

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007817.D
 Acq On : 04 Mar 2019 18:08
 Operator : JC/SP
 Sample : K1719-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:43 AM

Quant Time: Mar 04 22:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164051	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
35) Dibromofluoromethane	5.50	113	143171	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.71	98	525680	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	11.13	95	188387	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111236	39.829	ug/l	98
3) Chloromethane	1.33	50	138275	44.679	ug/l	99
4) Vinyl Chloride	1.41	62	147749	46.533	ug/l	99
5) Bromomethane	1.64	94	77348	38.311	ug/l	98
6) Chloroethane	1.71	64	98791	48.700	ug/l	99
7) Trichlorofluoromethane	1.93	101	202766	41.657	ug/l	100
8) Diethyl Ether	2.19	74	93736	46.923	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121042	41.143	ug/l	98
10) Methyl Iodide	2.51	142	194011	52.960	ug/l	97
11) Tert butyl alcohol	3.08	59	187671	263.390	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123258	46.479	ug/l	95
13) Acrolein	2.30	56	227951	360.023	ug/l	100
14) Allyl chloride	2.73	41	260310	53.087	ug/l	90
15) Acrylonitrile	3.15	53	442361	263.816	ug/l	99
16) Acetone	2.45	43	367835	220.260	ug/l	98
17) Carbon Disulfide	2.57	76	346786	47.004	ug/l	99
18) Methyl Acetate	2.78	43	202239	55.497	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	453173	49.072	ug/l	99
20) Methylene Chloride	2.86	84	138497	44.913	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	130714	45.340	ug/l	91
22) Diisopropyl ether	3.87	45	492852	48.283	ug/l	94
23) Vinyl Acetate	3.82	43	2053318	229.276	ug/l	97
24) 1,1-Dichloroethane	3.70	63	263452	47.489	ug/l	98
25) 2-Butanone	4.70	43	610608	240.032	ug/l	96
26) 2,2-Dichloropropane	4.58	77	168799	38.118	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	159964	43.606	ug/l	95
28) Bromochloromethane	5.02	49	120546	44.635	ug/l	87
29) Tetrahydrofuran	5.15	42	406969	242.700	ug/l	94
30) Chloroform	5.21	83	252790	42.540	ug/l	100
31) Cyclohexane	5.57	56	227050	43.510	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	213072	43.356	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185368	45.684	ug/l	98
37) Ethyl Acetate	4.85	43	219428	48.682	ug/l	100
38) Carbon Tetrachloride	5.78	117	185055	45.402	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007817.D
 Acq On : 04 Mar 2019 18:08
 Operator : JC/SP
 Sample : K1719-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:43 AM

Quant Time: Mar 04 22:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217672	42.445	ug/l	94
40) Benzene	6.14	78	588433	46.978	ug/l	100
41) Methacrylonitrile	5.06	41	133285	55.377	ug/l	93
42) 1,2-Dichloroethane	6.20	62	192264	45.668	ug/l	98
43) Isopropyl Acetate	6.46	43	349506	50.382	ug/l	98
44) Trichloroethene	7.21	130	190897	55.402	ug/l	96
45) 1,2-Dichloropropane	7.51	63	157481	48.535	ug/l	99
46) Dibromomethane	7.66	93	98636	43.575	ug/l	97
47) Bromodichloromethane	7.90	83	189604	48.335	ug/l	99
48) Methyl methacrylate	7.77	41	185473	51.006	ug/l	91
49) 1,4-Dioxane	7.75	88	73929	941.309	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1156843	249.129	ug/l	100
52) Toluene	8.78	92	357619	45.277	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	208353	43.131	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	228475	47.995	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149363	45.348	ug/l	98
56) Ethyl methacrylate	9.18	69	231337	49.390	ug/l	95
57) 1,3-Dichloropropane	9.37	76	248714	47.172	ug/l	99
59) 2-Hexanone	9.49	43	873318	239.553	ug/l	99
60) Dibromochloromethane	9.58	129	158777	50.098	ug/l	98
61) 1,2-Dibromoethane	9.67	107	158242	46.273	ug/l	100
64) Tetrachloroethene	9.34	164	156080	48.520	ug/l	97
65) Chlorobenzene	10.13	112	393701	45.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146822	49.114	ug/l	99
67) Ethyl Benzene	10.25	91	662343	46.654	ug/l	100
68) m/p-Xylenes	10.36	106	509290	92.212	ug/l	97
69) o-Xylene	10.70	106	249743	47.011	ug/l	97
70) Stvrene	10.71	104	402137	46.053	ug/l	99
71) Bromoform	10.85	173	125708	56.077	ug/l #	99
73) Isopropylbenzene	11.02	105	665841	46.421	ug/l	100
74) N-amyl acetate	10.90	43	299094	48.018	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223203	44.992	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	214212m	50.075	ug/l	
77) Bromobenzene	11.26	156	178317	49.564	ug/l	95
78) n-propylbenzene	11.36	91	732391	45.186	ug/l	99
79) 2-Chlorotoluene	11.42	91	440666	45.153	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	543766	46.088	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	67390	42.683	ug/l	91
82) 4-Chlorotoluene	11.51	91	505263	44.256	ug/l	98
83) tert-Butylbenzene	11.77	119	546920	48.280	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	557854	46.224	ug/l	99
85) sec-Butylbenzene	11.94	105	648288	45.669	ug/l	99
86) p-Isopropyltoluene	12.06	119	586674	47.192	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311137	46.624	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	312741	45.759	ug/l	100
89) n-Butylbenzene	12.38	91	483388	43.600	ug/l	99
90) Hexachloroethane	12.60	117	97913	46.744	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	312691	46.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48681	45.036	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	215354	52.837	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030419\
Data File : VX007817.D
Acq On : 04 Mar 2019 18:08
Operator : JC/SP
Sample : K1719-03MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

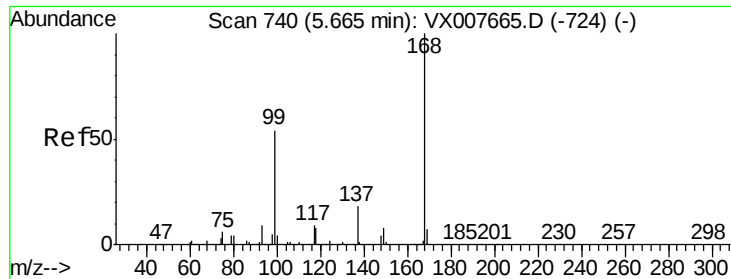
Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM

Quant Time: Mar 04 22:23:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	110067	59.032	ug/l	99
95) Naphthalene	13.83	128	663673	50.260	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217264	53.089	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:168 Resp: 303173

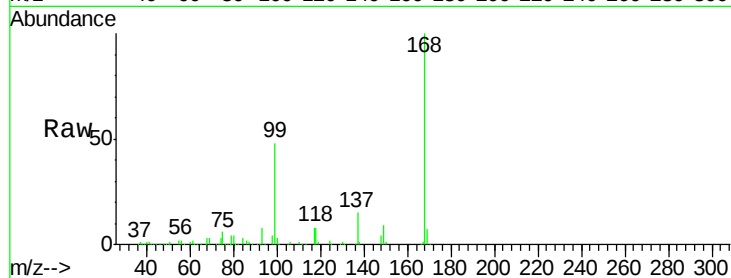
Ion Ratio Lower Upper

168 100

99 47.4 37.9 56.9

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

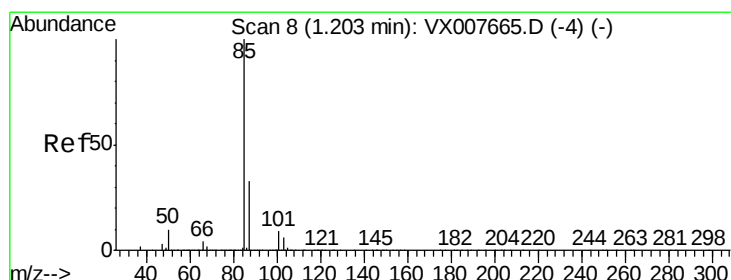
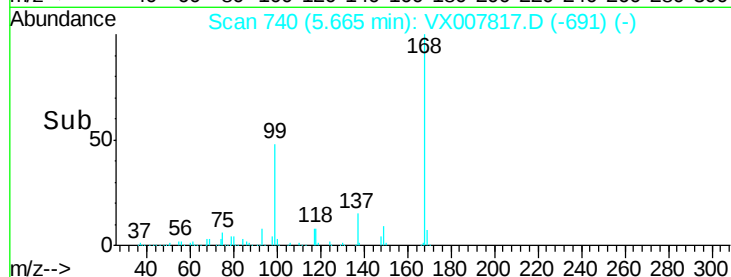
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 39.829 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007817.D

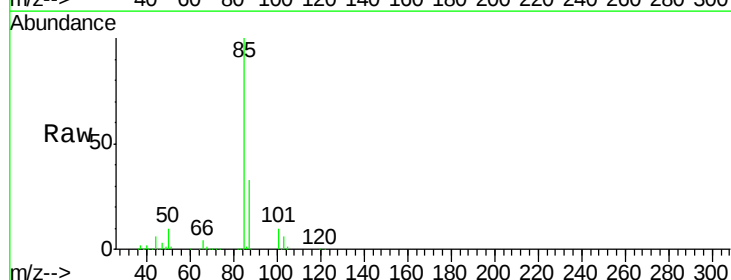
Acq: 04 Mar 2019 18:08

Tgt Ion: 85 Resp: 111236

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

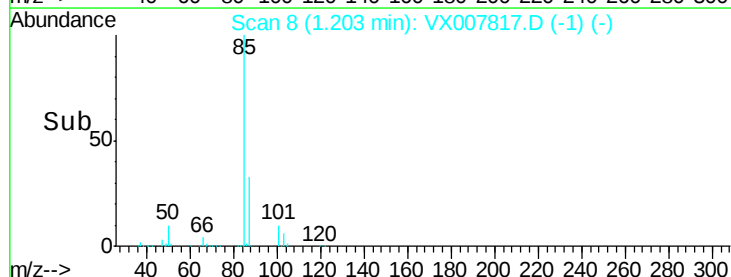
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 44.679 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 50 Resp: 138275

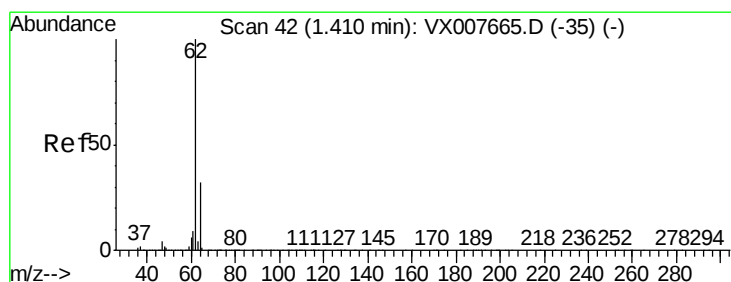
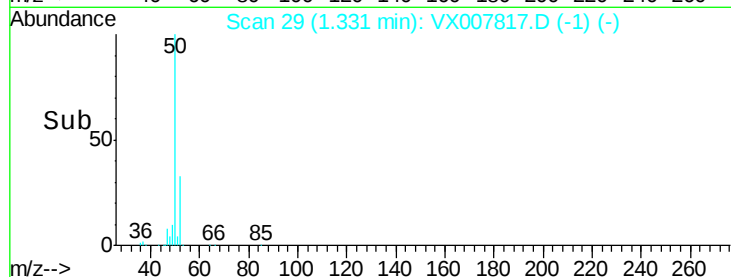
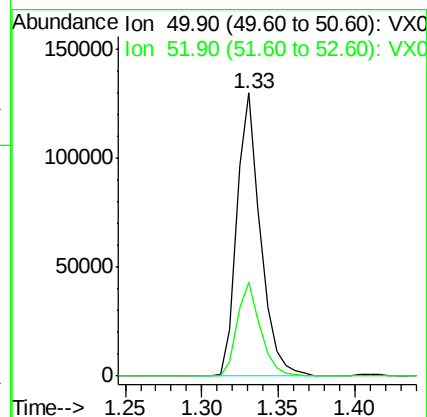
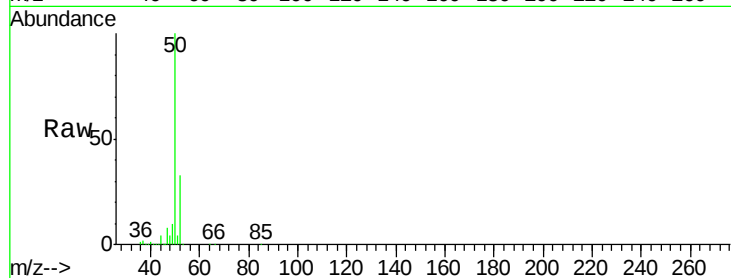
Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#4

Vinyl Chloride

Concen: 46.533 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007817.D

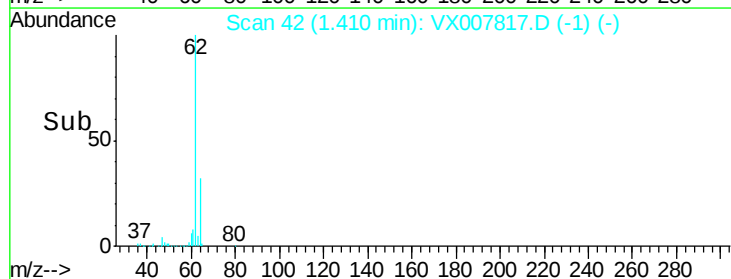
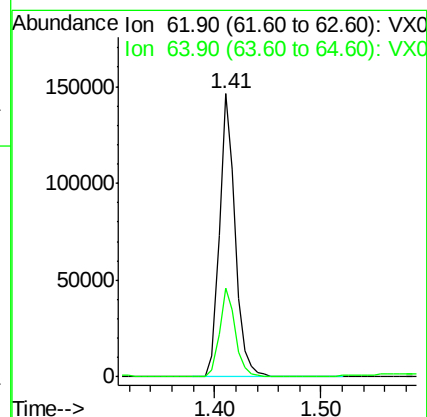
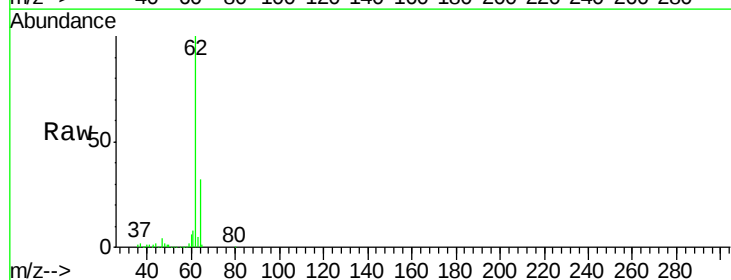
Acq: 04 Mar 2019 18:08

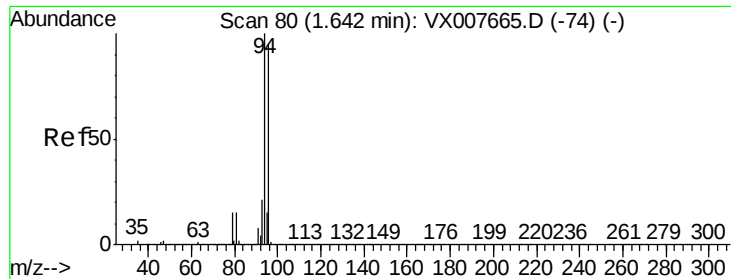
Tgt Ion: 62 Resp: 147749

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 38.311 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 94 Resp: 77348

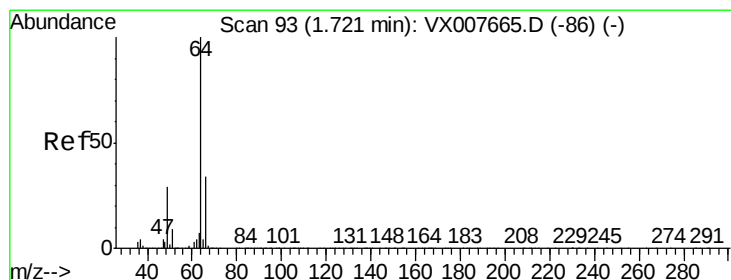
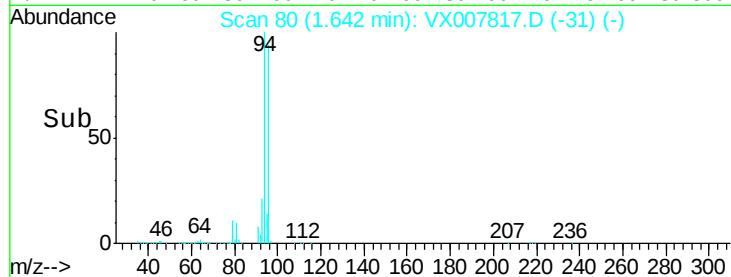
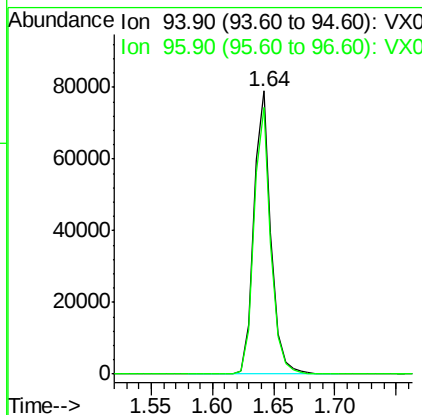
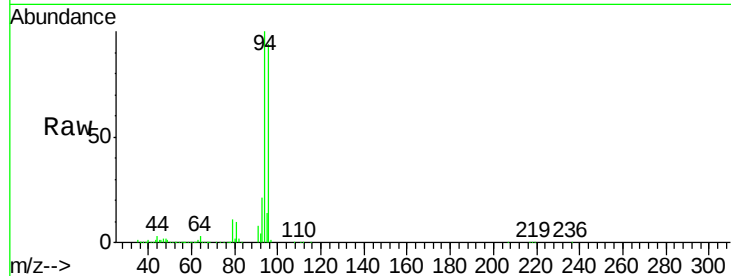
Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#6

Chloroethane

Concen: 48.700 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007817.D

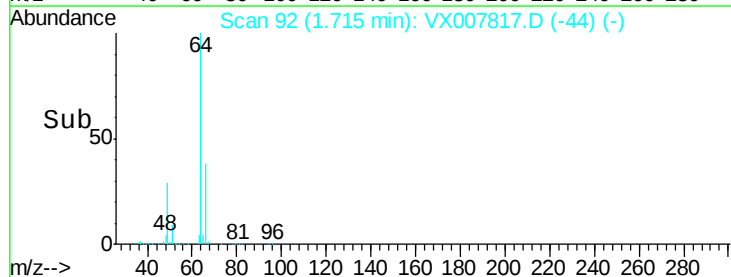
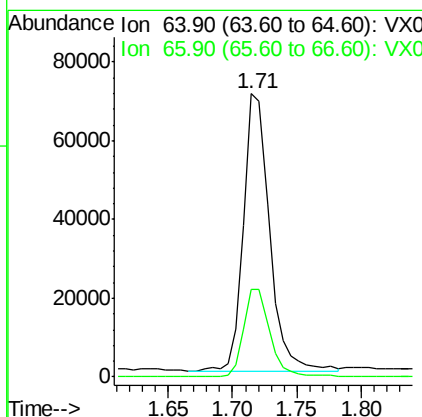
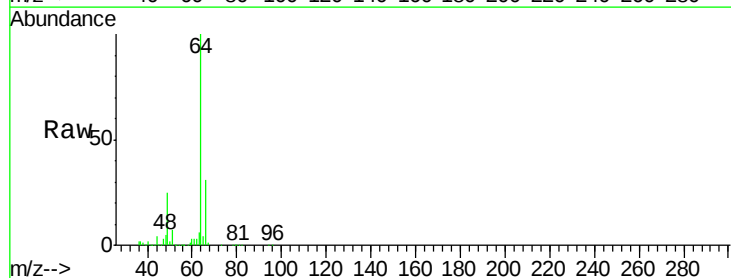
Acq: 04 Mar 2019 18:08

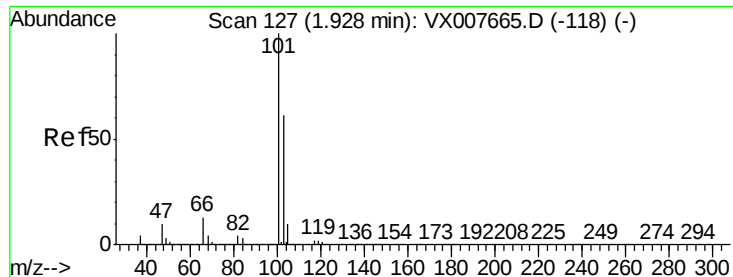
Tgt Ion: 64 Resp: 98791

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3





#7

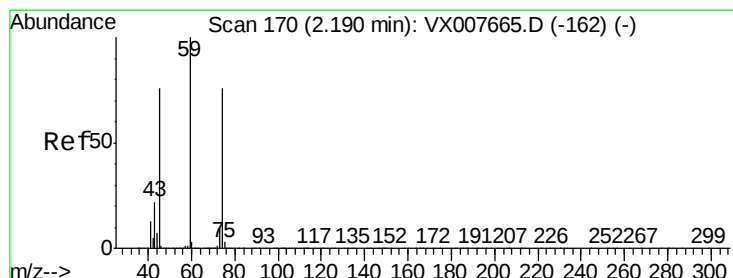
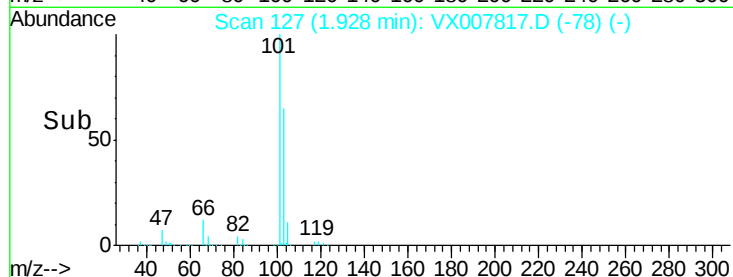
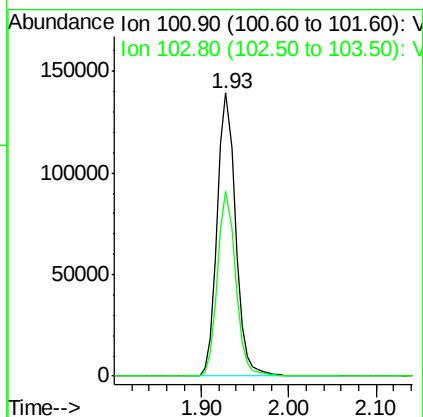
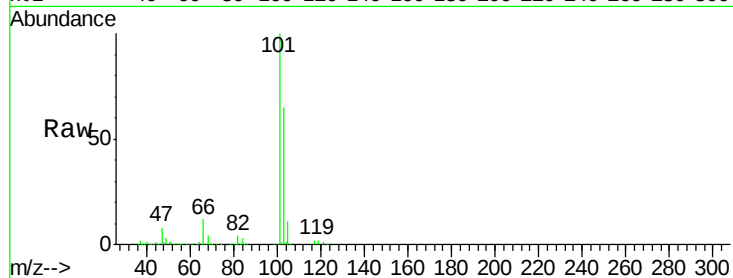
Trichlorofluoromethane
Concen: 41.657 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.6	79.0

Manual Integrations
APPROVED

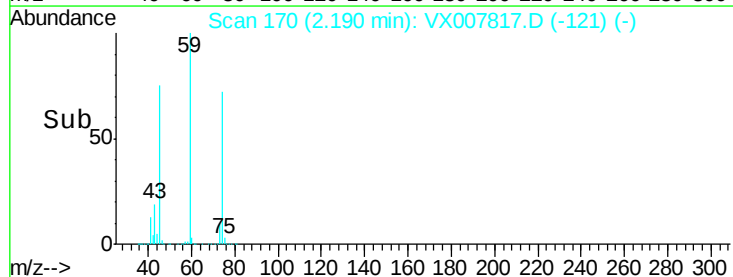
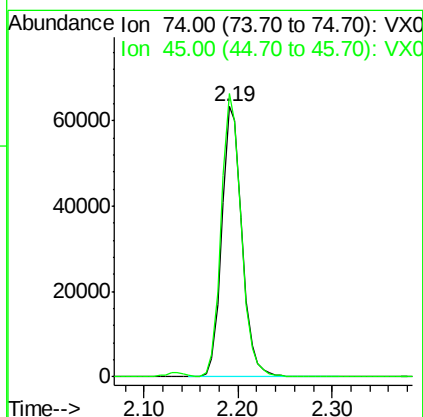
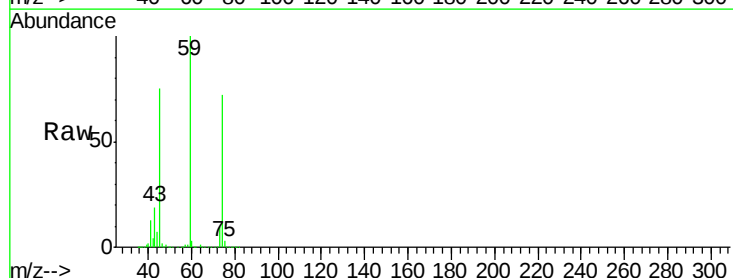
MMDadoda
3/5/2019 9:34:43 AM



#8

Diethyl Ether
Concen: 46.923 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.143 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

