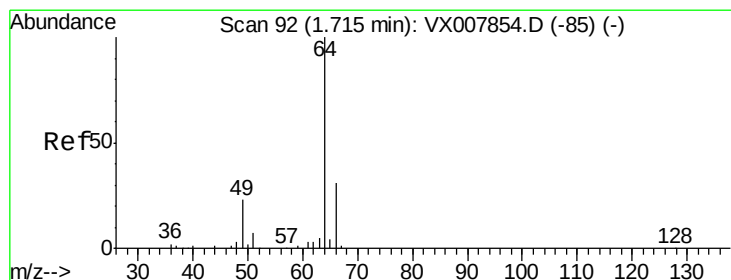
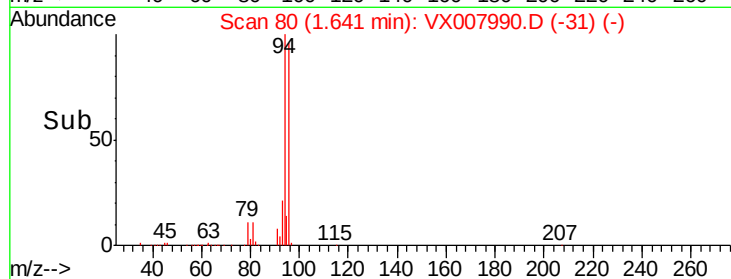
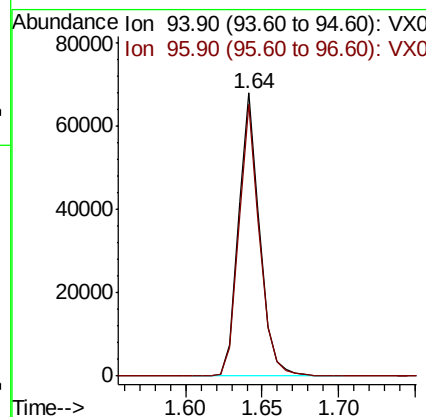
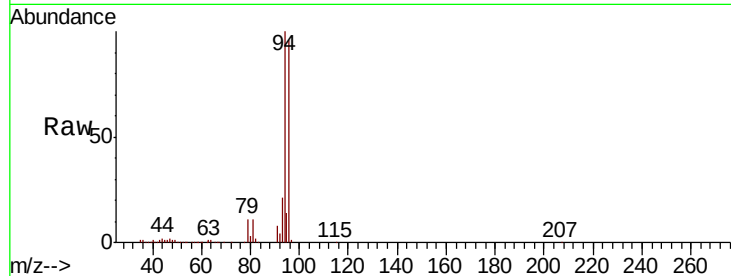
96 96.2 75.5 113.3

Manual Integrations

APPROVED

MMDadoda

3/12/2019 2:21:05 PM



#6

Chloroethane

Concen: 46.207 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007990.D

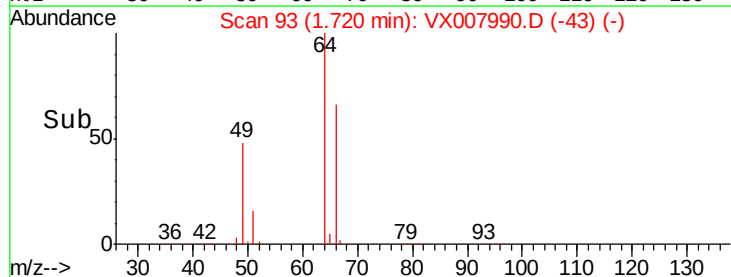
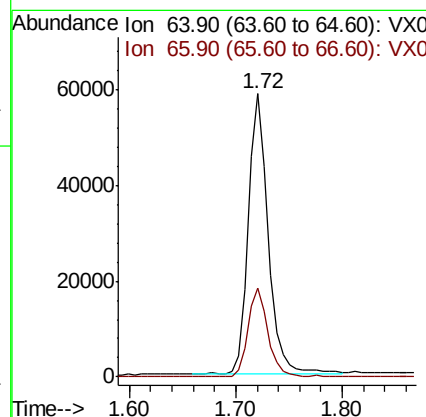
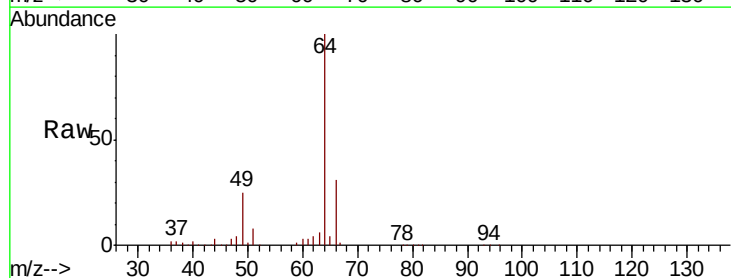
Acq: 12 Mar 2019 00:16

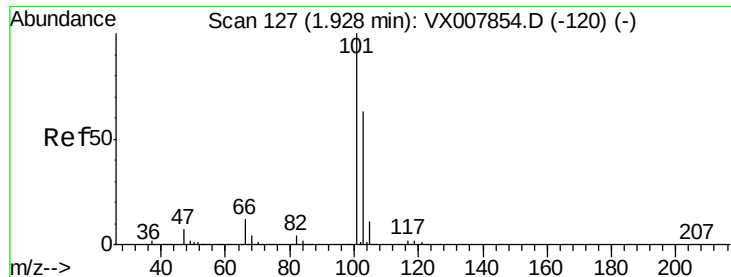
Tgt Ion: 64 Resp: 77923

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8





#7

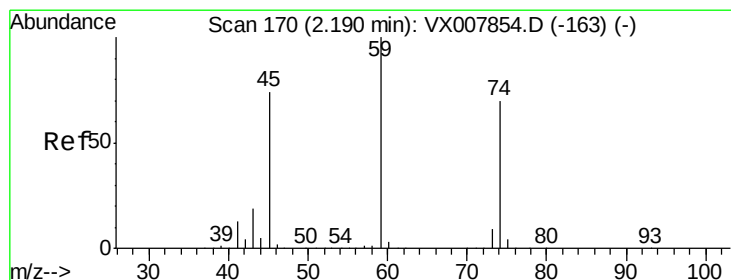
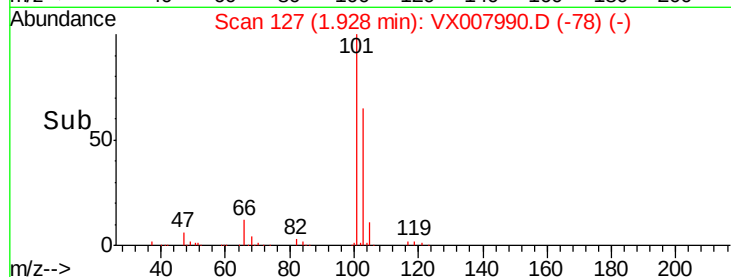
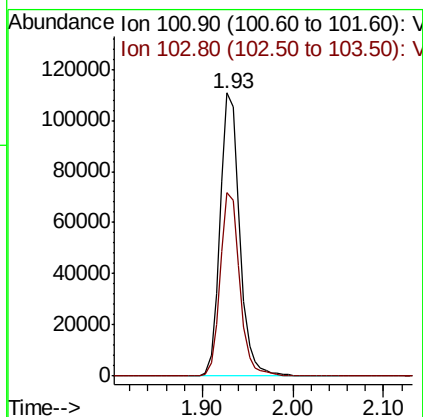
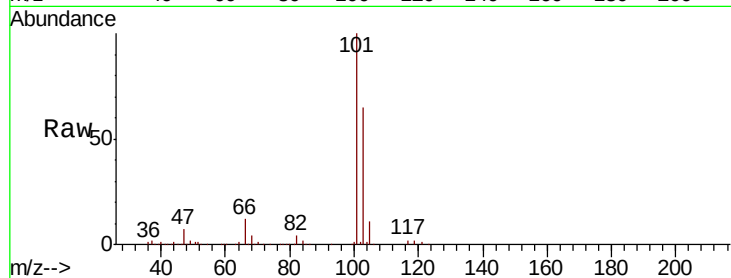
Trichlorofluoromethane
Concen: 50.495 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 166887
Ion Ratio Lower Upper
101 100
103 65.0 50.4 75.6

Manual Integrations
APPROVED

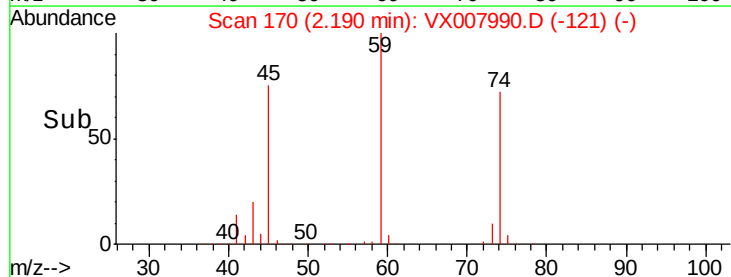
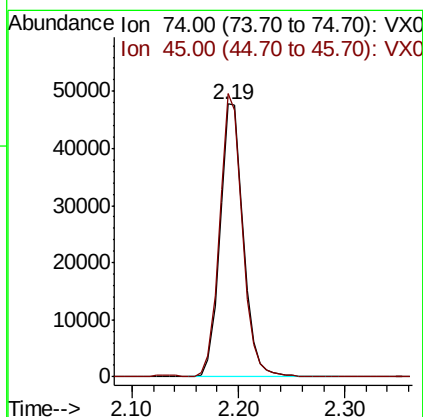
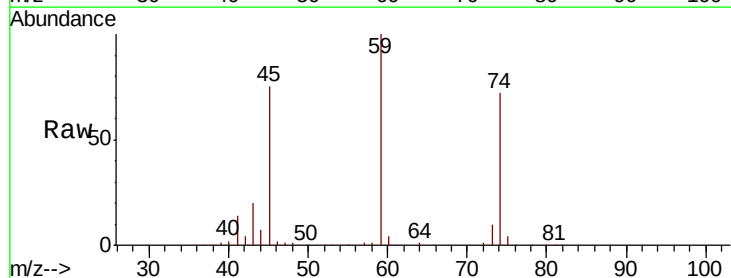
MMDadoda
3/12/2019 2:21:05 PM

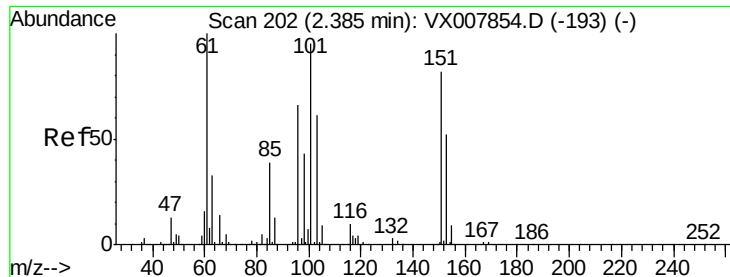


#8

Diethyl Ether
Concen: 50.989 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 74 Resp: 72974
Ion Ratio Lower Upper
74 100
45 100.6 52.1 156.4





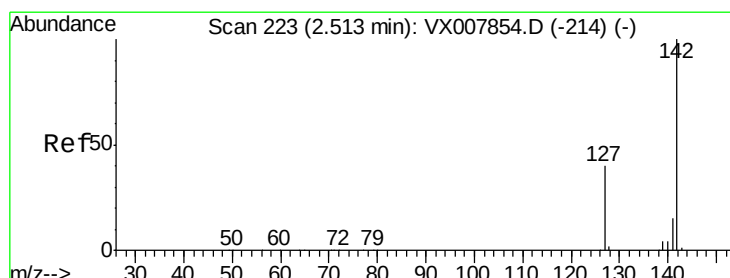
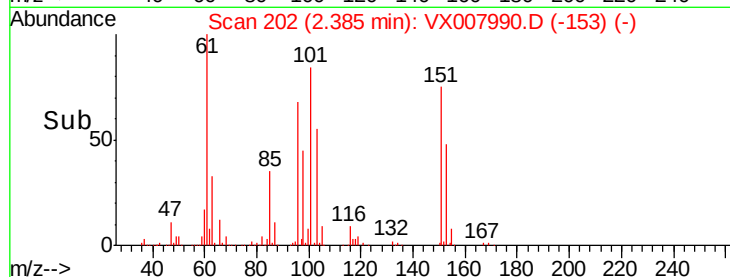
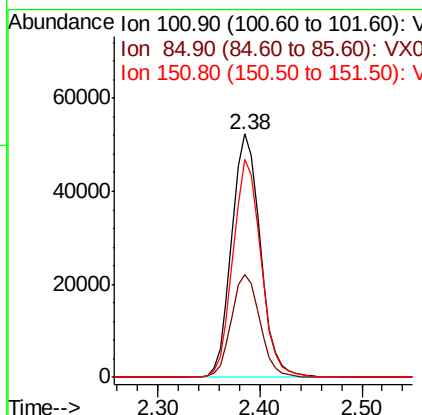
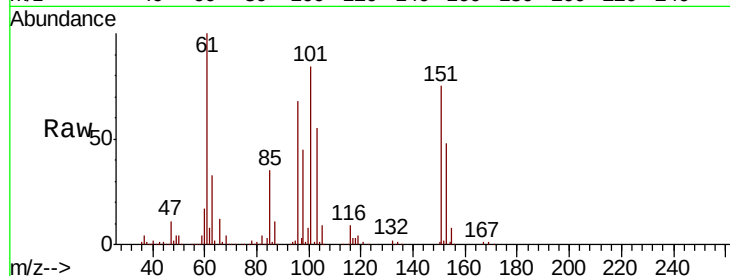
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.637 ug/l
 RT: 2.38 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	101662		
85	42.2	33.8	50.6	
151	87.6	69.1	103.7	

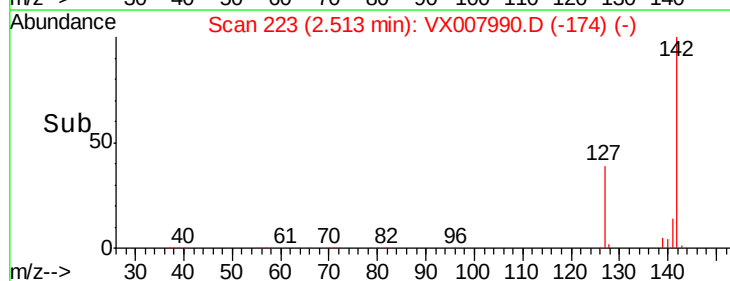
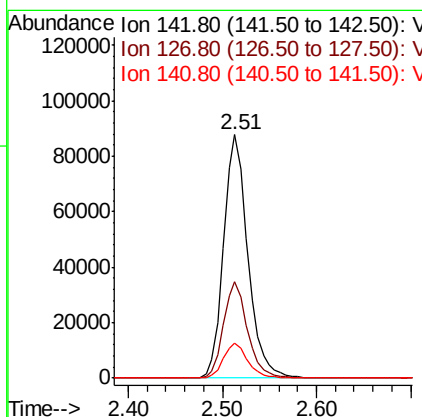
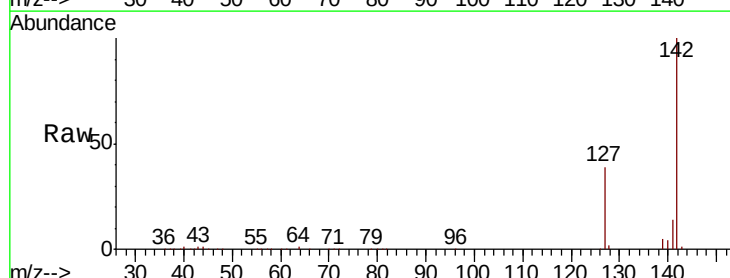
Manual Integrations
 APPROVED

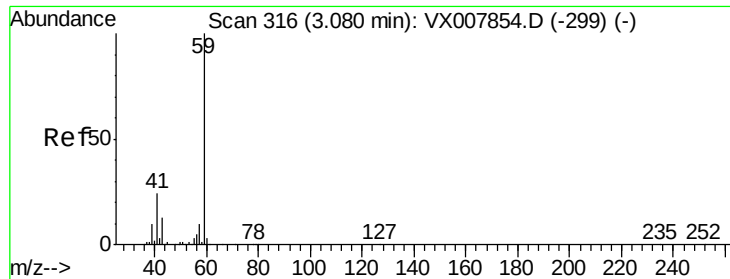
MMDadoda
 3/12/2019 2:21:05 PM



#10
 Methyl Iodide
 Concen: 53.989 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	156869		
127	39.4	32.1	48.1	
141	14.3	11.4	17.2	





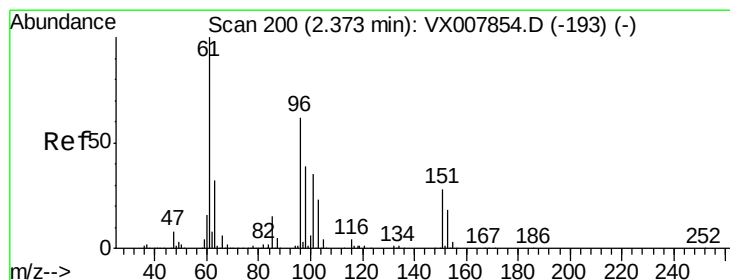
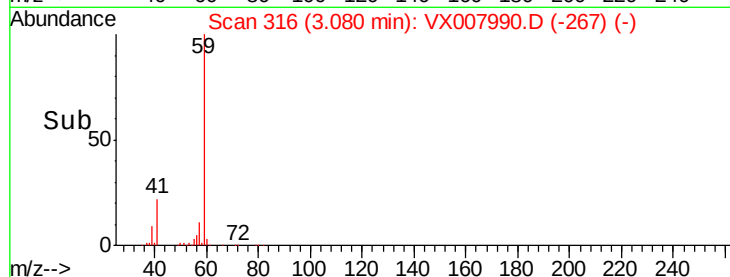
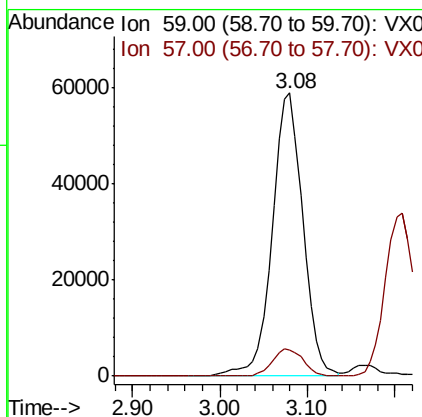
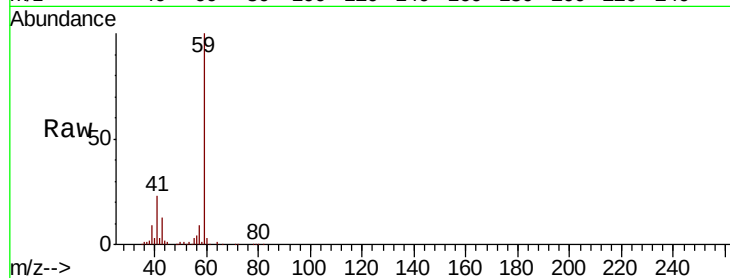
#11
Tert butyl alcohol
Concen: 263.069 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 144008
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

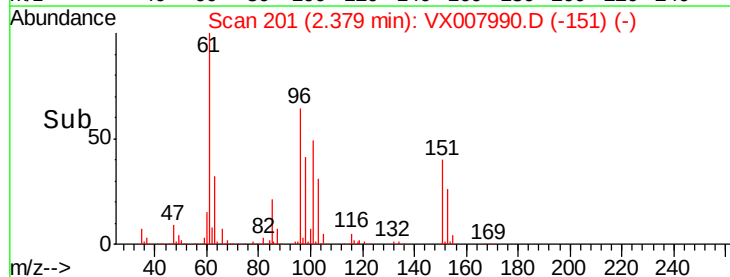
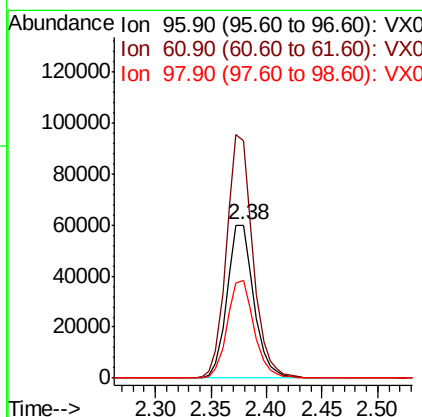
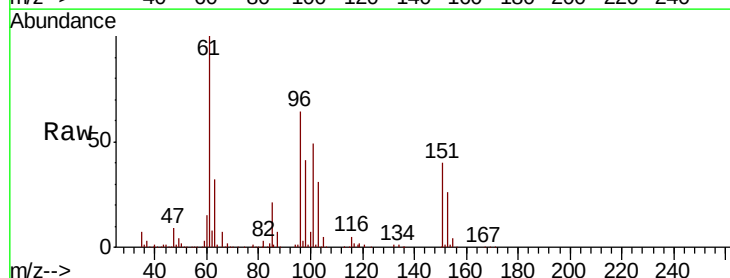
Manual Integrations
APPROVED

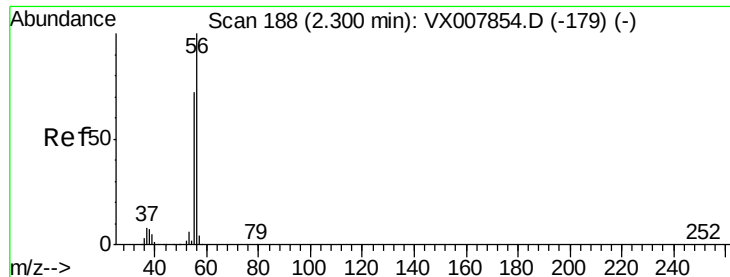
MMDadoda
3/12/2019 2:21:05 PM



#12
1,1-Dichloroethene
Concen: 50.629 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 96 Resp: 99954
Ion Ratio Lower Upper
96 100
61 155.2 129.8 194.6
98 64.1 51.0 76.6





#13

Acrolein

Concen: 277.745 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 86095

Ion Ratio Lower Upper

56 100

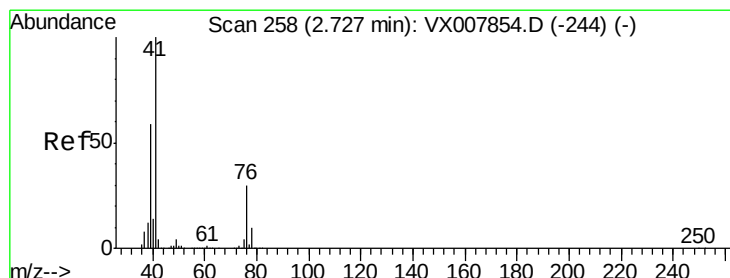
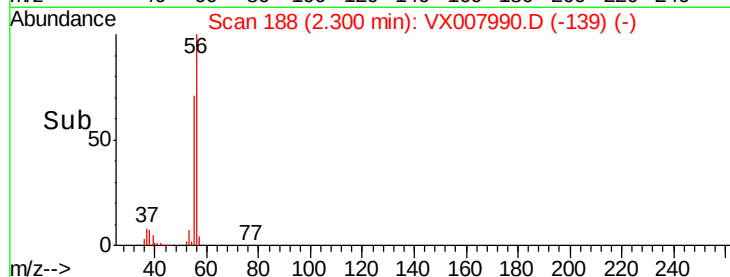
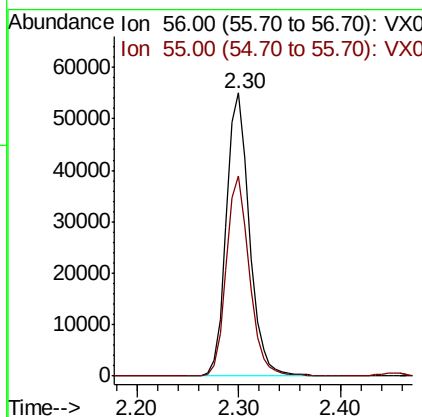
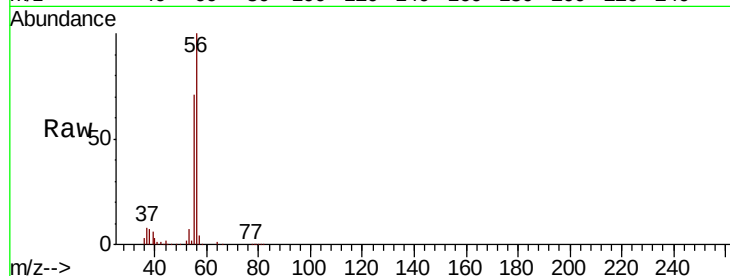
55 71.2 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

3/12/2019 2:21:05 PM



#14

Allyl chloride

Concen: 47.835 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

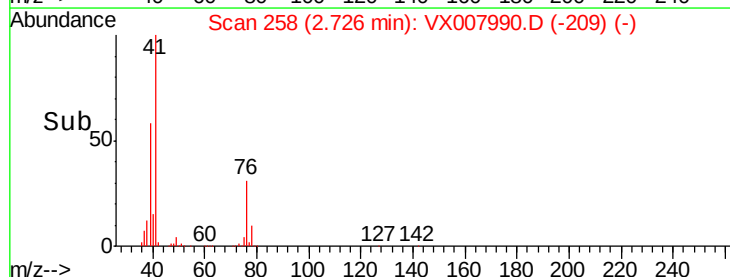
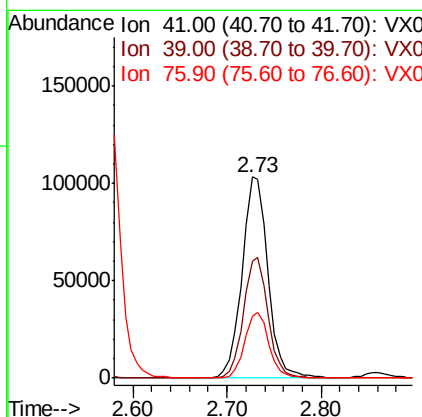
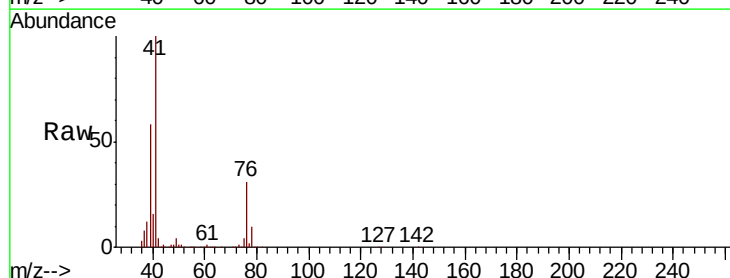
Tgt Ion: 41 Resp: 198445

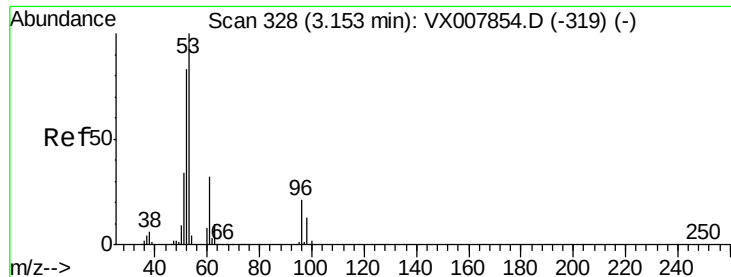
Ion Ratio Lower Upper

41 100

39 57.5 46.1 69.1

76 30.8 24.0 36.0





#15

Acrylonitrile

Concen: 245.762 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

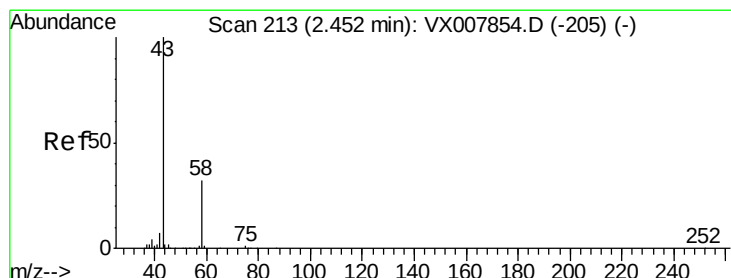
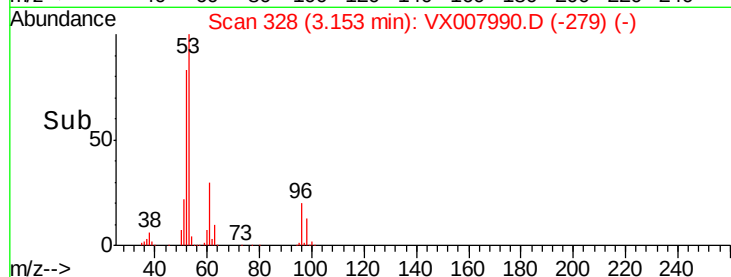
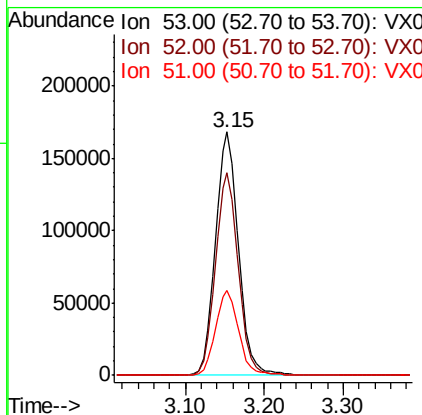
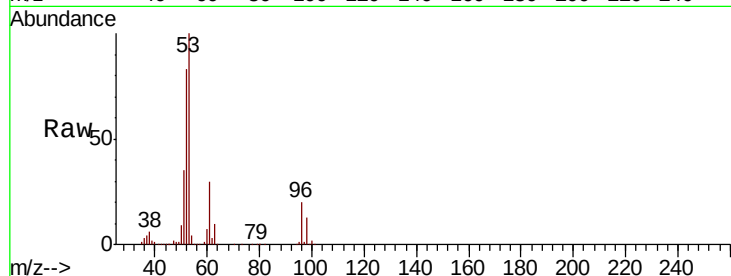
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	339577
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.0	99.0
51	35.1	28.0	42.0

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM



#16

Acetone

Concen: 197.515 ug/l

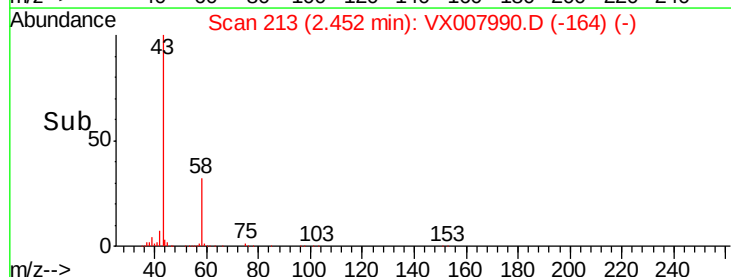
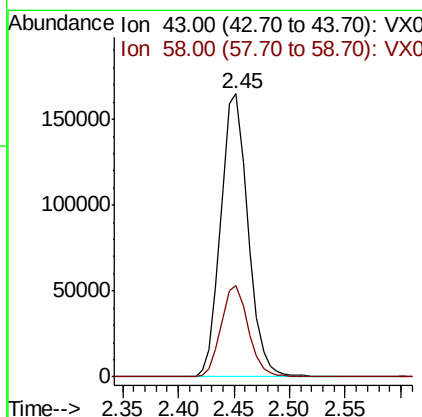
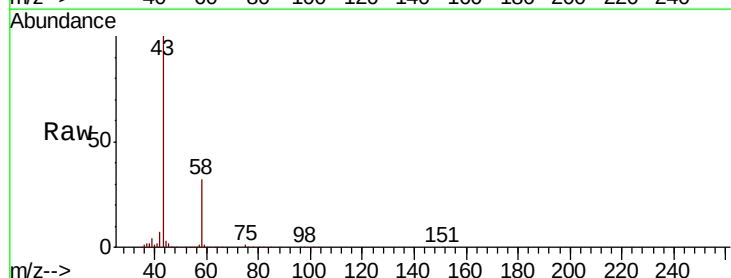
RT: 2.45 min Scan# 213

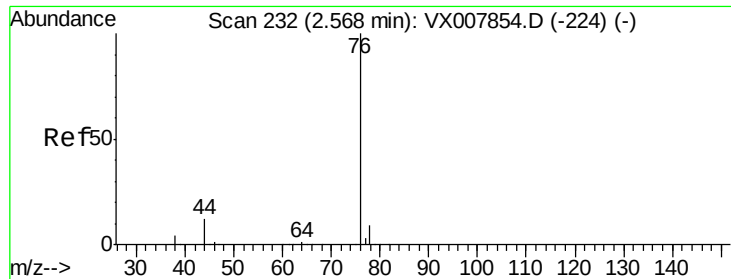
Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion:	43	Resp:	279842
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.5	38.3





#17

Carbon Disulfide

Concen: 49.379 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 296070

Ion Ratio Lower Upper

76 100

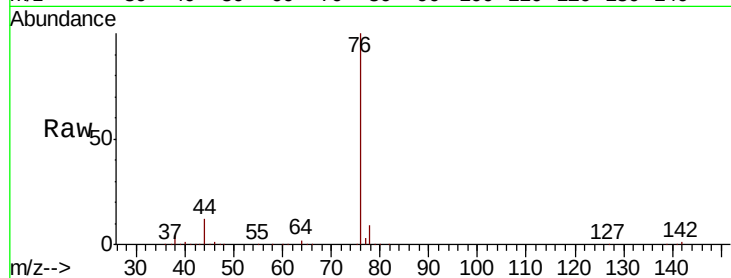
78 9.0 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

3/12/2019 2:21:05 PM



Abundance Ion 75.90 (75.60 to 76.60): VX007854.D (-224) (-)

Ion 77.90 (77.60 to 78.60): VX007854.D (-224) (-)

2.57

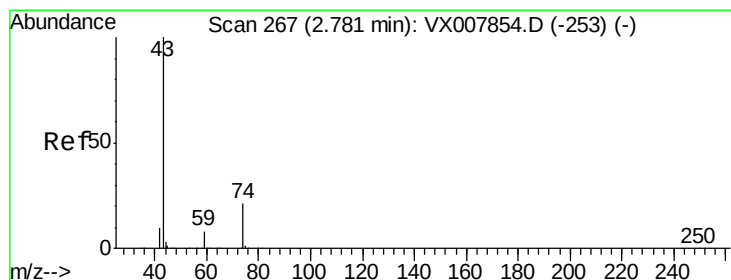
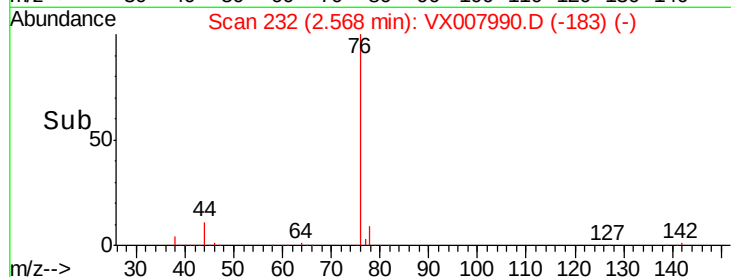
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.211 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007990.D

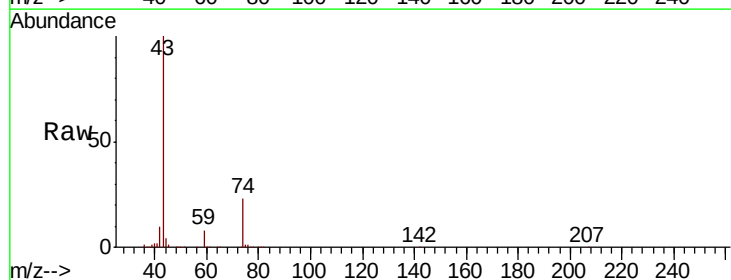
Acq: 12 Mar 2019 00:16

Tgt Ion: 43 Resp: 160163

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-253) (-)

Ion 74.00 (73.70 to 74.70): VX007854.D (-253) (-)

2.78

100000

80000

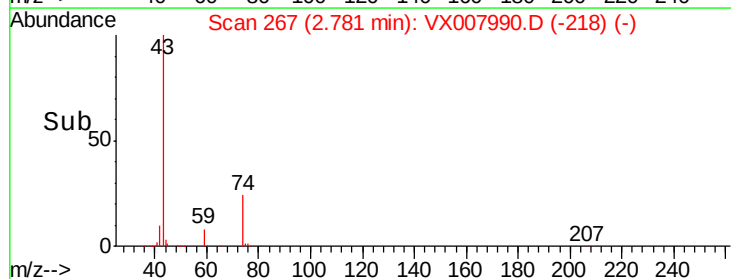
60000

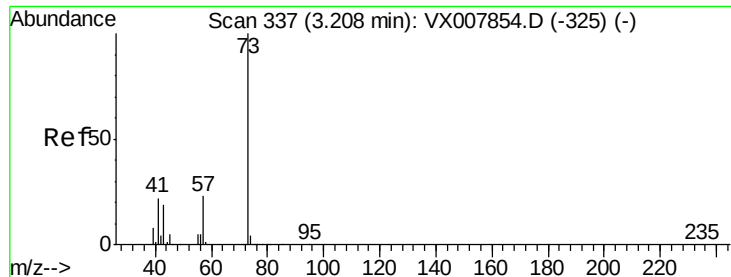
40000

20000

0

Time-->





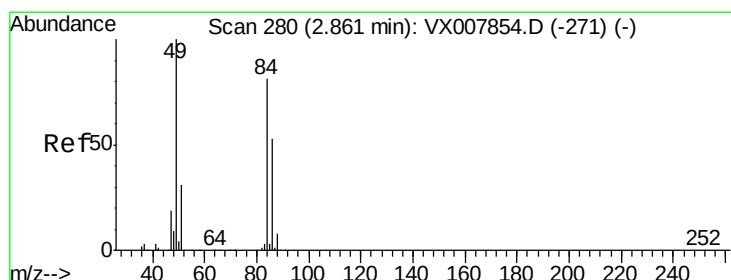
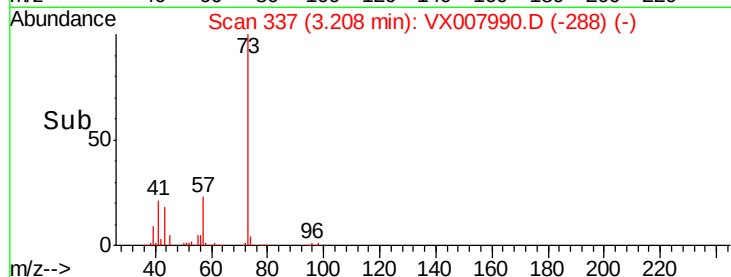
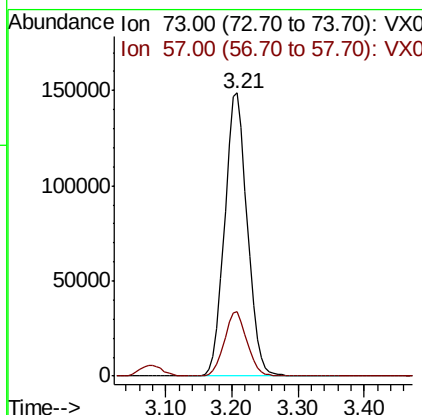
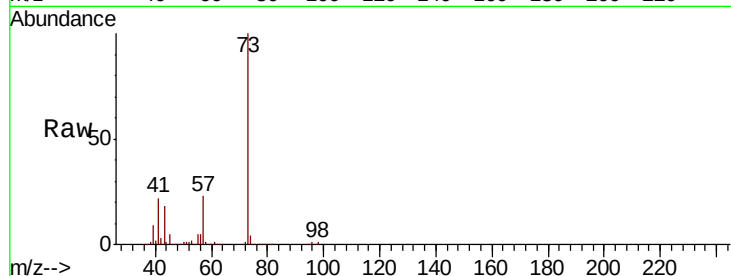
#19
Methyl tert-butyl Ether
Concen: 51.976 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 353013
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

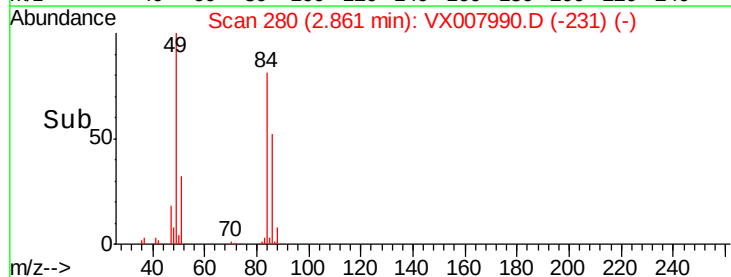
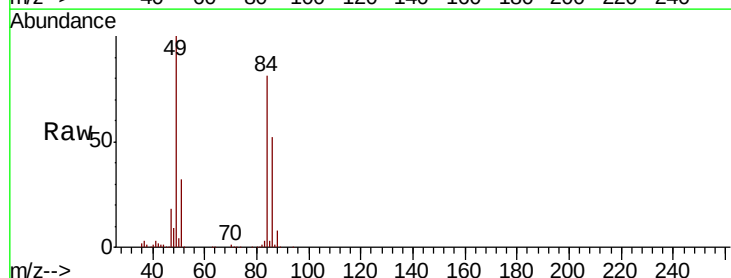
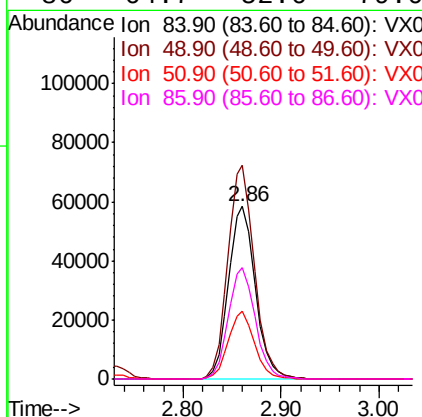
Manual Integrations
APPROVED

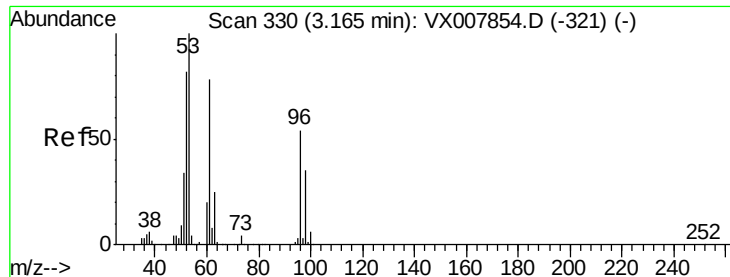
MMDadoda
3/12/2019 2:21:05 PM



#20
Methylene Chloride
Concen: 49.394 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 84 Resp: 111378
Ion Ratio Lower Upper
84 100
49 124.0 99.3 148.9
51 39.6 31.3 46.9
86 64.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.181 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 106835
Ion Ratio Lower Upper

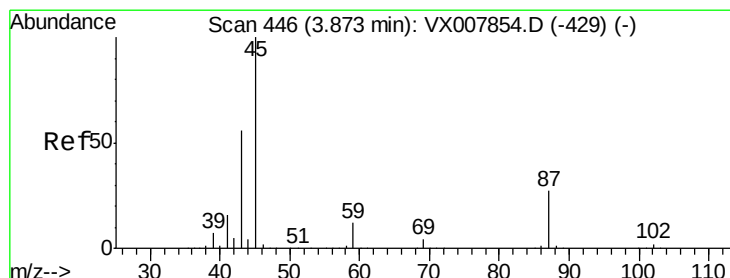
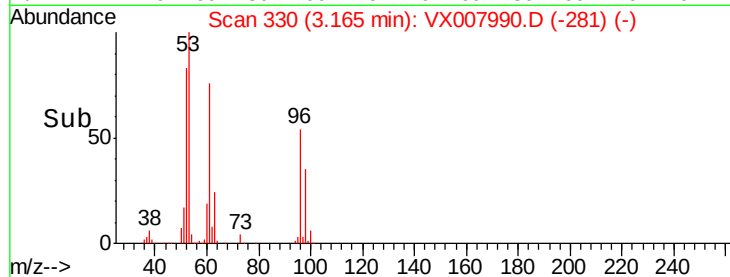
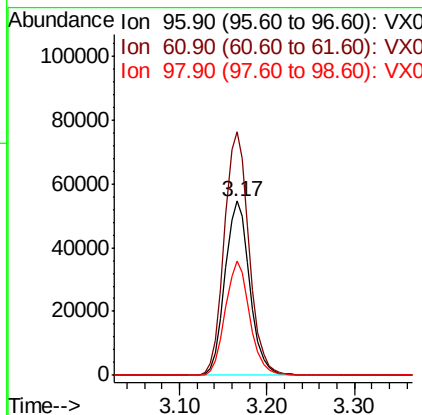
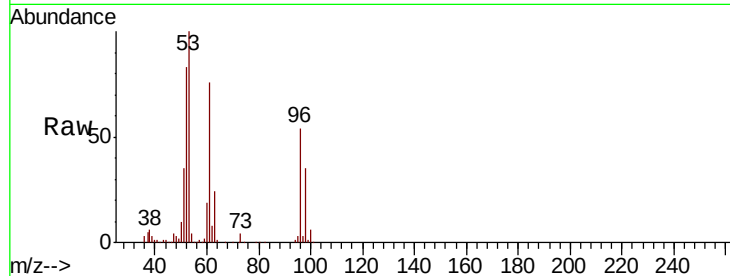
96 100

61 139.5 114.4 171.6

98 65.3 51.1 76.7

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM



#22

Diisopropyl ether

Concen: 48.935 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

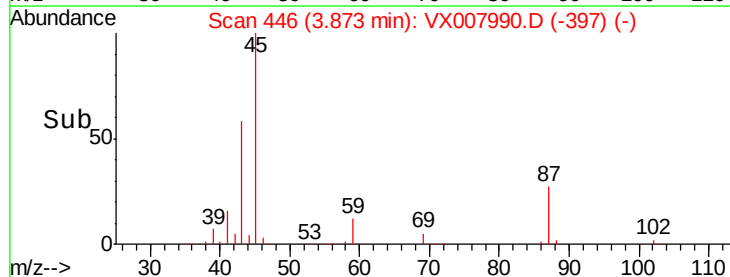
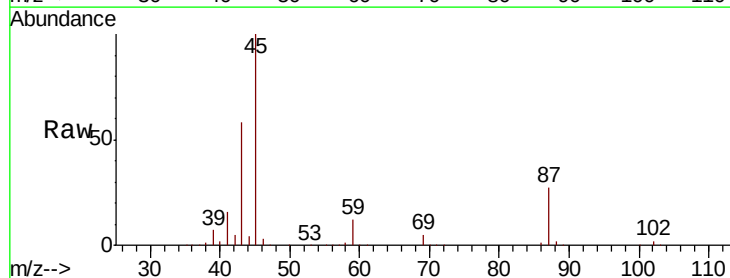
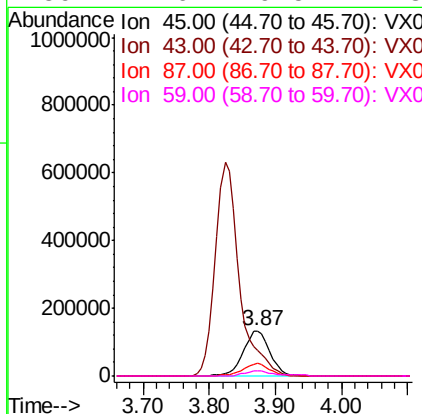
Tgt Ion: 45 Resp: 372135
Ion Ratio Lower Upper

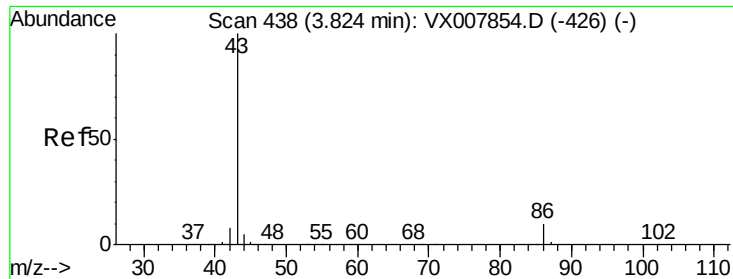
45 100

43 57.5 45.3 67.9

87 27.3 21.4 32.0

59 11.6 9.5 14.3





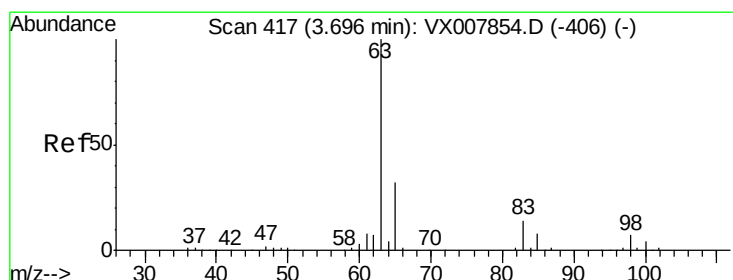
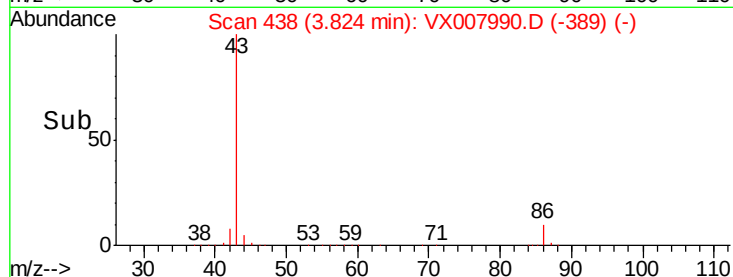
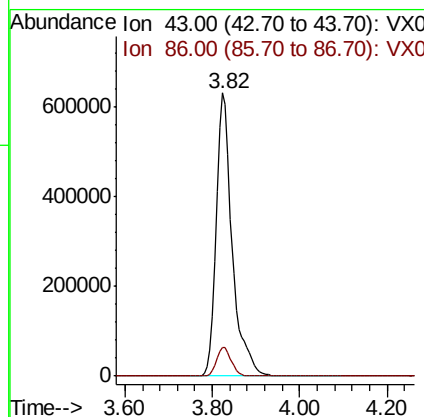
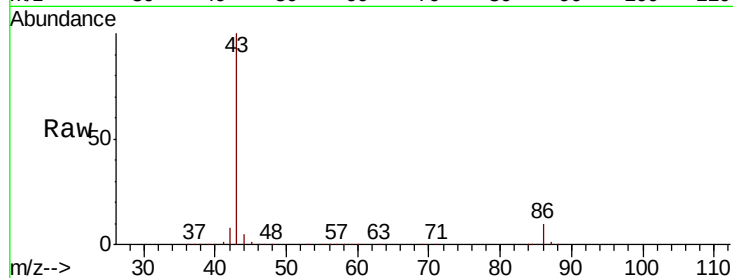
#23
 Vinyl Acetate
 Concen: 241.561 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1610893
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

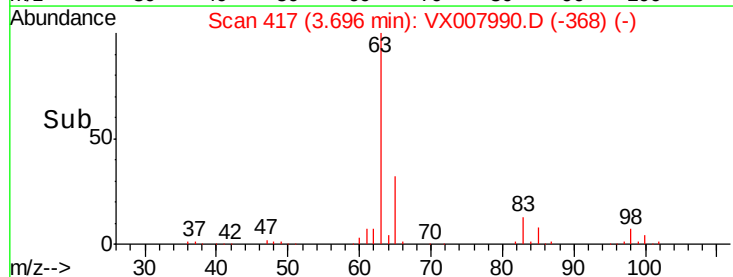
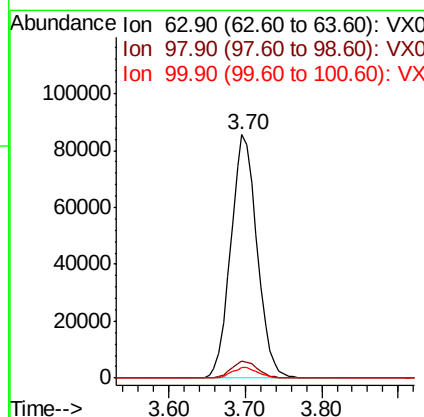
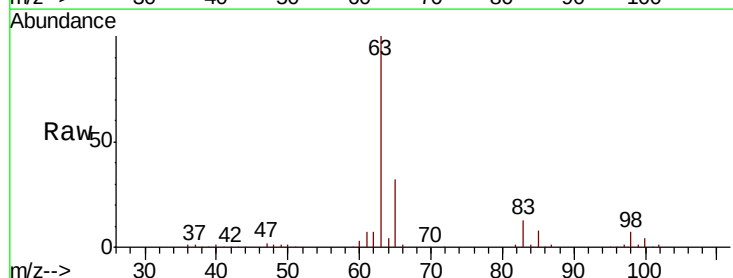
Manual Integrations
 APPROVED

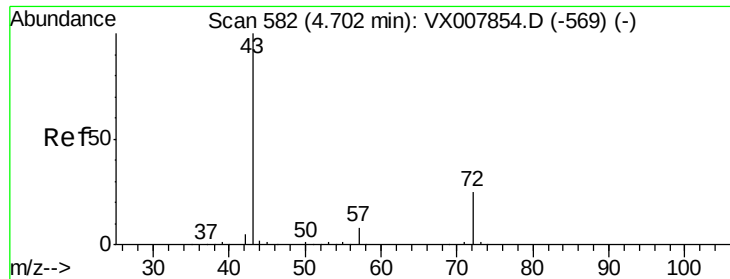
MMDadoda
 3/12/2019 2:21:05 PM



#24
 1,1-Dichloroethane
 Concen: 49.722 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 63 Resp: 203483
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 229.798 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 460939

Ion Ratio Lower Upper

43 100

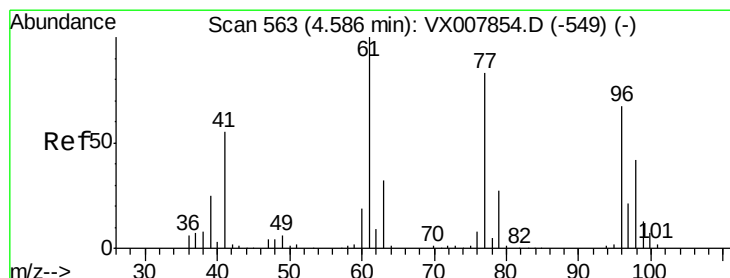
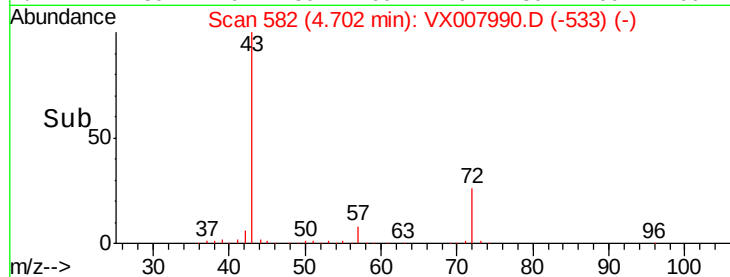
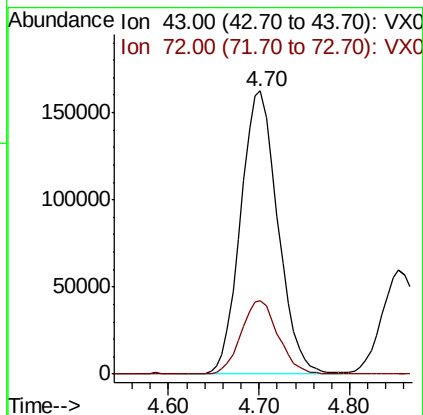
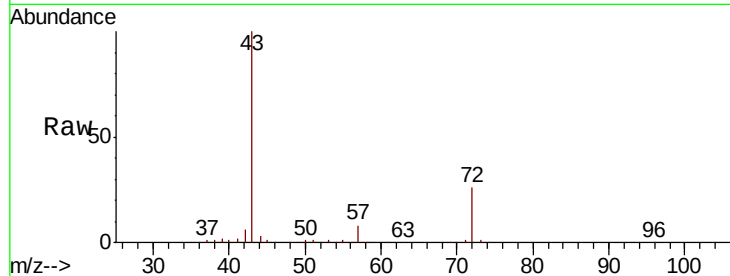
72 25.7 19.9 29.9

Manual Integrations

APPROVED

MMDadoda

3/12/2019 2:21:05 PM



#26

2,2-Dichloropropane

Concen: 43.787 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007990.D

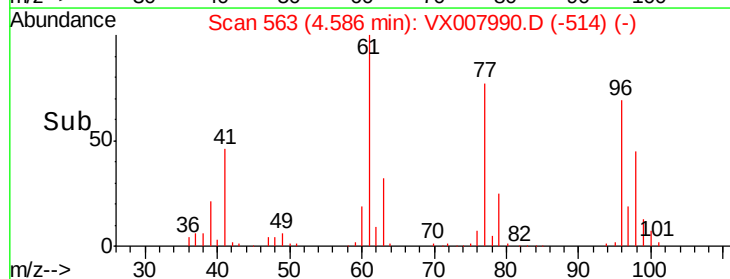
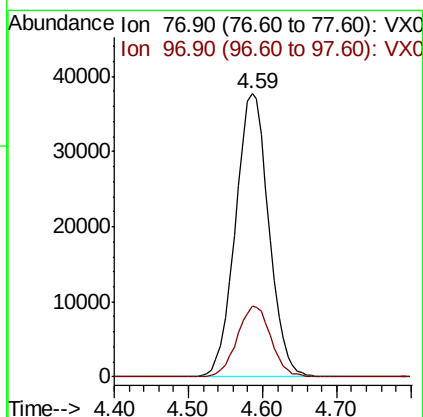
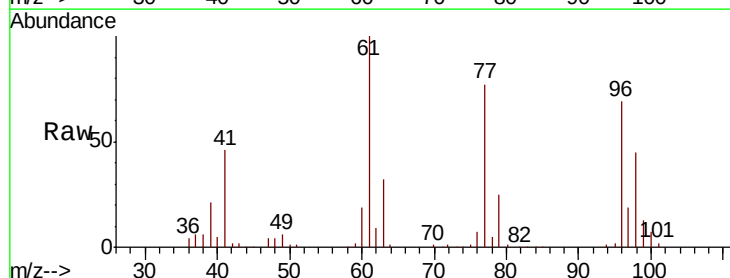
Acq: 12 Mar 2019 00:16

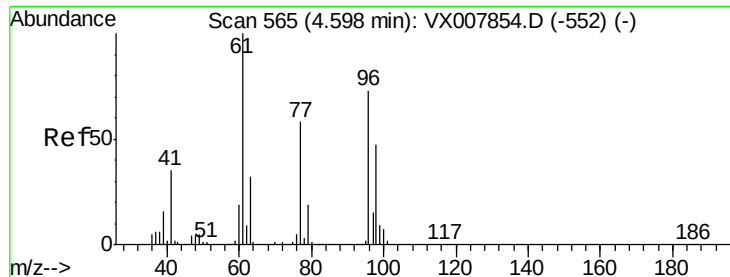
Tgt Ion: 77 Resp: 118718

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6





#27

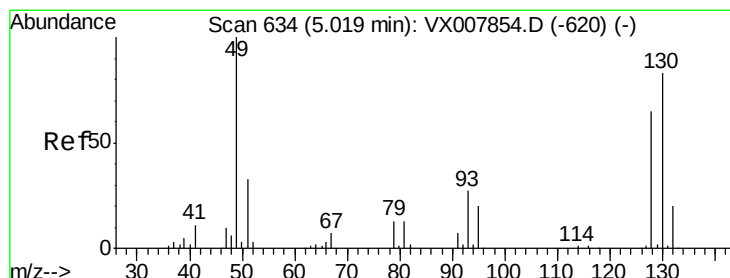
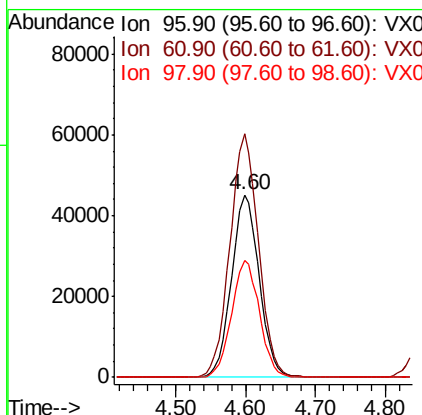
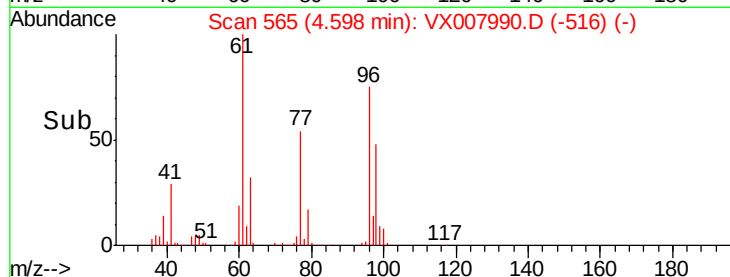
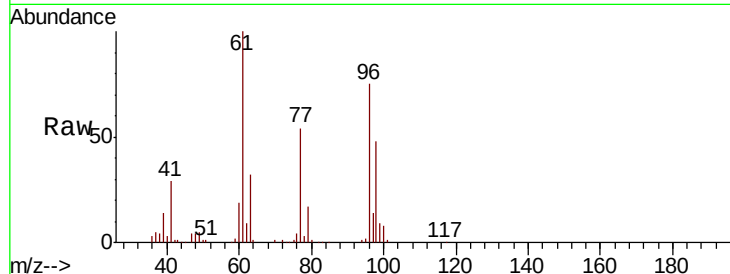
cis-1,2-Dichloroethene
Concen: 49.938 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	288.0
98	64.6	0.0	129.0