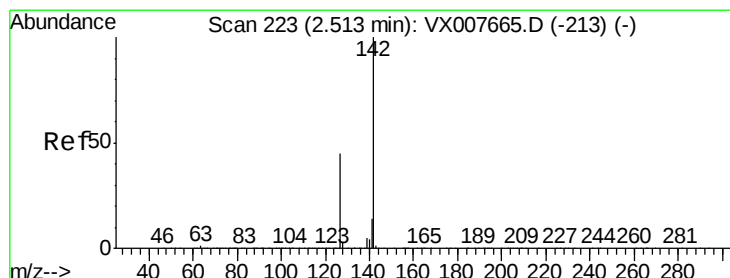
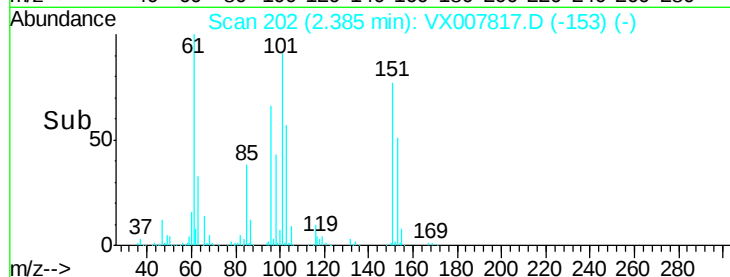
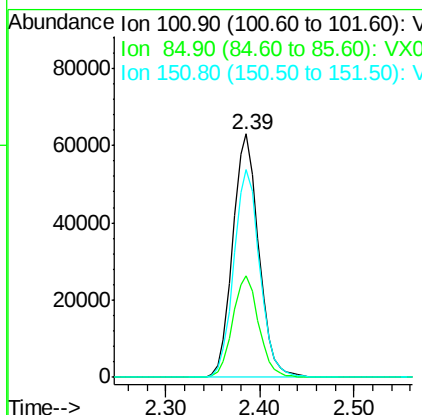
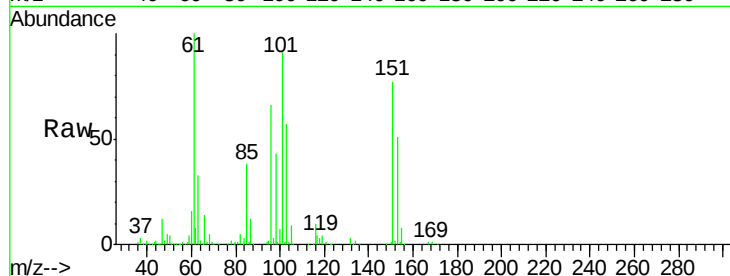
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	101	Resp:	121042
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.1	51.1
151	85.4	69.9	104.9

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#10

Methyl Iodide

Concen: 52.960 ug/l

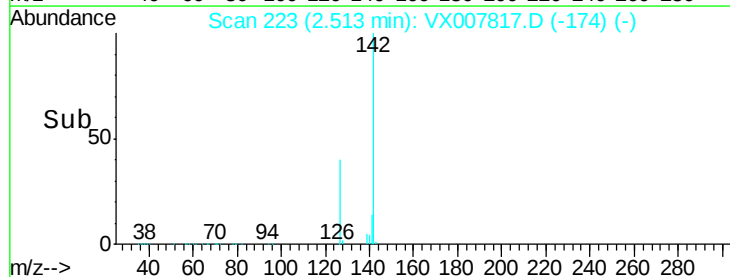
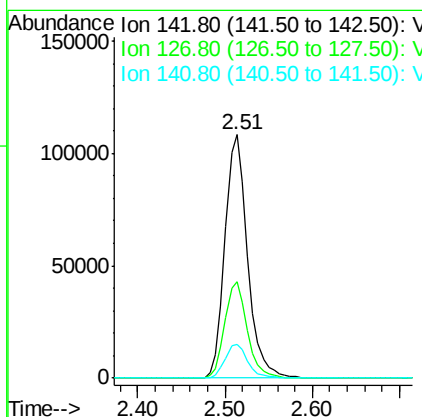
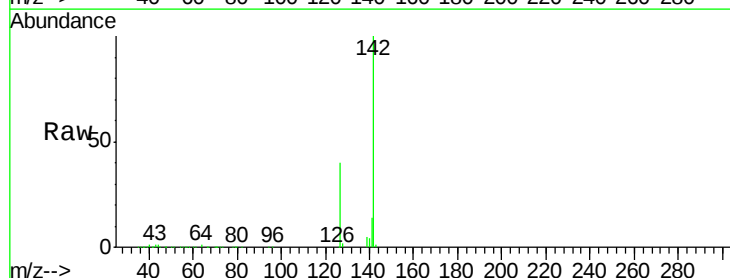
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	142	Resp:	194011
Ion Ratio	Lower	Upper	
142	100		
127	39.6	33.7	50.5
141	14.1	11.3	16.9





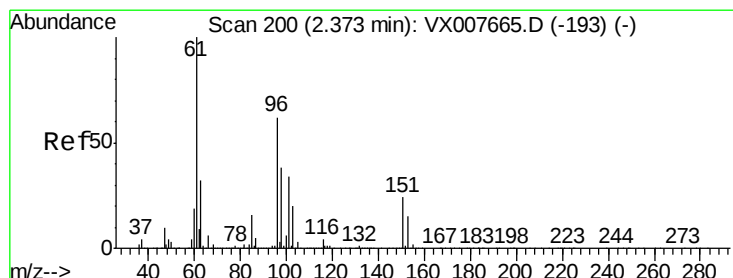
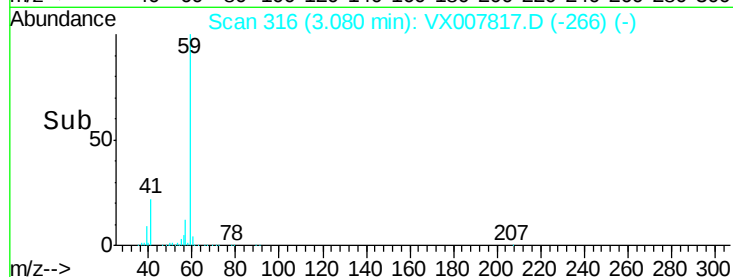
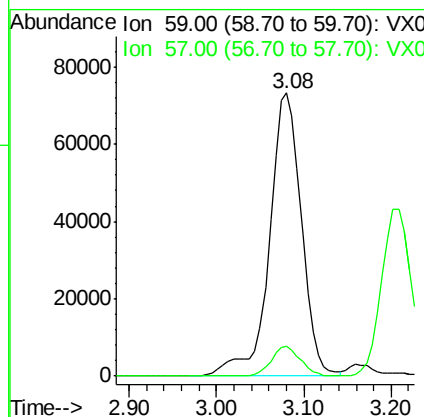
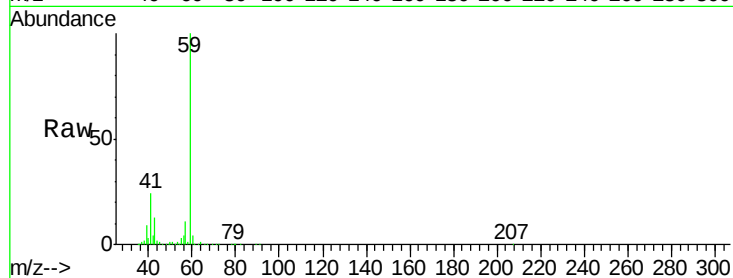
#11
Tert butyl alcohol
Concen: 263.390 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	187671		
57	57	9.5		8.1	12.1

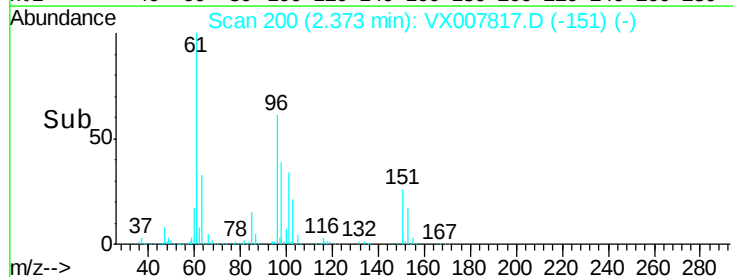
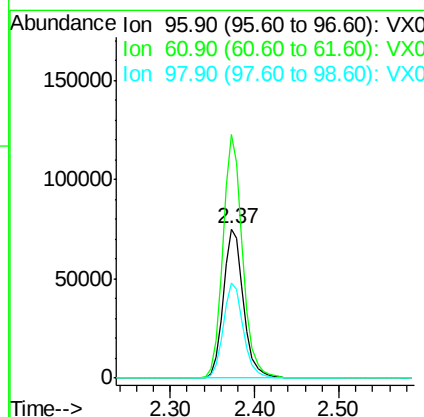
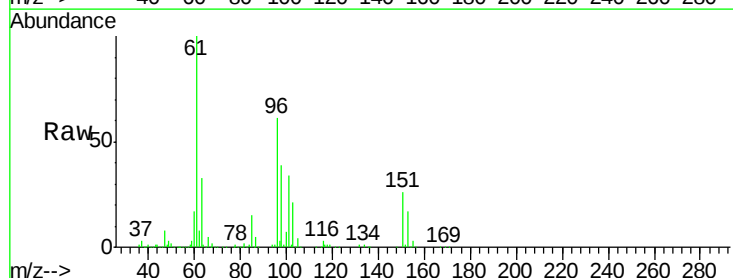
Manual Integrations
APPROVED

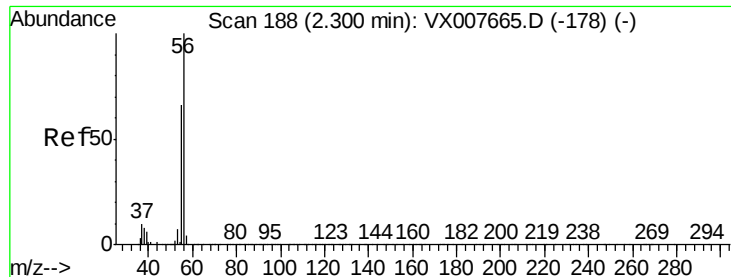
MMDadoda
3/5/2019 9:34:43 AM



#12
1,1-Dichloroethene
Concen: 46.479 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	123258		
61	61	162.9		123.0	184.4
98	98	63.9		50.9	76.3





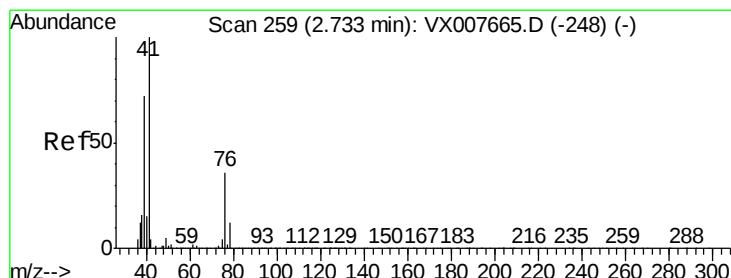
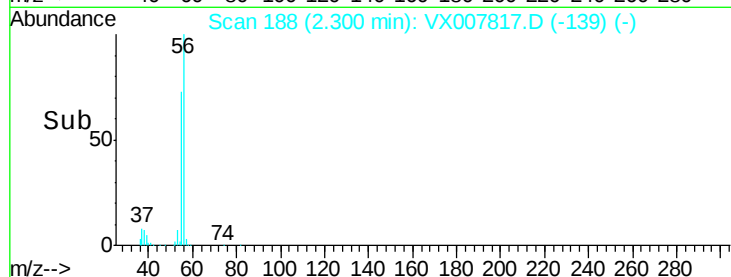
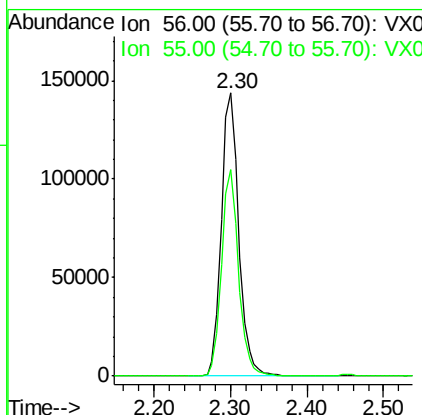
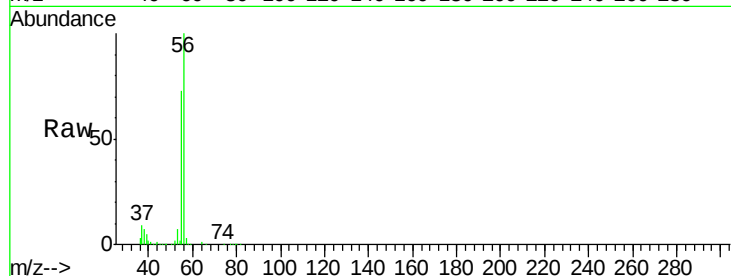
#13
Acrolein
Concen: 360.023 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.2	56.9	85.3

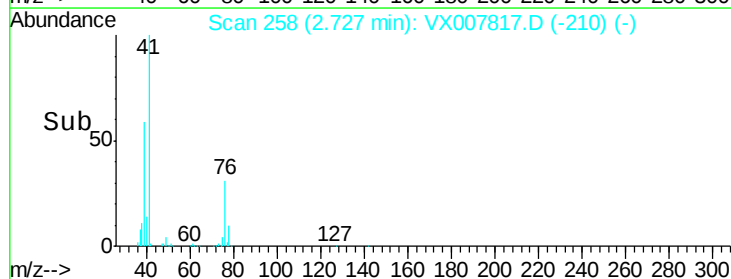
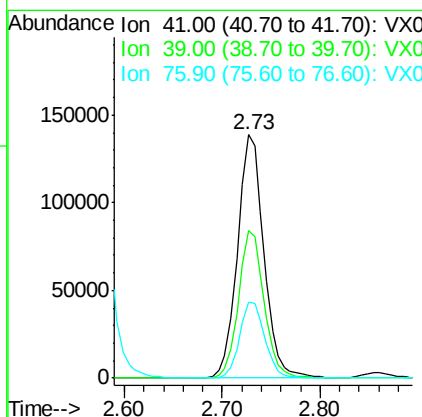
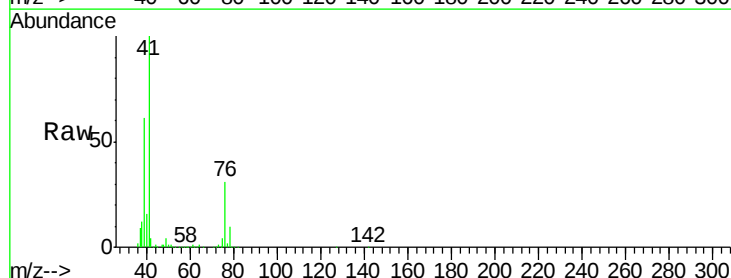
Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#14
Allyl chloride
Concen: 53.087 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	58.4	54.1	81.1
76	76	30.2	27.8	41.8





#15

Acrylonitrile

Concen: 263.816 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

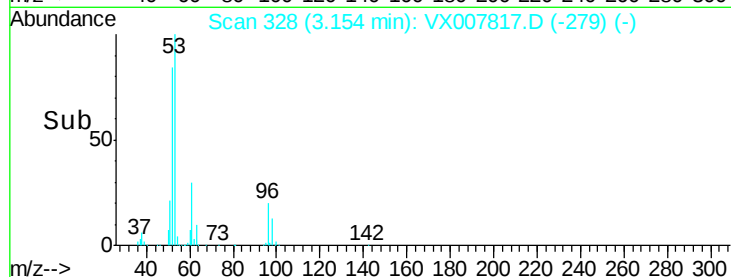
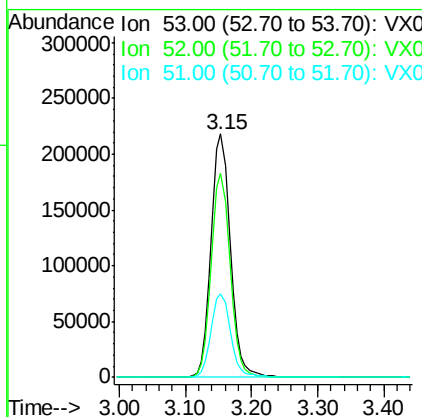
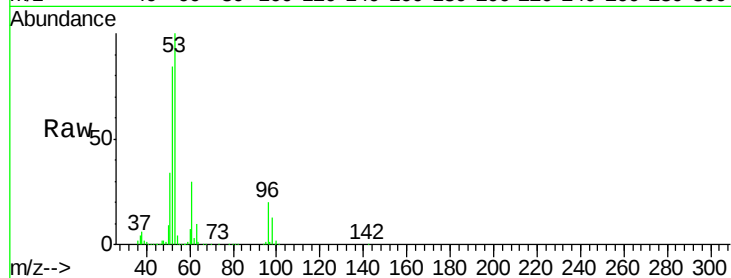
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	53	Resp:	442361
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.4	99.6
51	35.0	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#16

Acetone

Concen: 220.260 ug/l

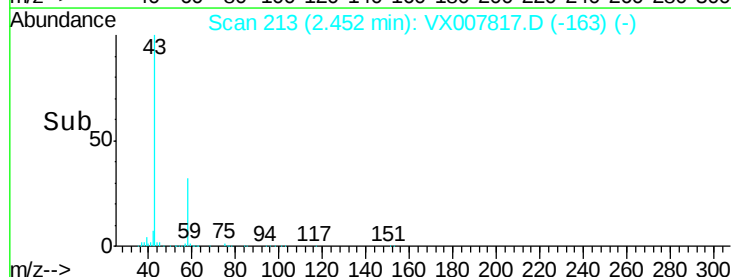
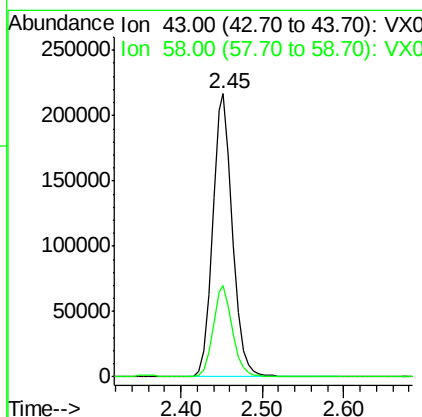
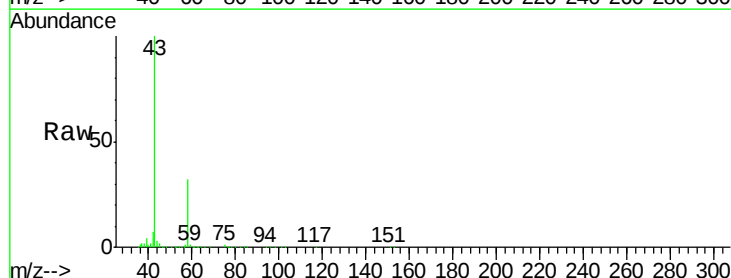
RT: 2.45 min Scan# 213

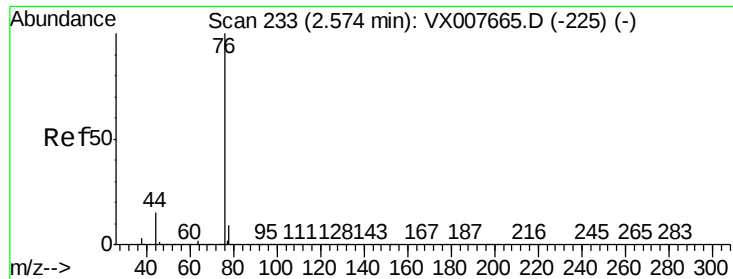
Delta R.T. 0.01 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	43	Resp:	367835
Ion Ratio		Lower	Upper
43	100		
58	32.2	24.9	37.3





#17

Carbon Disulfide

Concen: 47.004 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 76 Resp: 346786

Ion Ratio Lower Upper

76 100

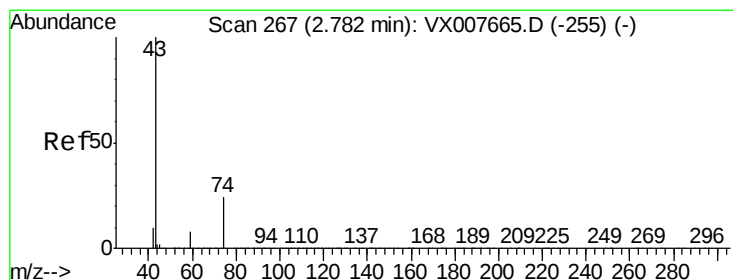
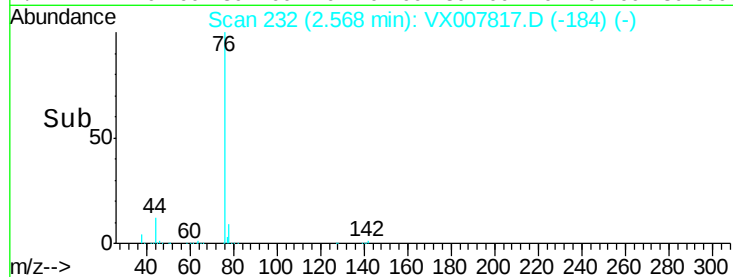
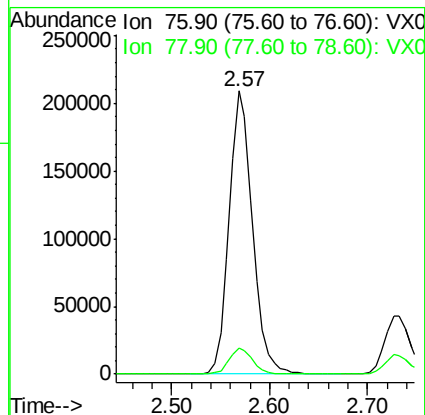
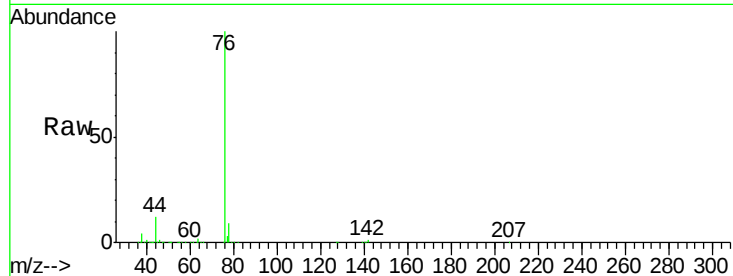
78 9.1 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

3/5/2019 9:34:43 AM



#18

Methyl Acetate

Concen: 55.497 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007817.D

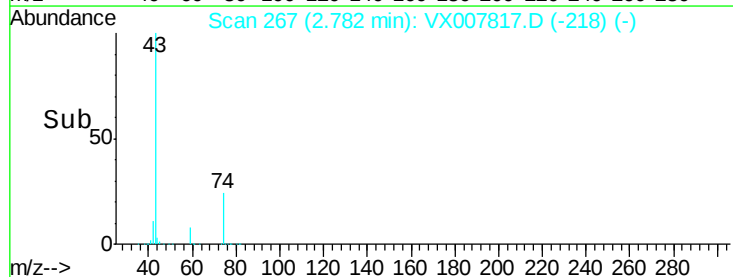
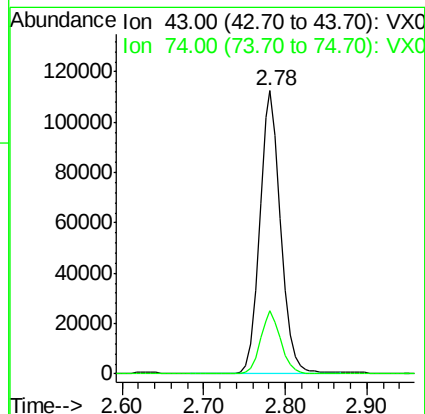
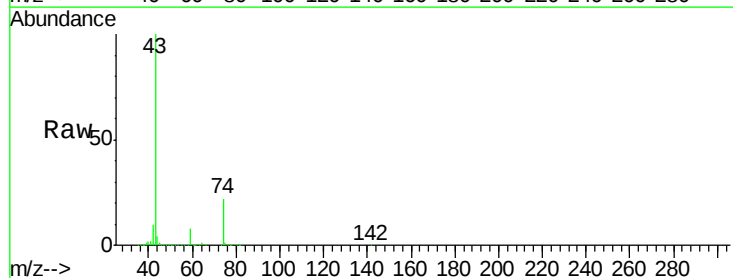
Acq: 04 Mar 2019 18:08

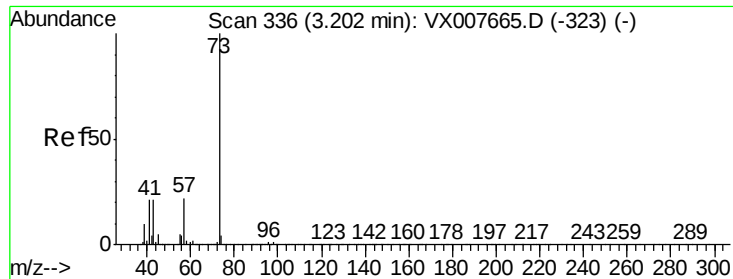
Tgt Ion: 43 Resp: 202239

Ion Ratio Lower Upper

43 100

74 22.0 19.4 29.2





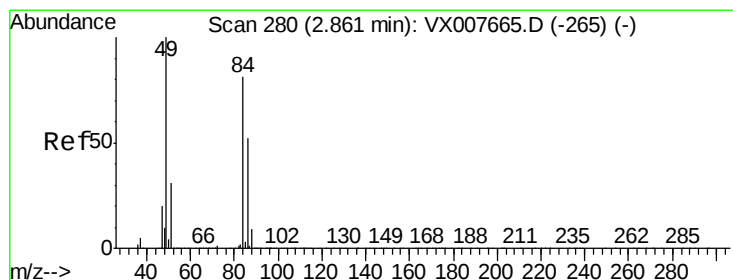
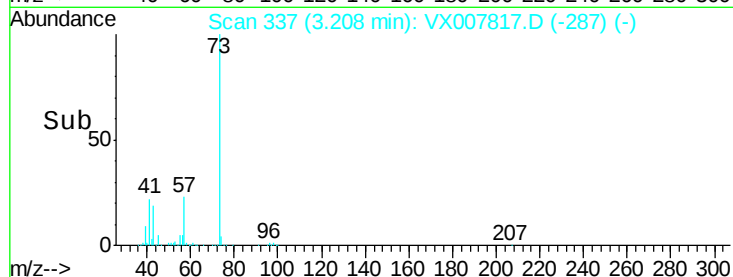
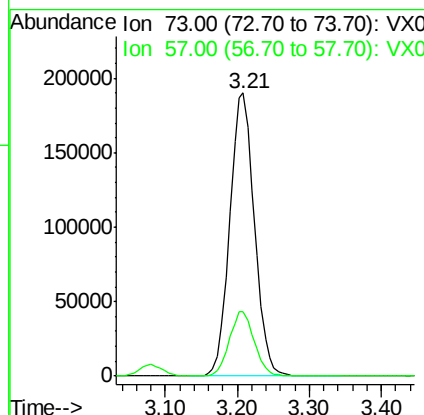
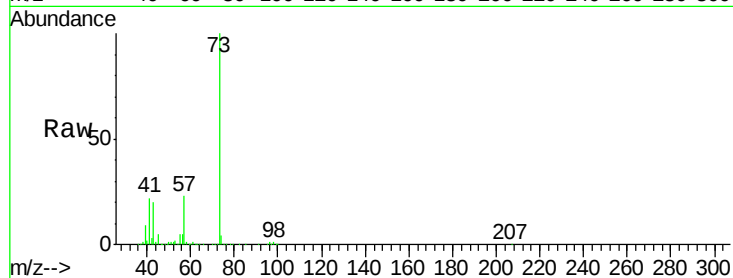
#19
Methvl tert-butvl Ether
Concen: 49.072 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.8	26.8