Manual Integrations
APPROVED

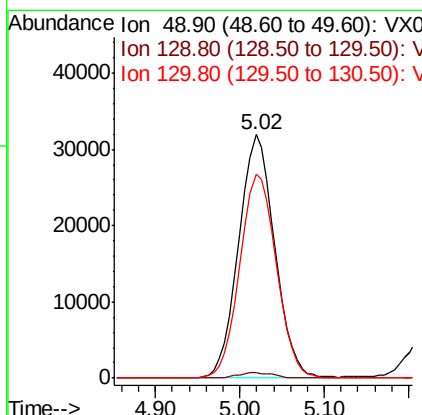
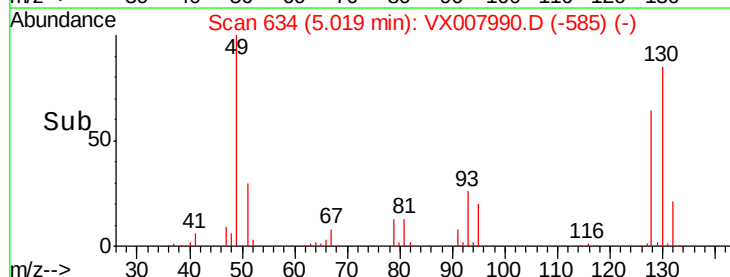
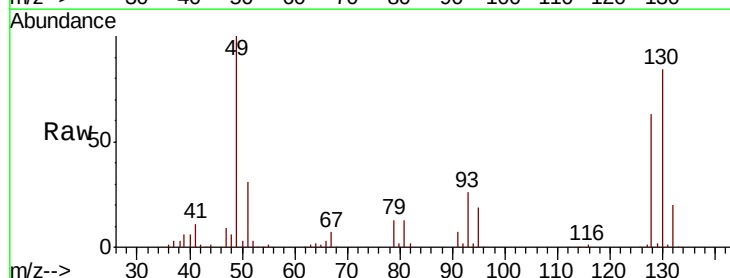
MMDadoda
3/12/2019 2:21:05 PM

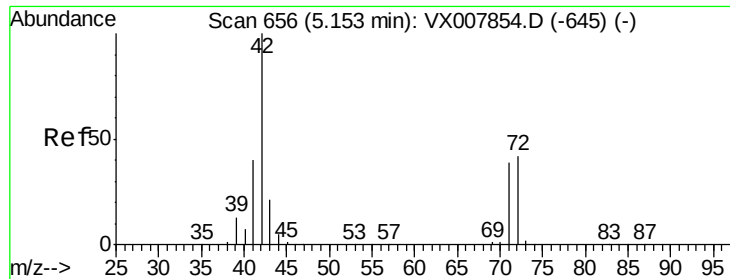


#28

Bromochloromethane
Concen: 48.632 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	84.9	65.0	97.4





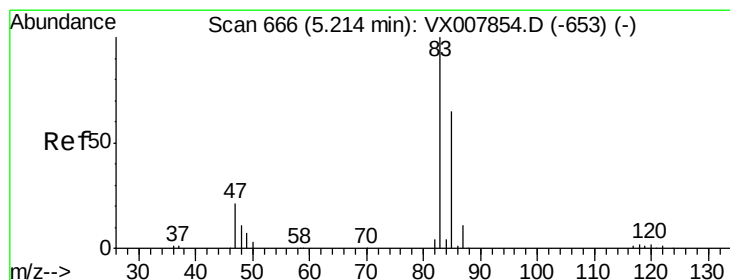
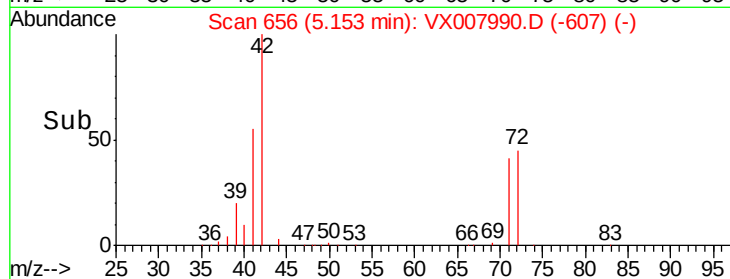
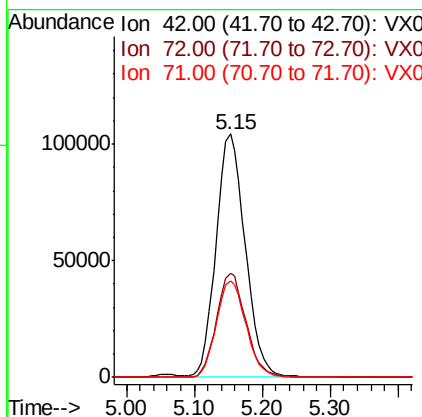
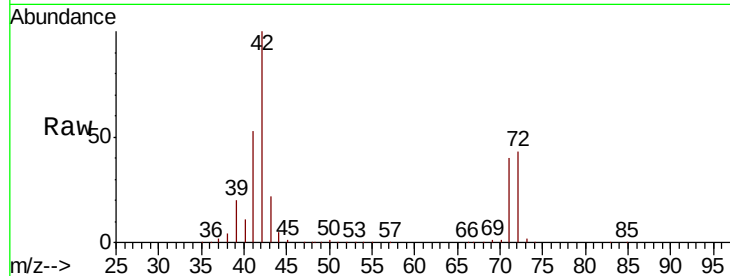
#29
Tetrahydrofuran
Concen: 247.708 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.3	33.8	50.6
71	40.4	31.5	47.3

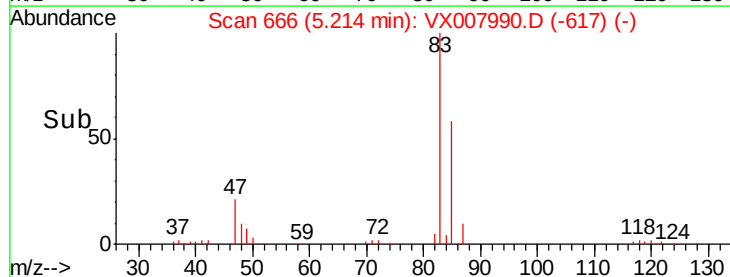
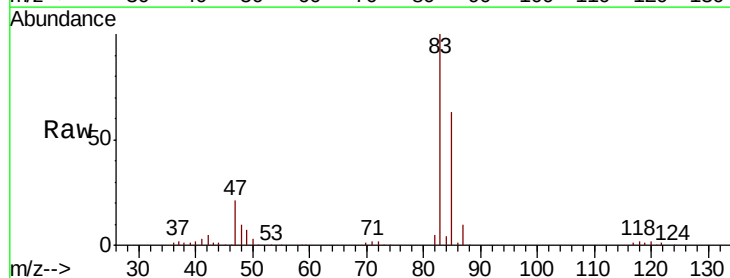
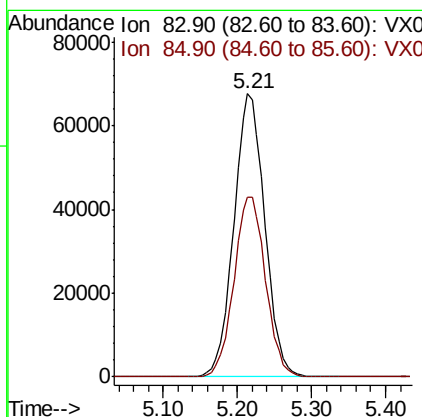
Manual Integrations
APPROVED

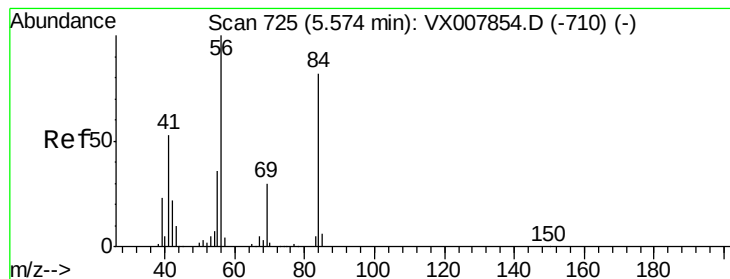
MMDadoda
3/12/2019 2:21:05 PM



#30
Chloroform
Concen: 50.750 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6





#31

Cyclohexane

Concen: 48.883 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

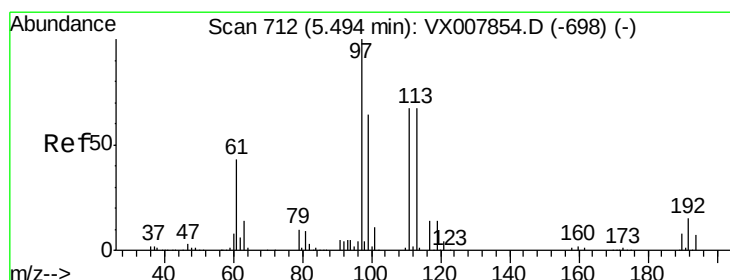
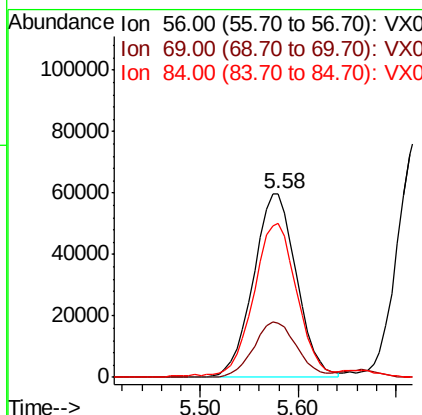
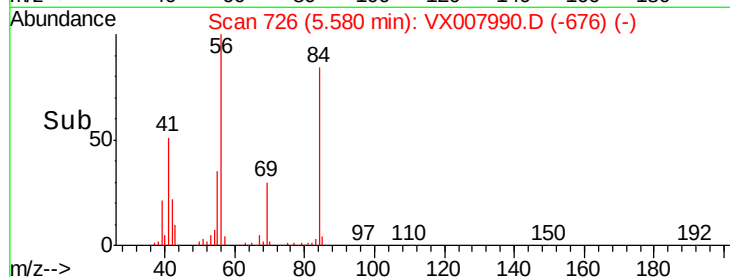
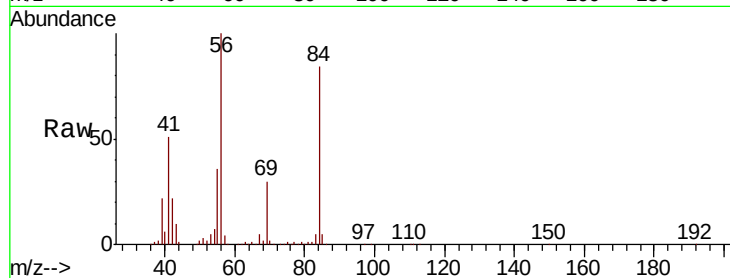
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	183859
Ion Ratio	Lower	Upper	
56	100		
69	29.7	24.0	36.0
84	82.8	65.3	97.9

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM



#32

1,1,1-Trichloroethane

Concen: 51.841 ug/l

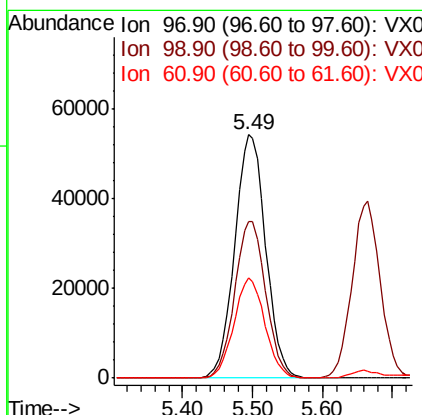
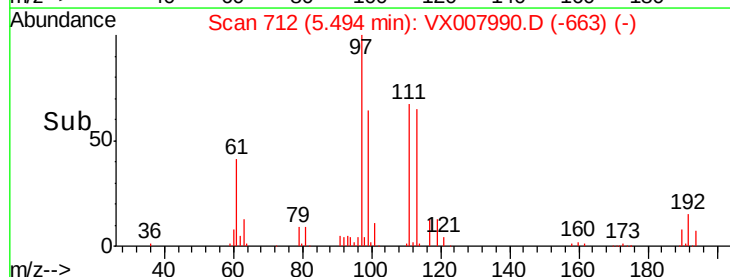
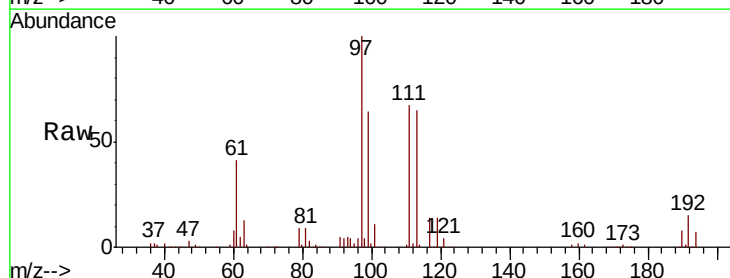
RT: 5.49 min Scan# 712

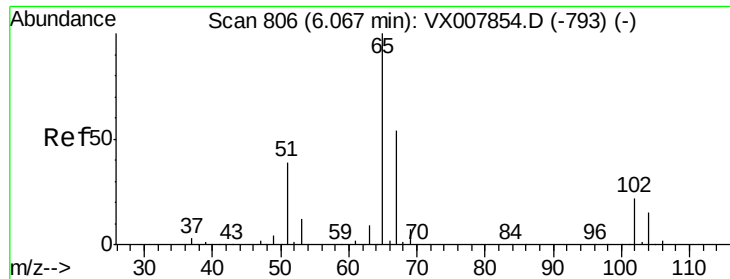
Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion:	97	Resp:	166510
Ion Ratio	Lower	Upper	
97	100		
99	64.5	52.2	78.2
61	41.3	34.9	52.3





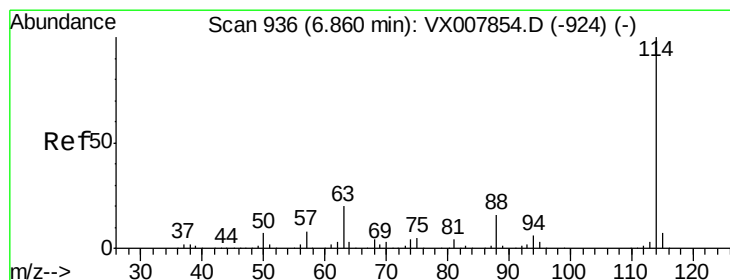
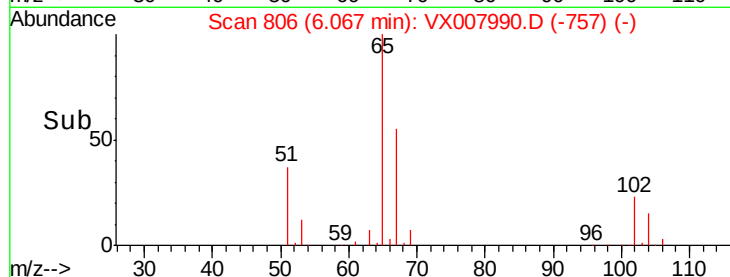
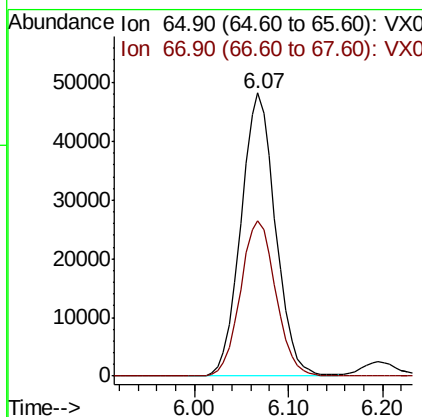
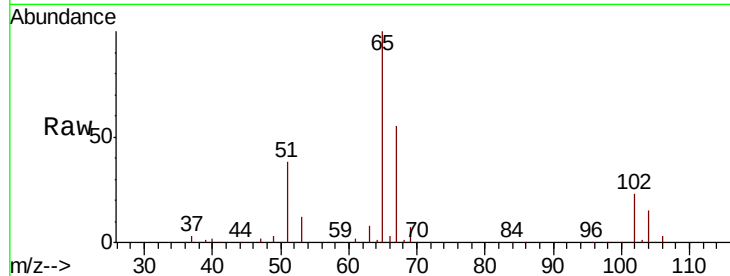
#33
 1,2-Dichloroethane-d4
 Concen: 50.556 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 123751
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.0

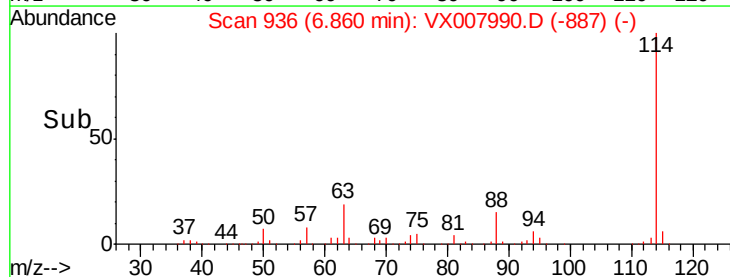
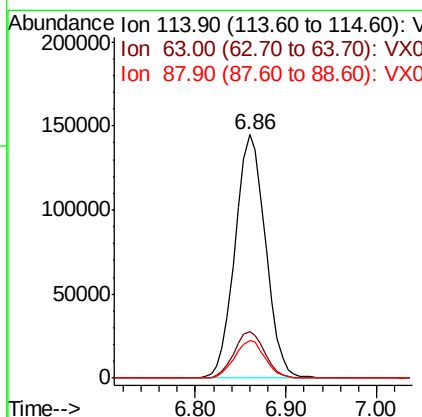
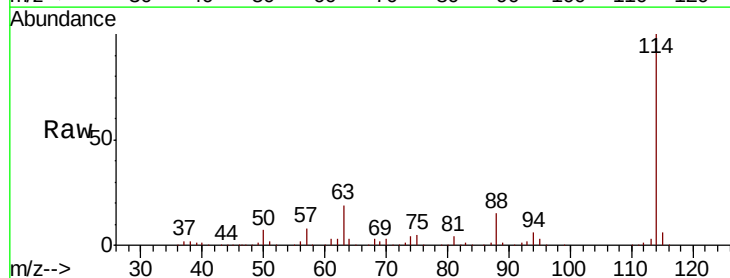
Manual Integrations
 APPROVED

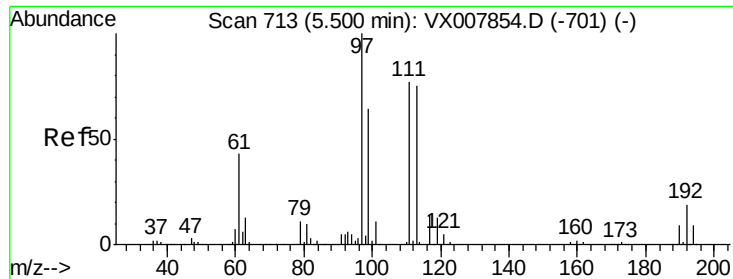
MMDadoda
 3/12/2019 2:21:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 114 Resp: 337784
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.2 0.0 31.4





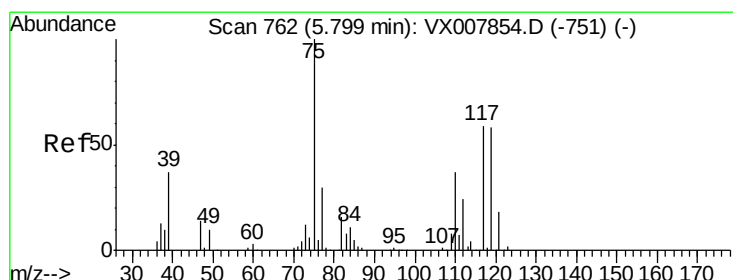
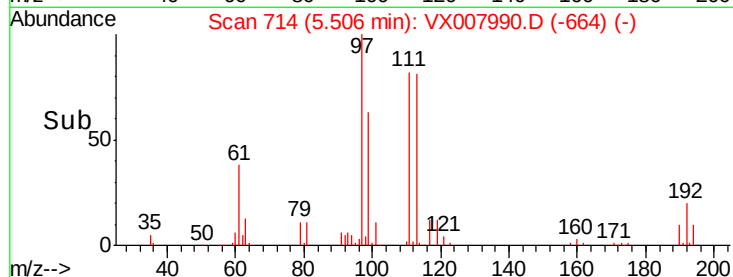
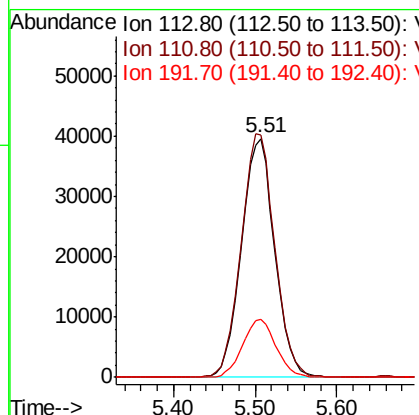
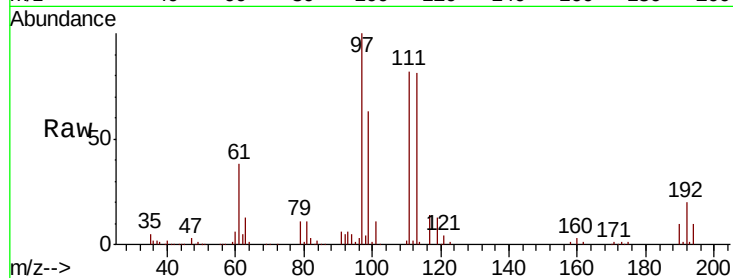
#35
 Dibromofluoromethane
 Concen: 51.726 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	111764		
111	103.2	81.4	122.0	
192	24.5	19.4	29.0	

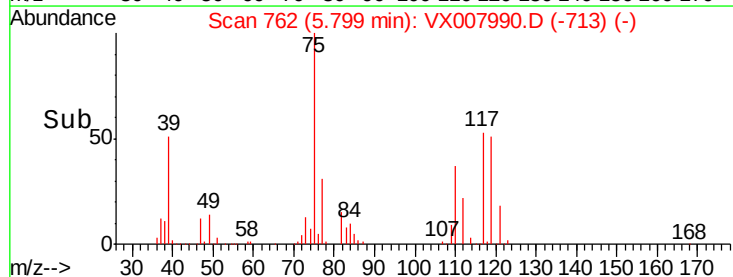
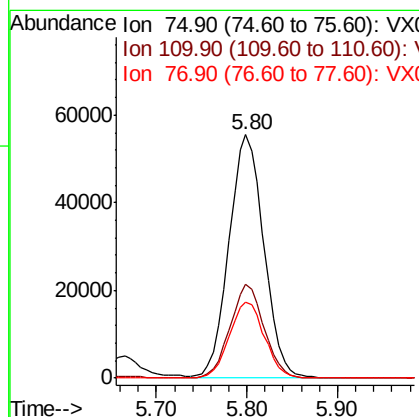
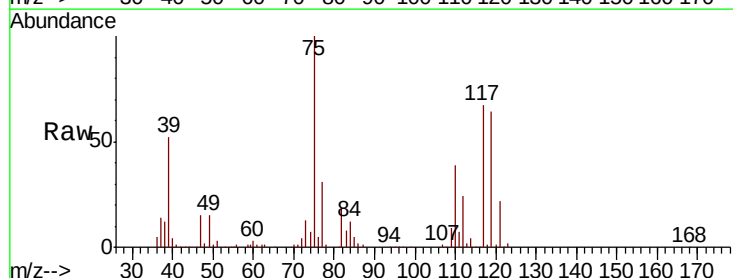
Manual Integrations
 APPROVED

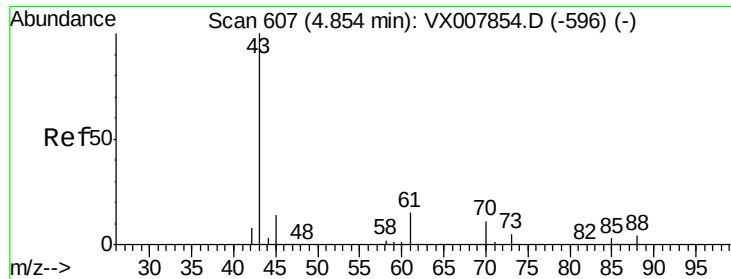
MMDadoda
 3/12/2019 2:21:05 PM



#36
 1,1-Dichloropropene
 Concen: 48.262 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147613		
110	37.8	18.4	55.0	
77	31.9	25.0	37.4	





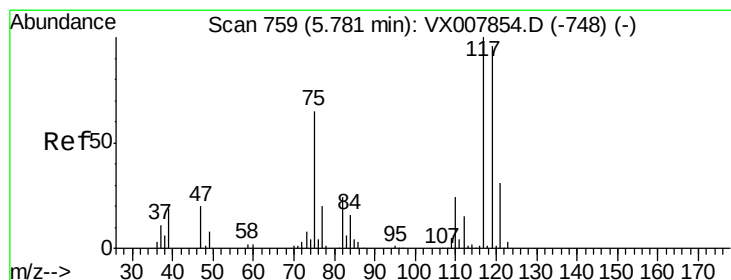
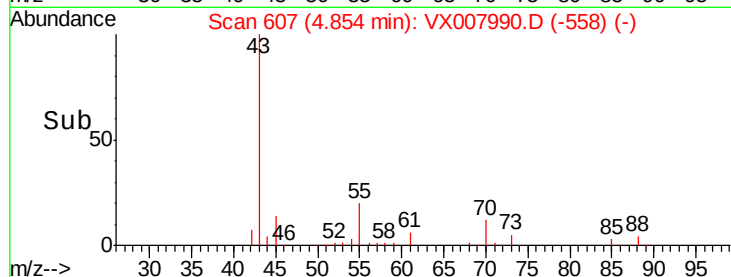
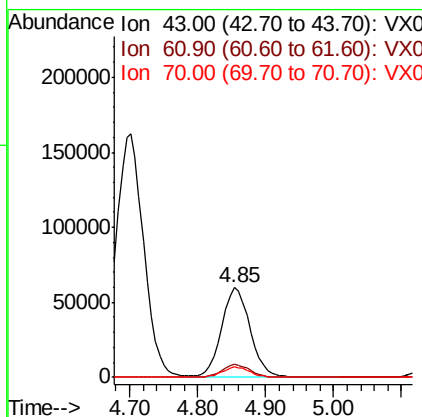
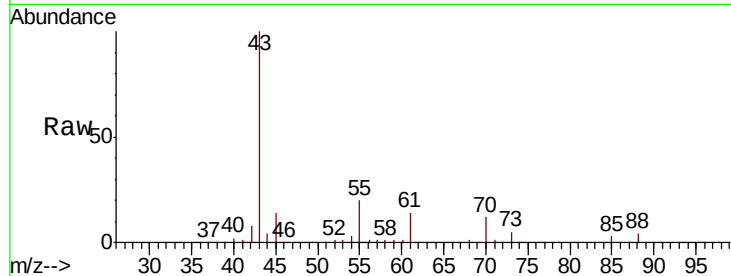
#37
Ethyl Acetate
Concen: 47.896 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.2	8.5	12.7

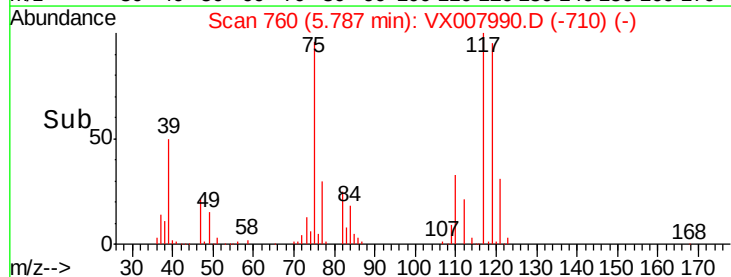
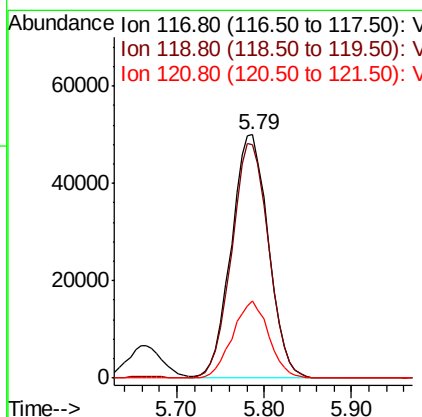
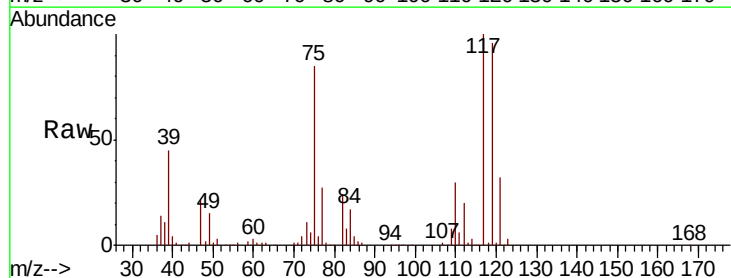
Manual Integrations
APPROVED

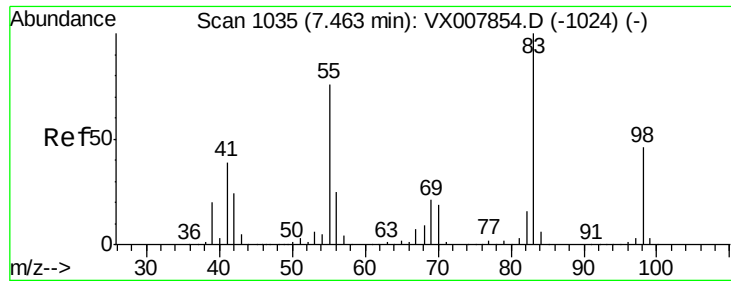
MMDadoda
3/12/2019 2:21:05 PM



#38
Carbon Tetrachloride
Concen: 50.708 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.2
121	31.6	24.6	36.8





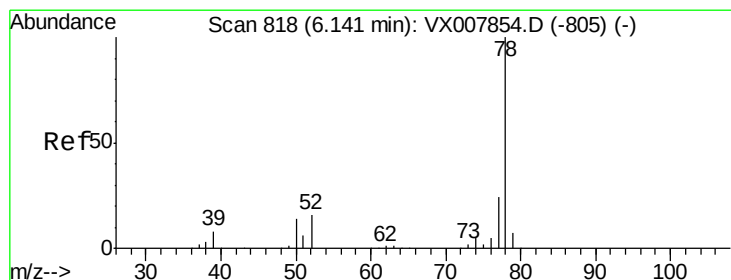
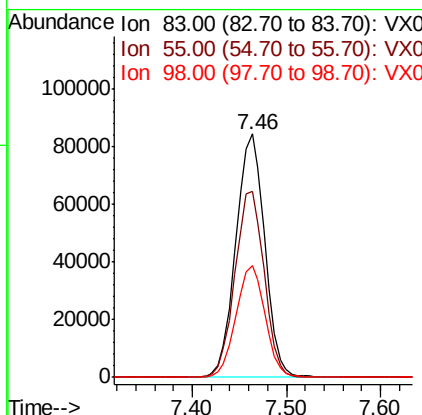
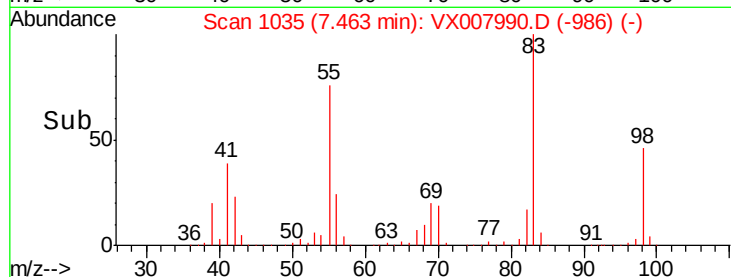
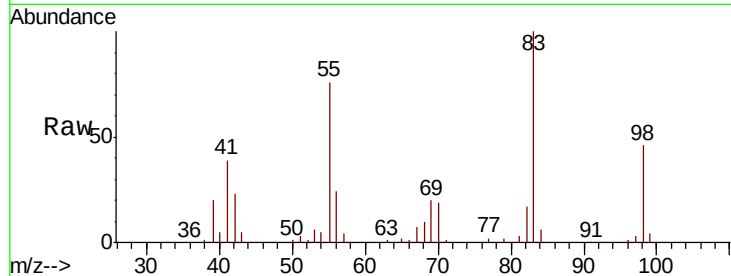
#39
Methylcyclohexane
Concen: 48.804 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	180875		
55	76.2	60.4	90.6	
98	45.7	36.5	54.7	

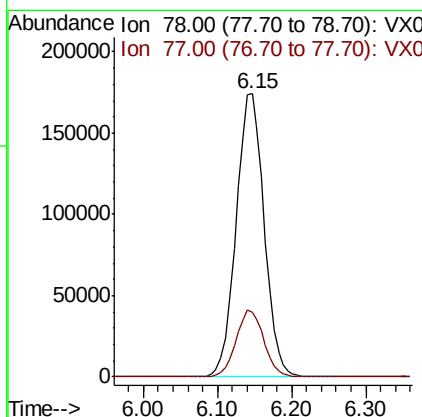
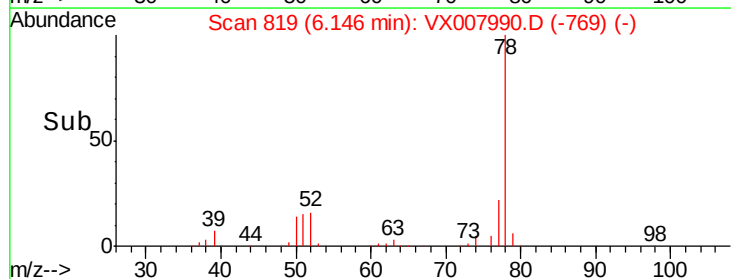
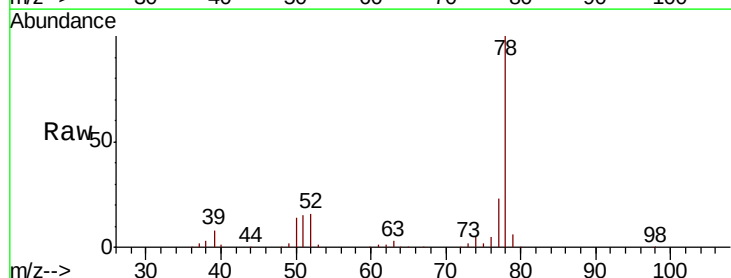
Manual Integrations
APPROVED

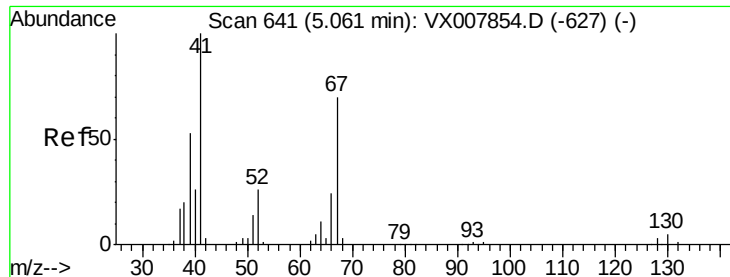
MMDadoda
3/12/2019 2:21:05 PM



#40
Benzene
Concen: 50.391 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	458838		
77	22.9	19.0	28.4	





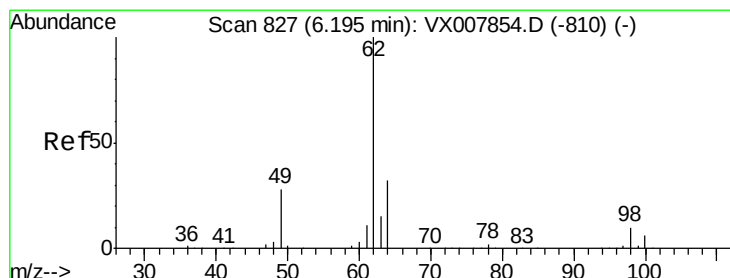
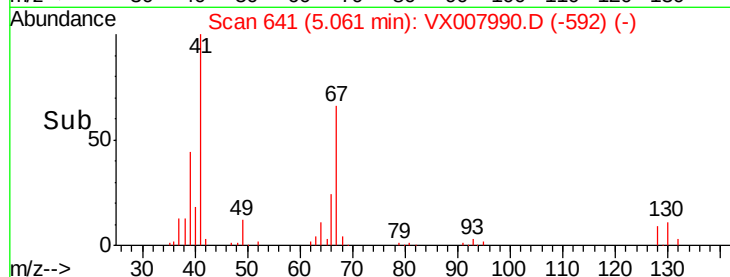
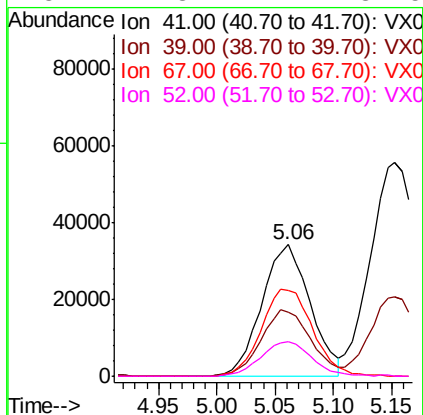
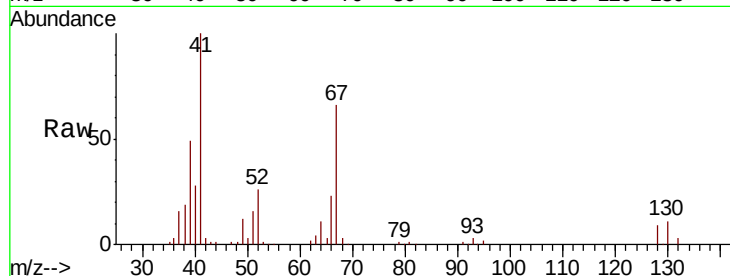
#41
Methacrylonitrile
Concen: 49.679 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	41.6	62.4	
67	70.4	55.8	83.6	
52	27.3	21.7	32.5	

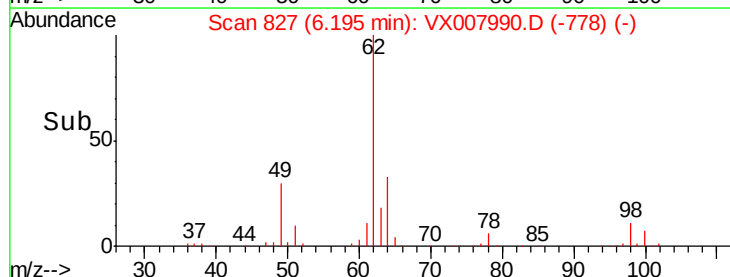
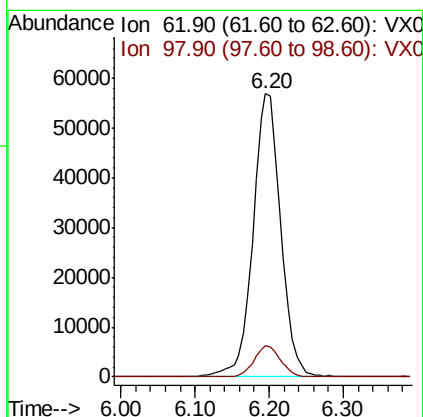
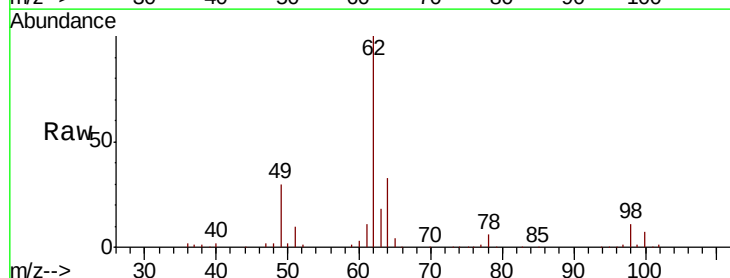
Manual Integrations
APPROVED

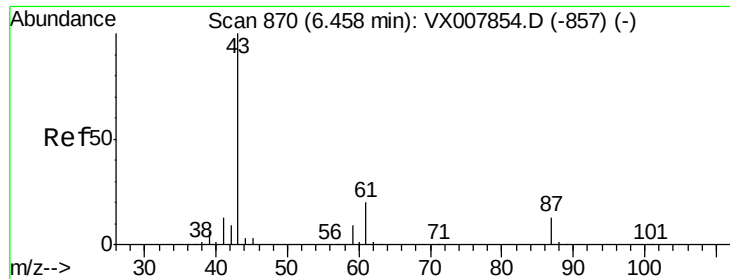
MMDadoda
3/12/2019 2:21:05 PM



#42
1,2-Dichloroethane
Concen: 49.771 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.4	





#43

Isopropyl Acetate

Concen: 50.060 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

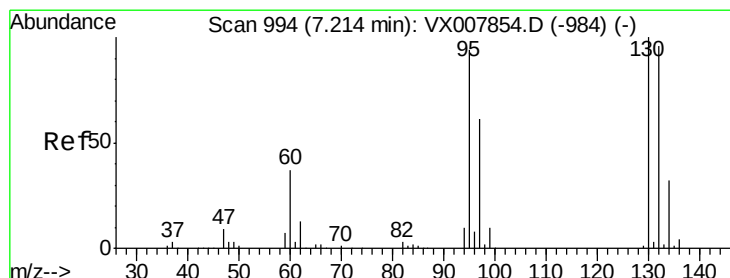
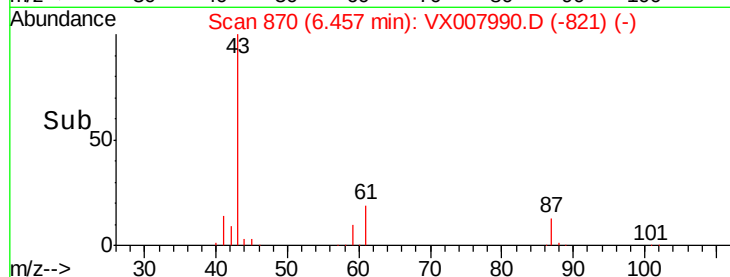
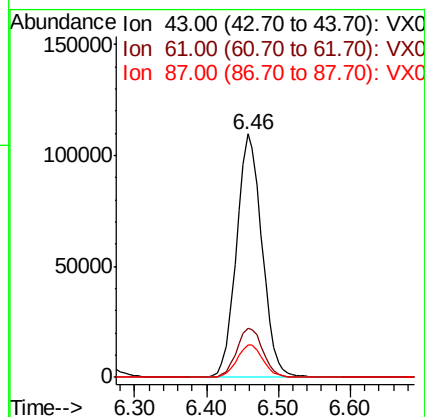
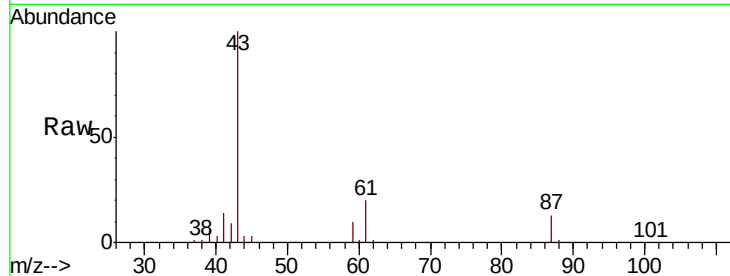
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	268905
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.3	24.5
87	13.7	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM



#44

Trichloroethene

Concen: 59.629 ug/l

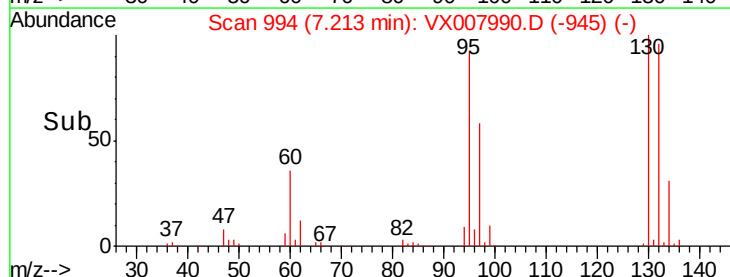
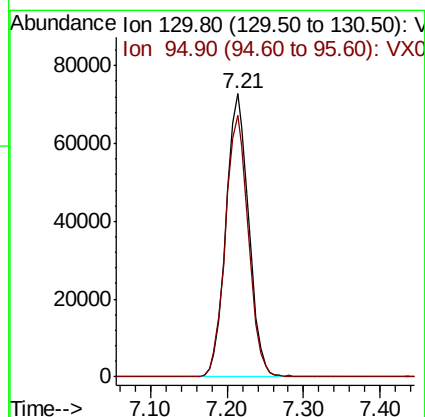
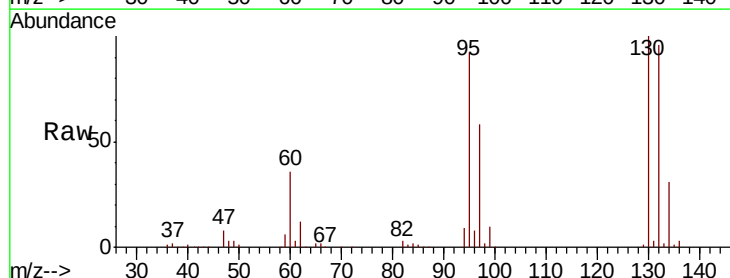
RT: 7.21 min Scan# 994

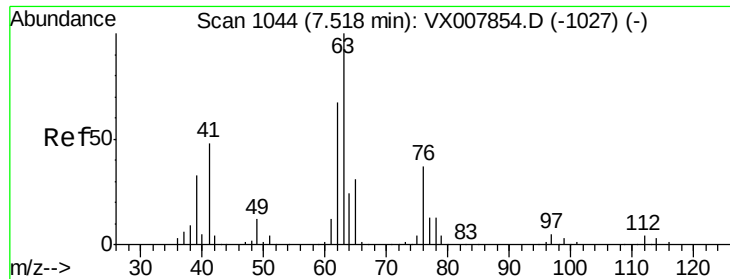
Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion:	130	Resp:	149628
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	188.0





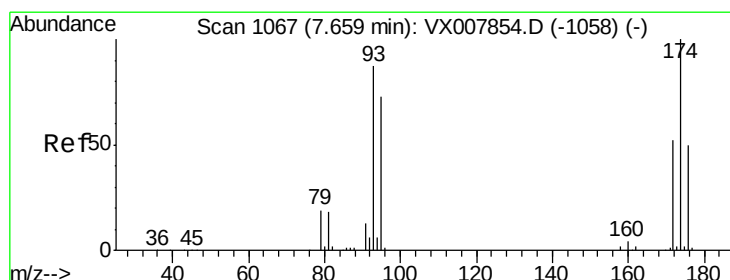
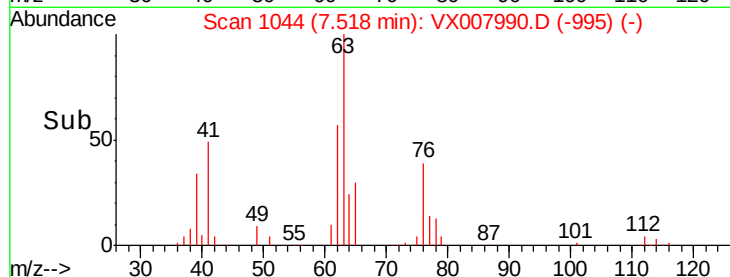
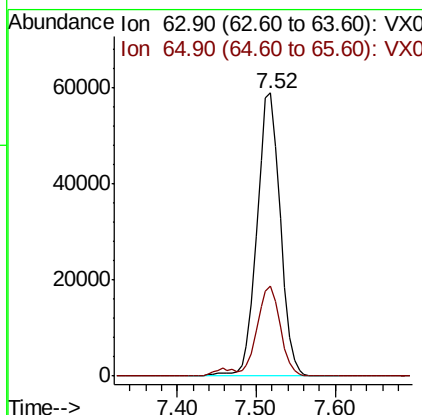
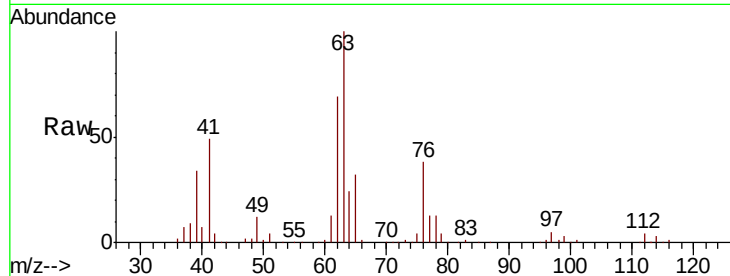
#45
 1,2-Dichloropropane
 Concen: 50.437 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 121298
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

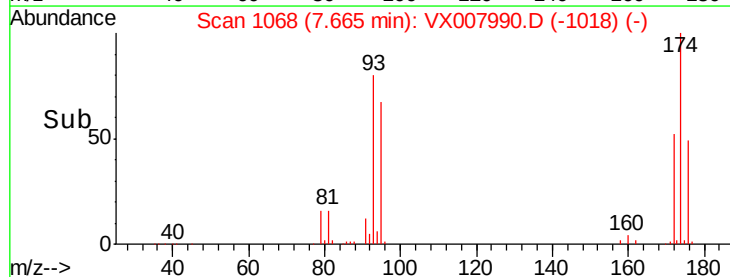
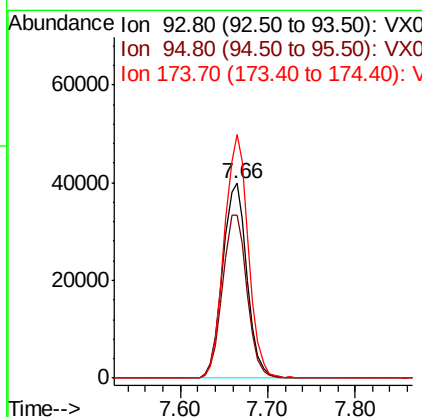
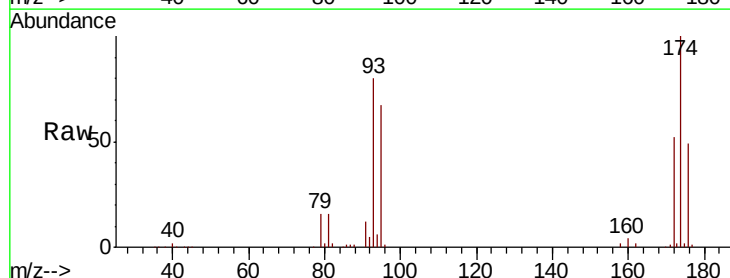
Manual Integrations
 APPROVED

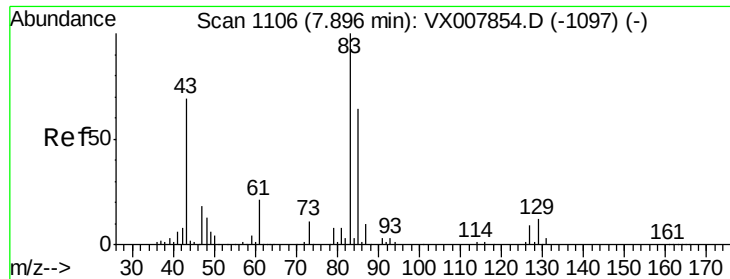
MMDadoda
 3/12/2019 2:21:05 PM



#46
 Dibromomethane
 Concen: 50.502 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 93 Resp: 76862
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.8 100.2
 174 123.6 97.3 145.9





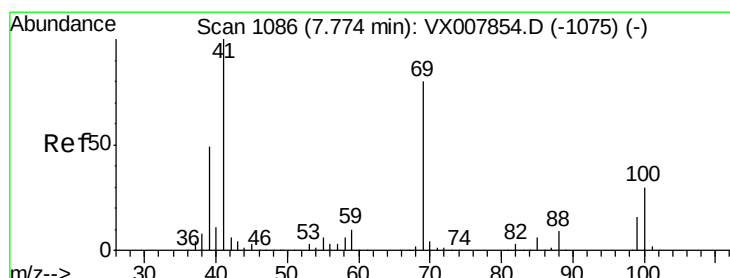
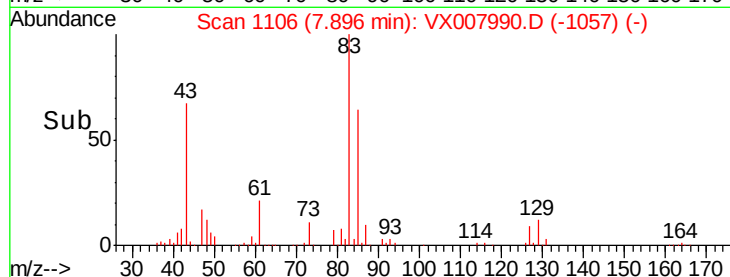
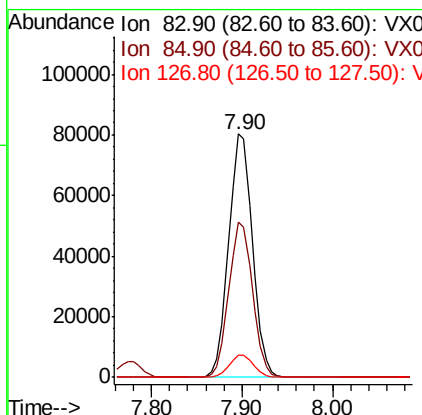
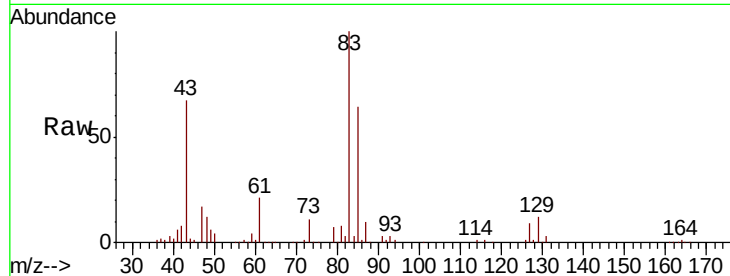
#47
 Bromodichloromethane
 Concen: 50.696 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 146288
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.9 76.3
 127 9.1 7.4 11.0

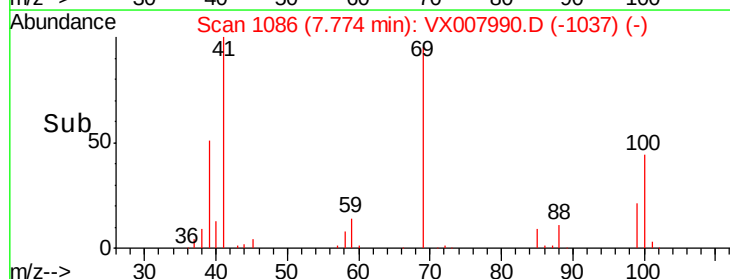
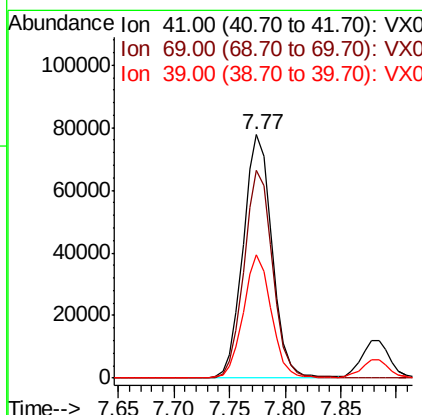
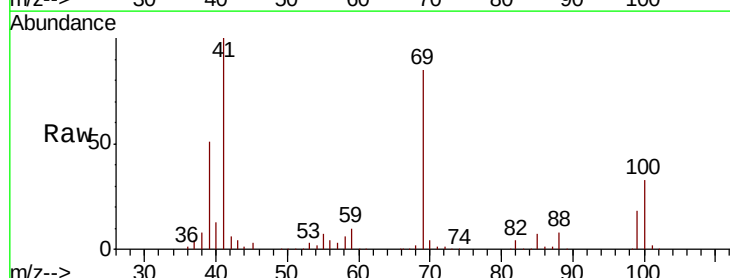
Manual Integrations
 APPROVED

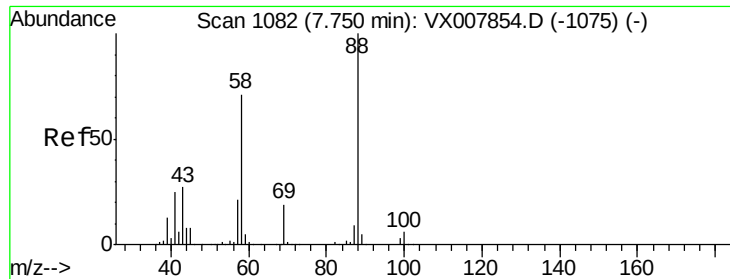
MMDadoda
 3/12/2019 2:21:05 PM



#48
 Methyl methacrylate
 Concen: 49.696 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 41 Resp: 140350
 Ion Ratio Lower Upper
 41 100
 69 84.7 65.2 97.8
 39 49.1 39.4 59.2





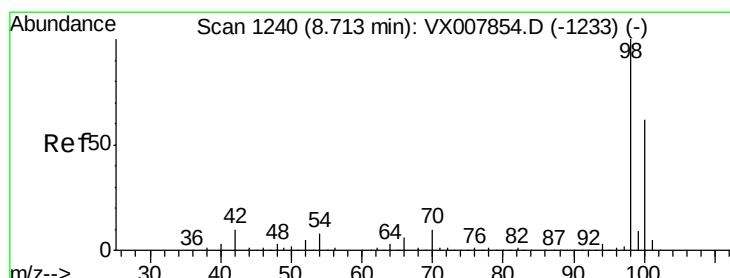
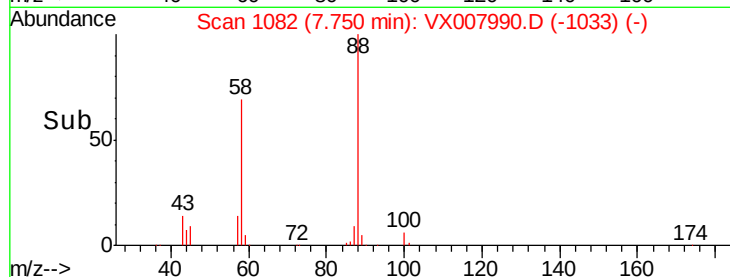
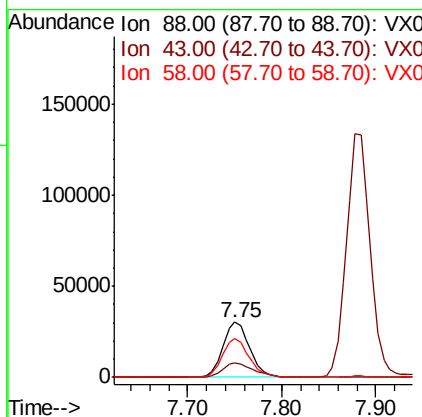
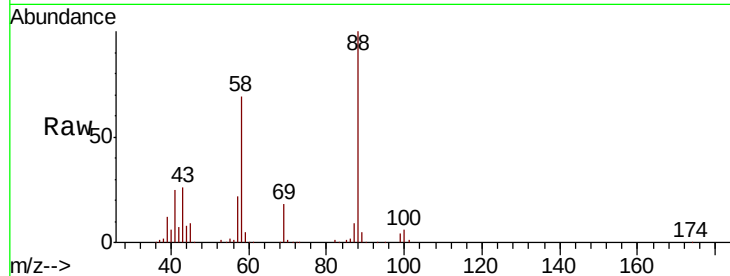
#49
1,4-Dioxane
Concen: 1022.611 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.1	37.7
58	70.8	57.8	86.6