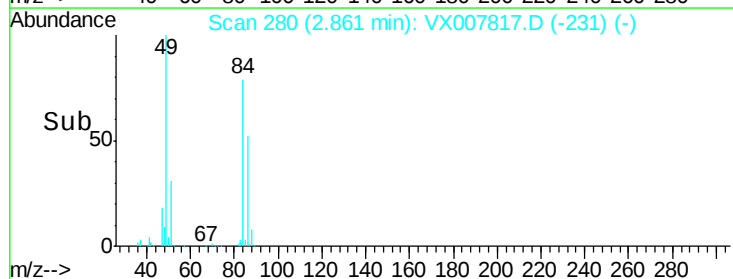
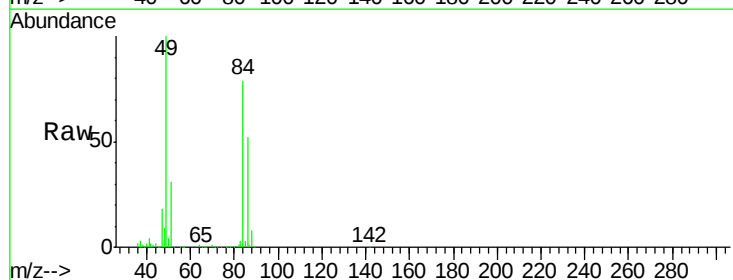
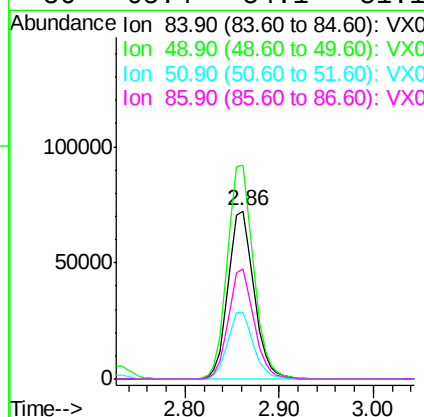
Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#20
Methylene Chloride
Concen: 44.913 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	94.8	142.2
51	39.2	29.8	44.8
86	65.4	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 45.340 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

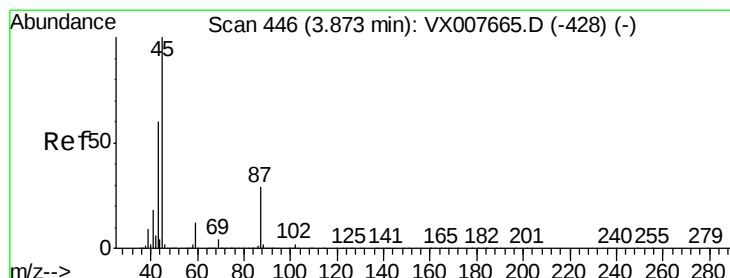
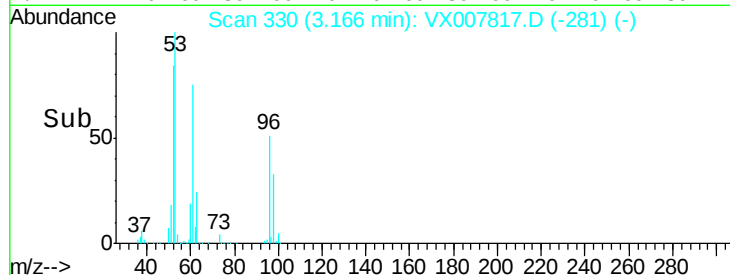
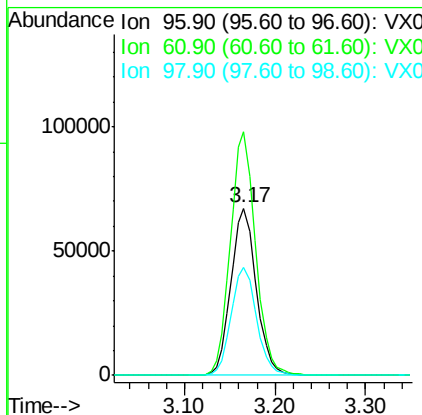
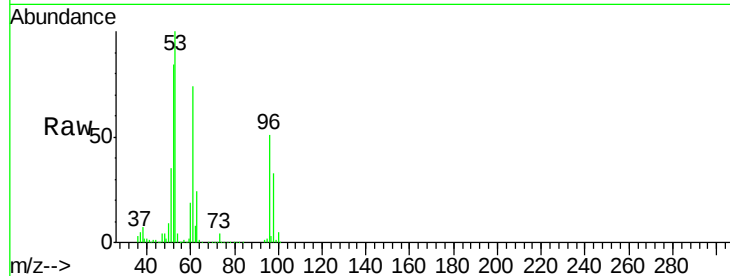
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	96	Resp:	130714
Ion Ratio	Lower	Upper	
96	100		
61	145.4	104.6	156.8
98	64.8	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#22

Diisopropyl ether

Concen: 48.283 ug/l

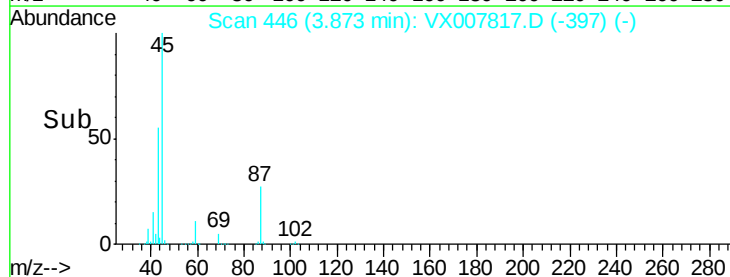
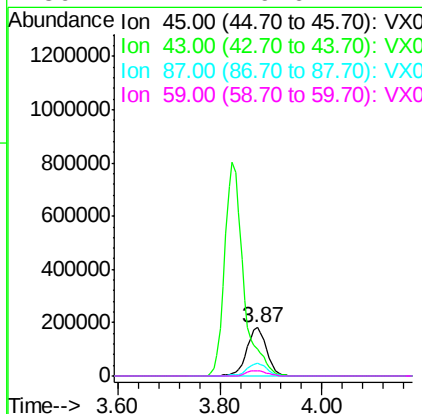
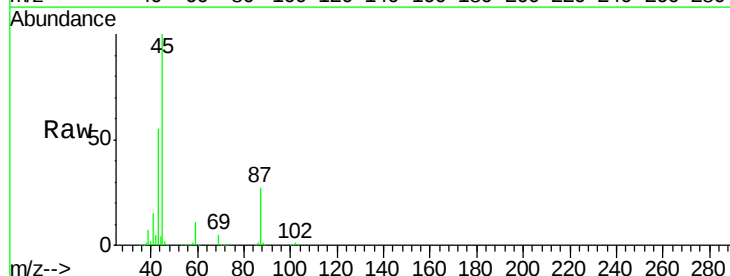
RT: 3.87 min Scan# 446

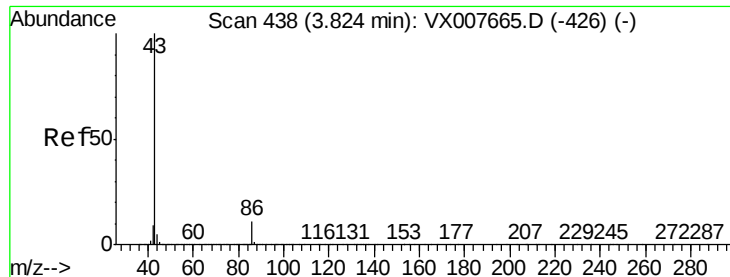
Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	45	Resp:	492852
Ion Ratio	Lower	Upper	
45	100		
43	55.2	48.9	73.3
87	26.6	23.9	35.9
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 229.276 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 43 Resp: 2053318

Ion Ratio Lower Upper

43 100

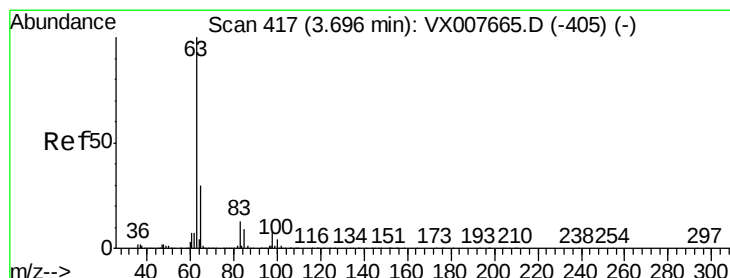
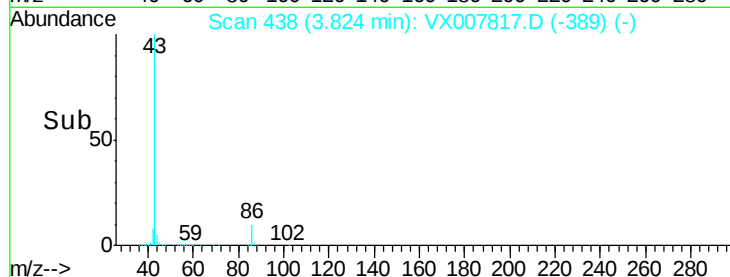
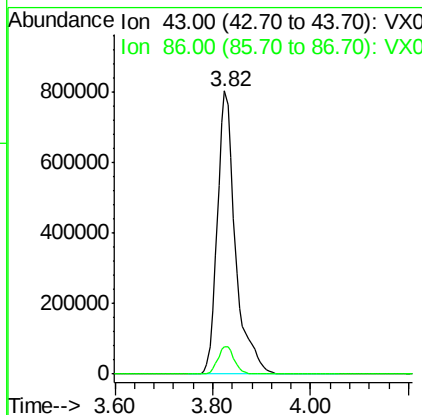
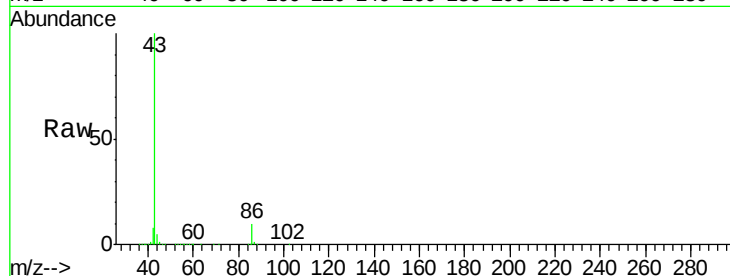
86 9.8 8.7 13.1

Manual Integrations

APPROVED

MMDadoda

3/5/2019 9:34:43 AM



#24

1,1-Dichloroethane

Concen: 47.489 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

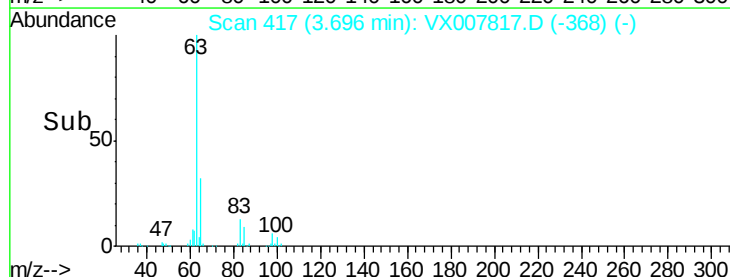
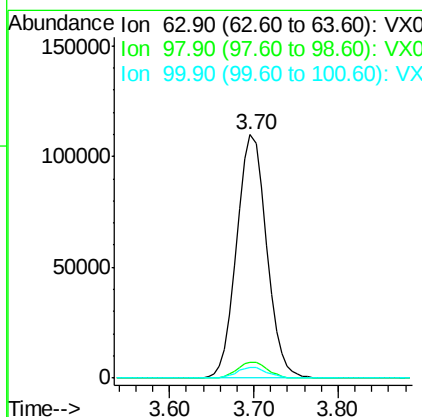
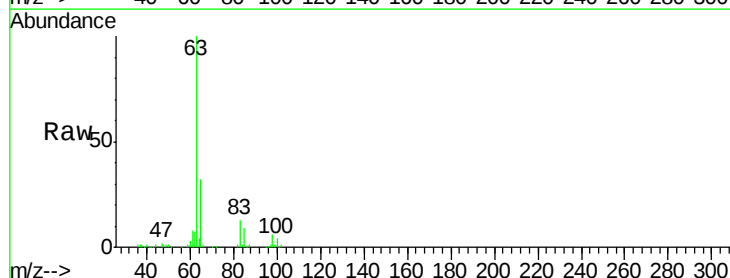
Tgt Ion: 63 Resp: 263452

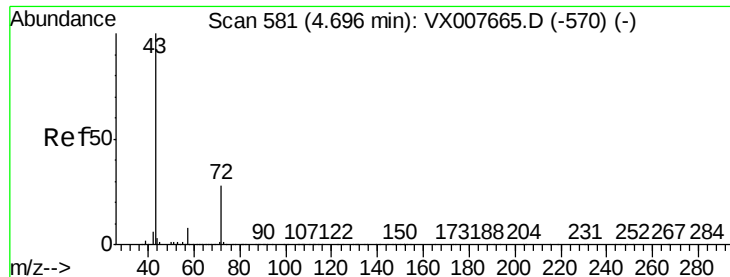
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 240.032 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 43 Resp: 610608

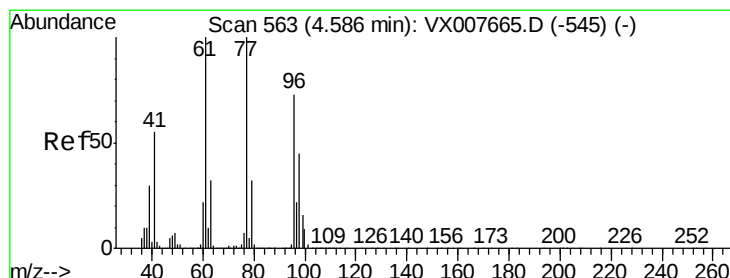
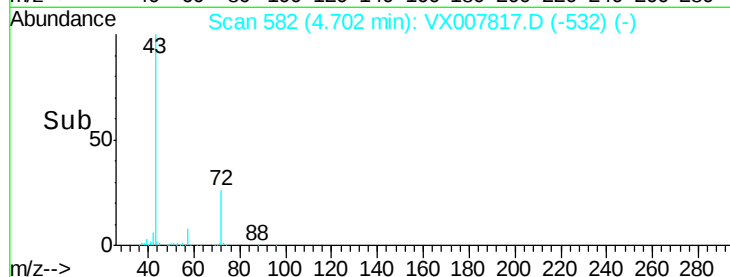
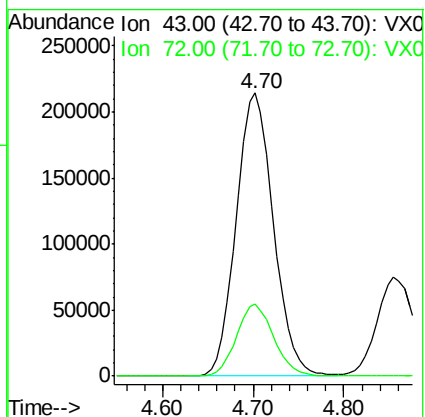
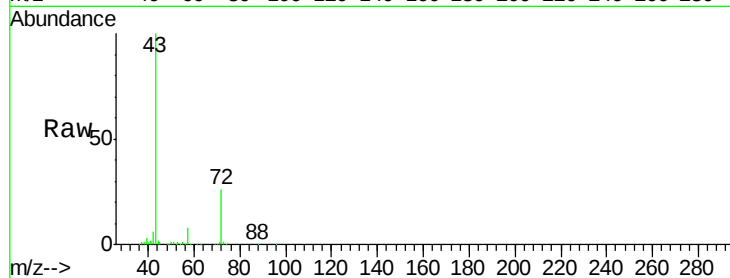
Ion Ratio Lower Upper

43 100

72 25.5 22.2 33.2

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#26

2,2-Dichloropropane

Concen: 38.118 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007817.D

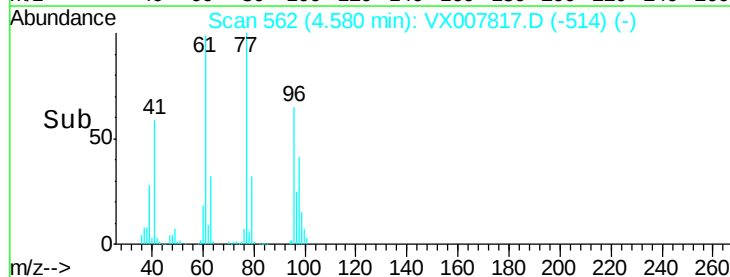
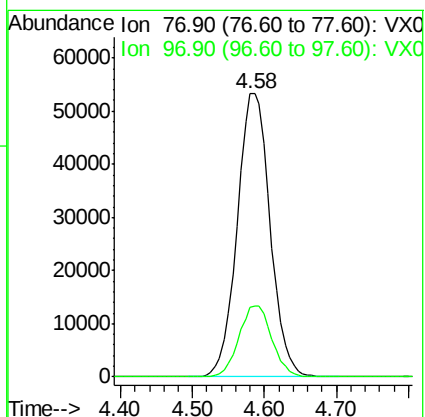
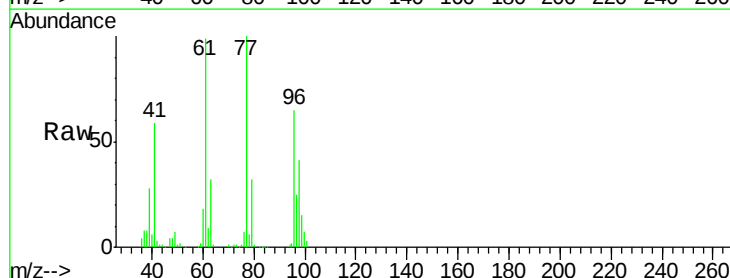
Acq: 04 Mar 2019 18:08

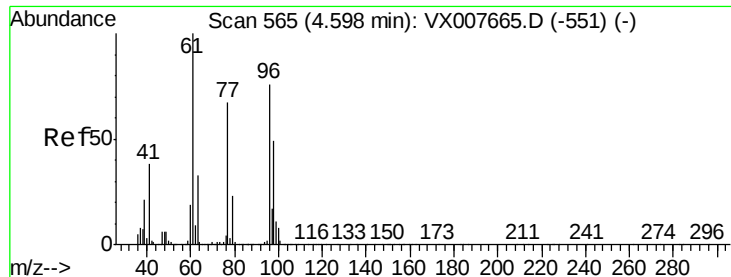
Tgt Ion: 77 Resp: 168799

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3





#27

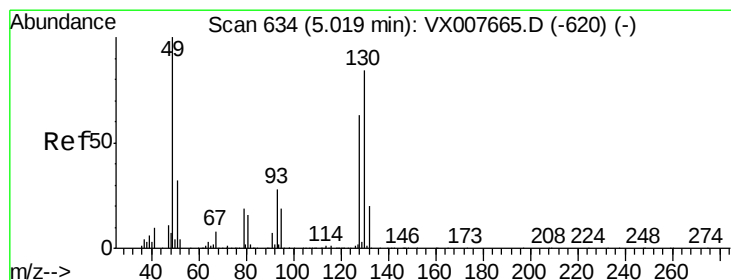
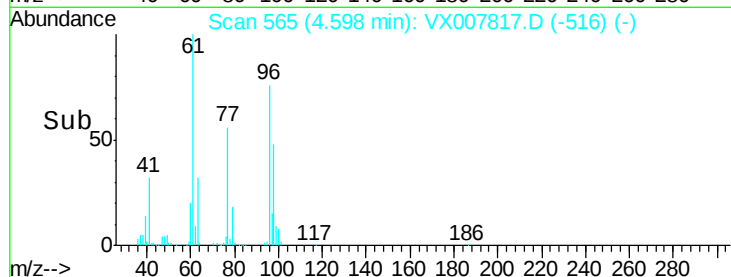
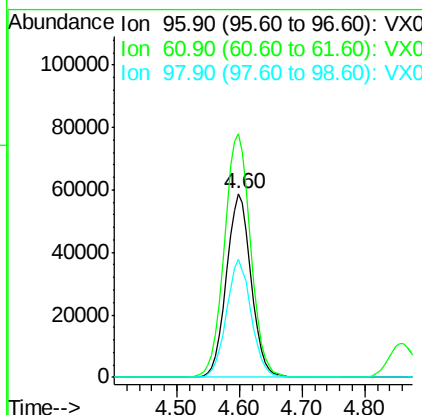
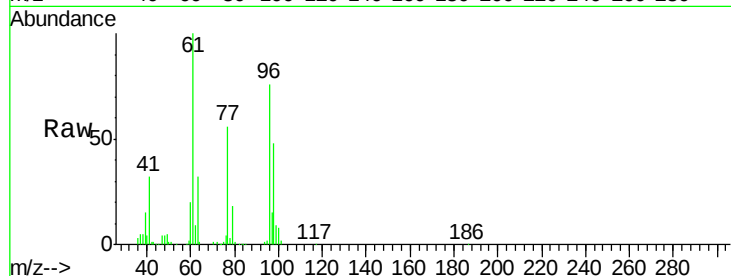
cis-1,2-Dichloroethene
Concen: 43.606 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	265.6
98	64.4	0.0	131.6

Manual Integrations
APPROVED

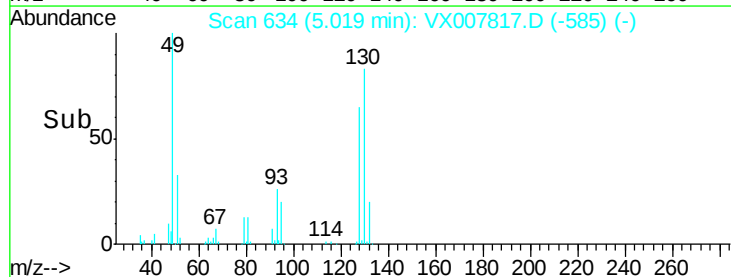
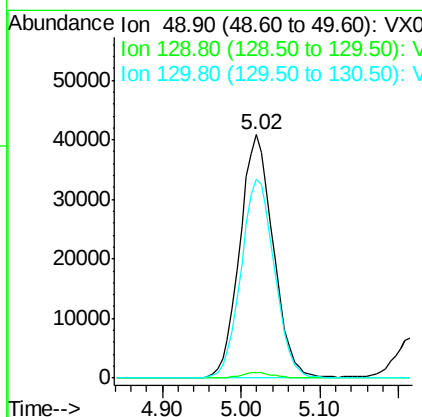
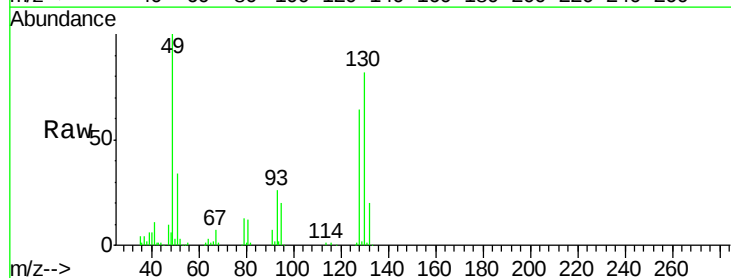
MMDadoda
3/5/2019 9:34:43 AM

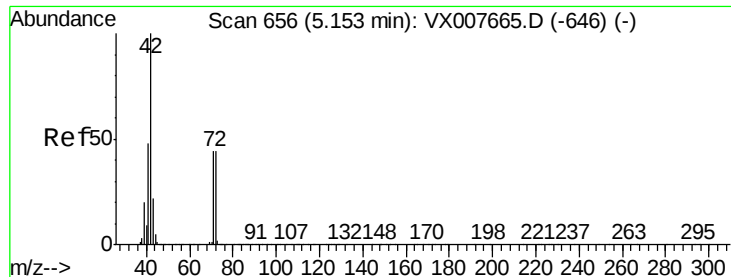


#28

Bromochloromethane
Concen: 44.635 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	81.8	75.6	113.4