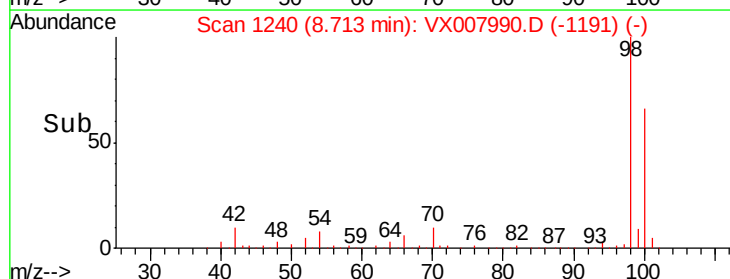
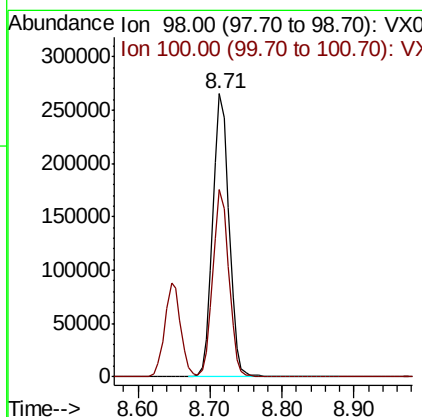
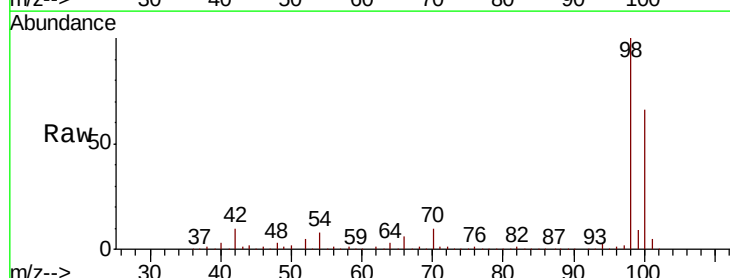
Manual Integrations
APPROVED

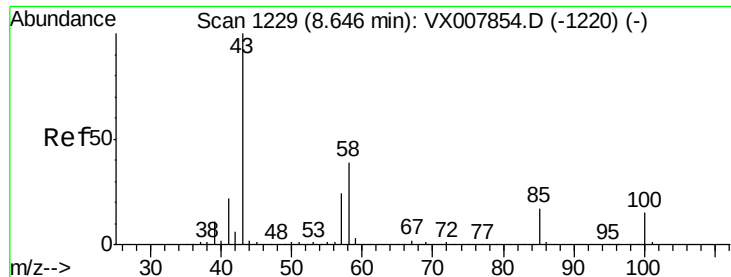
MMDadoda
3/12/2019 2:21:05 PM



#50
Toluene-d8
Concen: 52.326 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 250.376 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 864930

Ion Ratio Lower Upper

43 100

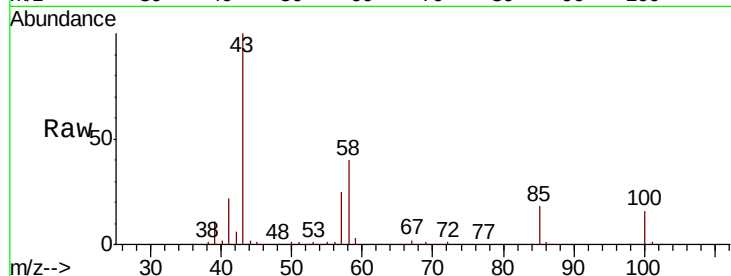
58 39.8 31.3 46.9

Manual Integrations

APPROVED

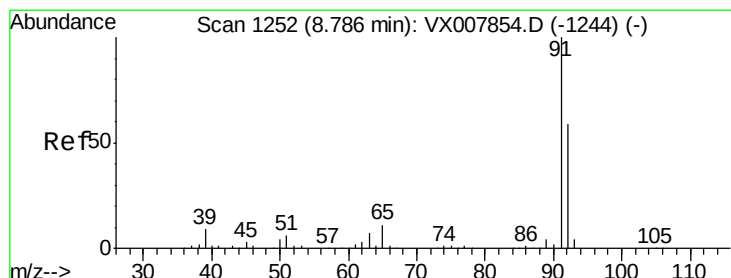
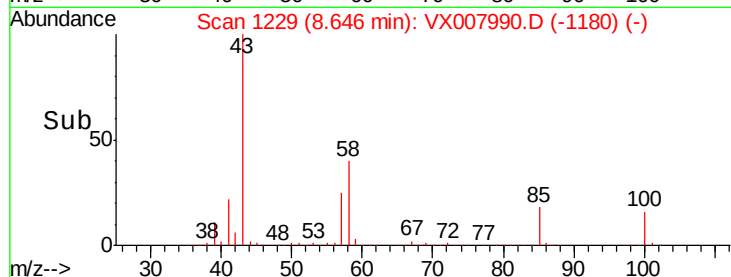
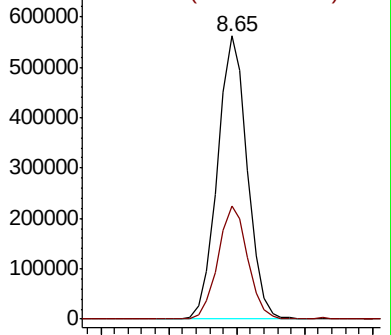
MMDadoda

3/12/2019 2:21:05 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.908 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007990.D

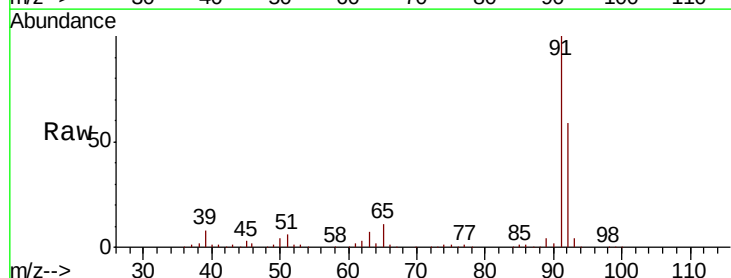
Acq: 12 Mar 2019 00:16

Tgt Ion: 92 Resp: 283006

Ion Ratio Lower Upper

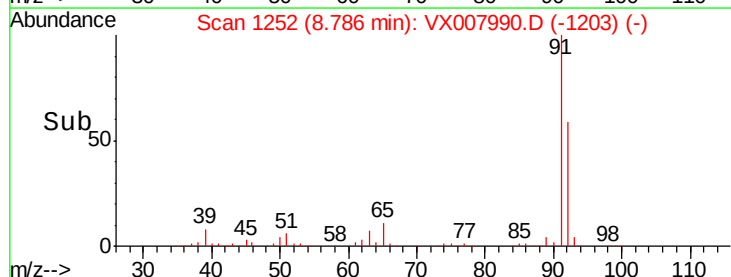
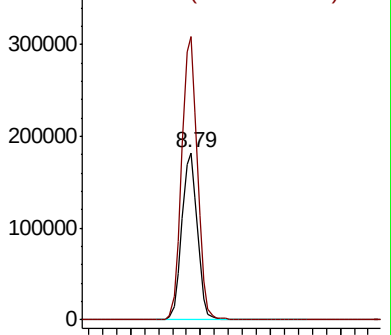
92 100

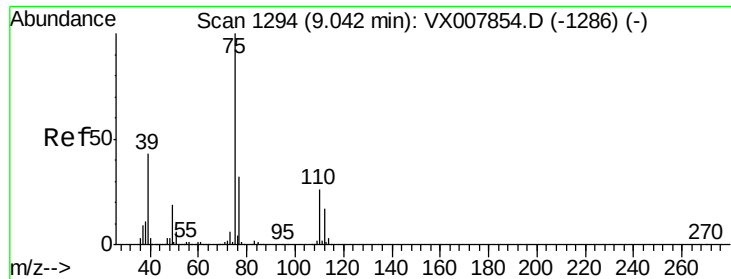
91 170.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.545 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 158255

Ion Ratio Lower Upper

75 100

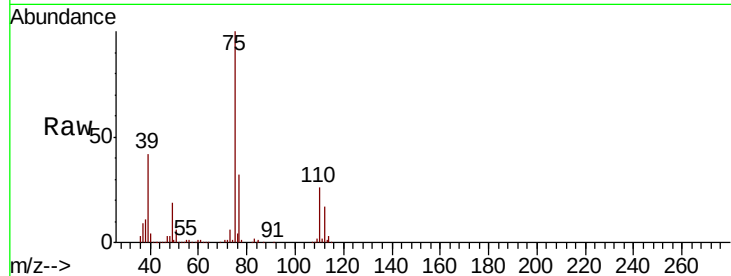
77 31.8 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

3/12/2019 2:21:05 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

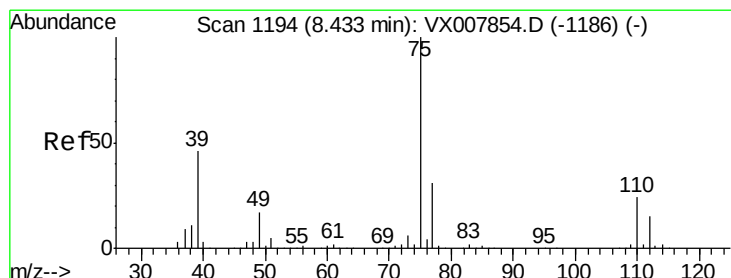
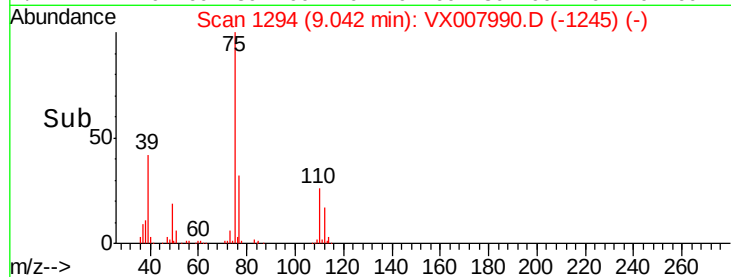
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.039 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

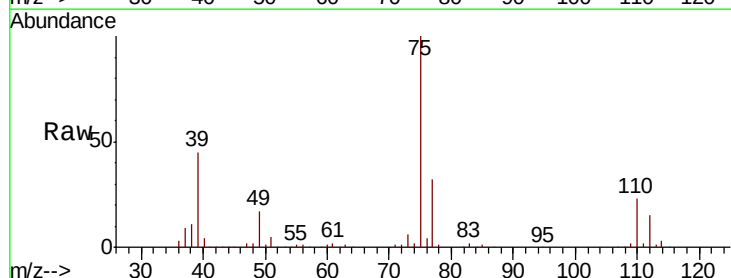
Tgt Ion: 75 Resp: 176989

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 44.5 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

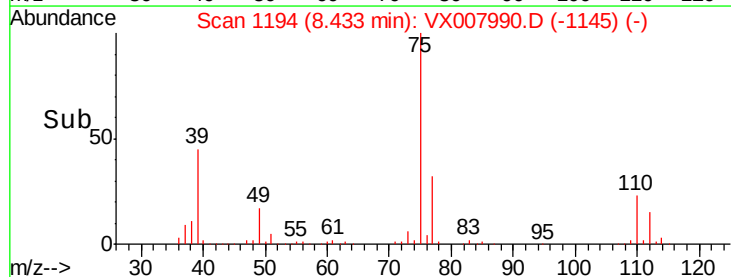
150000

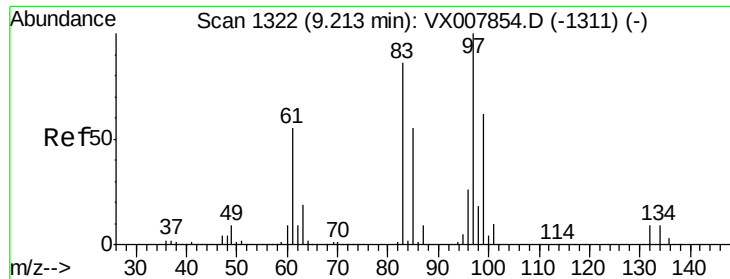
100000

50000

0

Time-->





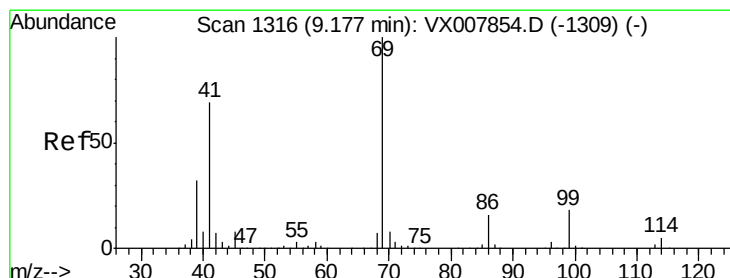
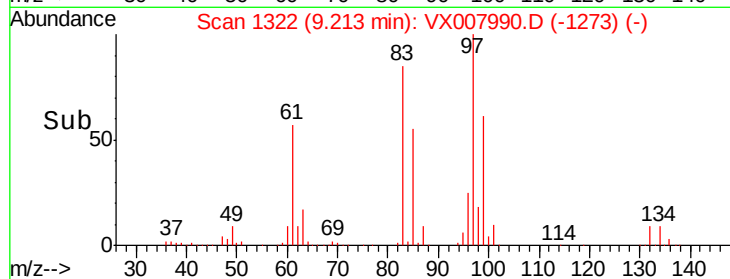
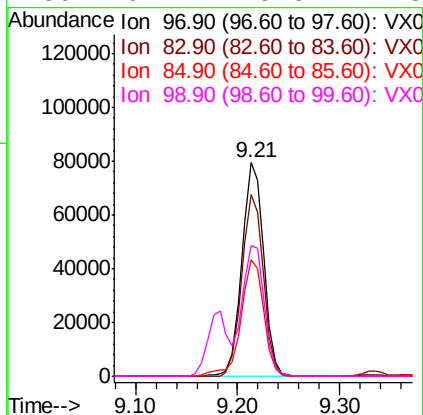
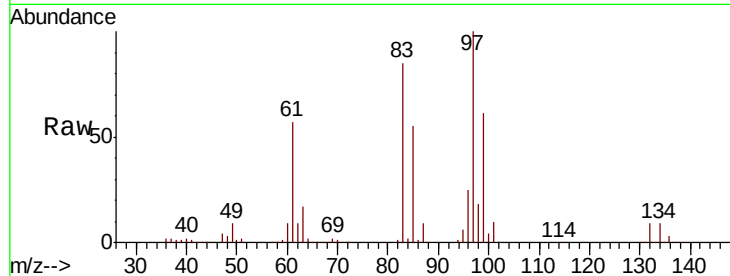
#55
1,1,2-Trichloroethane
Concen: 51.793 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	116554
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.1	103.7
85	54.7	44.3	66.5
99	61.4	49.8	74.8

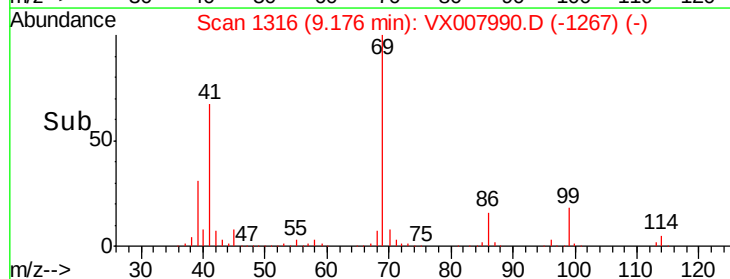
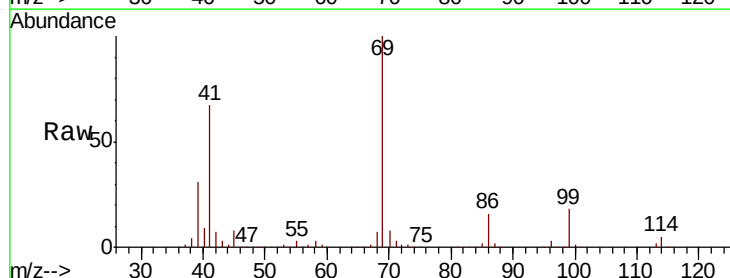
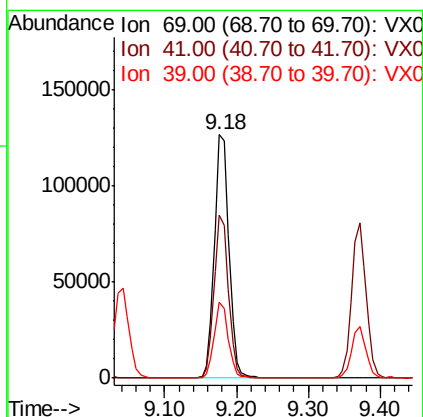
Manual Integrations
APPROVED

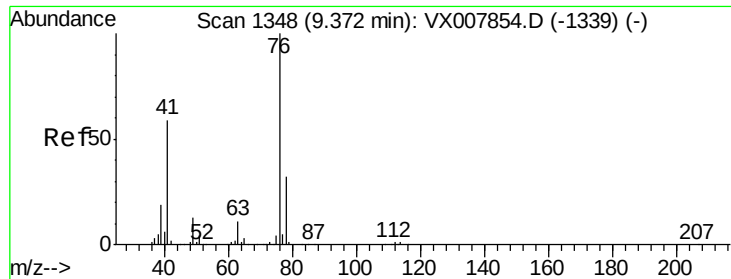
MMDadoda
3/12/2019 2:21:05 PM



#56
Ethyl methacrylate
Concen: 52.431 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion:	69	Resp:	177156
Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.2	81.4
39	30.2	25.0	37.4





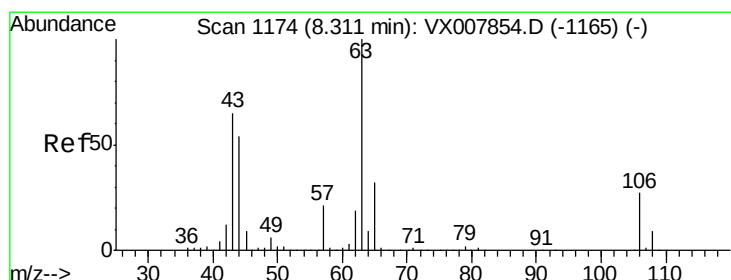
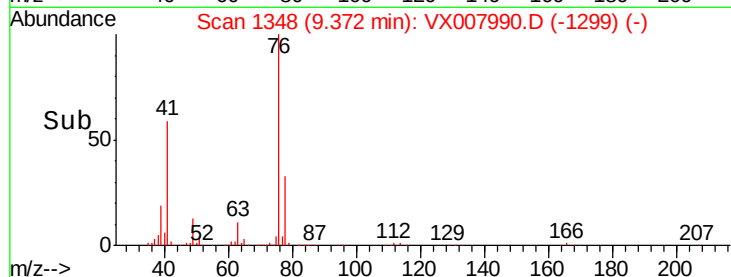
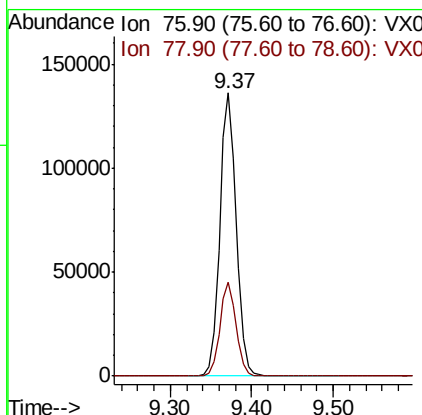
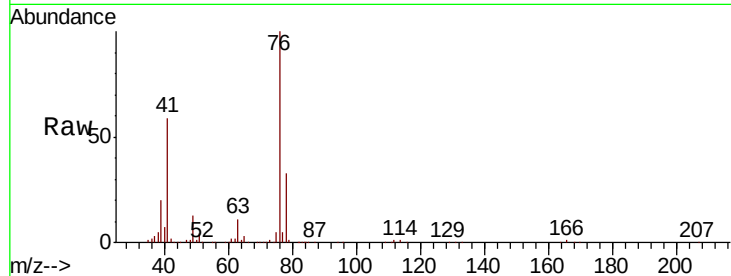
#57
 1,3-Dichloropropane
 Concen: 50.573 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.5	38.3

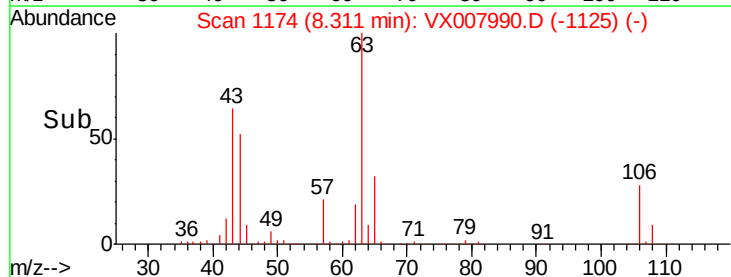
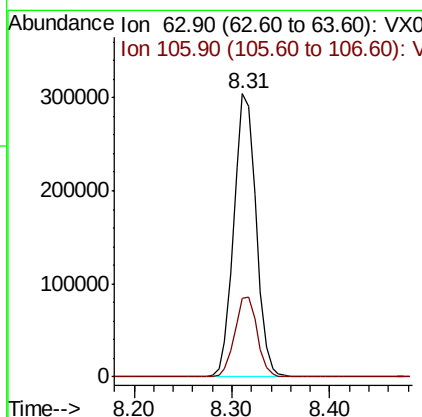
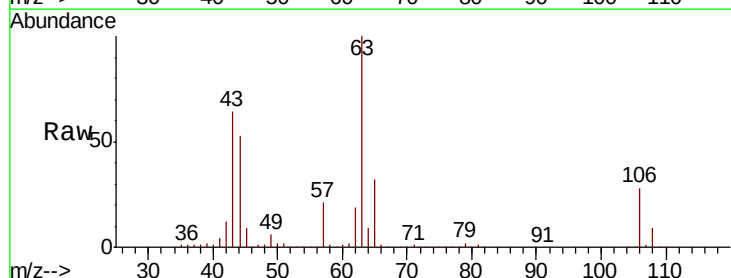
Manual Integrations
 APPROVED

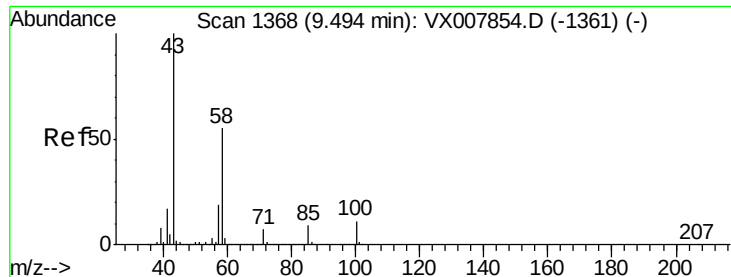
MMDadoda
 3/12/2019 2:21:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.957 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.2	33.2





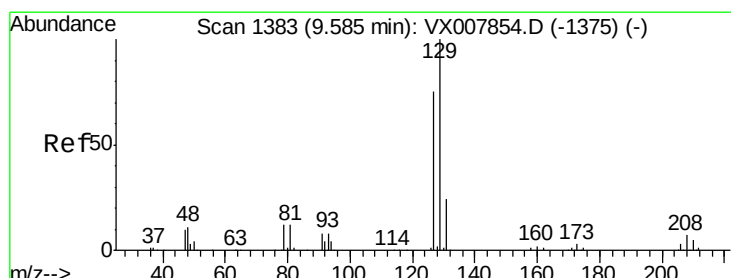
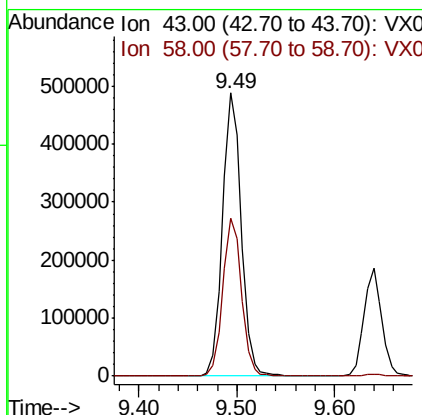
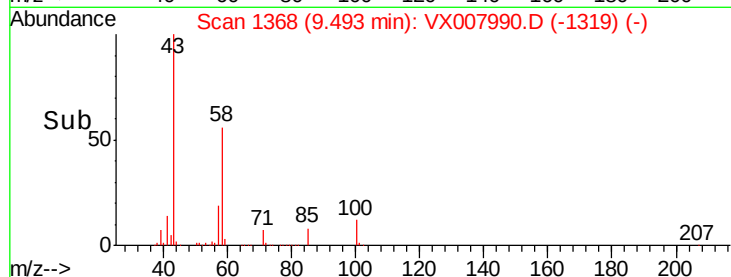
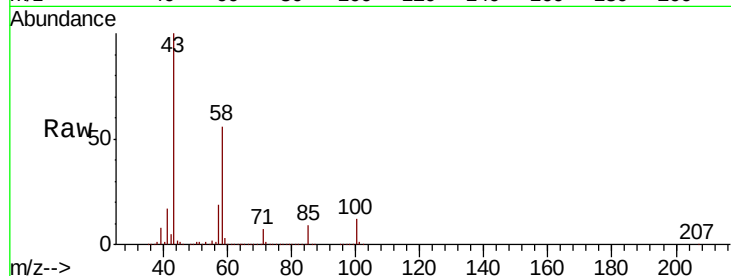
#59
2-Hexanone
Concen: 242.558 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 650547
Ion Ratio Lower Upper
43 100
58 55.9 27.6 82.7

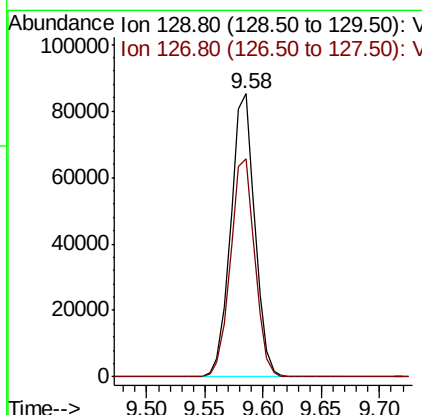
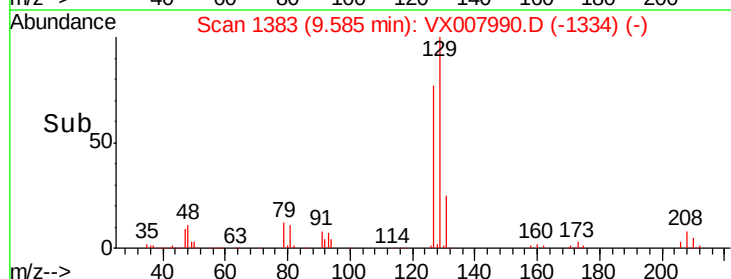
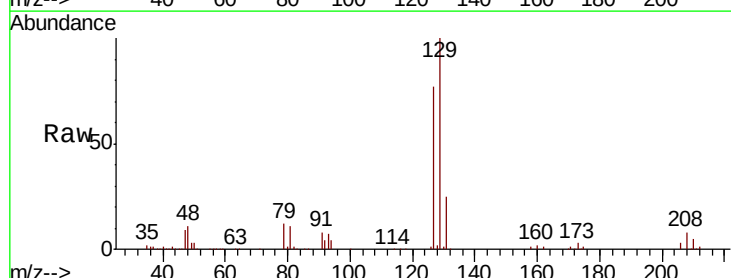
Manual Integrations
APPROVED

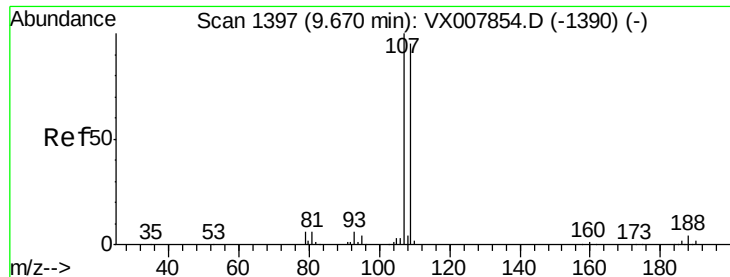
MMDadoda
3/12/2019 2:21:05 PM



#60
Dibromochloromethane
Concen: 52.059 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 129 Resp: 122452
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





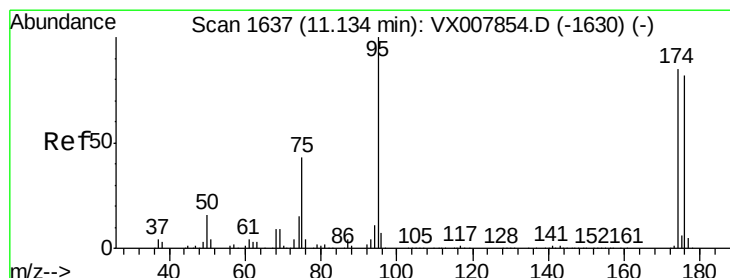
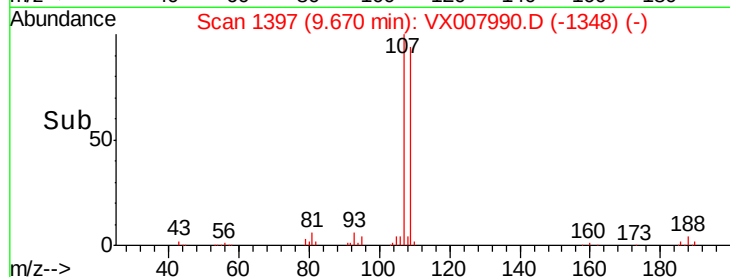
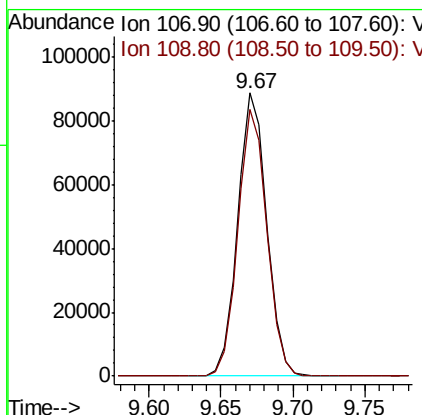
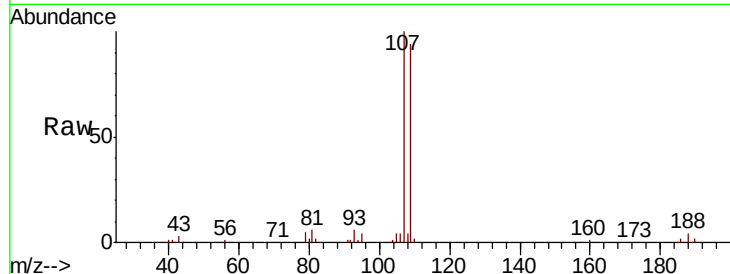
#61
 1,2-Dibromoethane
 Concen: 51.935 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.8	113.8