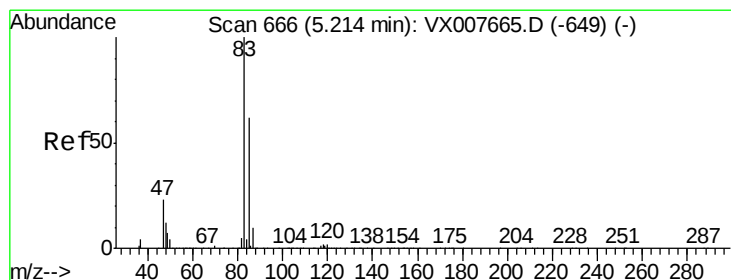
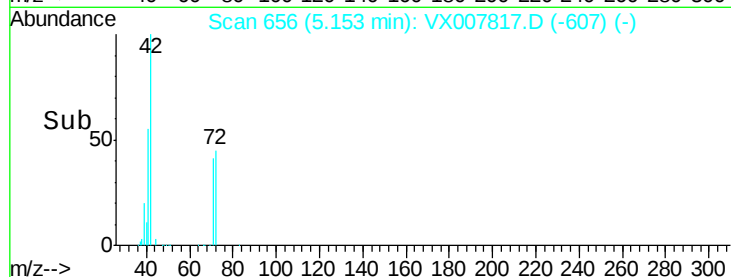
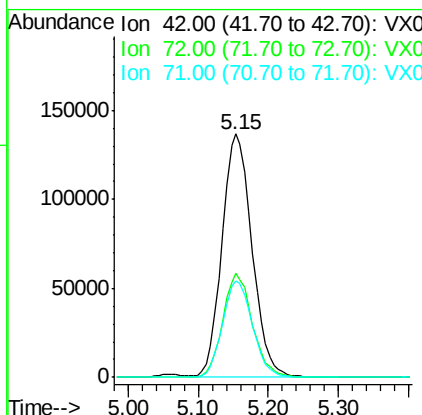
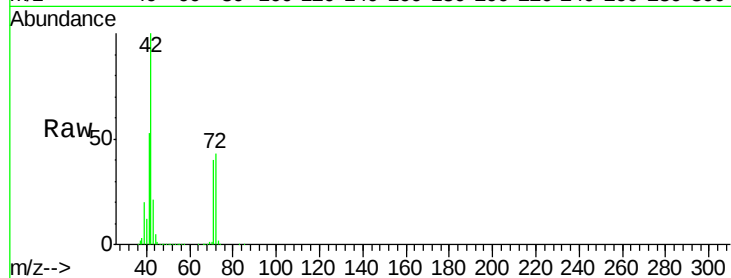
#29
Tetrahydrofuran
Concen: 242.700 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	42.2	37.6	56.4
71	39.6	34.6	51.8

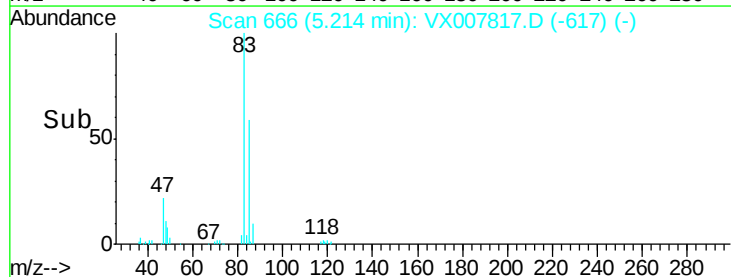
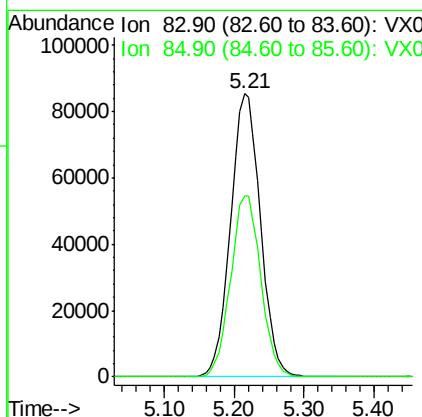
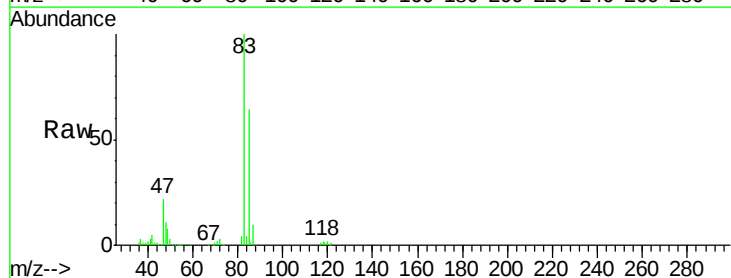
Manual Integrations
APPROVED

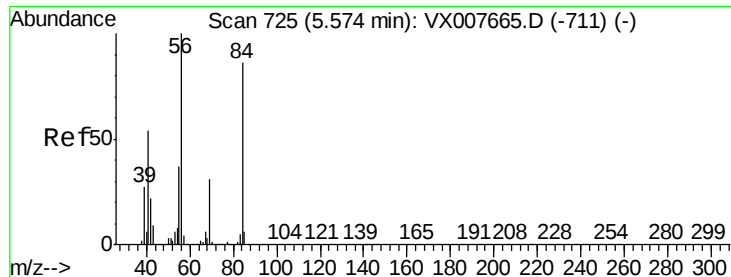
MMDadoda
3/5/2019 9:34:43 AM



#30
Chloroform
Concen: 42.540 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.1	51.6	77.4





#31

Cyclohexane

Concen: 43.510 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

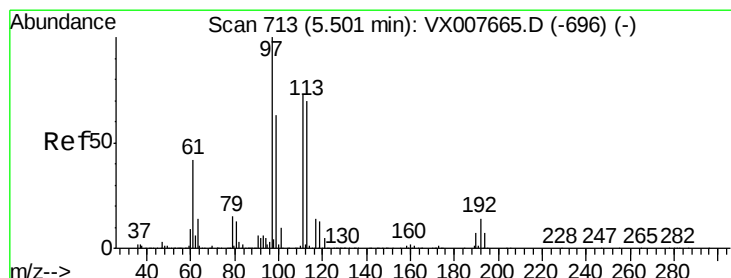
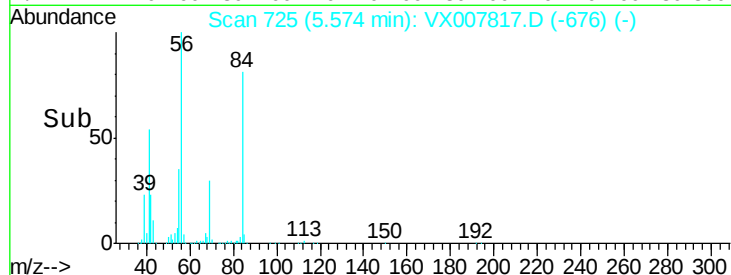
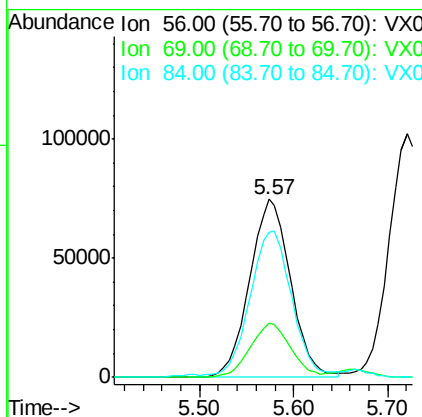
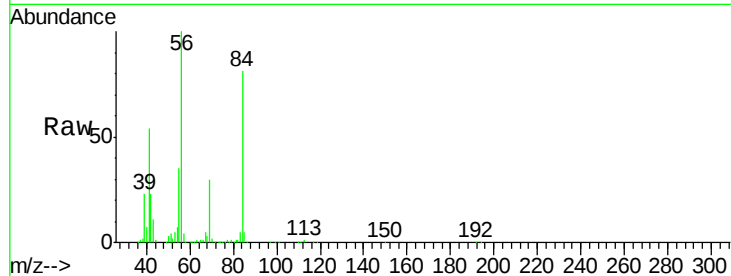
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	56	Resp:	227050
Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.0	34.6
84	79.9	69.8	104.6

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#32

1,1,1-Trichloroethane

Concen: 43.356 ug/l

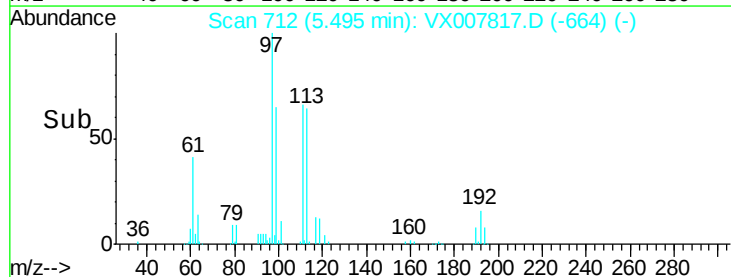
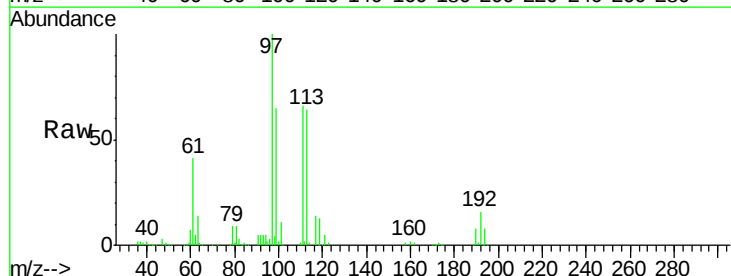
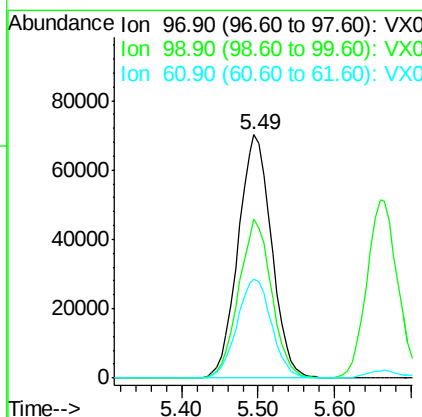
RT: 5.49 min Scan# 712

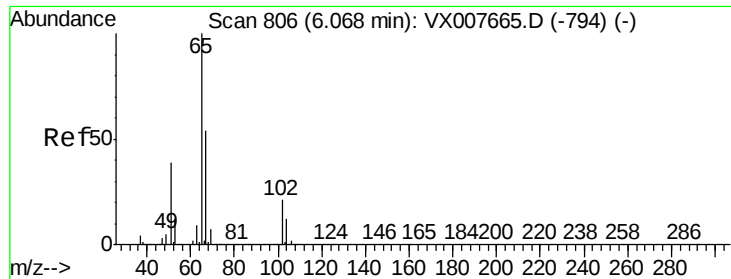
Delta R.T. -0.01 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	97	Resp:	213072
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	42.0	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 43.685 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 65 Resp: 164051

Ion Ratio Lower Upper

65 100

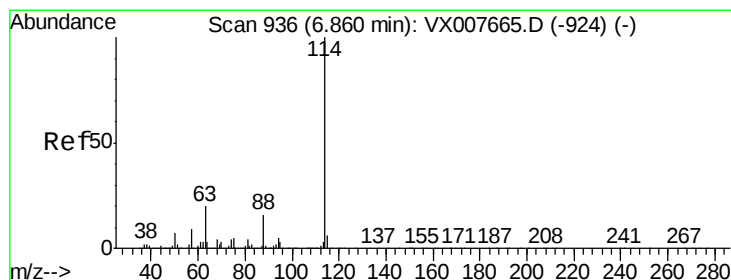
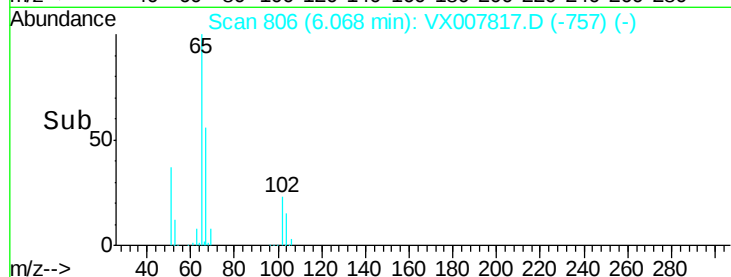
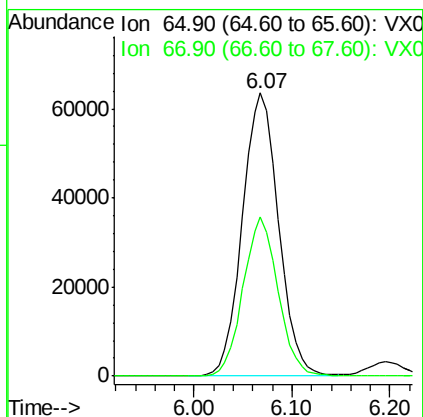
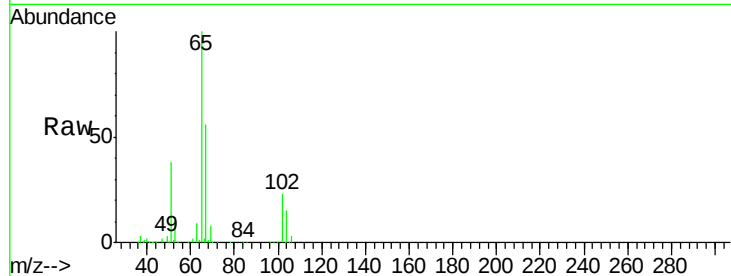
67 54.2 0.0 108.8

Manual Integrations

APPROVED

MMDadoda

3/5/2019 9:34:43 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

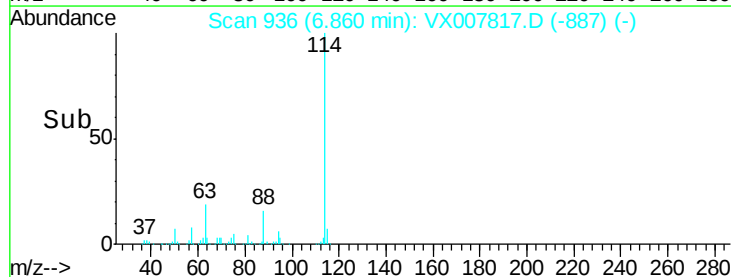
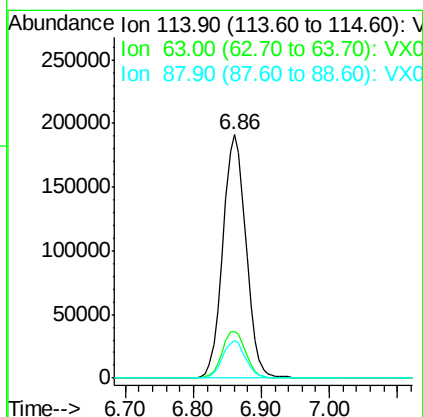
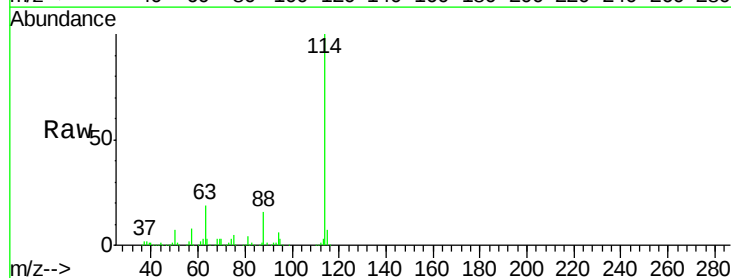
Tgt Ion: 114 Resp: 451334

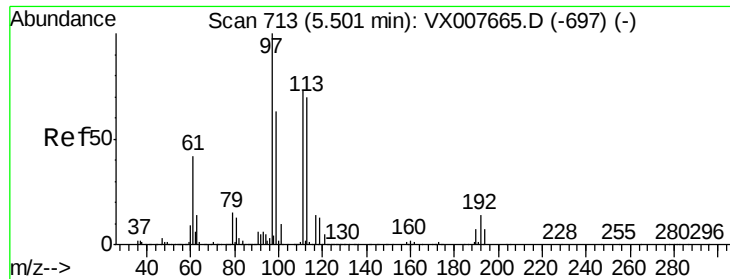
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.454 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

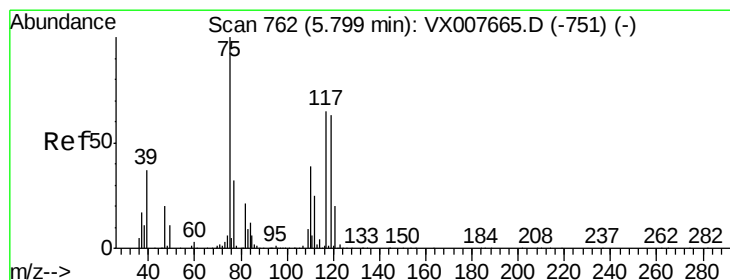
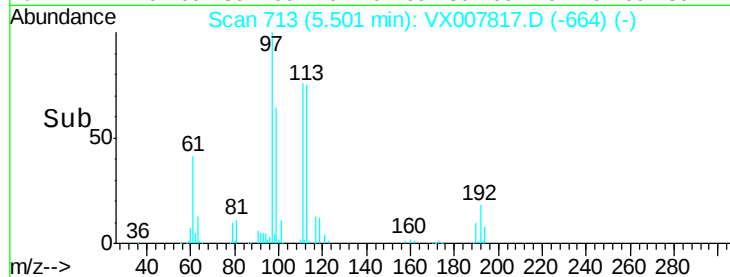
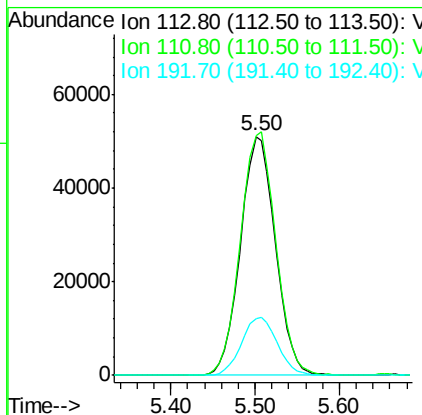
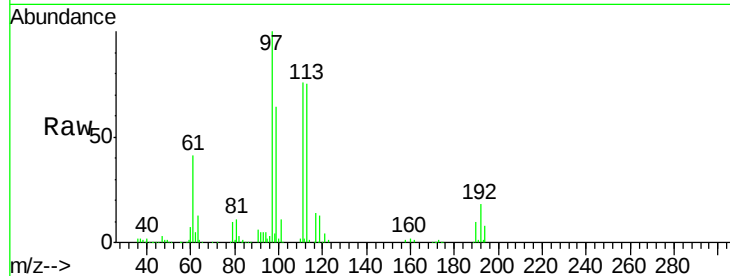
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	113	Resp:	143171
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.8
192	24.8	18.5	27.7

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#36

1,1-Dichloropropene

Concen: 45.684 ug/l

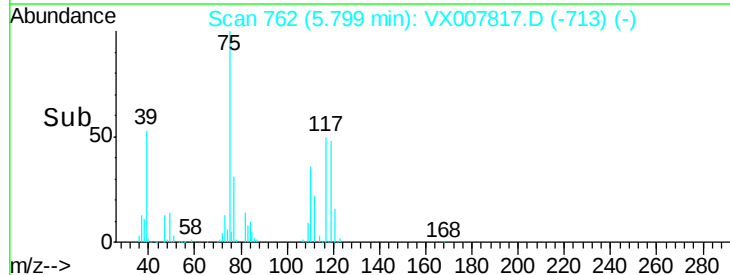
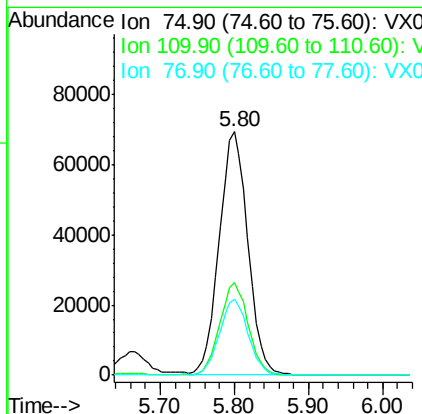
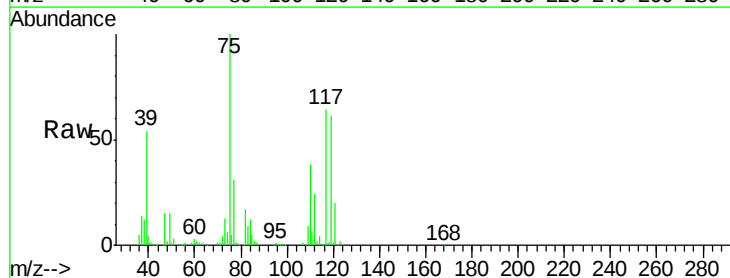
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	75	Resp:	185368
Ion Ratio	Lower	Upper	
75	100		
110	37.8	20.0	59.9
77	31.3	24.7	37.1





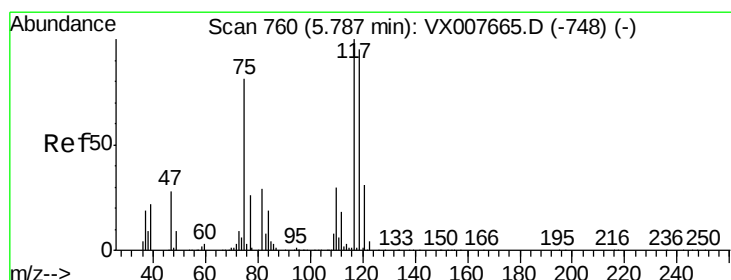
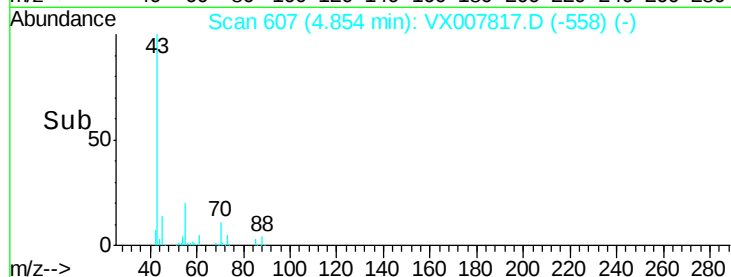
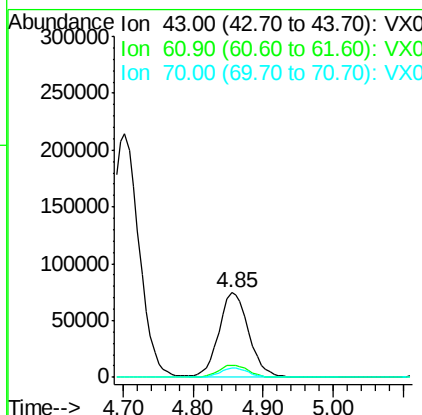
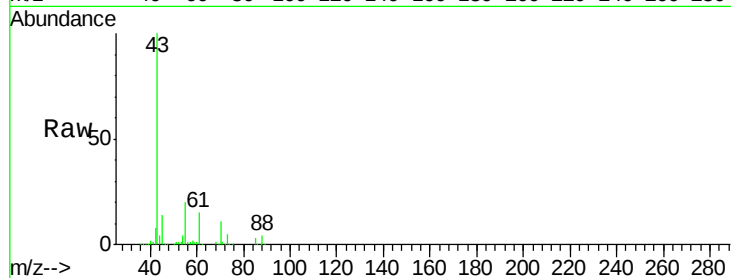
#37
Ethyl Acetate
Concen: 48.682 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.8	8.6	13.0

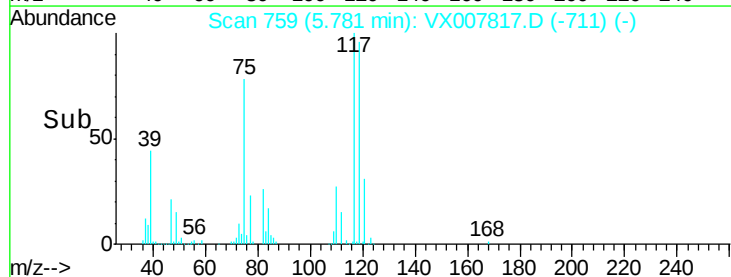
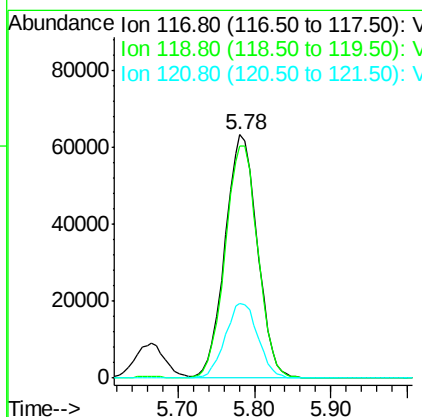
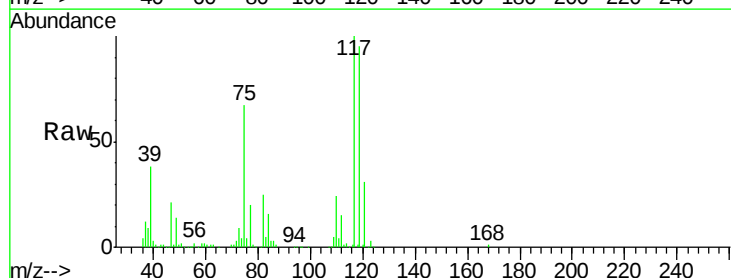
Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#38
Carbon Tetrachloride
Concen: 45.402 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.3	112.9
121	30.9	25.0	37.4