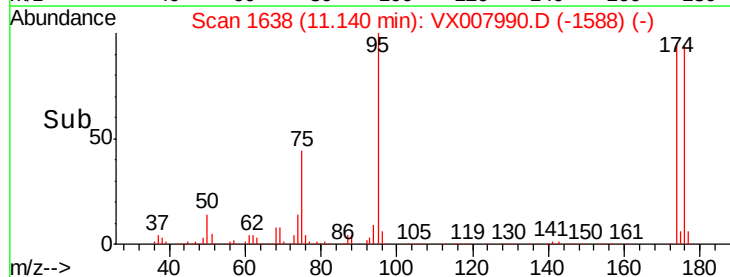
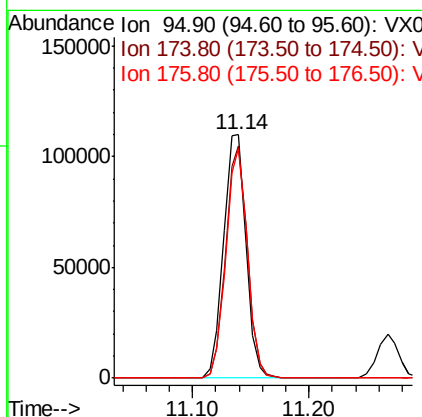
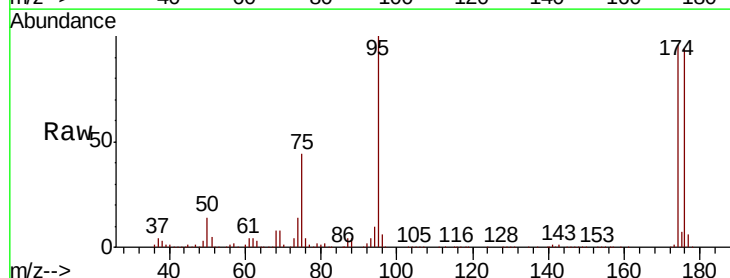
Manual Integrations
 APPROVED

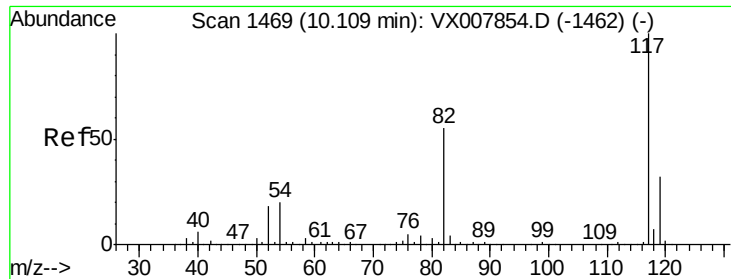
MMDadoda
 3/12/2019 2:21:05 PM



#62
 4-Bromofluorobenzene
 Concen: 52.631 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	182.8
176	90.6	0.0	178.0





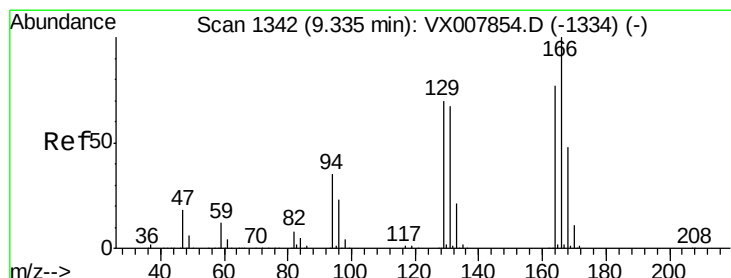
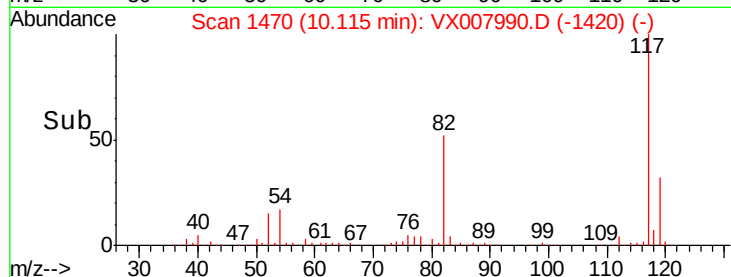
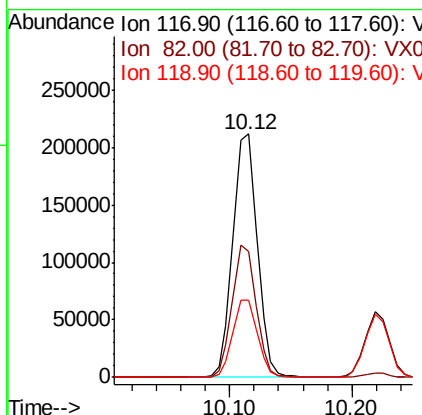
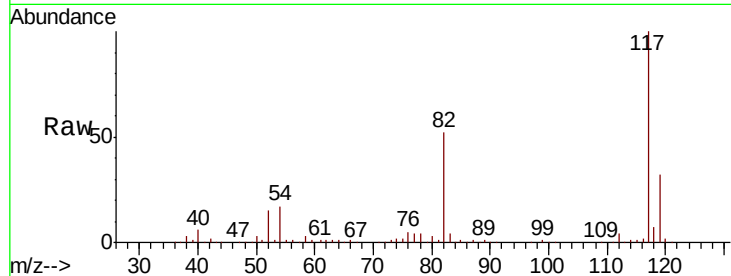
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	293861		
82	51.6	44.3	66.5	
119	31.8	25.3	37.9	

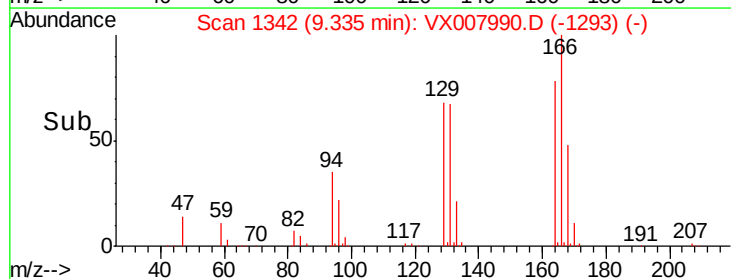
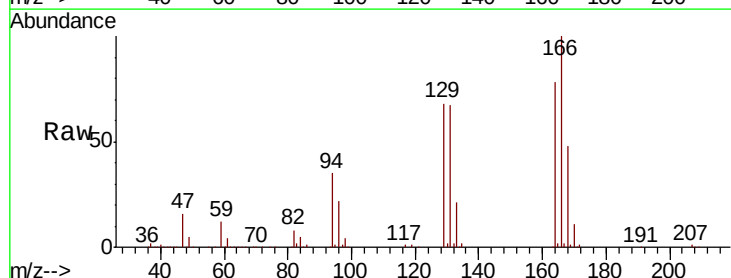
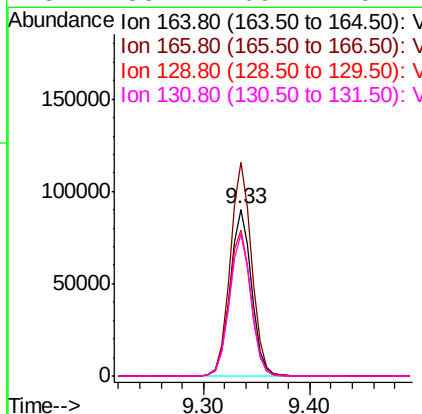
Manual Integrations
APPROVED

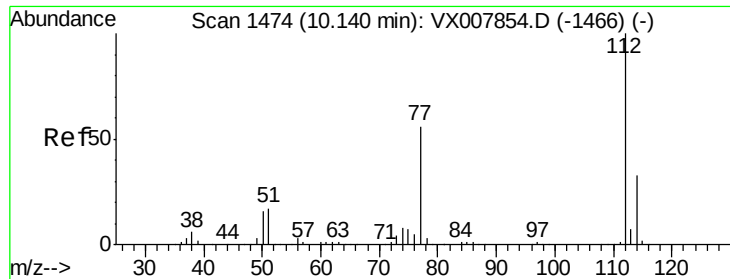
MMDadoda
3/12/2019 2:21:05 PM



#64
Tetrachloroethene
Concen: 52.458 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	127745		
166	127.9	103.4	155.0	
129	87.2	72.2	108.4	
131	85.2	69.4	104.2	





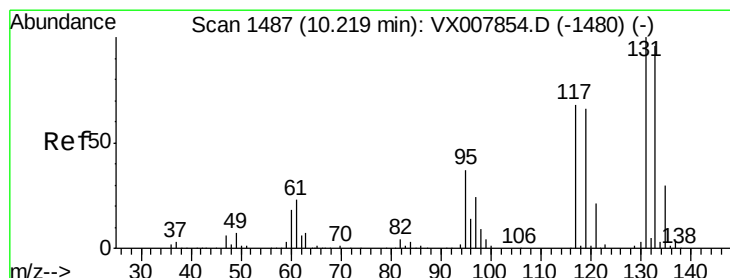
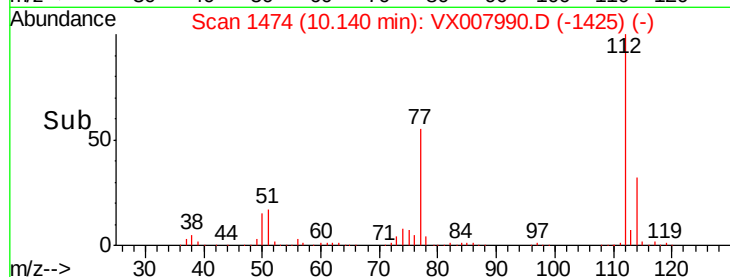
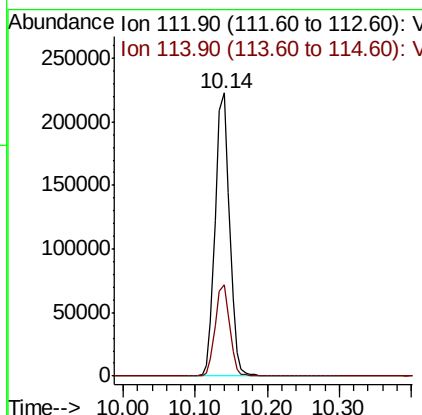
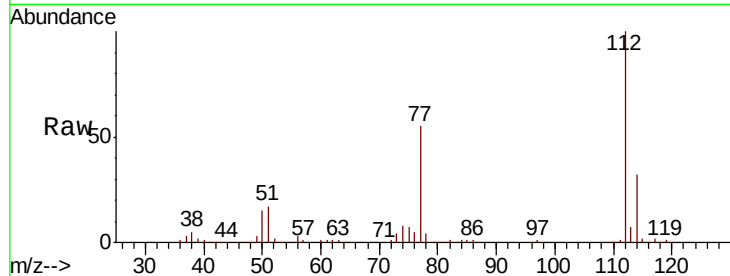
#65
Chlorobenzene
Concen: 50.313 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 309390
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

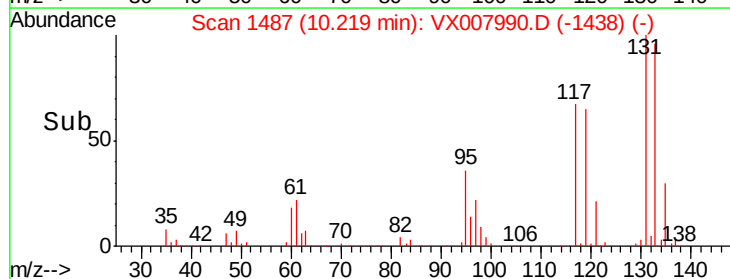
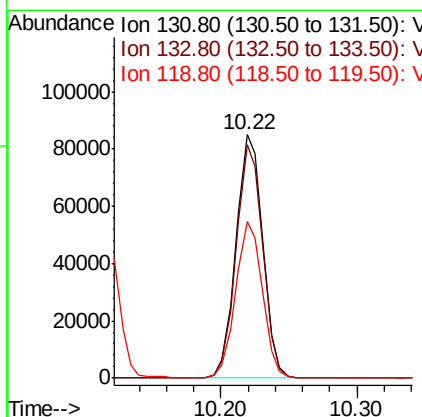
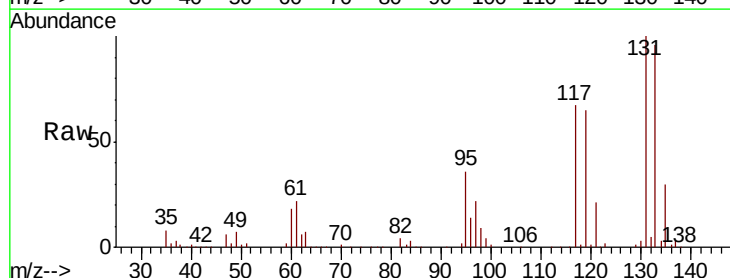
Manual Integrations
APPROVED

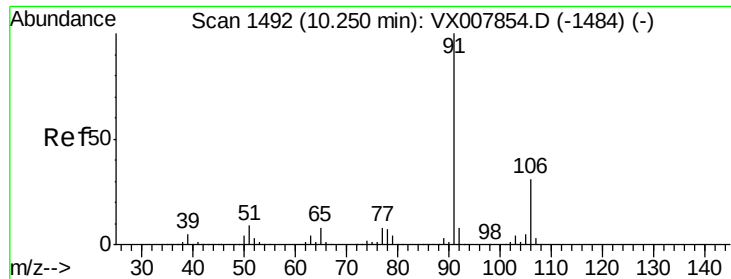
MMDadoda
3/12/2019 2:21:05 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.556 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion:131 Resp: 115828
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 64.4 32.5 97.5





#67

Ethyl Benzene

Concen: 51.700 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 523328

Ion Ratio Lower Upper

91 100

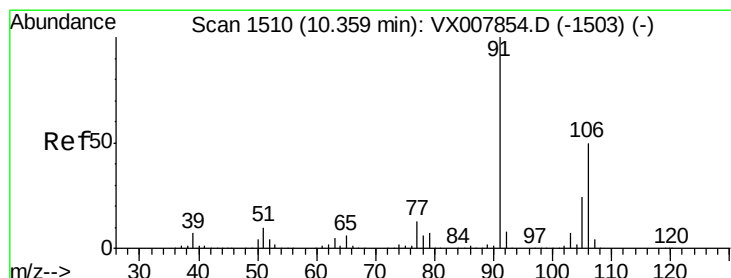
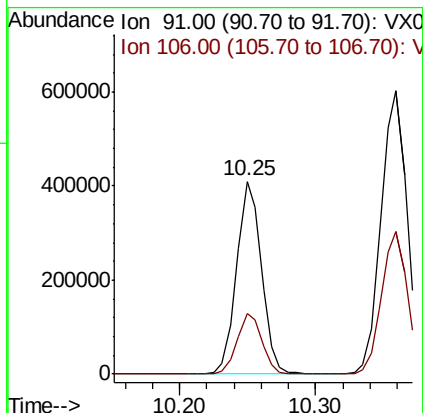
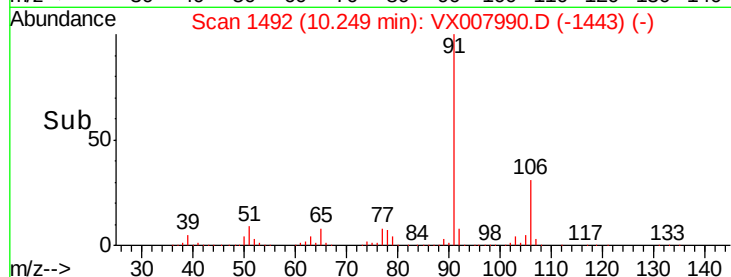
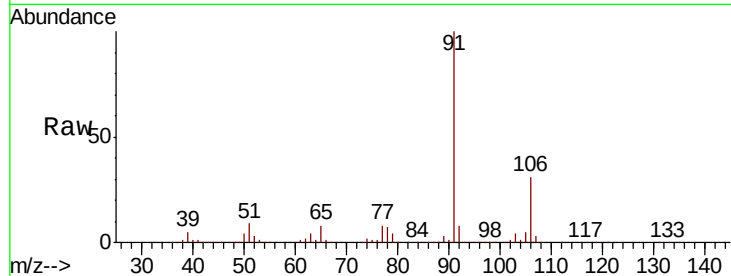
106 31.2 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

3/12/2019 2:21:05 PM



#68

m/p-Xylenes

Concen: 103.695 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007990.D

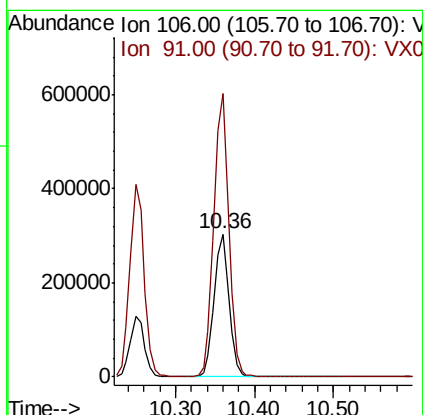
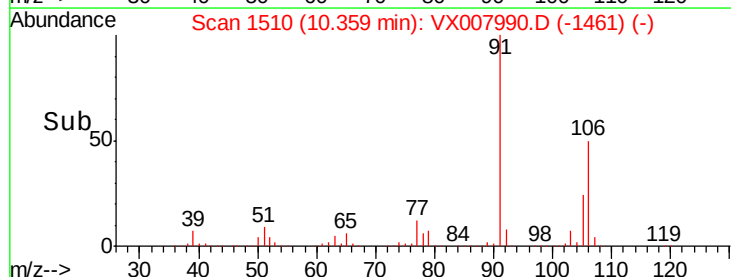
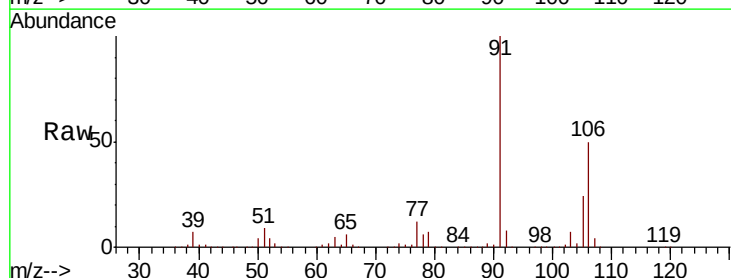
Acq: 12 Mar 2019 00:16

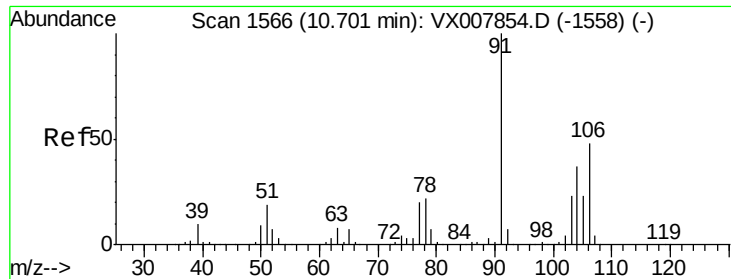
Tgt Ion: 106 Resp: 404583

Ion Ratio Lower Upper

106 100

91 200.3 159.8 239.6





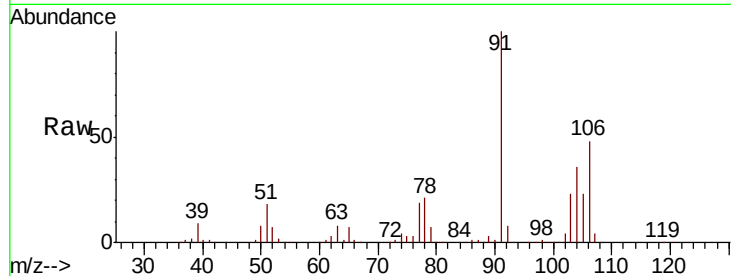
#69
o-Xylene
Concen: 51.935 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

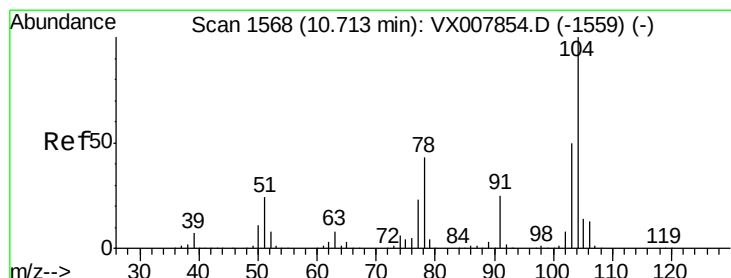
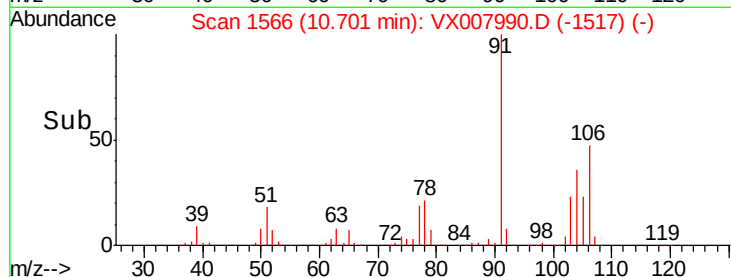
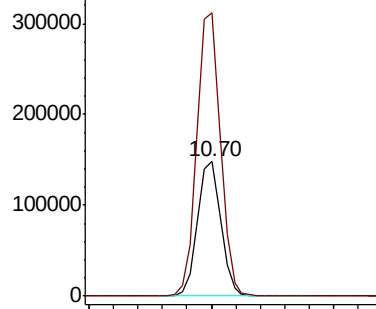
Tgt Ion:106 Resp: 195630
Ion Ratio Lower Upper
106 100
91 213.0 106.3 318.9

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM

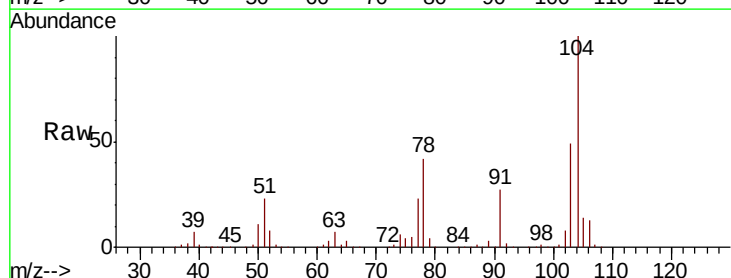


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

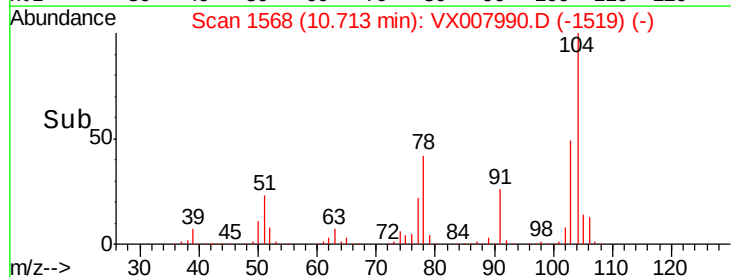
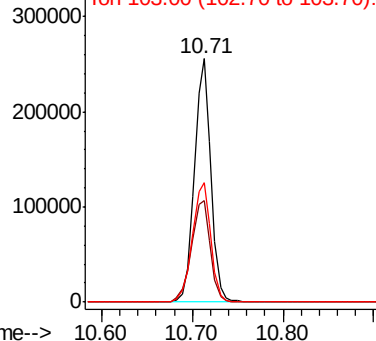


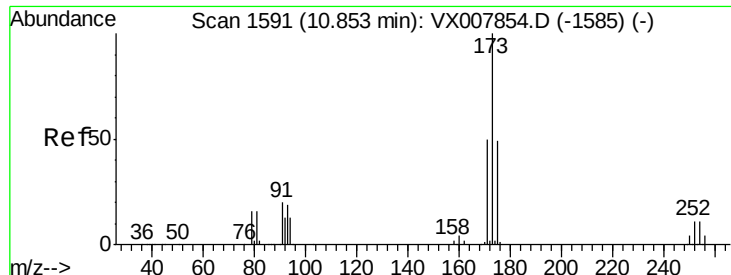
#70
Styrene
Concen: 53.033 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion:104 Resp: 326896
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 55.0 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





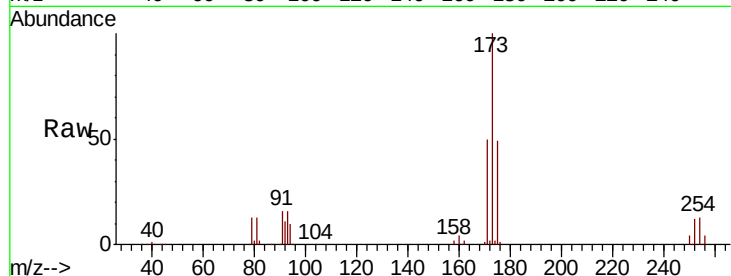
#71
Bromoform
Concen: 51.979 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

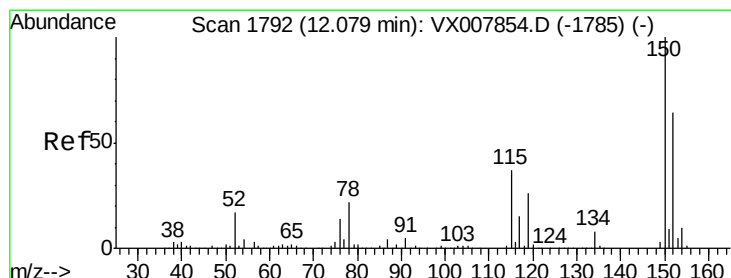
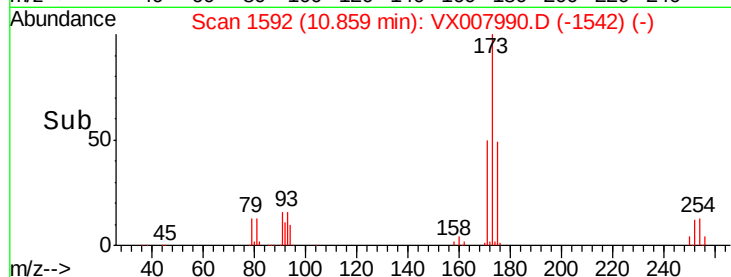
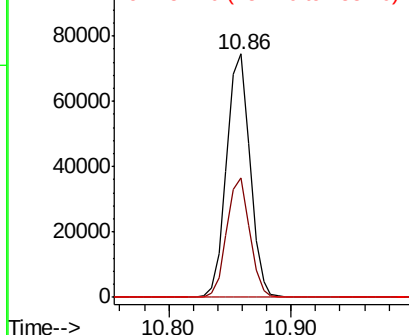
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.9
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM

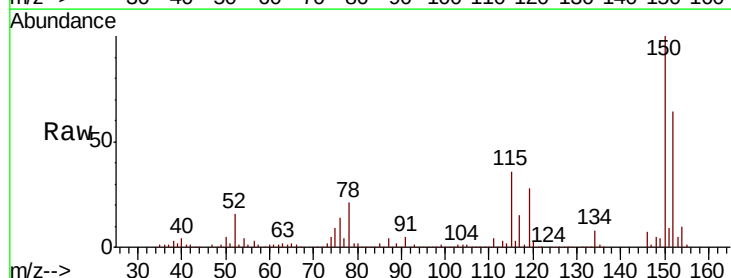


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

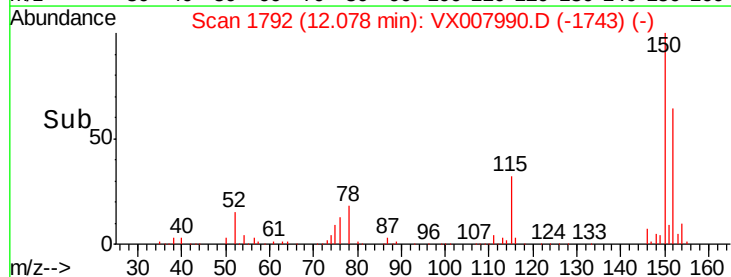
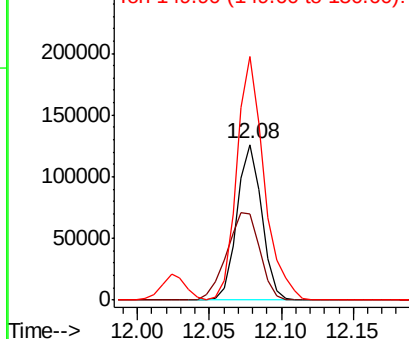


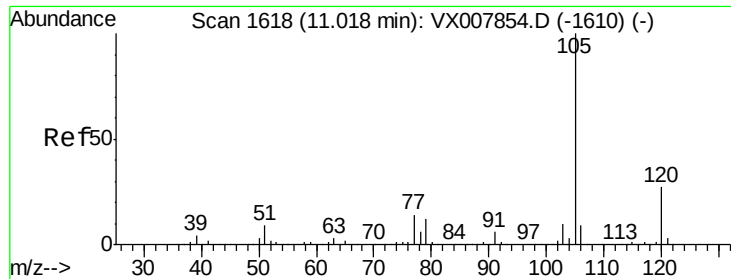
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.9	38.6	115.7
150	172.3	0.0	348.4