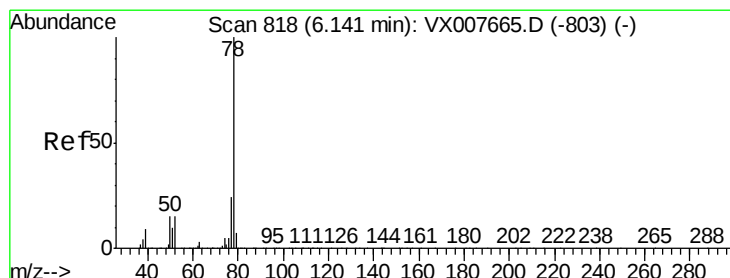
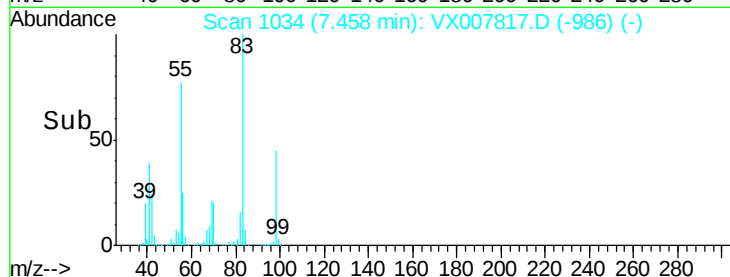
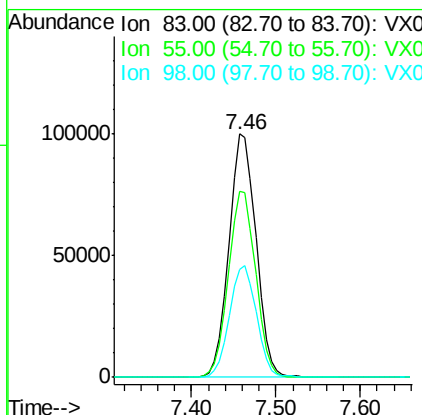
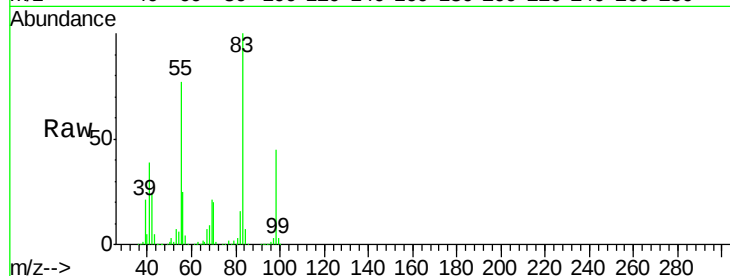
#39
Methvlcvclohexane
Concen: 42.445 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	56.2	84.2
98	44.5	36.8	55.2

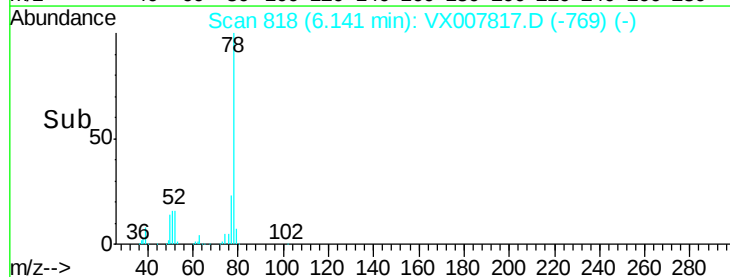
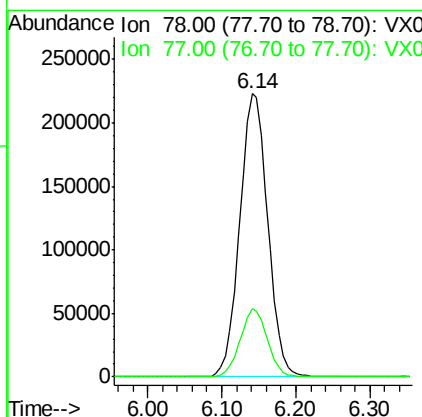
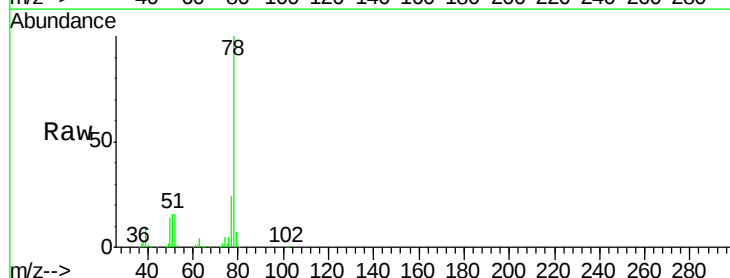
Manual Integrations
APPROVED

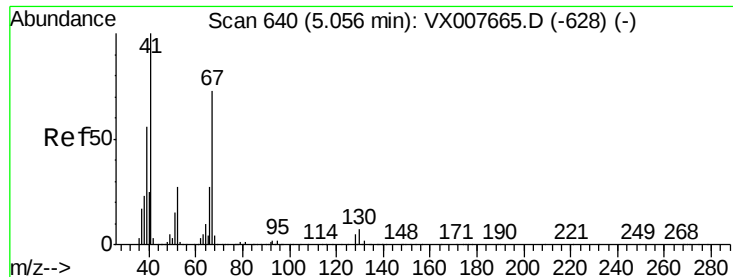
MMDadoda
3/5/2019 9:34:43 AM



#40
Benzene
Concen: 46.978 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





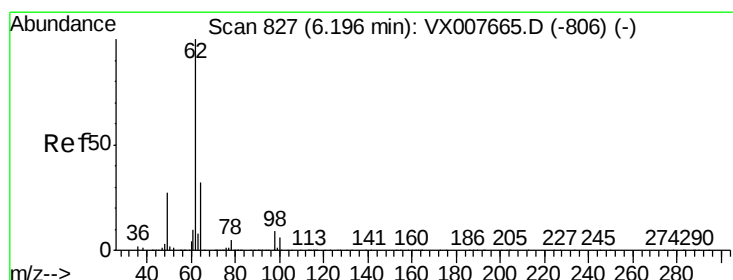
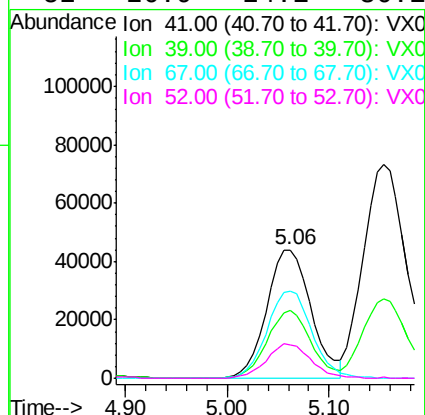
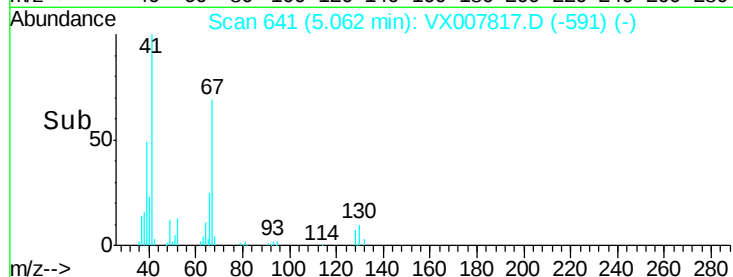
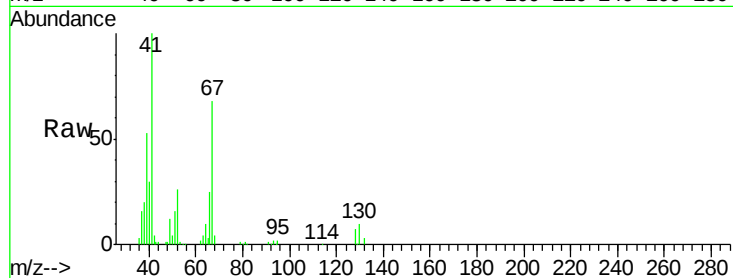
#41
Methacrylonitrile
Concen: 55.377 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		133285		
39	51.7	44.5	66.7		
67	68.6	60.4	90.6		
52	26.9	24.1	36.1		

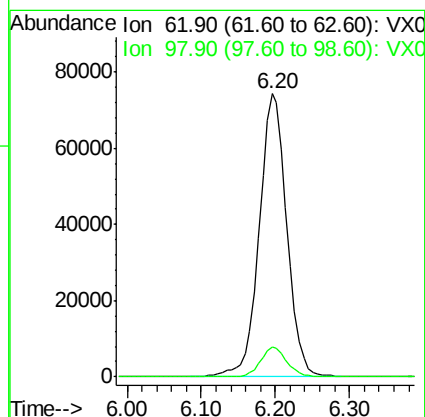
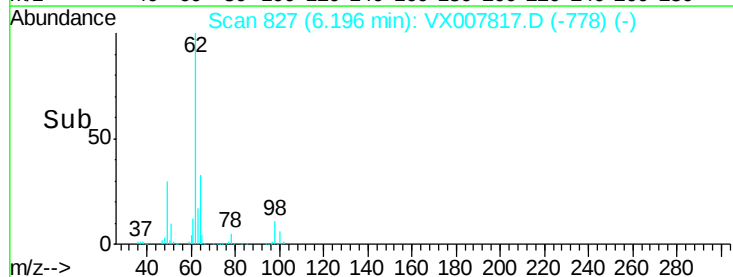
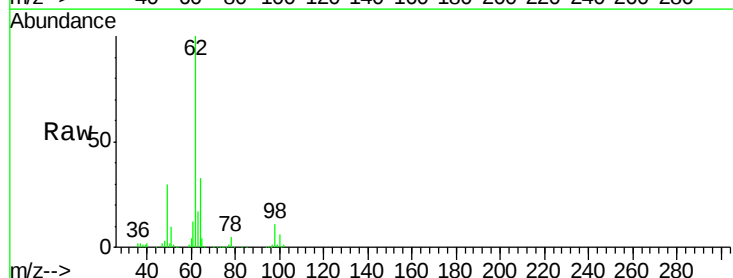
Manual Integrations
APPROVED

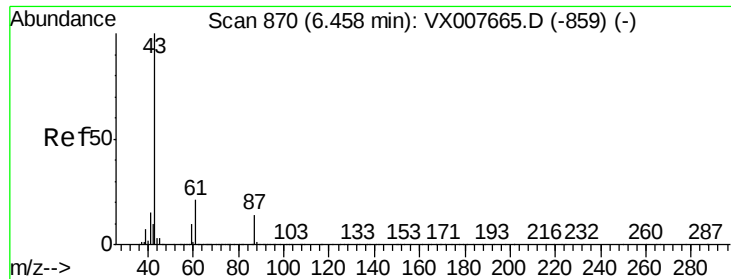
MMDadoda
3/5/2019 9:34:43 AM



#42
1,2-Dichloroethane
Concen: 45.668 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		192264		
98	10.1	0.0	19.0		





#43

Isopropyl Acetate

Concen: 50.382 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

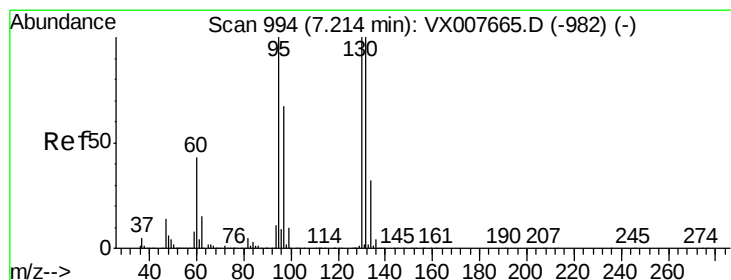
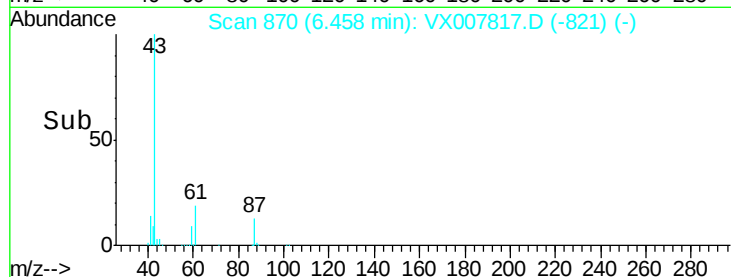
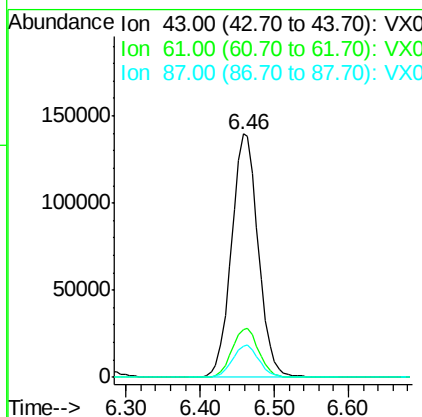
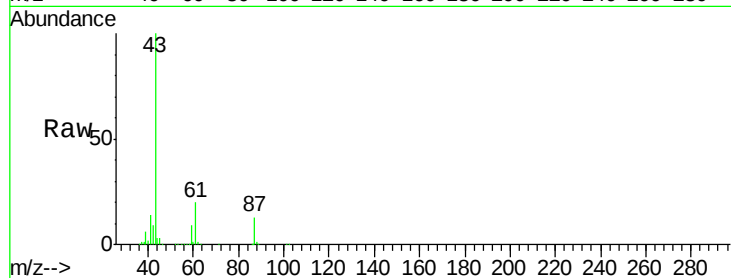
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.2	11.5	17.3

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#44

Trichloroethene

Concen: 55.402 ug/l

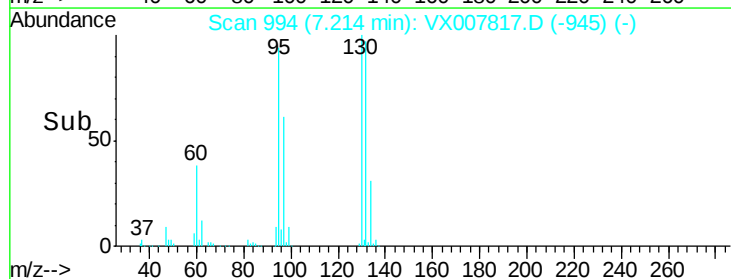
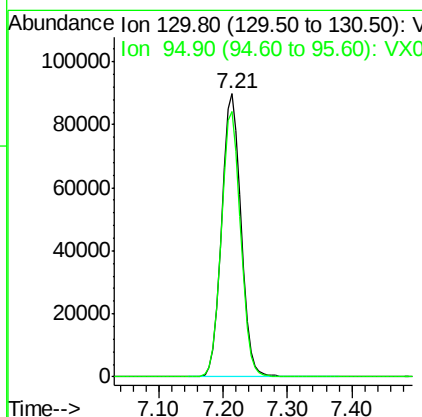
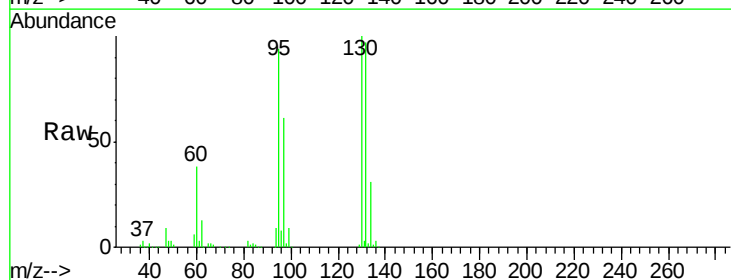
RT: 7.21 min Scan# 994

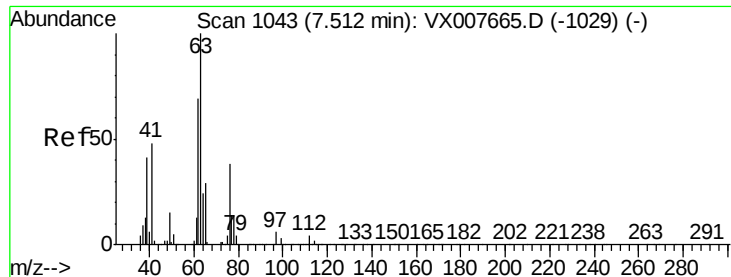
Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.535 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 63 Resp: 157481

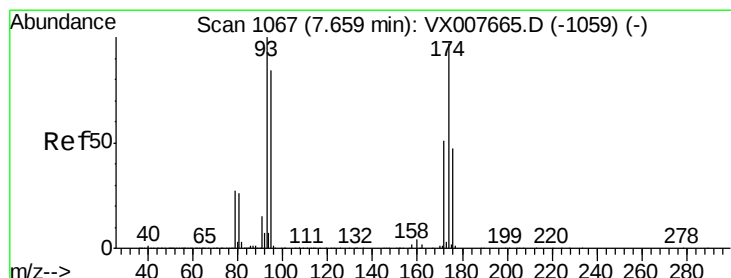
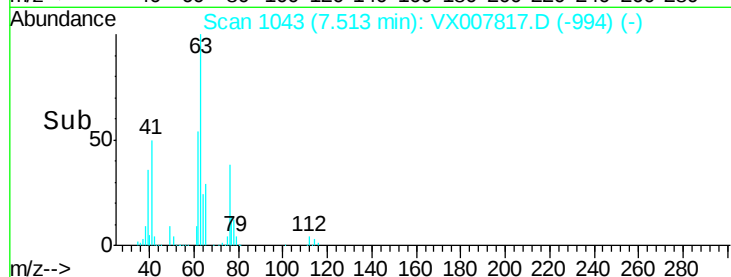
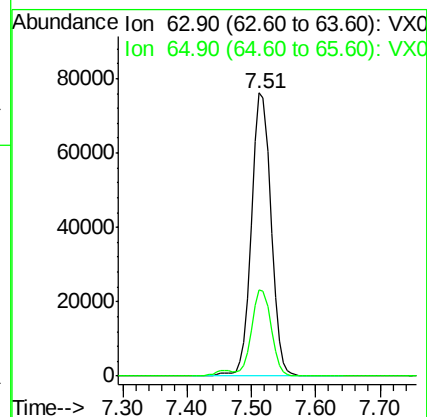
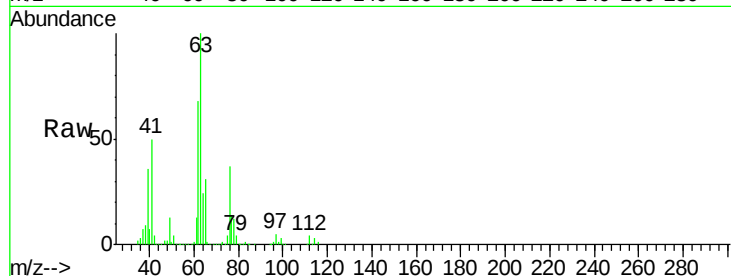
Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#46

Dibromomethane

Concen: 43.575 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

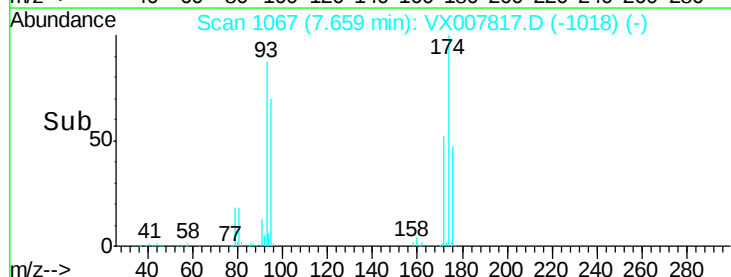
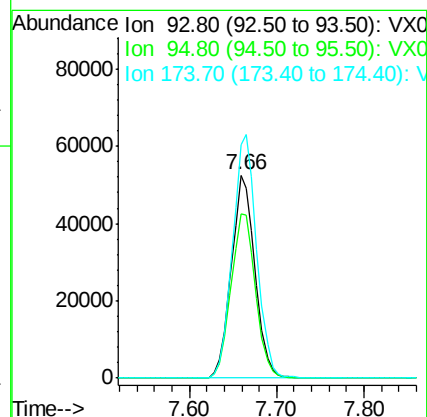
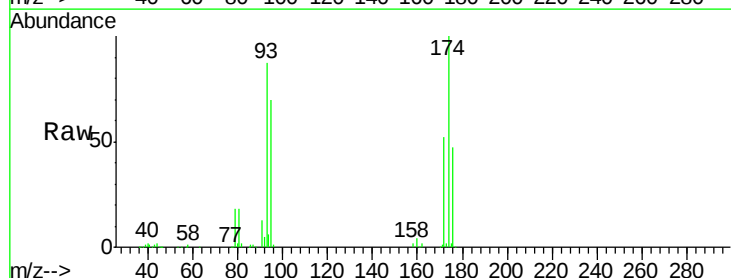
Tgt Ion: 93 Resp: 98636

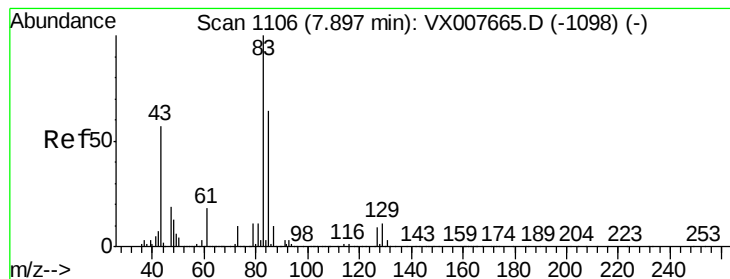
Ion Ratio Lower Upper

93 100

95 84.0 67.6 101.4

174 122.4 94.2 141.4





#47

Bromodichloromethane

Concen: 48.335 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

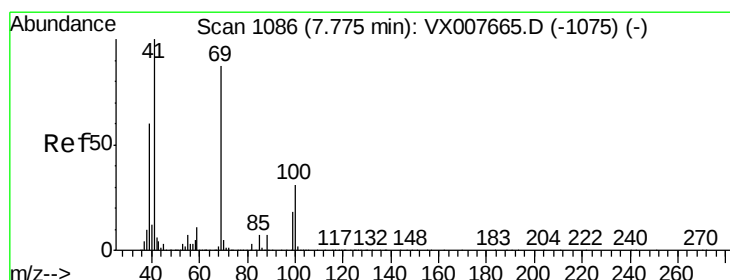
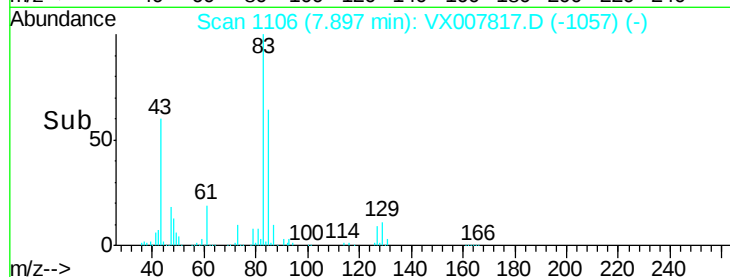
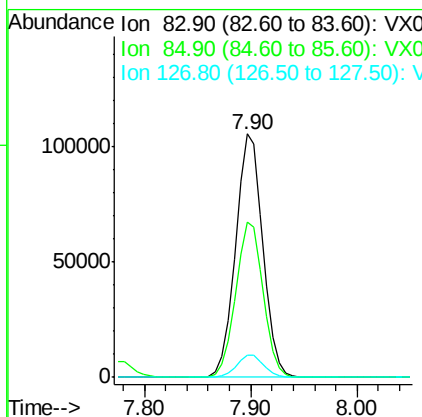
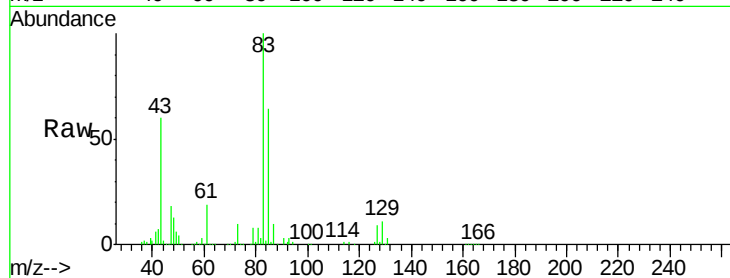
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	83	Resp:	189604
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.4	77.0
127	9.0	8.1	12.1

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#48

Methyl methacrylate

Concen: 51.006 ug/l

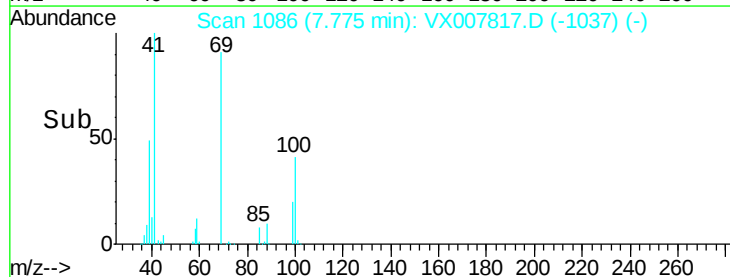
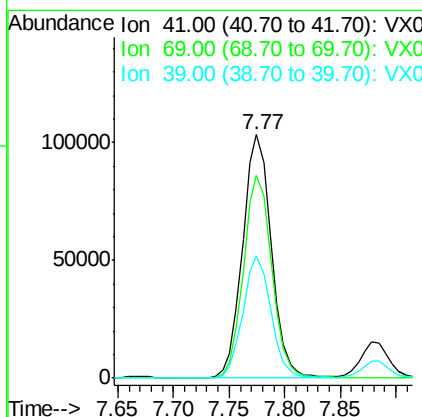
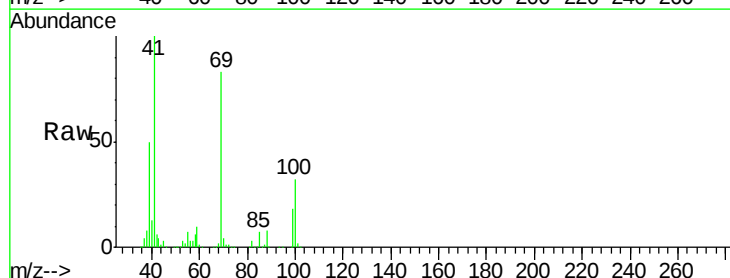
RT: 7.77 min Scan# 1086

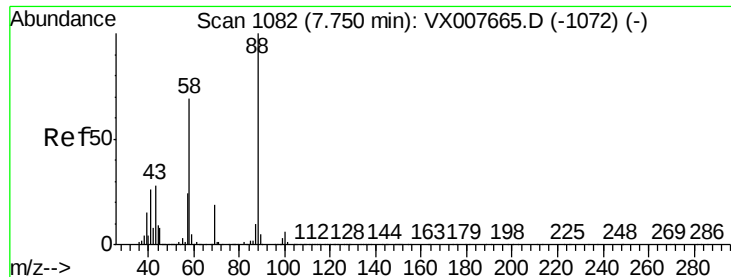
Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	41	Resp:	185473
Ion Ratio	Lower	Upper	
41	100		
69	82.9	70.2	105.4
39	49.1	47.4	71.0