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





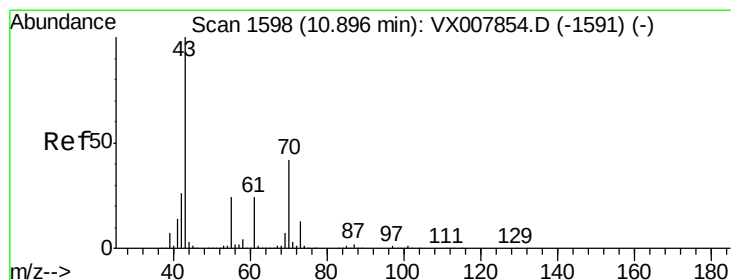
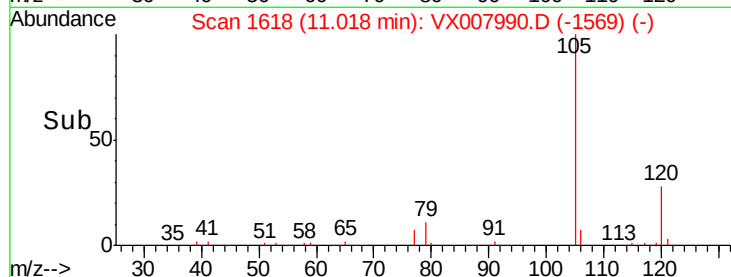
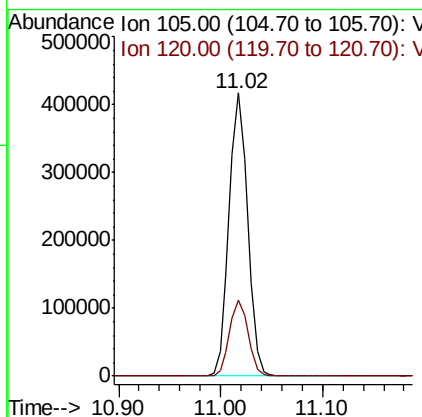
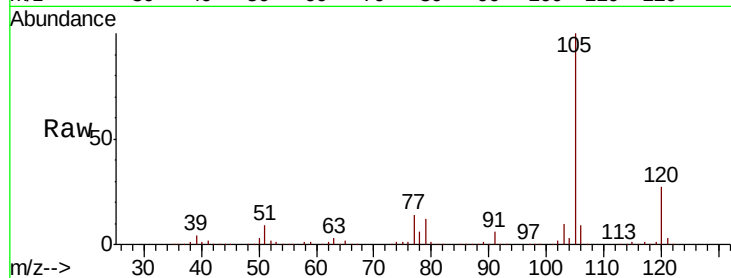
#73
Isopropylbenzene
Concen: 51.306 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 525076
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

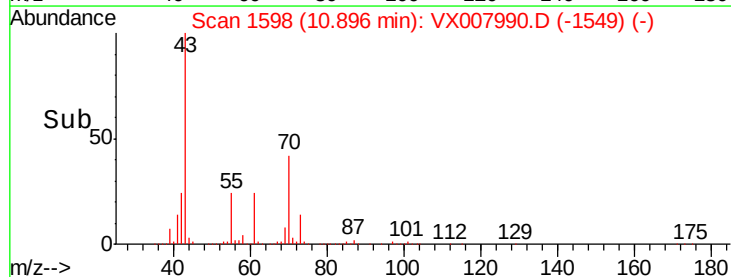
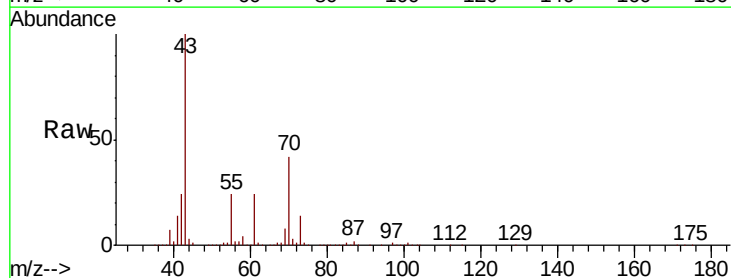
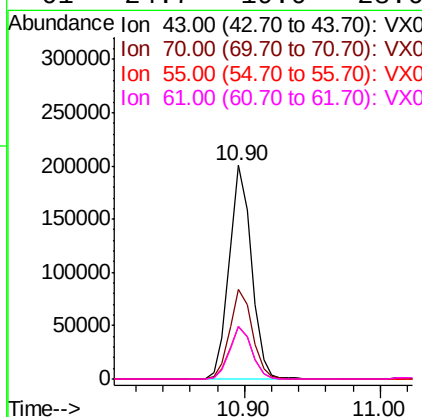
Manual Integrations
APPROVED

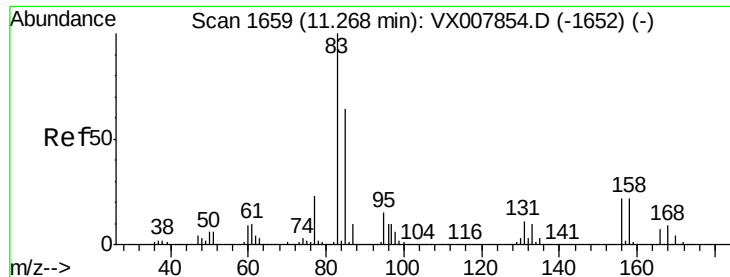
MMDadoda
3/12/2019 2:21:05 PM



#74
N-ethyl acetate
Concen: 48.878 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 43 Resp: 228370
Ion Ratio Lower Upper
43 100
70 42.7 33.5 50.3
55 25.0 19.2 28.8
61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.519 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 171282

Ion Ratio Lower Upper

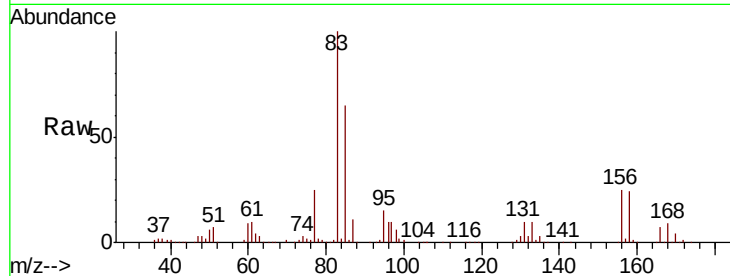
83 100

131 10.6 5.4 16.2

85 64.5 32.3 96.8

Manual Integrations
APPROVED

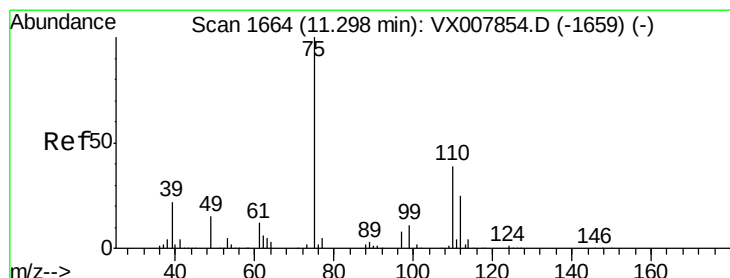
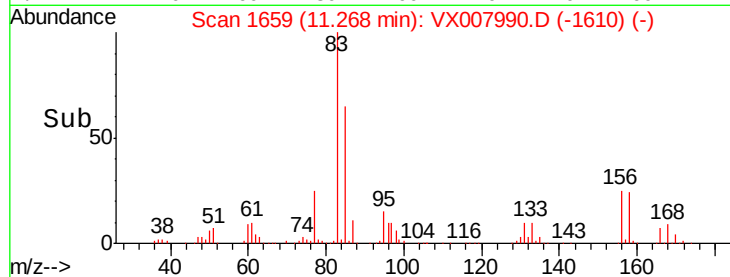
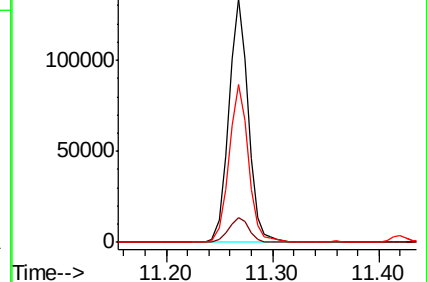
MMDadoda
3/12/2019 2:21:05 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.682 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007990.D

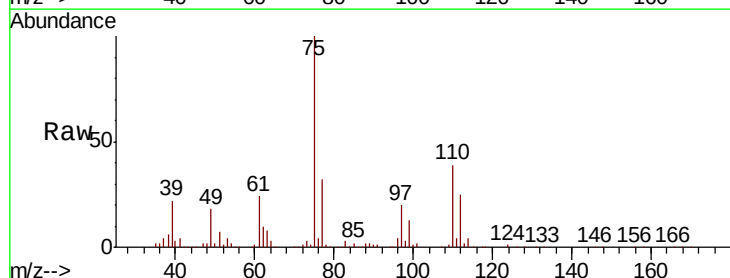
Acq: 12 Mar 2019 00:16

Tgt Ion: 75 Resp: 160935

Ion Ratio Lower Upper

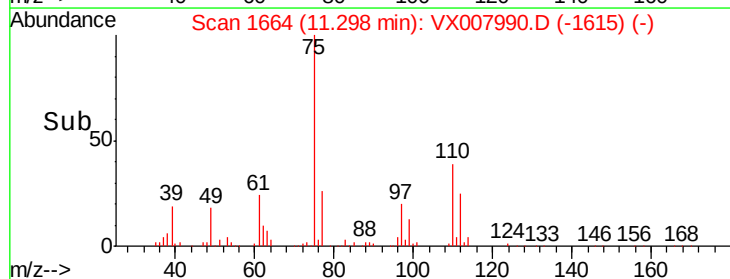
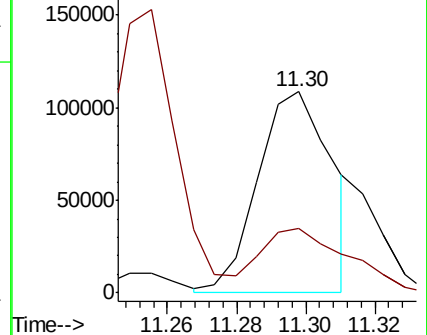
75 100

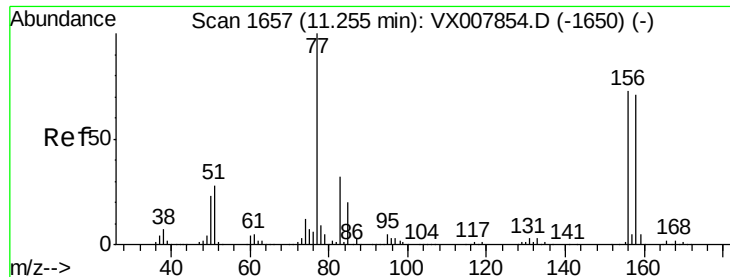
77 37.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.491 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

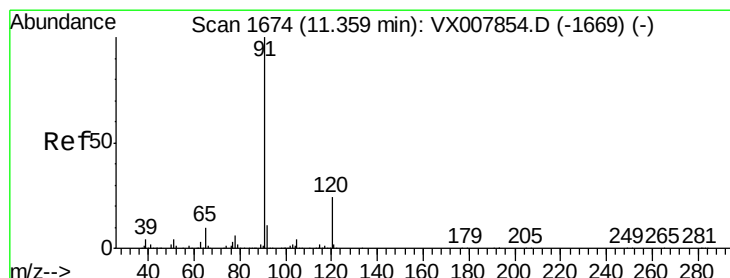
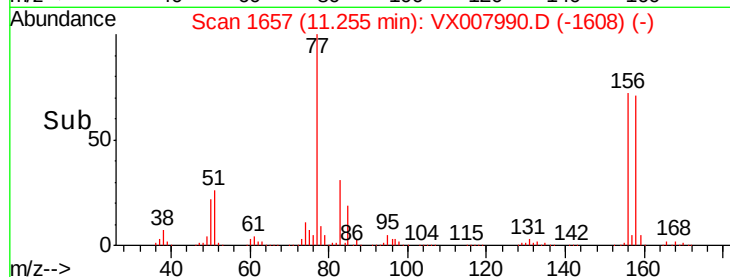
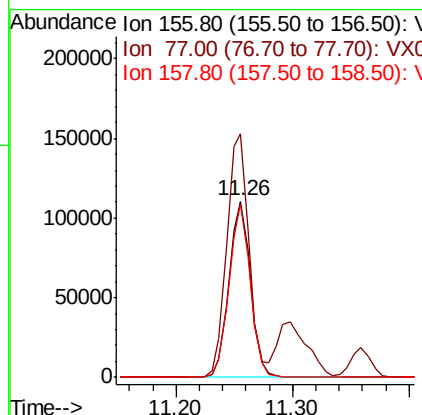
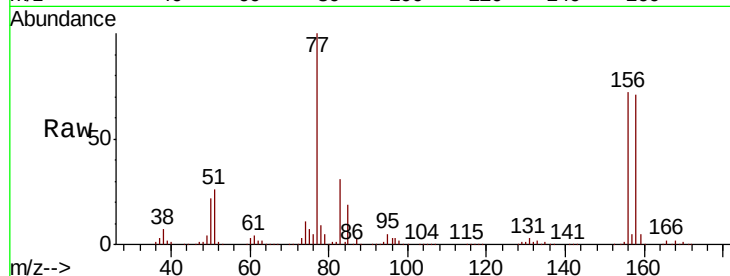
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	141671
Ion Ratio	Lower	Upper	
156	100		
77	142.7	72.0	215.9
158	96.3	48.6	145.9

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM



#78

n-propylbenzene

Concen: 51.420 ug/l

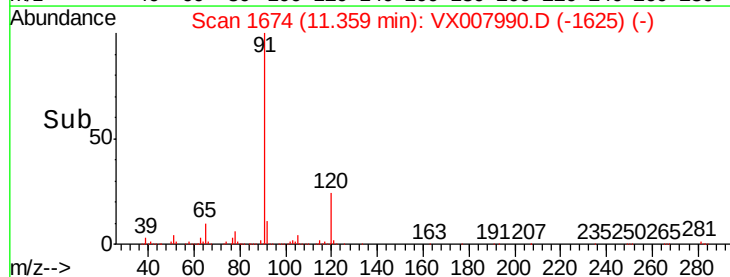
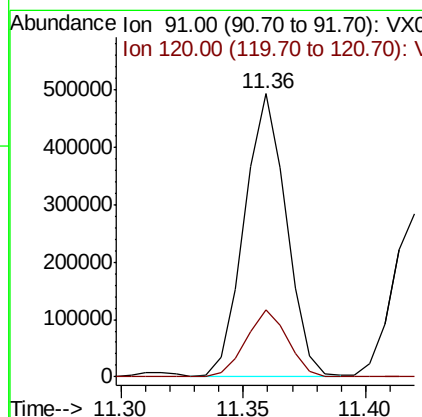
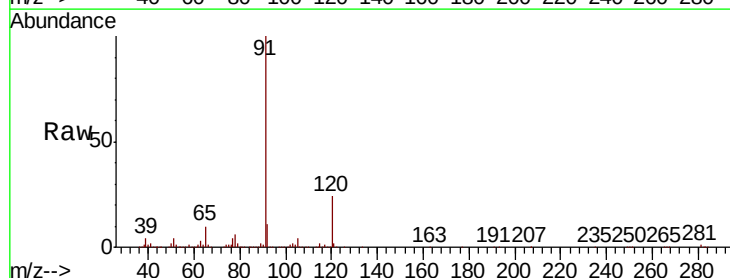
RT: 11.36 min Scan# 1674

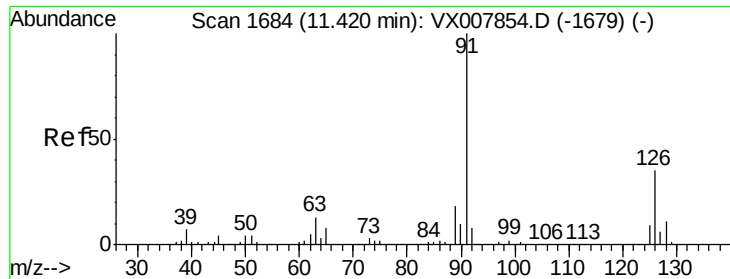
Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion:	91	Resp:	583809
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0





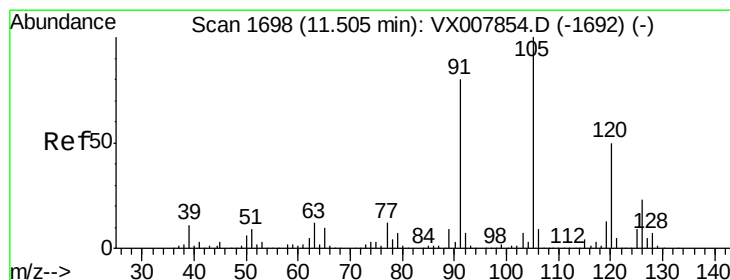
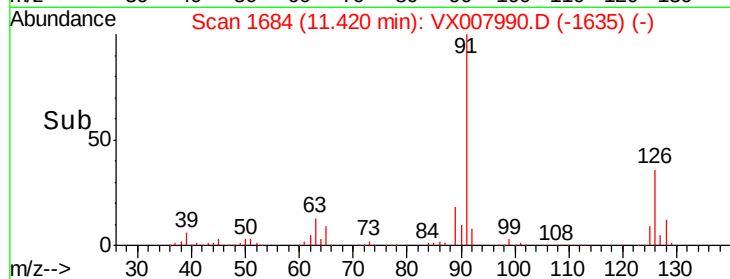
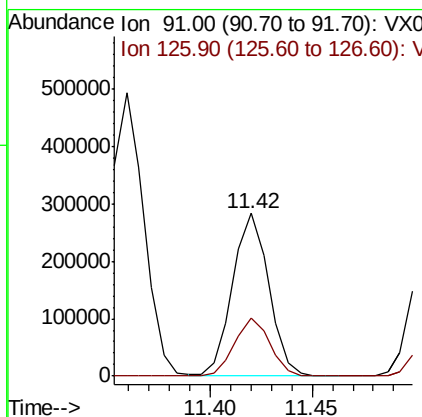
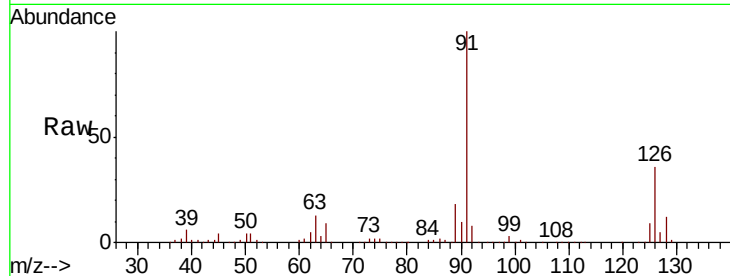
#79
 2-Chlorotoluene
 Concen: 49.716 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 345125
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6

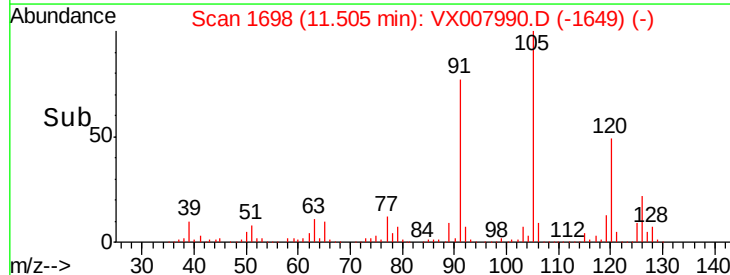
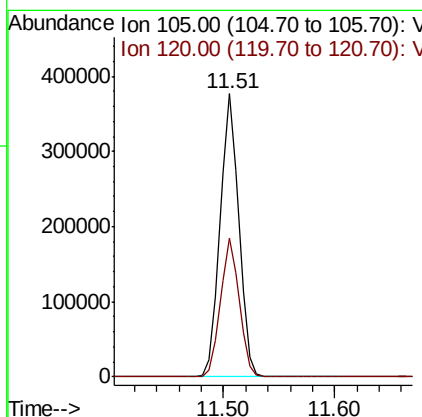
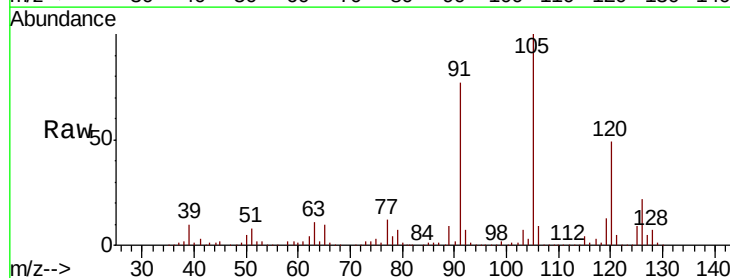
Manual Integrations
 APPROVED

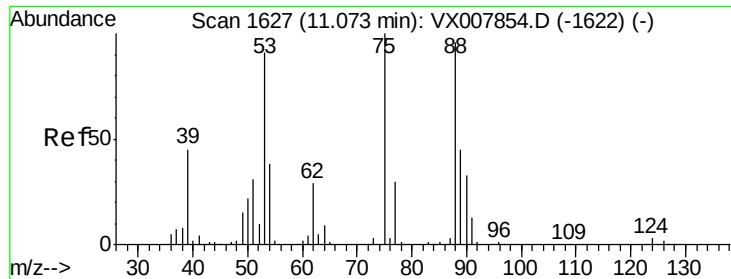
MMDadoda
 3/12/2019 2:21:05 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.106 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 105 Resp: 438911
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





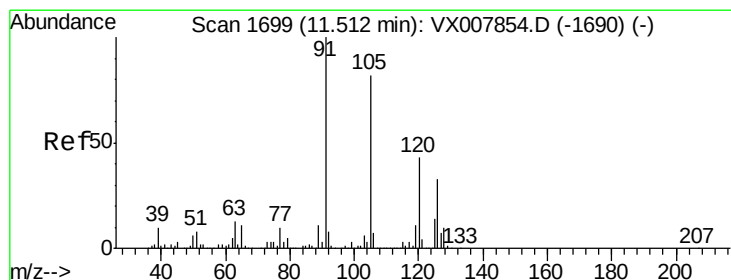
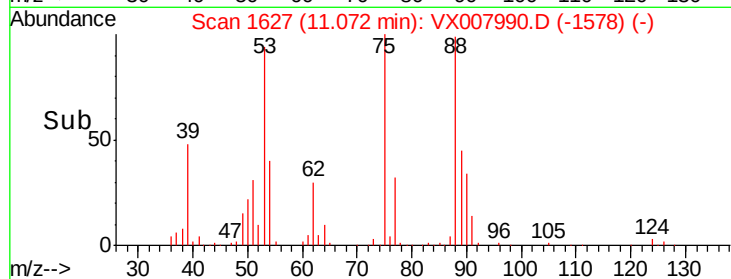
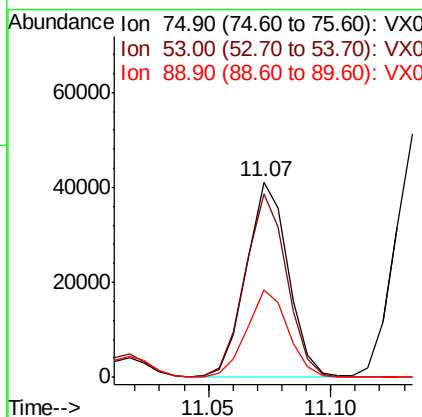
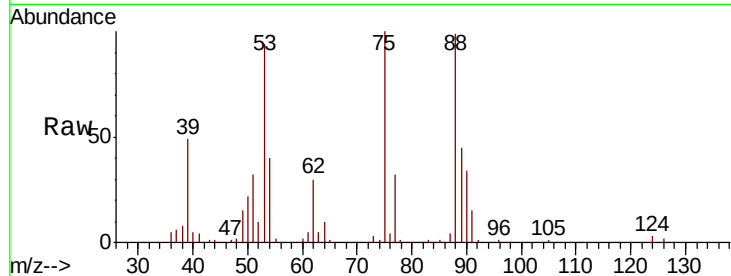
#81
trans-1,4-Dichloro-2-butene
Concen: 49.239 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 48914
Ion Ratio Lower Upper
75 100
53 95.1 76.1 114.1
89 44.8 36.3 54.5

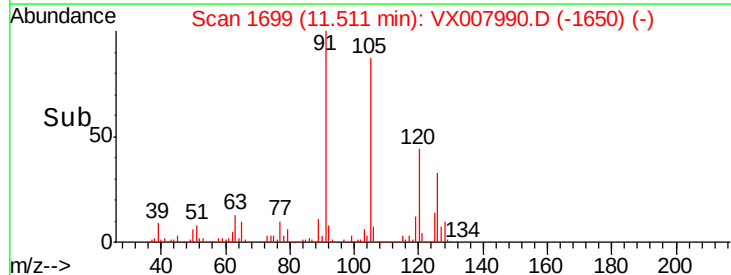
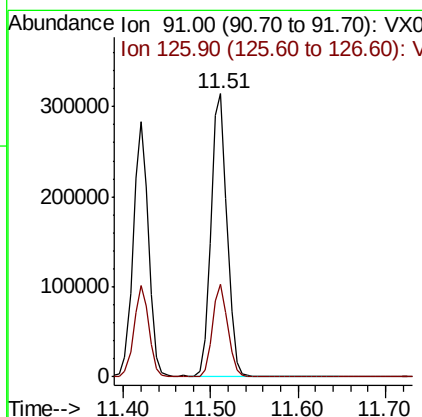
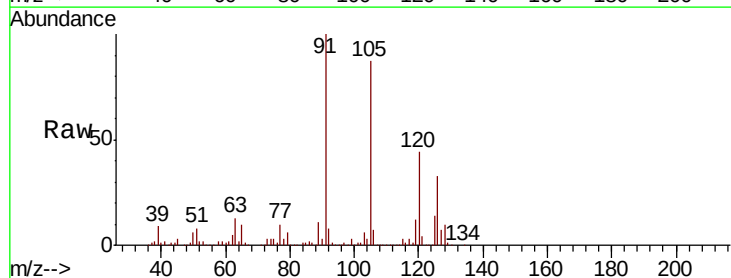
Manual Integrations
APPROVED

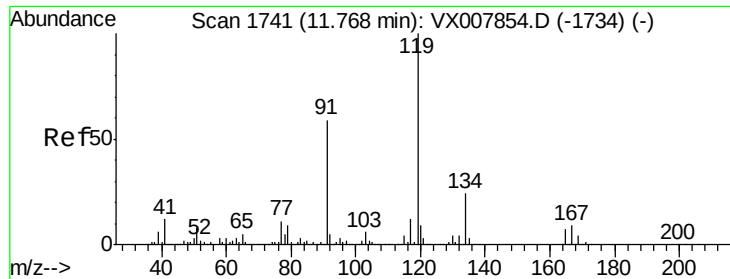
MMDadoda
3/12/2019 2:21:05 PM



#82
4-Chlorotoluene
Concen: 50.523 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 91 Resp: 401929
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8





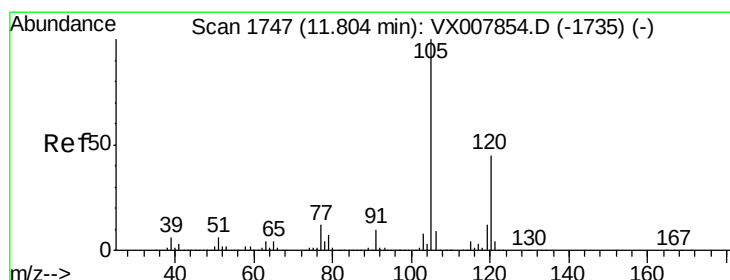
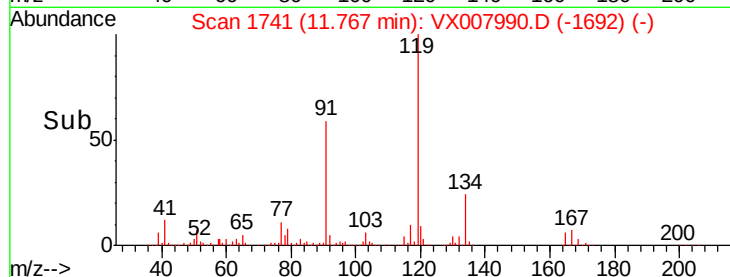
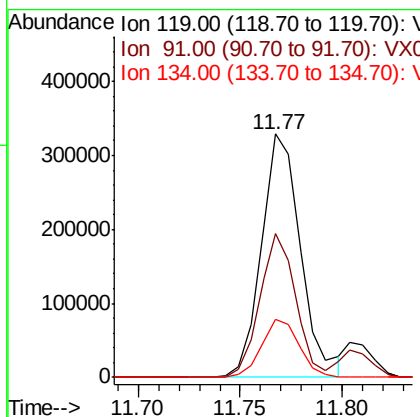
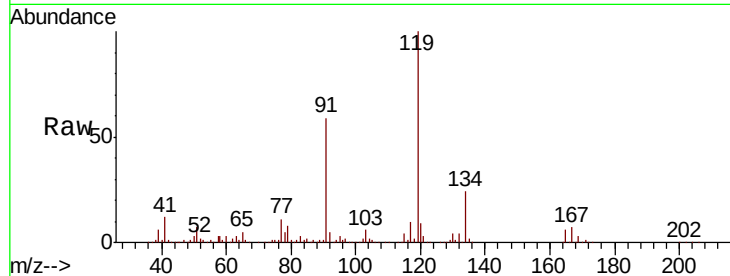
#83
 tert-Butylbenzene
 Concen: 52.034 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	441499		
91	54.2	27.1	81.3	
134	22.7	11.4	34.1	

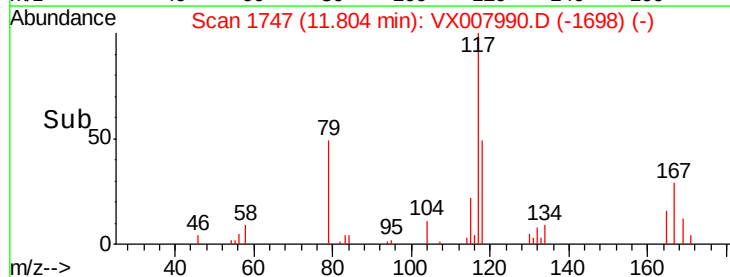
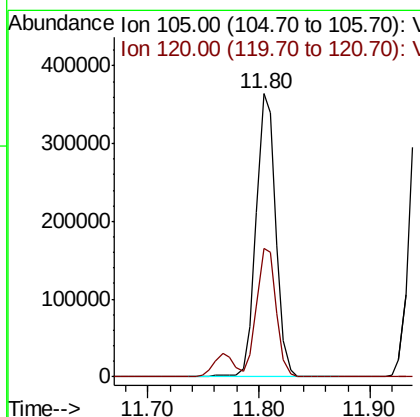
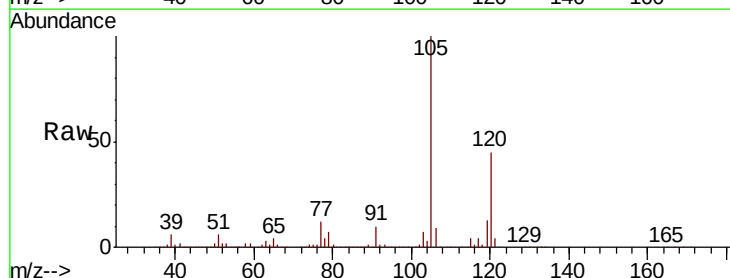
Manual Integrations
 APPROVED