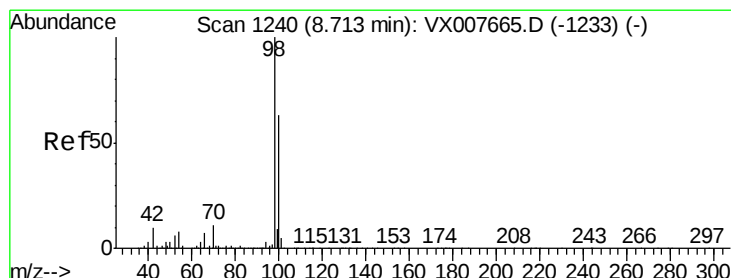
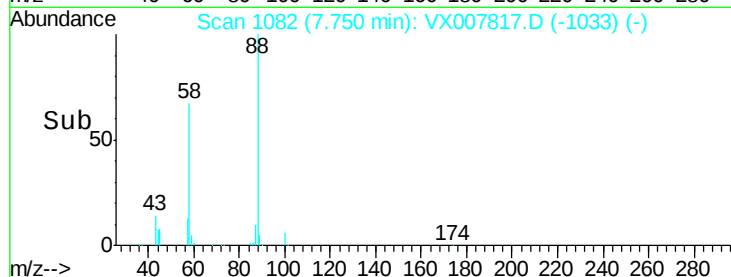
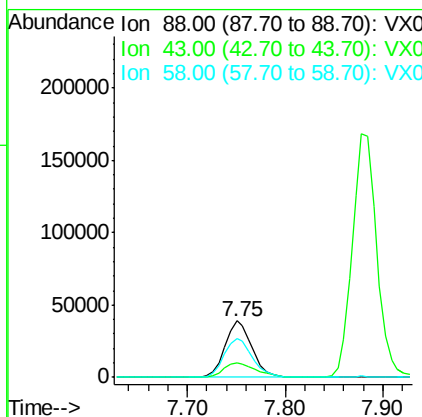
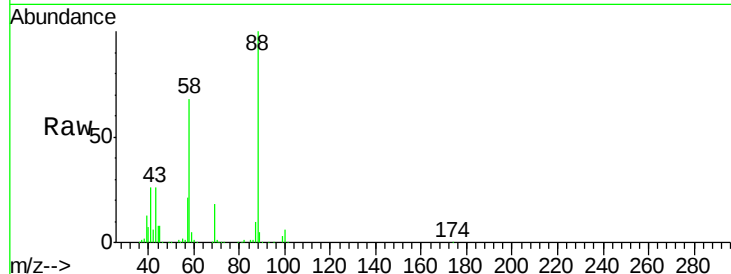
#49
1,4-Dioxane
Concen: 941.309 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.2	36.4
58	71.9	53.0	79.4

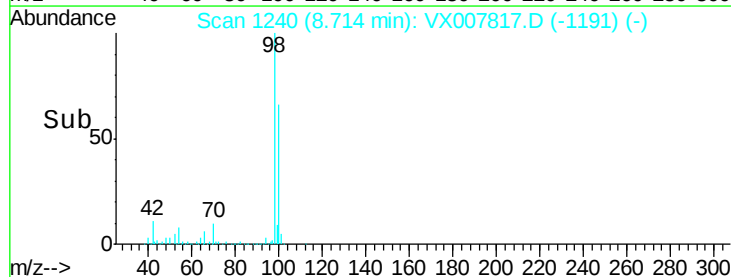
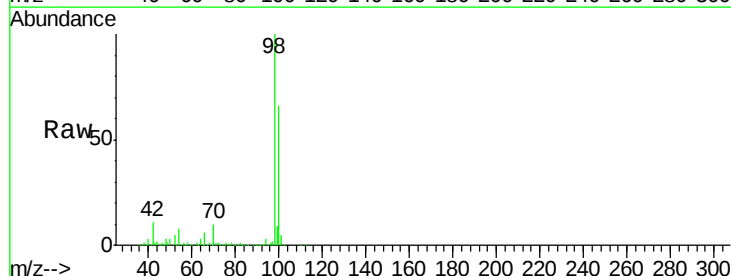
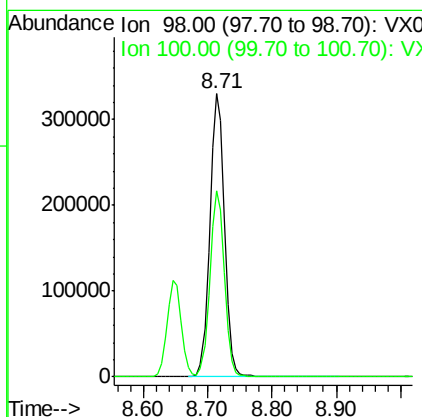
Manual Integrations
APPROVED

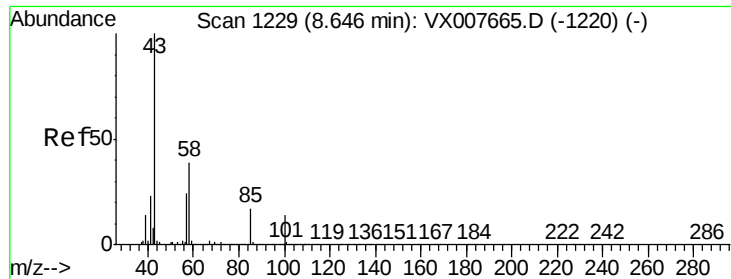
MMDadoda
3/5/2019 9:34:43 AM



#50
Toluene-d8
Concen: 45.512 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4





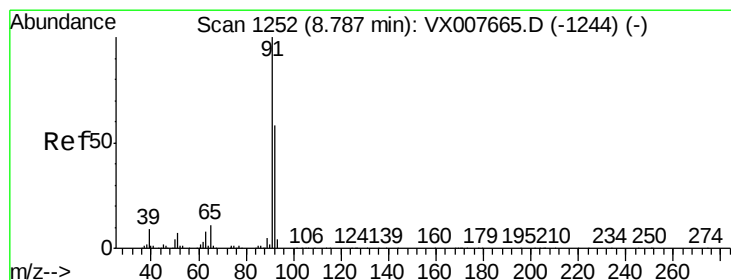
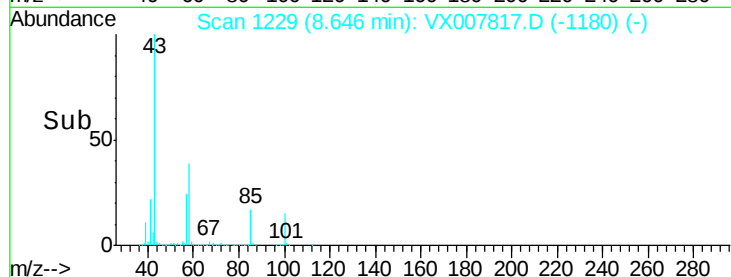
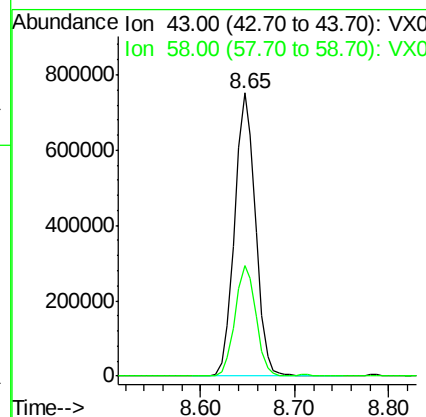
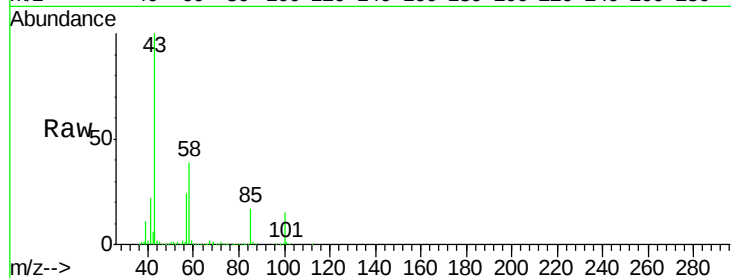
#51
4-Methyl-2-Pentanone
Concen: 249.129 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion: 43 Resp: 1156843
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8

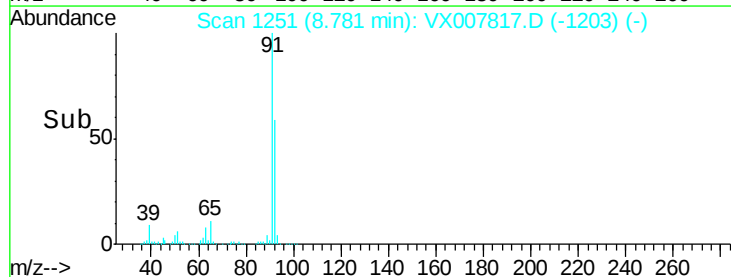
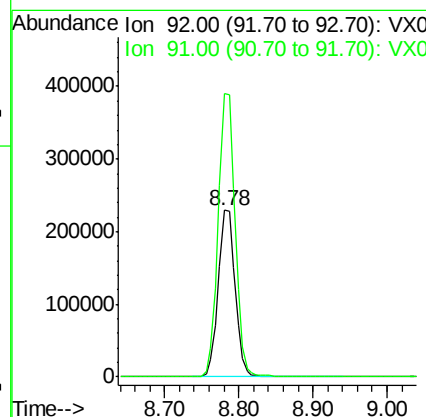
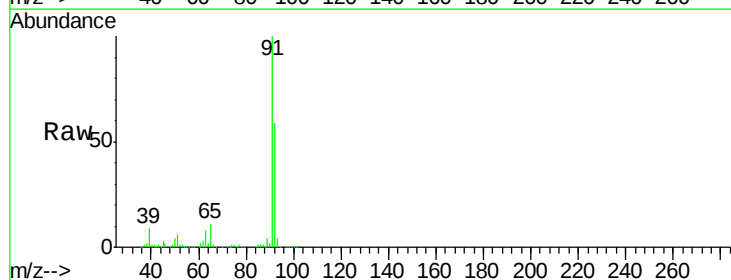
Manual Integrations
APPROVED

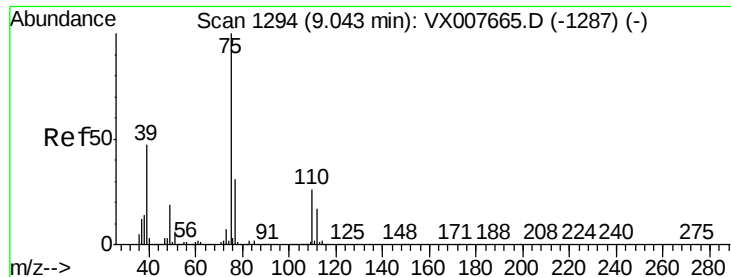
MMDadoda
3/5/2019 9:34:43 AM



#52
Toluene
Concen: 45.277 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion: 92 Resp: 357619
Ion Ratio Lower Upper
92 100
91 170.7 139.1 208.7





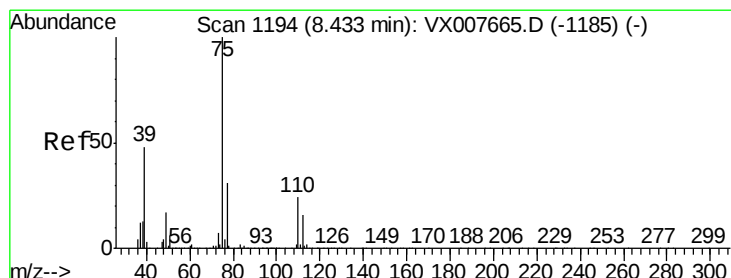
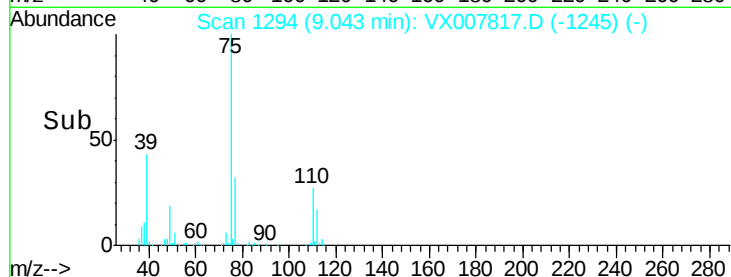
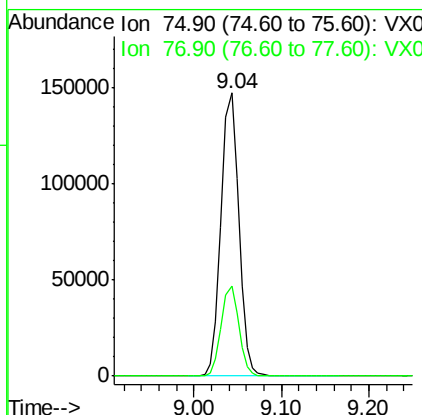
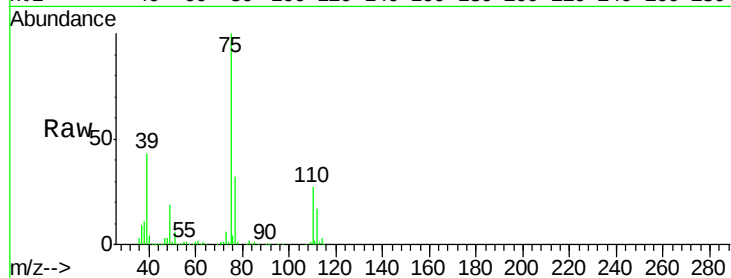
#53
t-1,3-Dichloropropene
Concen: 43.131 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8

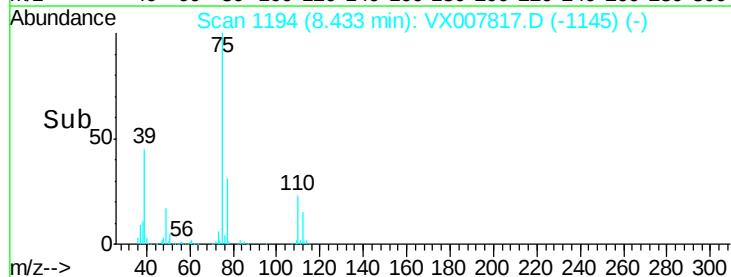
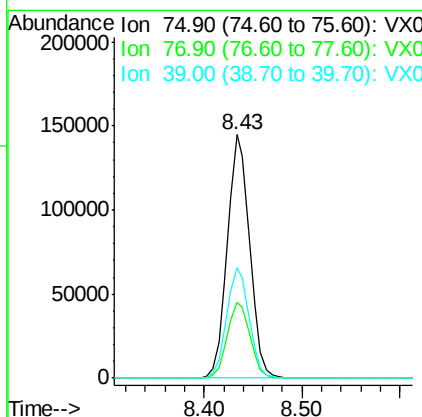
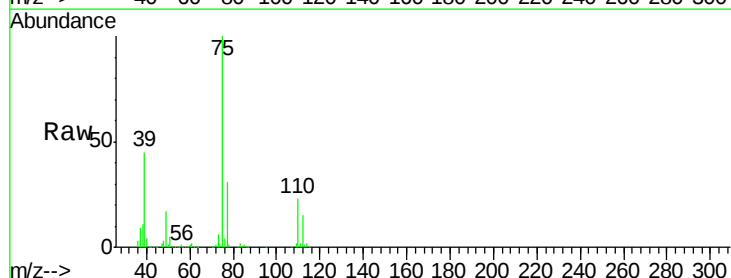
Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#54
cis-1,3-Dichloropropene
Concen: 47.995 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.4
39	45.0	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 45.348 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

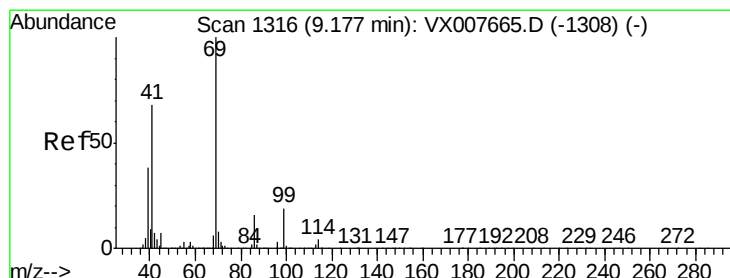
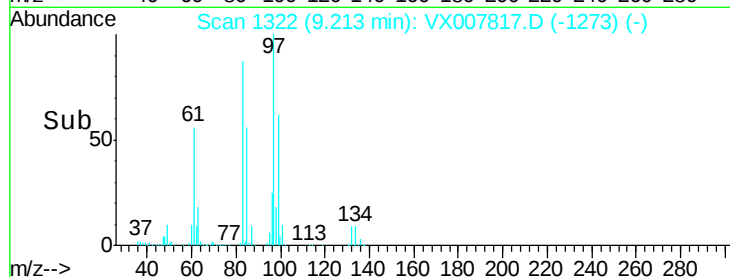
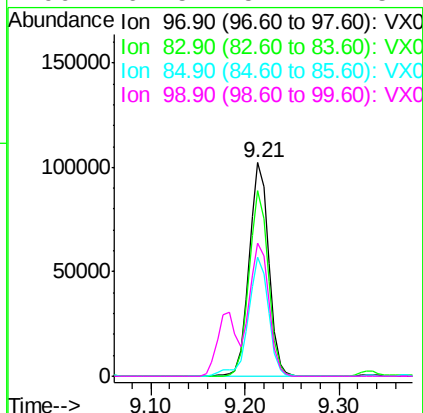
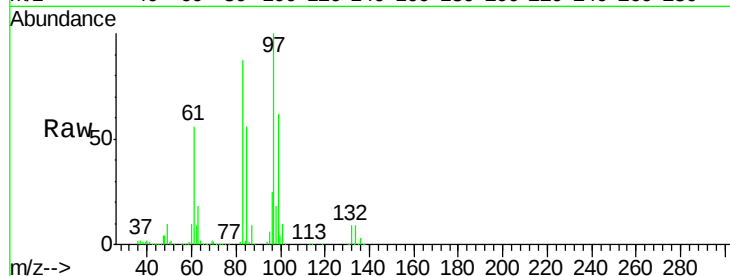
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	97	Resp:	149363
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.6	102.8
85	55.6	44.5	66.7
99	62.5	52.2	78.4

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#56

Ethyl methacrylate

Concen: 49.390 ug/l

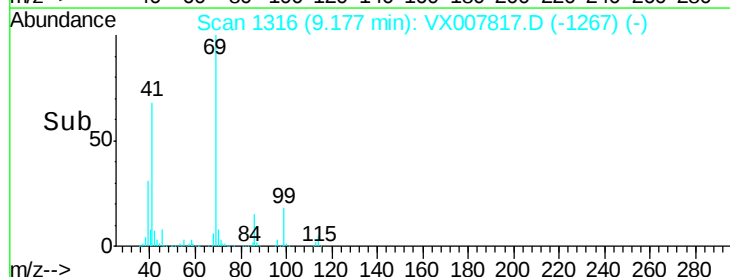
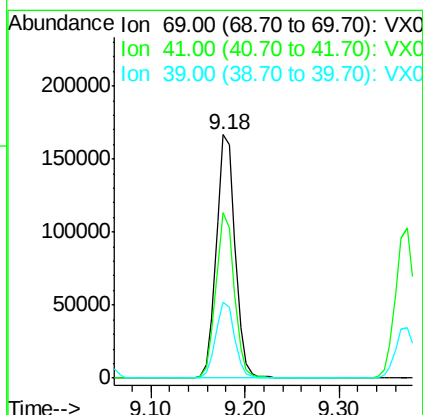
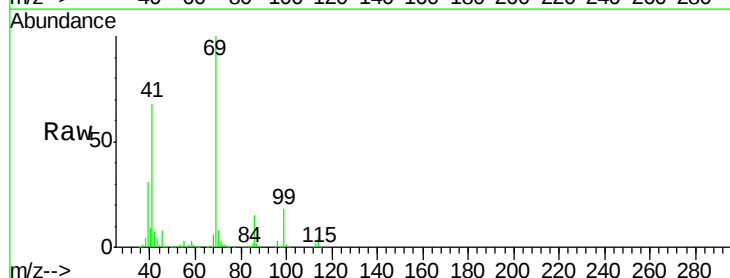
RT: 9.18 min Scan# 1316

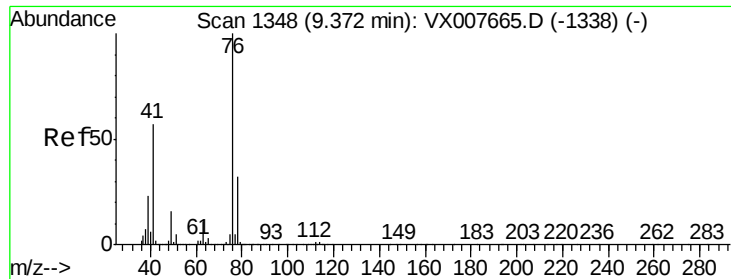
Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	69	Resp:	231337
Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.1	78.1
39	31.5	30.1	45.1





#57

1,3-Dichloropropane

Concen: 47.172 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 76 Resp: 248714

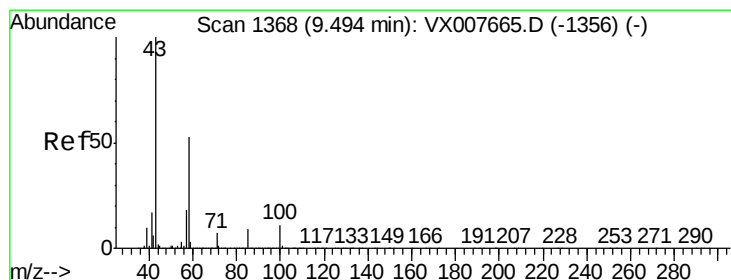
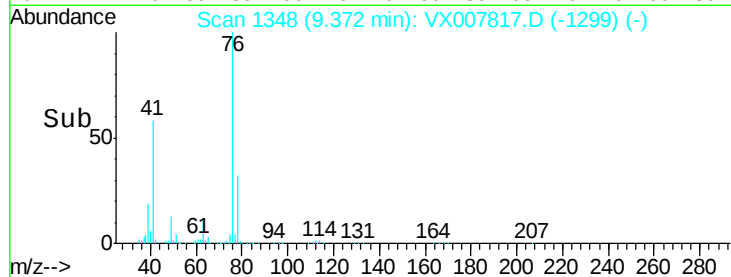
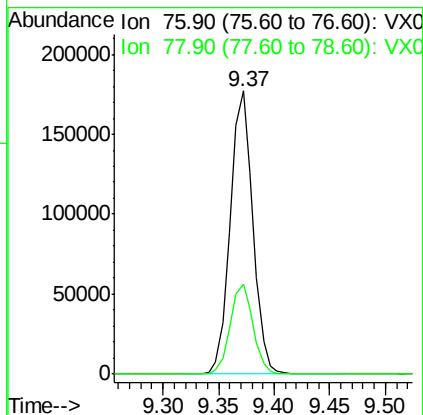
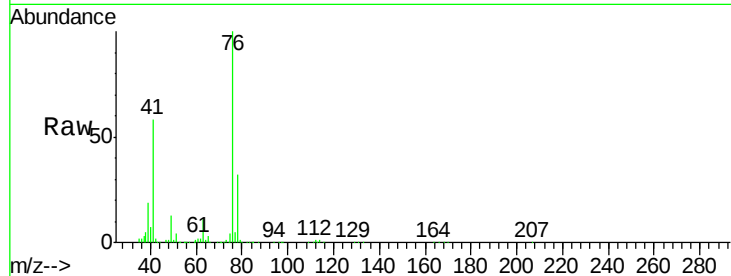
Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#59

2-Hexanone

Concen: 239.553 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007817.D

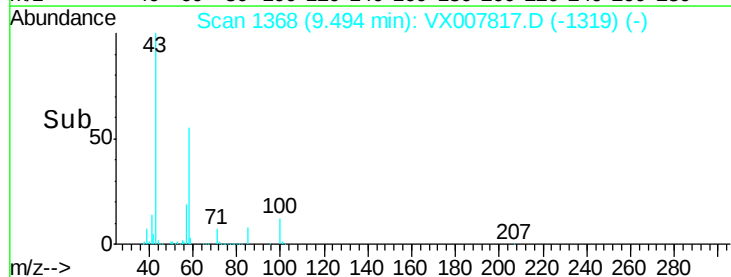
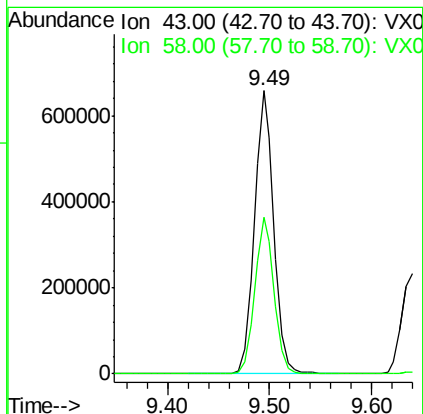
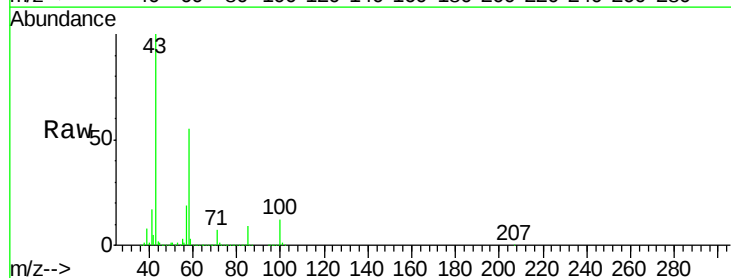
Acq: 04 Mar 2019 18:08