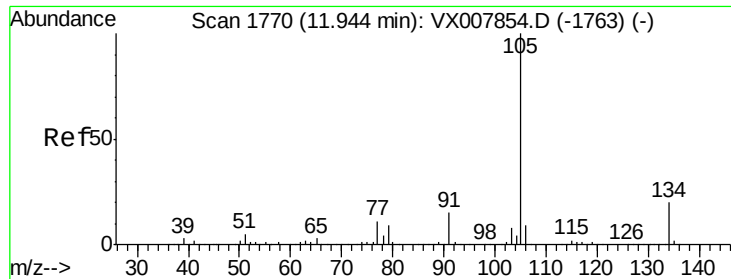
MMDadoda
 3/12/2019 2:21:05 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.023 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	449217		
120	45.2	22.6	67.7	





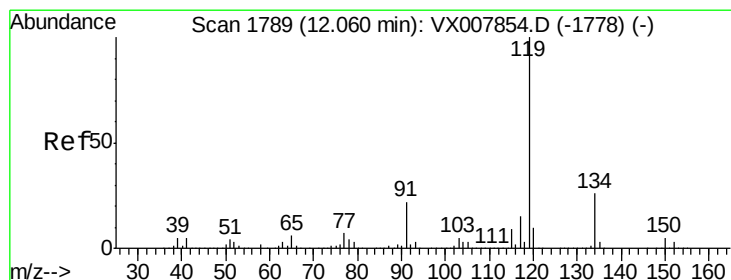
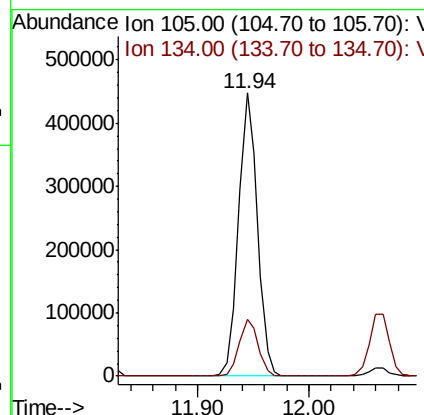
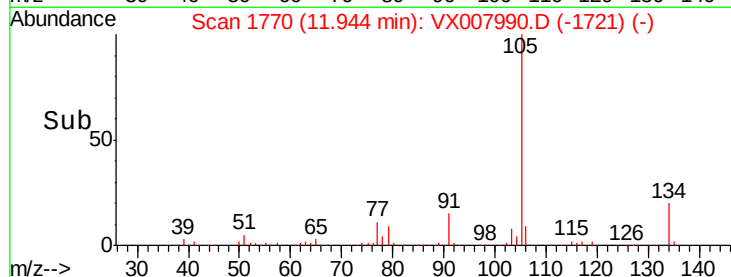
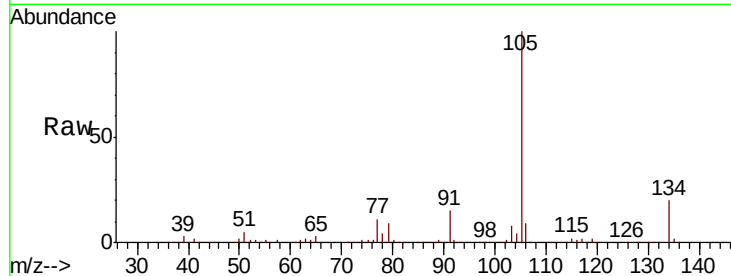
#85
 sec-Butylbenzene
 Concen: 52.446 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 524100
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2

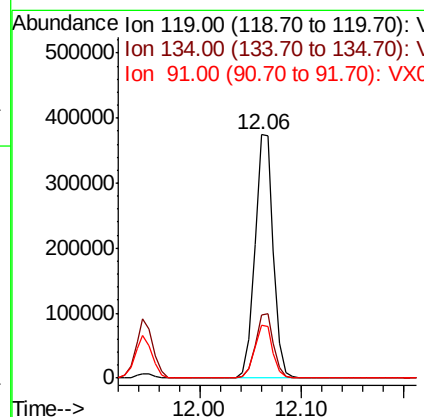
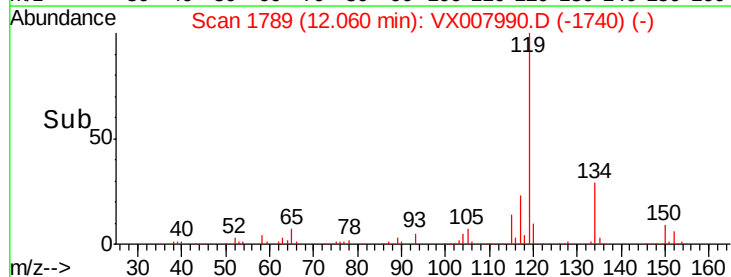
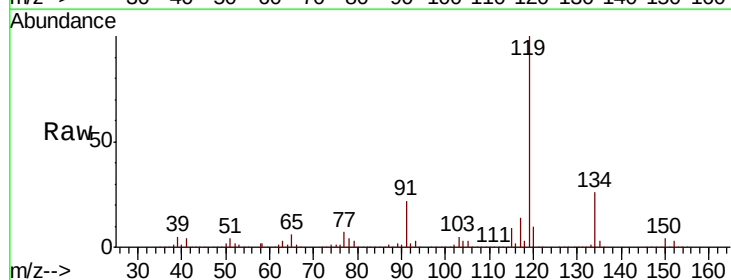
Manual Integrations
 APPROVED

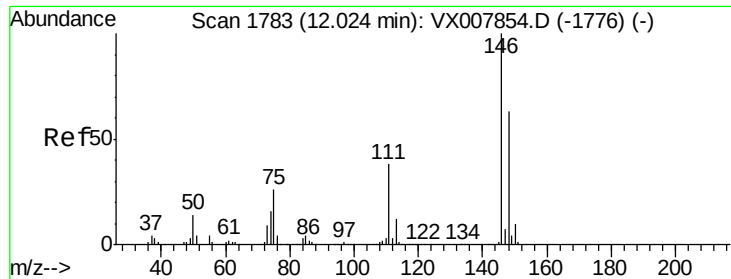
MMDadoda
 3/12/2019 2:21:05 PM



#86
 p-Isopropyltoluene
 Concen: 52.624 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion:119 Resp: 470962
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 21.7 10.9 32.7





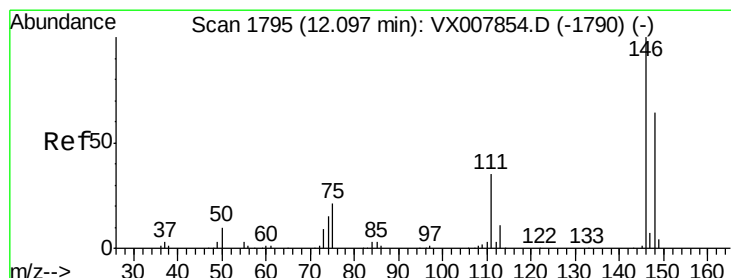
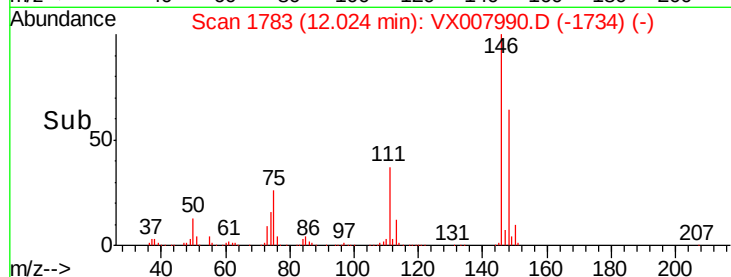
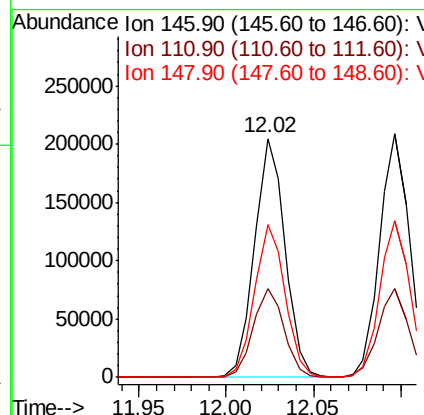
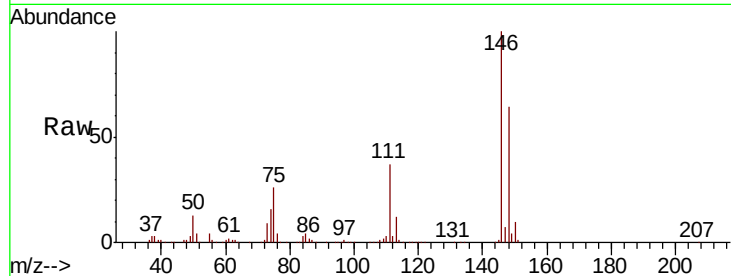
#87
 1,3-Dichlorobenzene
 Concen: 50.116 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	64.1	31.7	95.1

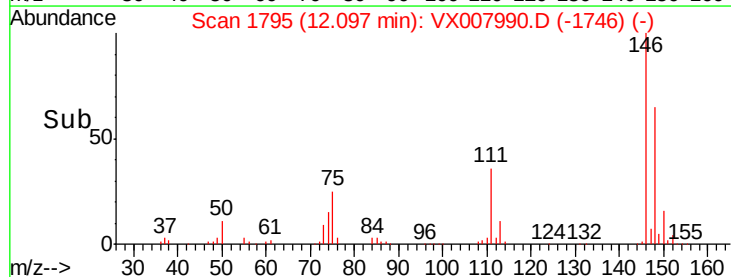
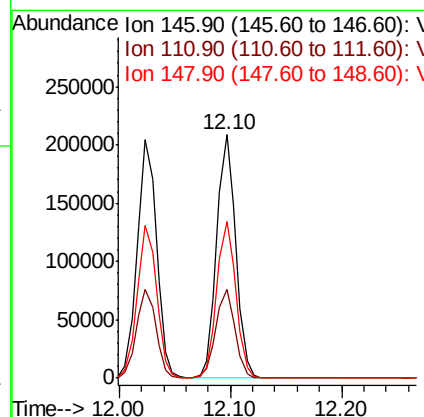
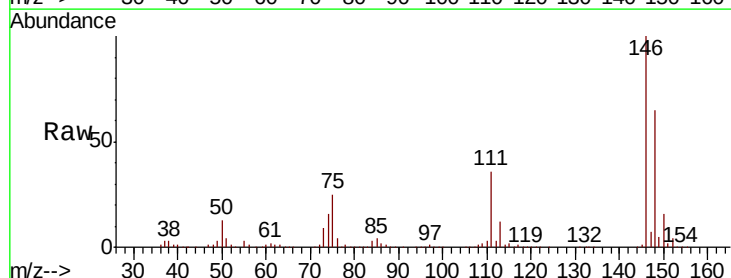
Manual Integrations
 APPROVED

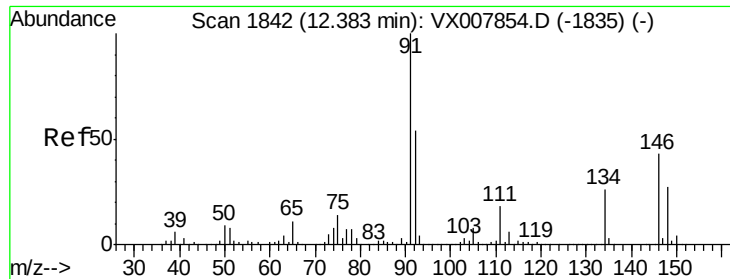
MMDadoda
 3/12/2019 2:21:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.941 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	64.7	32.2	96.6





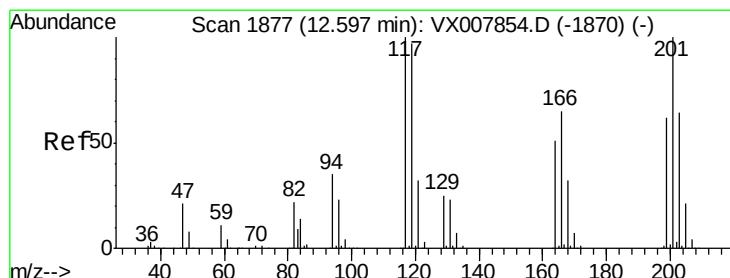
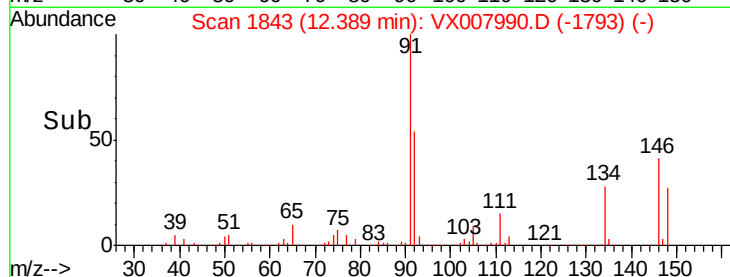
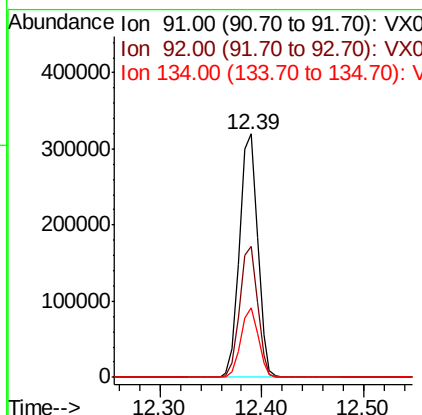
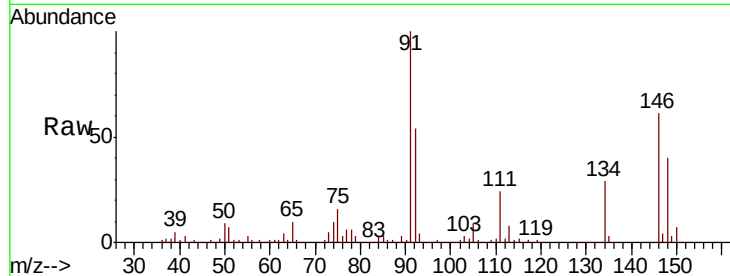
#89
n-Butylbenzene
Concen: 51.356 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 389388
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 27.5 13.7 41.0

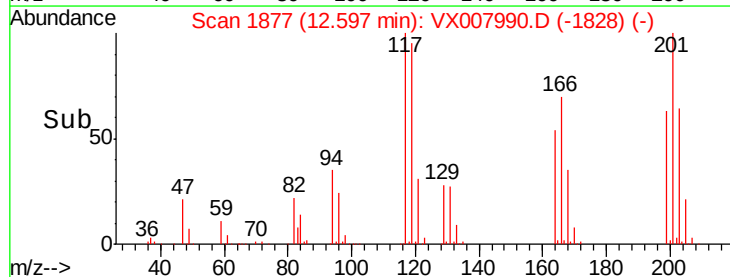
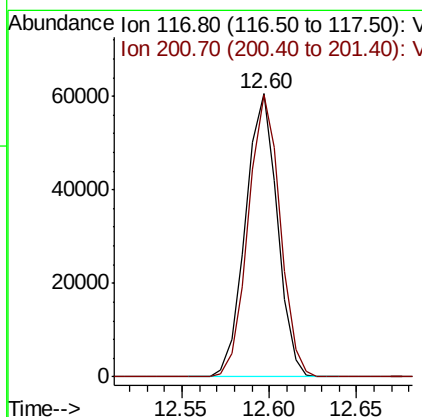
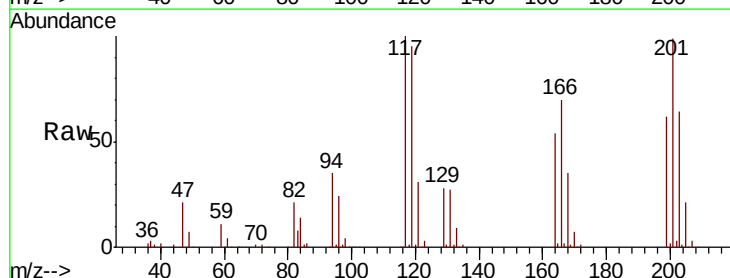
Manual Integrations
APPROVED

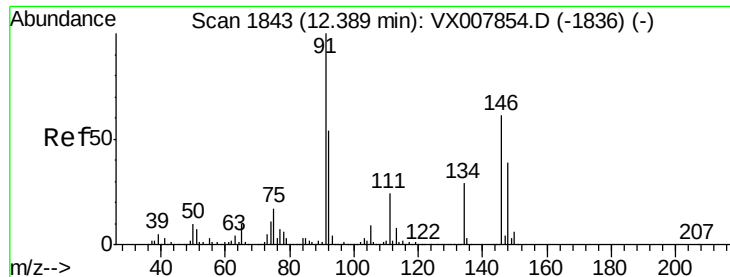
MMDadoda
3/12/2019 2:21:05 PM



#90
Hexachloroethane
Concen: 51.131 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 117 Resp: 76508
Ion Ratio Lower Upper
117 100
201 99.7 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 50.411 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

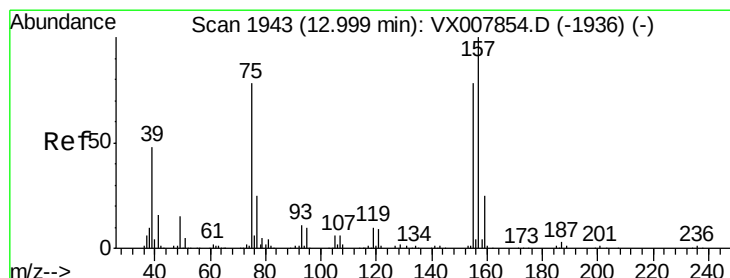
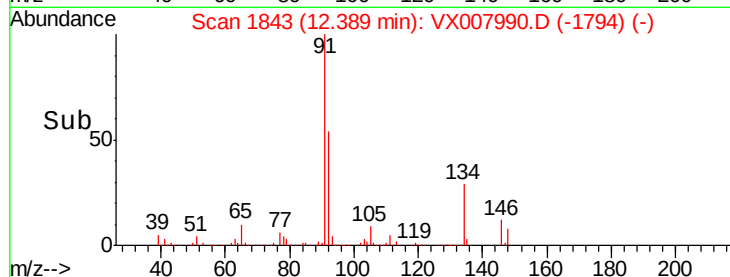
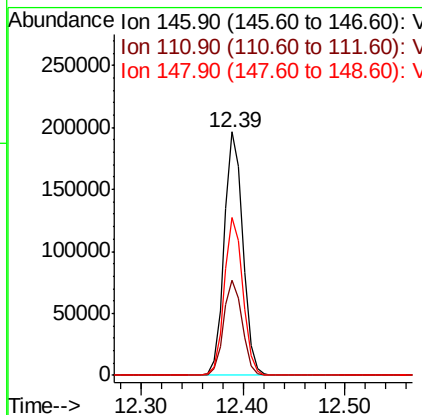
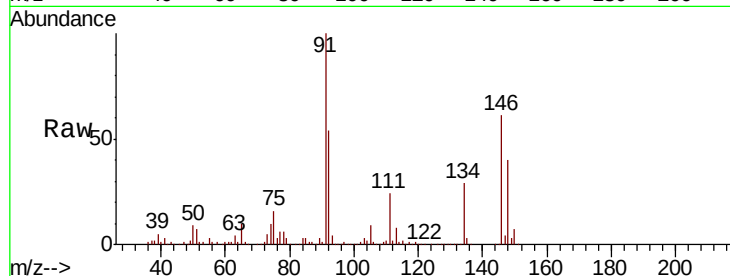
ClientSampled :

VSTDCCC050EC

Tgt Ion:	146	Resp:	248597
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.6	58.8
148	64.4	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.917 ug/l

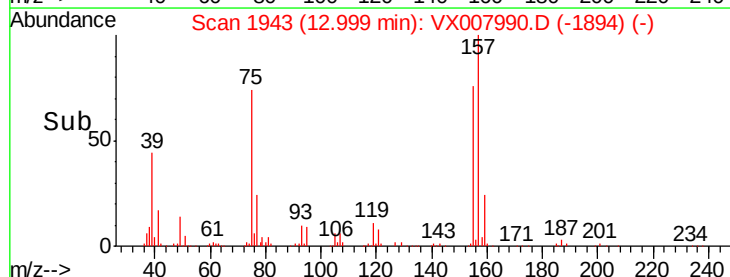
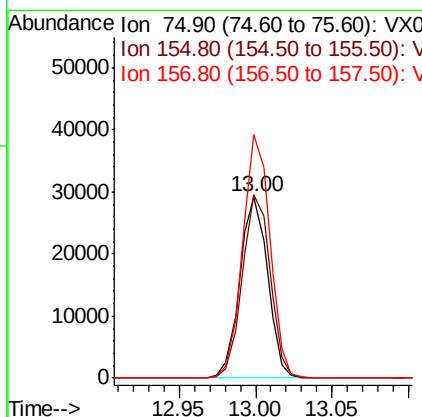
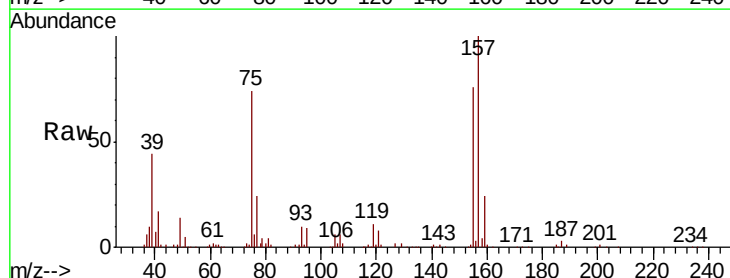
RT: 13.00 min Scan# 1943

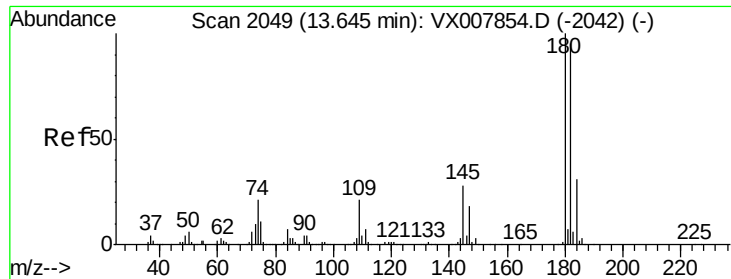
Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion:	75	Resp:	36828
Ion Ratio	Lower	Upper	
75	100		
155	101.6	49.7	149.1
157	132.1	63.8	191.4





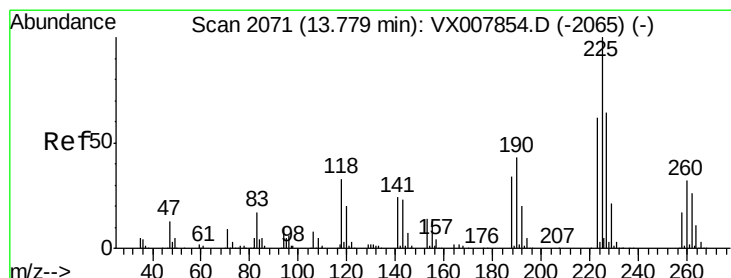
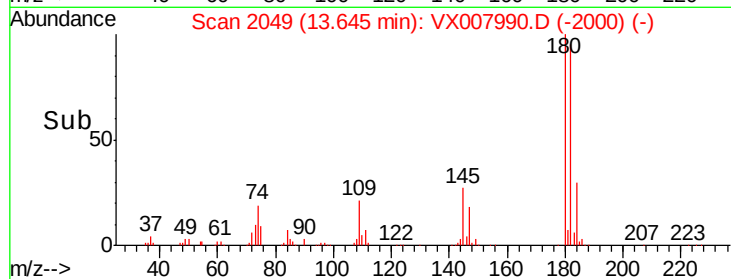
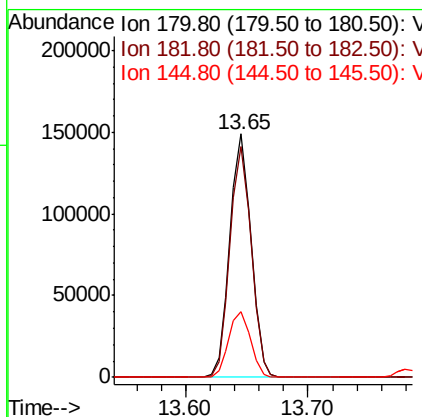
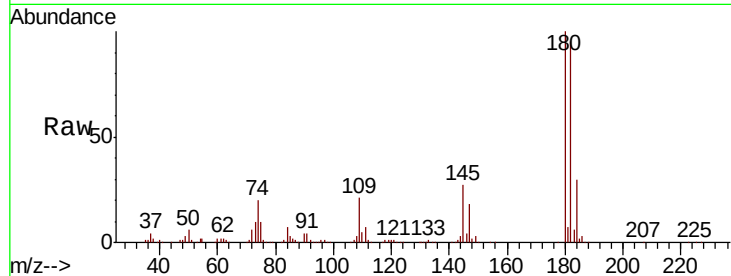
#93
 1,2,4-Trichlorobenzene
 Concen: 51.482 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178348		
182	95.3	47.9	143.7	
145	28.0	14.1	42.4	

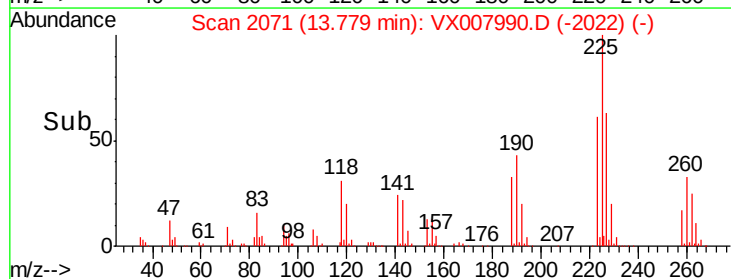
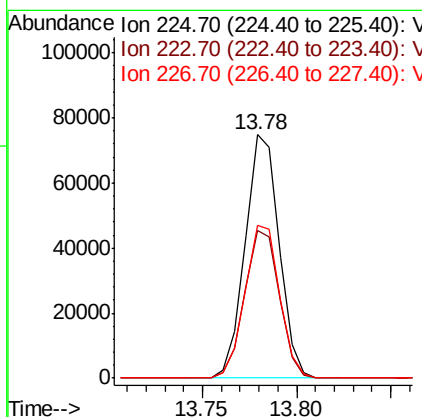
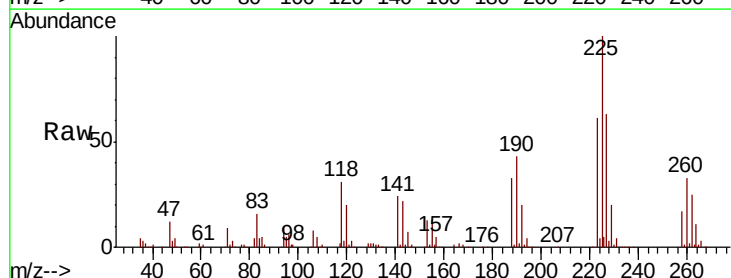
Manual Integrations
 APPROVED

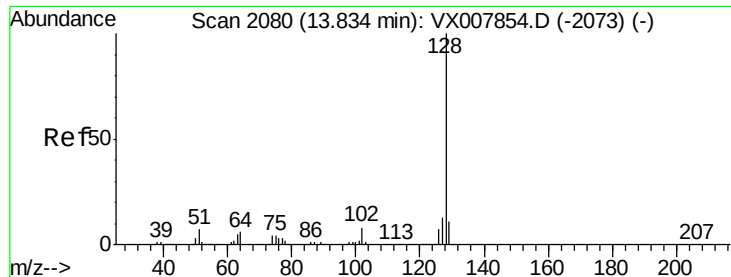
MMDadoda
 3/12/2019 2:21:05 PM



#94
 Hexachlorobutadiene
 Concen: 51.812 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93841		
223	62.1	31.1	93.2	
227	63.8	32.0	96.0	





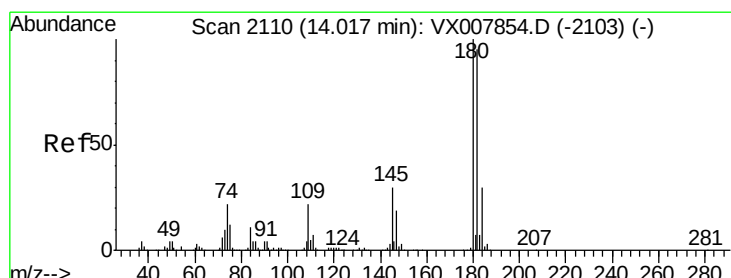
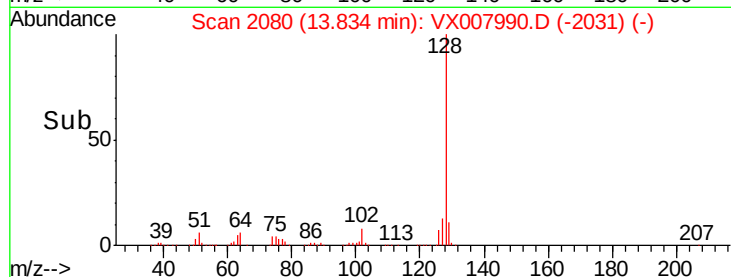
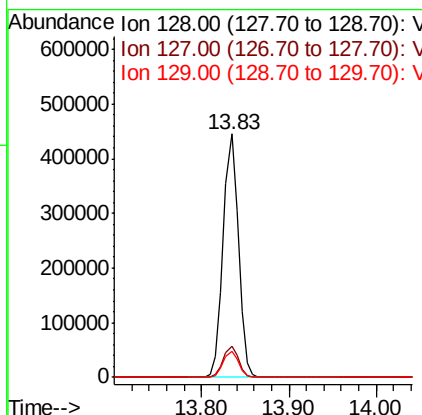
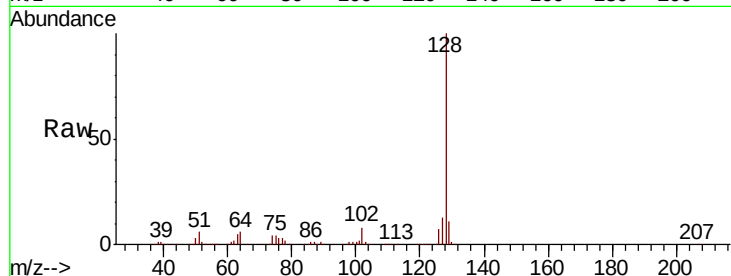
#95
Naphthalene
Concen: 53.530 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/12/2019 2:21:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.213 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	29.7	14.8	44.3