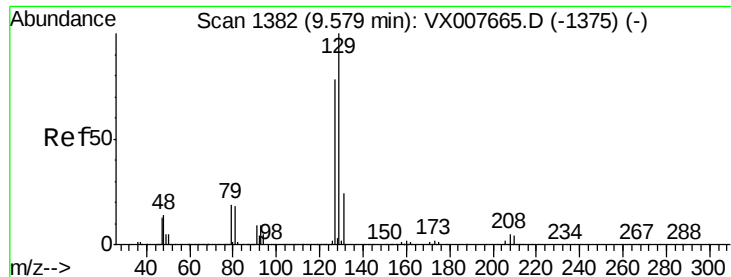
Tgt Ion: 43 Resp: 873318

Ion Ratio Lower Upper

43 100

58 55.3 27.1 81.3





#60

Dibromochloromethane

Concen: 50.098 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:129 Resp: 158777

Ion Ratio Lower Upper

129 100

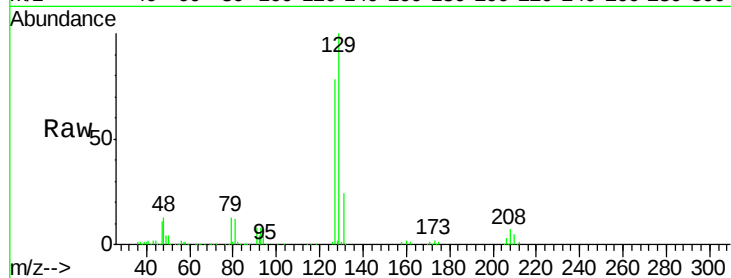
127 76.9 37.8 113.4

Manual Integrations

APPROVED

MMDadoda

3/5/2019 9:34:43 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

120000

100000

80000

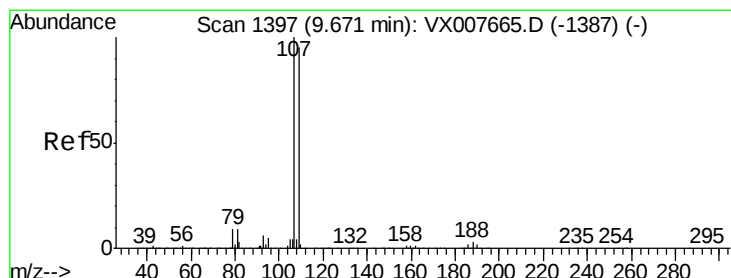
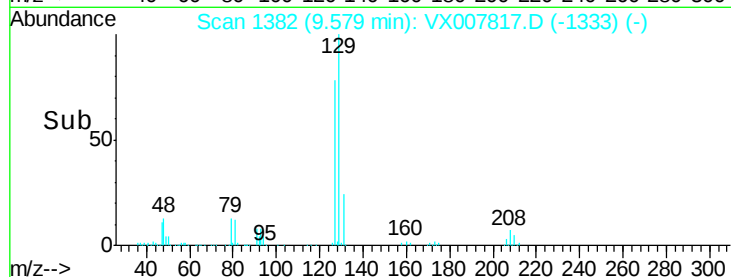
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 46.273 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007817.D

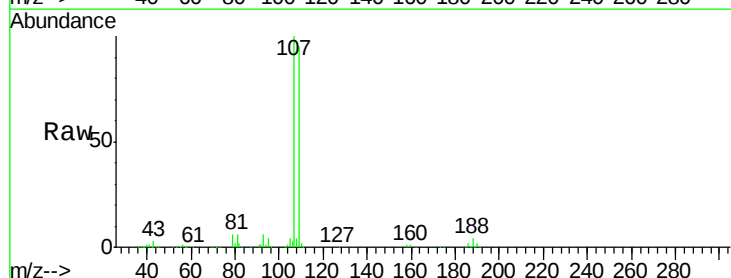
Acq: 04 Mar 2019 18:08

Tgt Ion:107 Resp: 158242

Ion Ratio Lower Upper

107 100

109 94.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

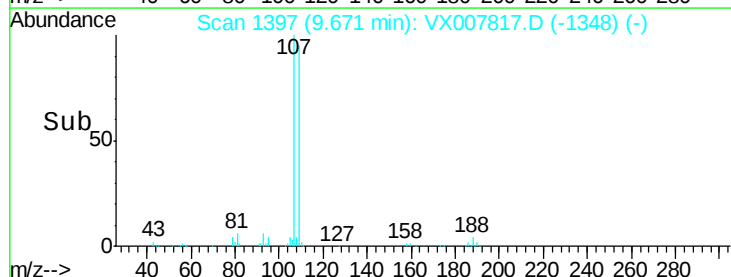
60000

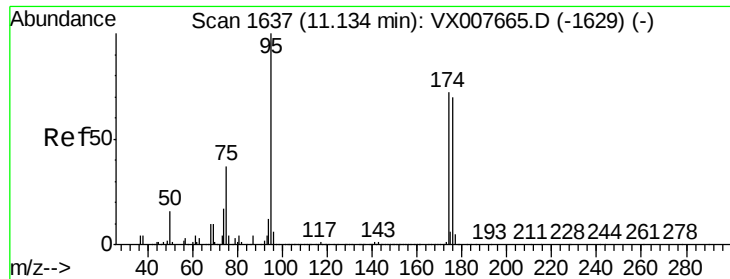
40000

20000

0

Time--> 9.60 9.65 9.70 9.75





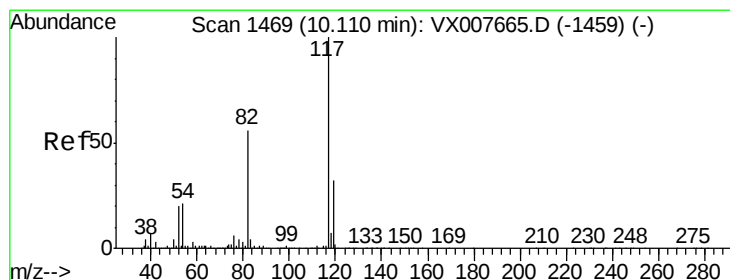
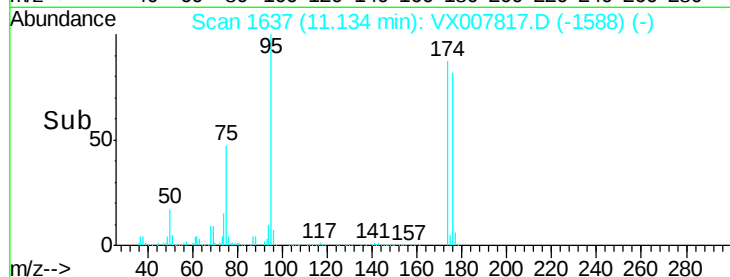
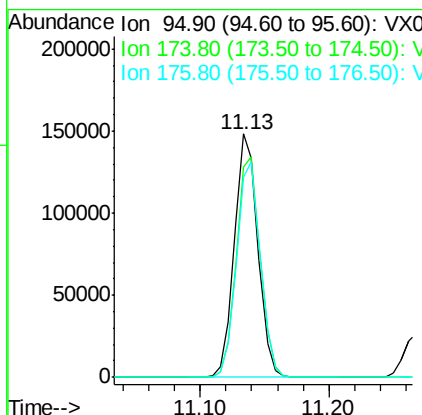
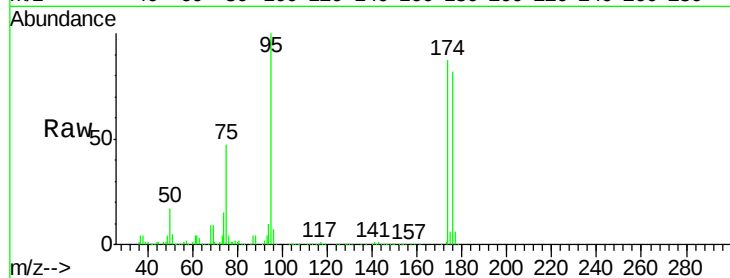
#62
4-Bromofluorobenzene
Concen: 44.437 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	188387		
174	92.3	0.0	189.2	
176	89.5	0.0	186.2	

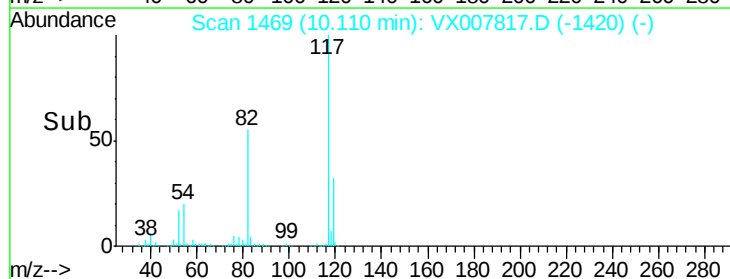
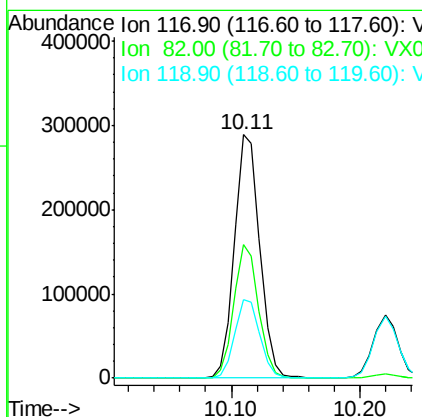
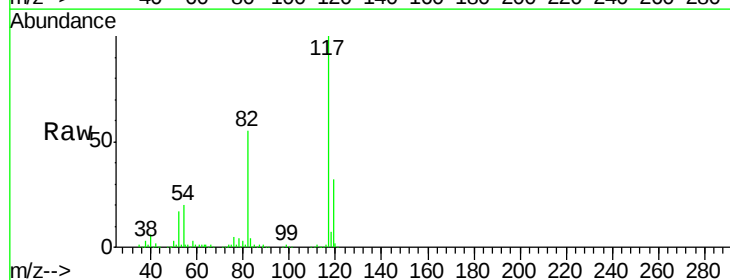
Manual Integrations
APPROVED

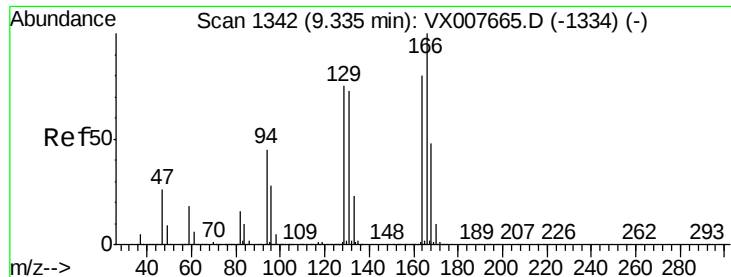
MMDadoda
3/5/2019 9:34:43 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	396250		
82	54.9	42.1	63.1	
119	32.0	26.5	39.7	





#64

Tetrachloroethene

Concen: 48.520 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

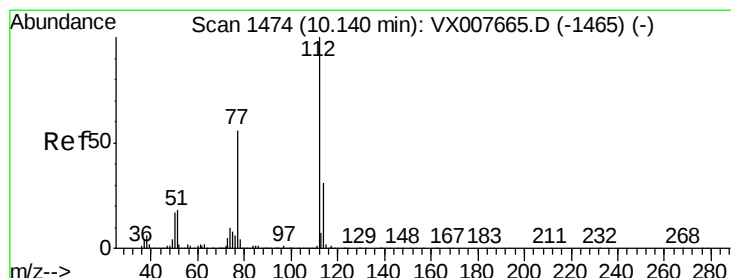
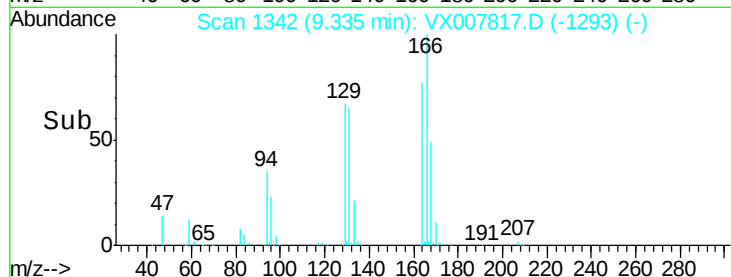
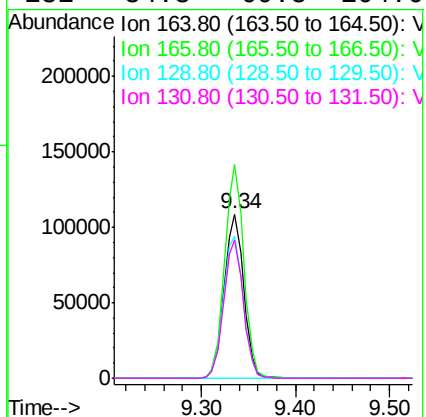
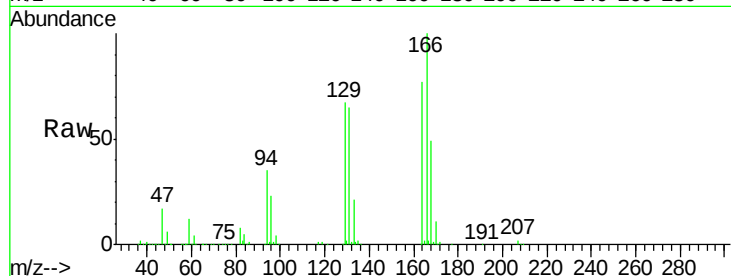
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	164	Resp:	156080
Ion Ratio	Lower	Upper	
164	100		
166	129.9	101.0	151.4
129	86.7	70.5	105.7
131	84.3	69.8	104.6

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#65

Chlorobenzene

Concen: 45.939 ug/l

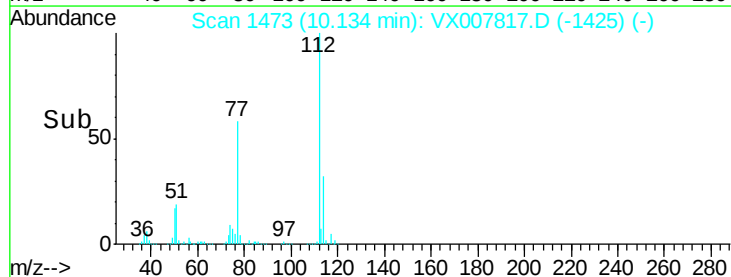
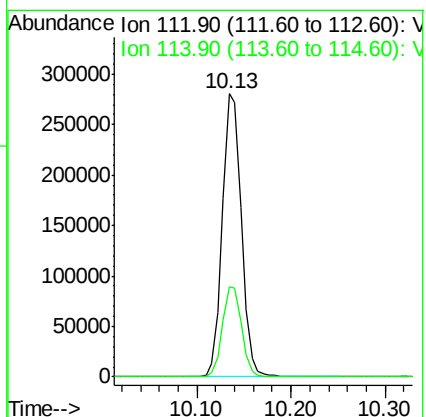
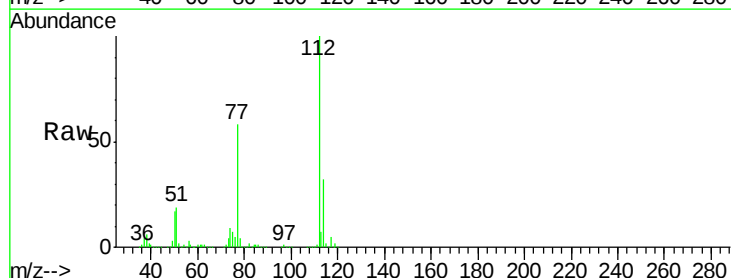
RT: 10.13 min Scan# 1473

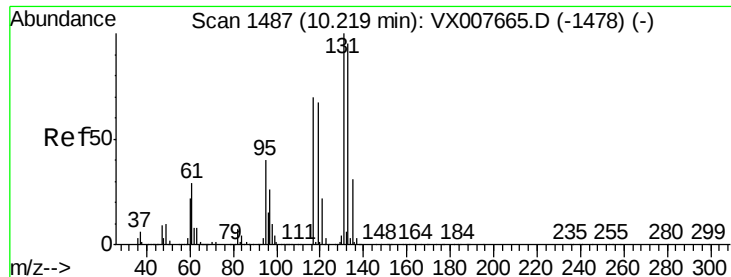
Delta R.T. -0.01 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	112	Resp:	393701
Ion Ratio	Lower	Upper	
112	100		
114	31.8	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 49.114 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

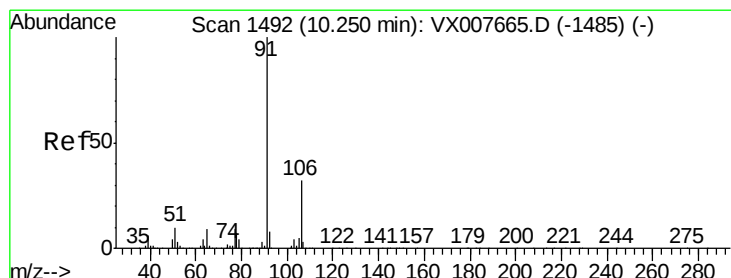
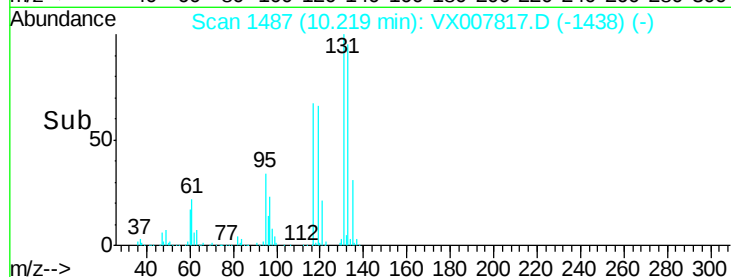
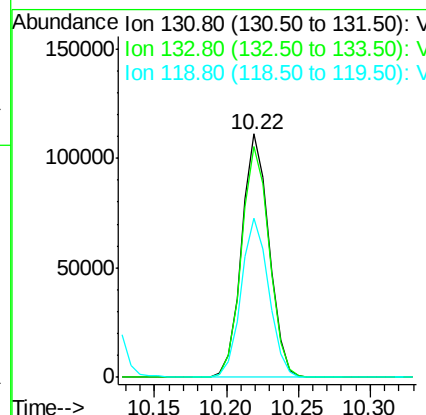
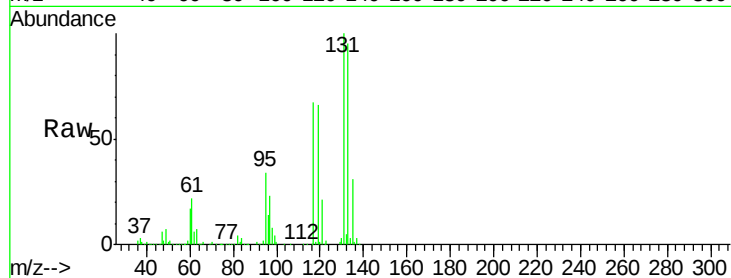
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion:	131	Resp:	146822
Ion Ratio	Lower	Upper	
131	100		
133	96.4	48.0	144.2
119	65.9	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#67

Ethyl Benzene

Concen: 46.654 ug/l

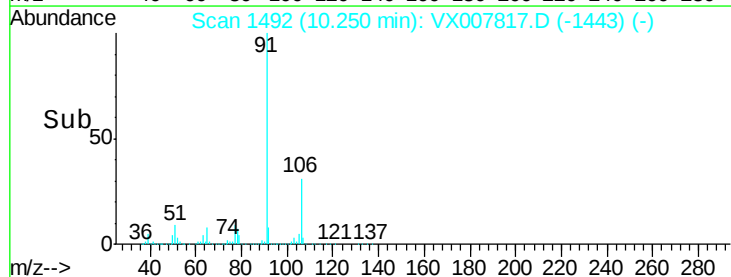
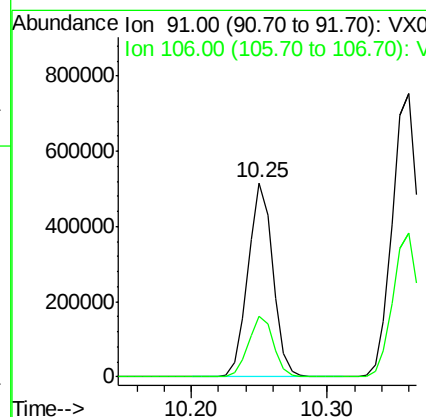
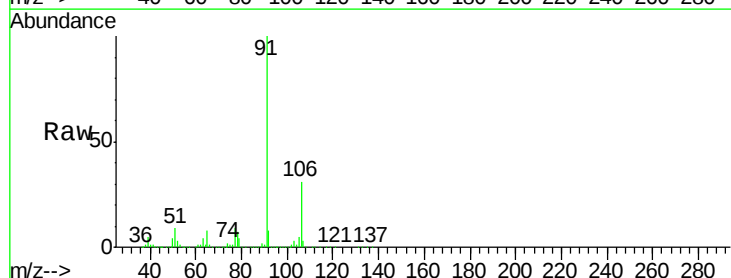
RT: 10.25 min Scan# 1492

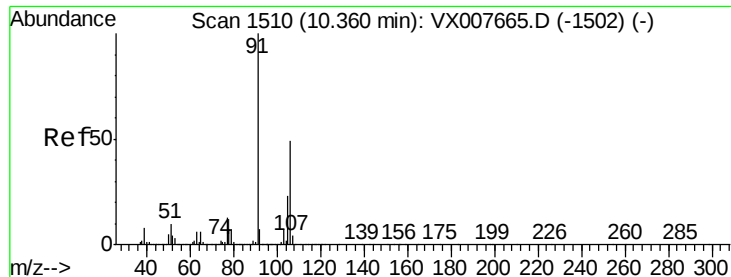
Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion:	91	Resp:	662343
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.4	38.0





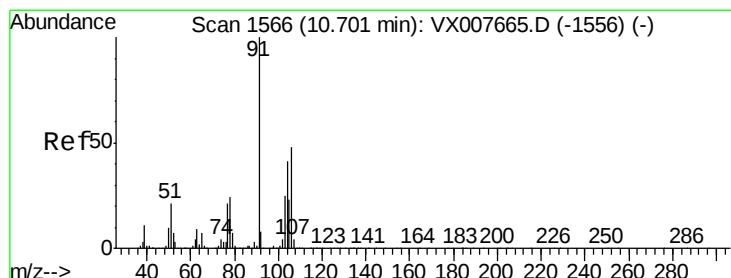
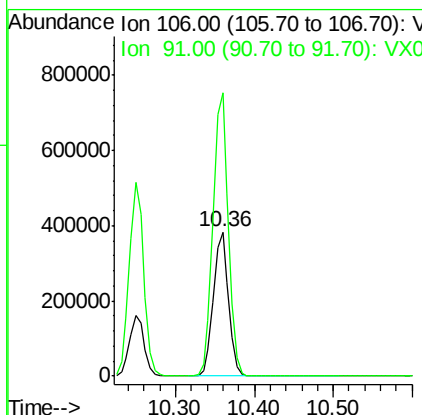
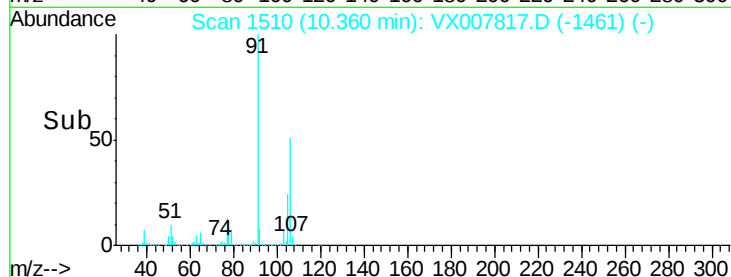
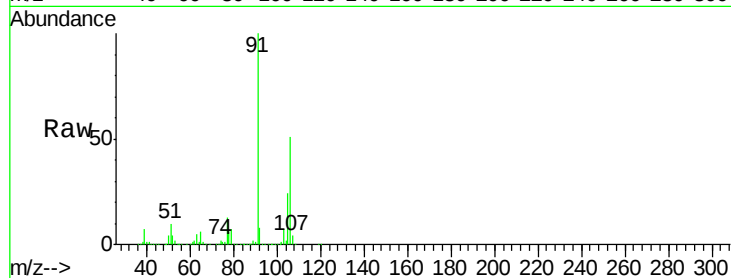
#68
m/p-Xylenes
Concen: 92.212 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	199.5	156.6	234.8	

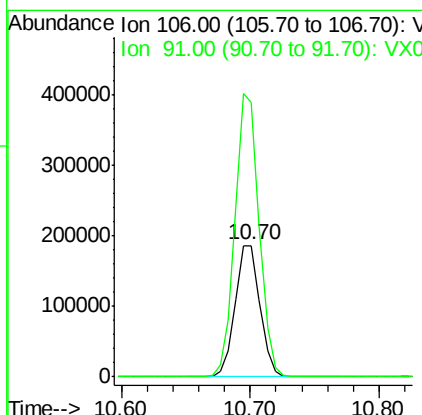
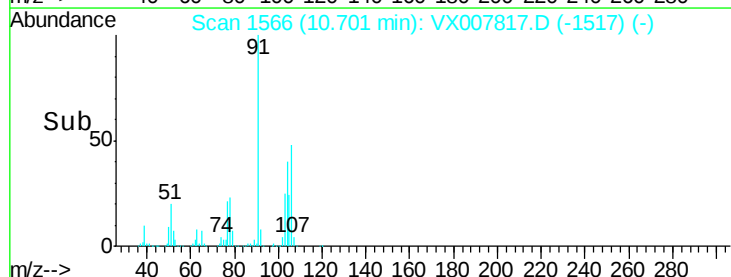
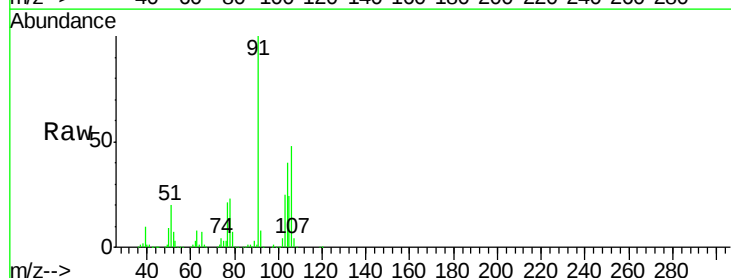
Manual Integrations
APPROVED

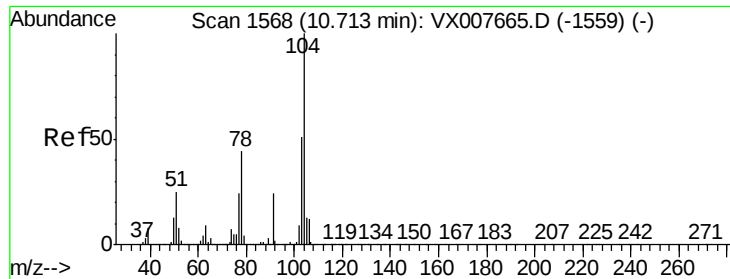
MMDadoda
3/5/2019 9:34:43 AM



#69
o-Xylene
Concen: 47.011 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
106	100			
91	210.8	102.9	308.7	





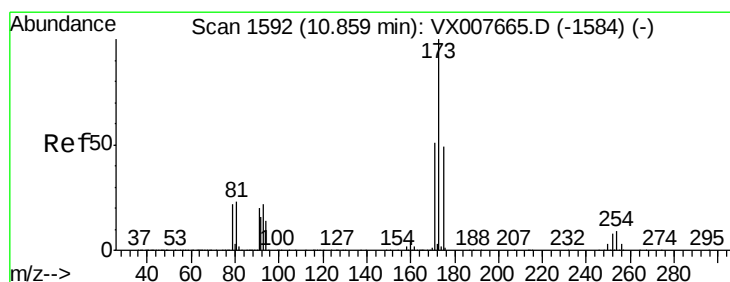
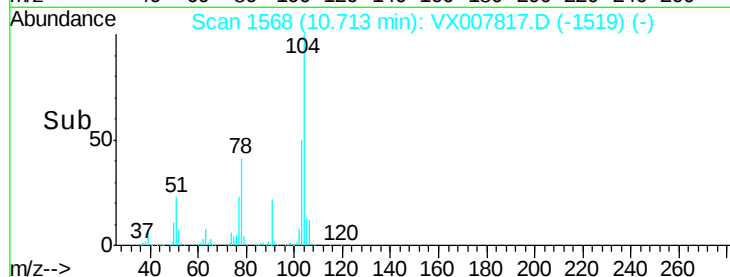
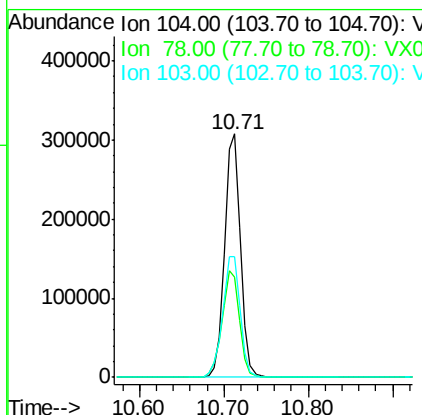
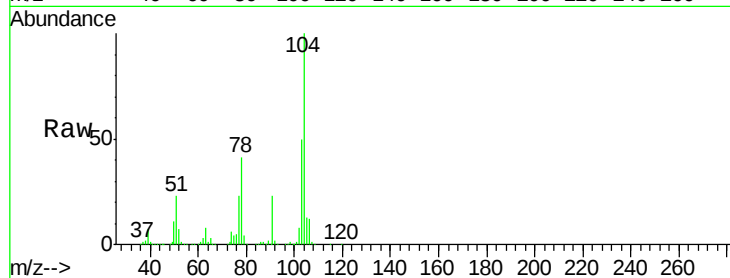
#70
Stvrene
Concen: 46.053 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.3	57.5
103	55.2	44.6	67.0

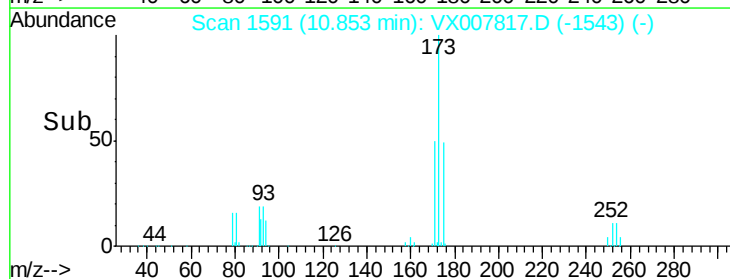
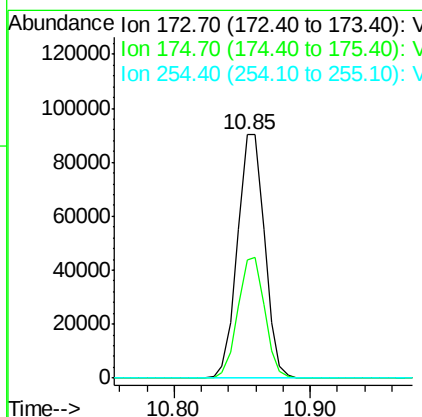
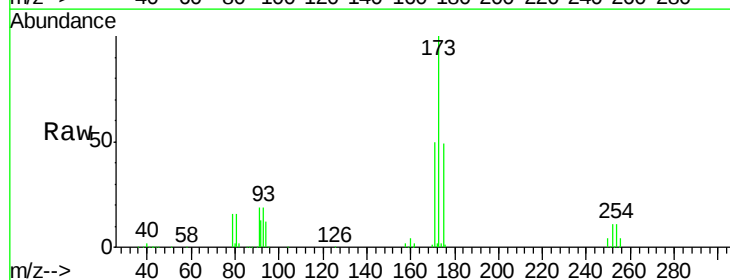
Manual Integrations
APPROVED

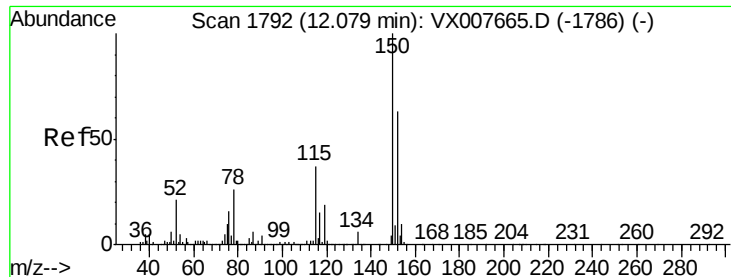
MMDadoda
3/5/2019 9:34:43 AM



#71
Bromoform
Concen: 56.077 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

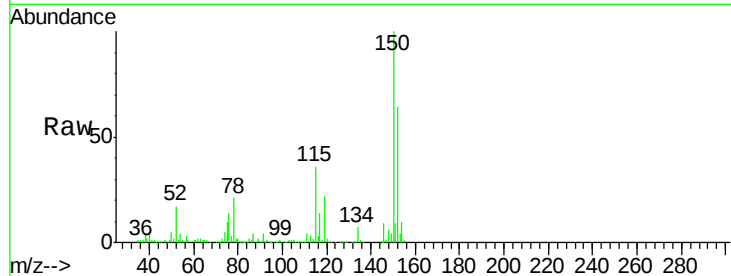
ClientSampleId :

BP-VPB201-GW-485-487MS

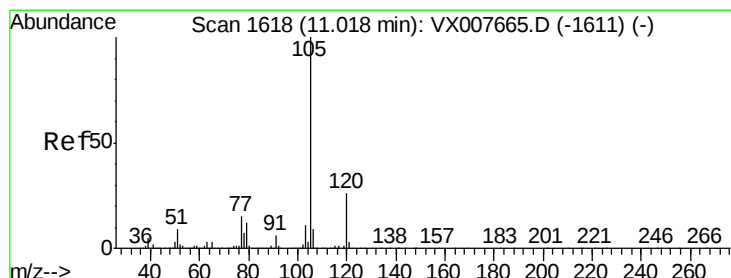
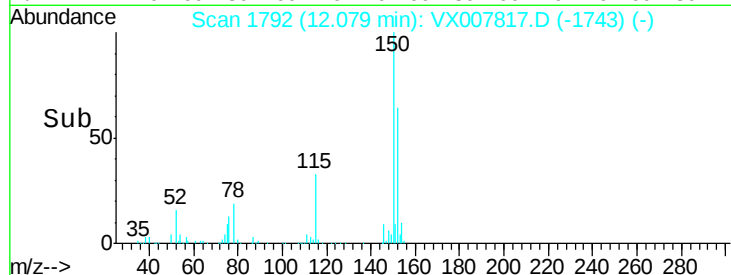
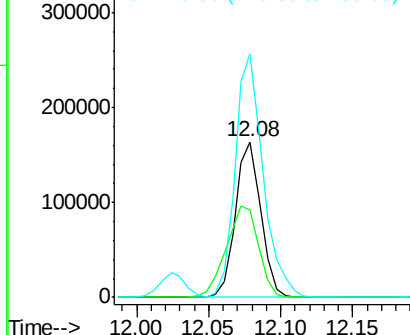
Tot Ion:	152	Resp:	200690
Ion Ratio	Lower	Upper	
152	100		
115	75.4	38.0	114.0
150	172.9	0.0	346.4

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



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: 46.421 ug/l

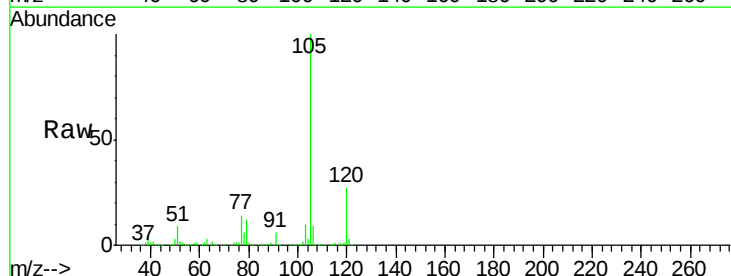
RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

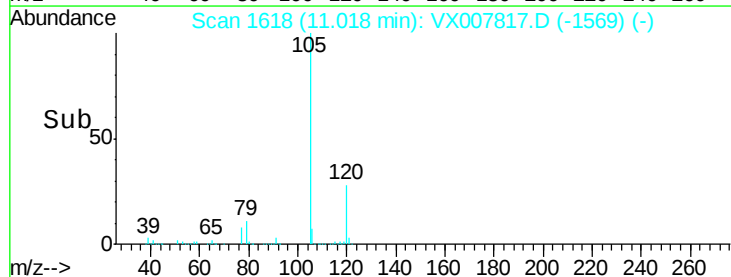
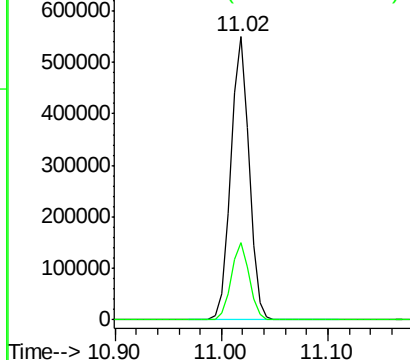
Lab File: VX007817.D

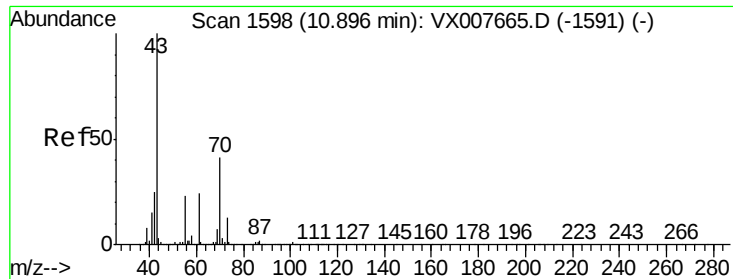
Acq: 04 Mar 2019 18:08

Tgt Ion:	105	Resp:	665841
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.6	40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.018 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

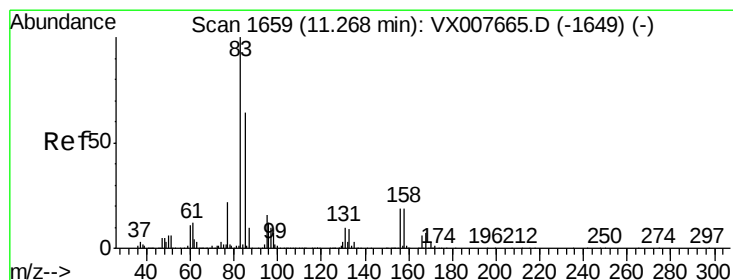
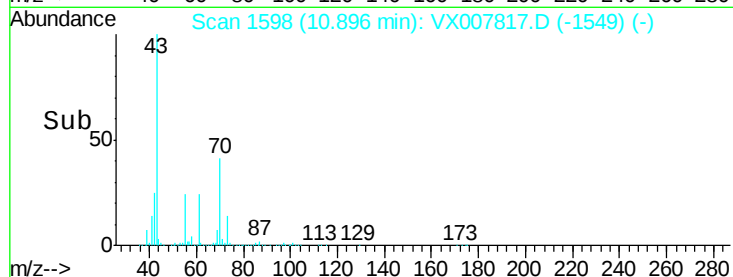
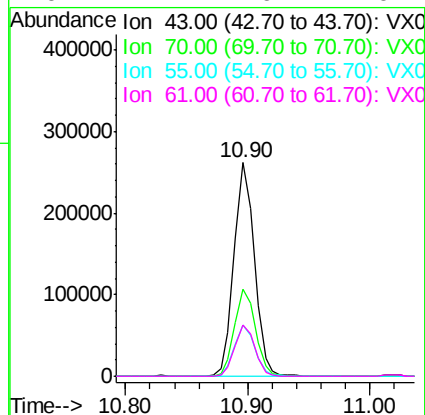
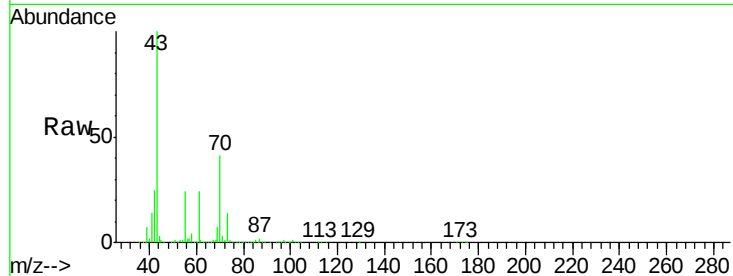
ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		299094		
70	42.3	33.8	50.6		
55	24.9	19.5	29.3		
61	24.2	19.4	29.2		

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 44.992 ug/l

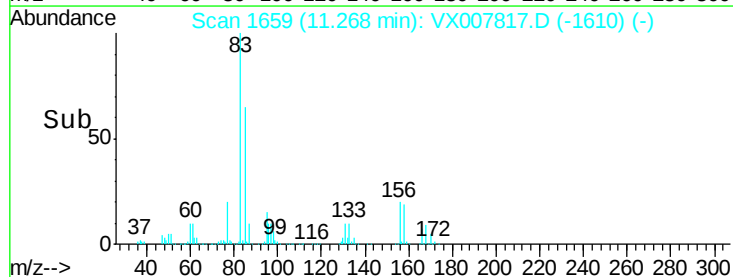
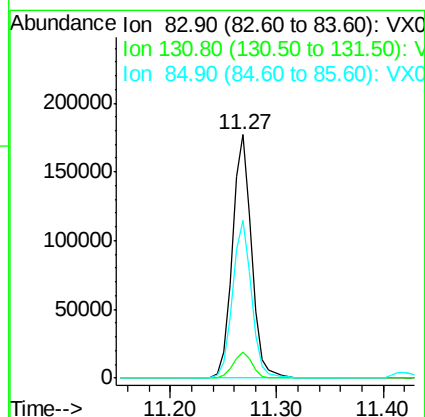
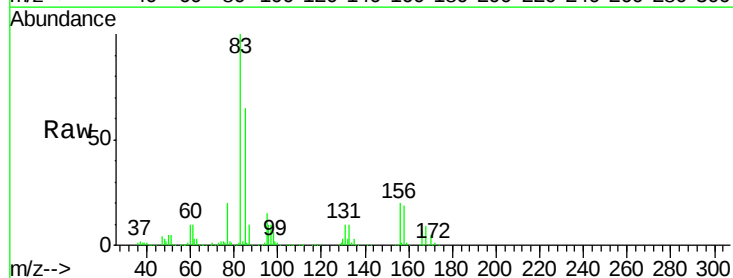
RT: 11.27 min Scan# 1659

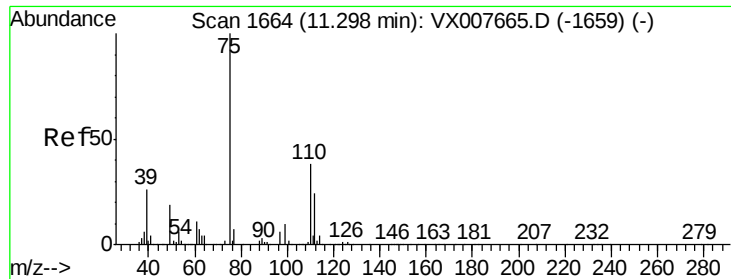
Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		223203		
131	10.5	5.7	17.0		
85	64.4	32.8	98.3		





#76

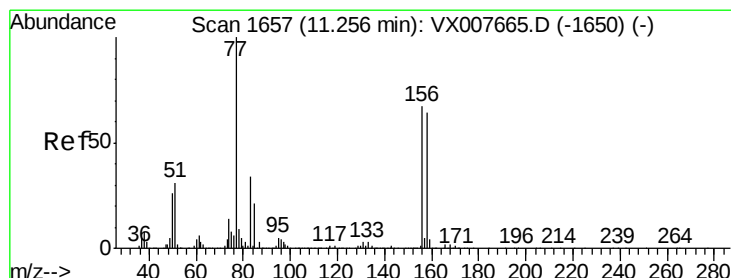
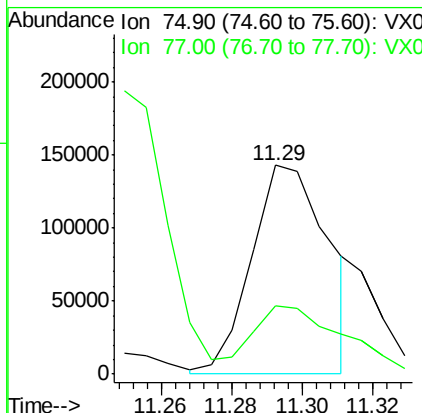
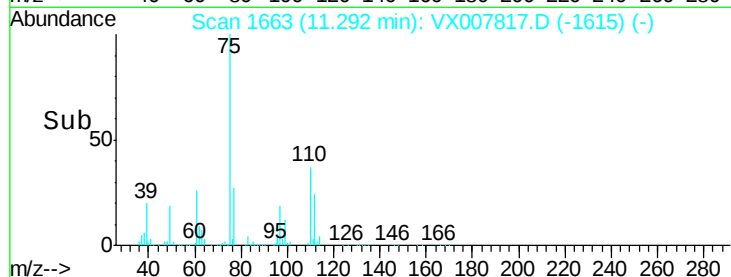
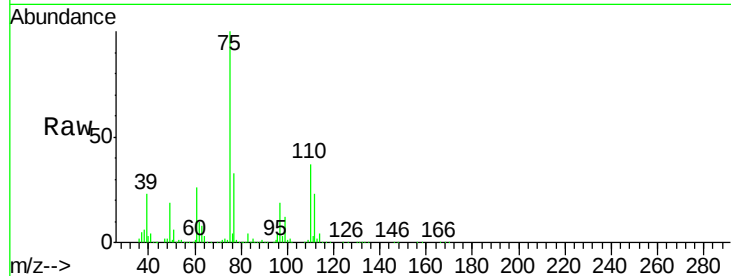
1,2,3-Trichloropropane
Concen: 50.075 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	39.7	23.0	69.0

Manual Integrations
APPROVED

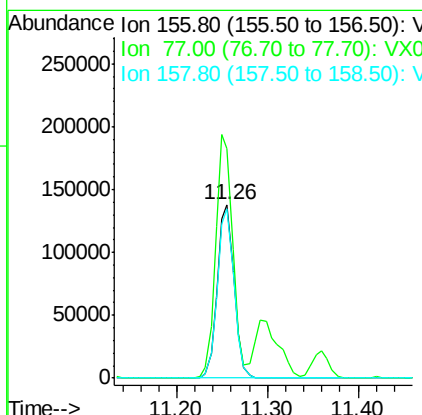
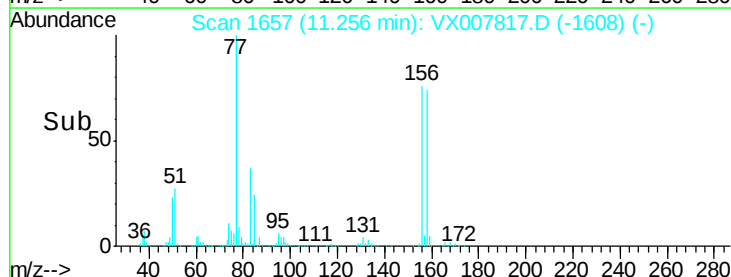
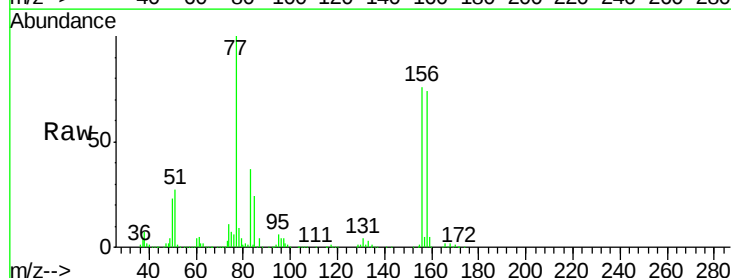
MMDadoda
3/5/2019 9:34:43 AM

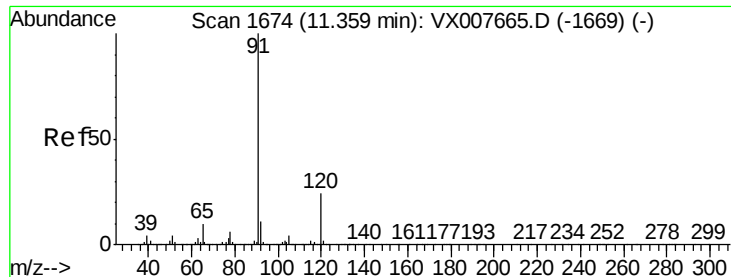


#77

Bromobenzene
Concen: 49.564 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
156	100		
77	142.6	66.8	200.6
158	97.2	47.9	143.8





#78

n-propylbenzene

Concen: 45.186 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487MS

Tot Ion: 91 Resp: 732391

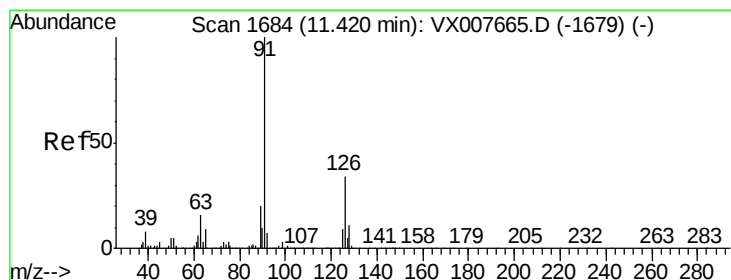
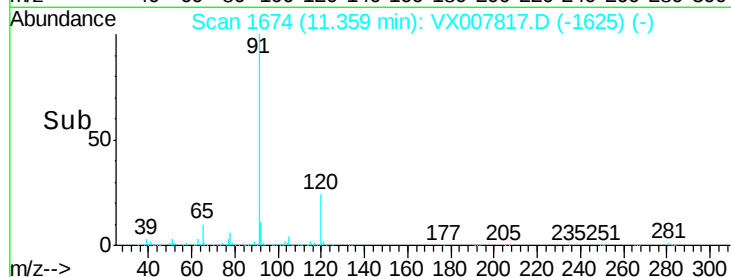
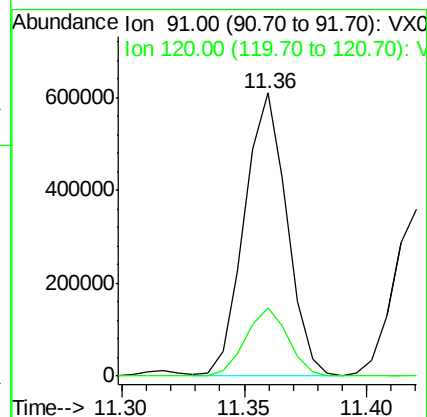
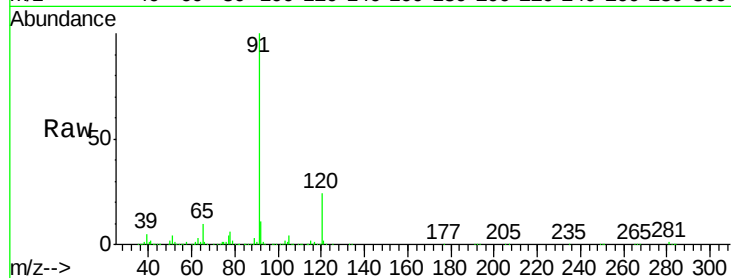
Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.2

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



#79

2-Chlorotoluene

Concen: 45.153 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007817.D

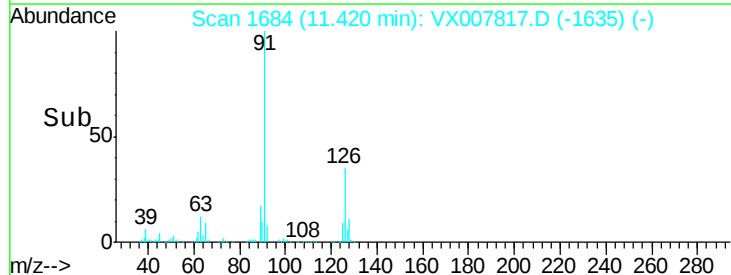
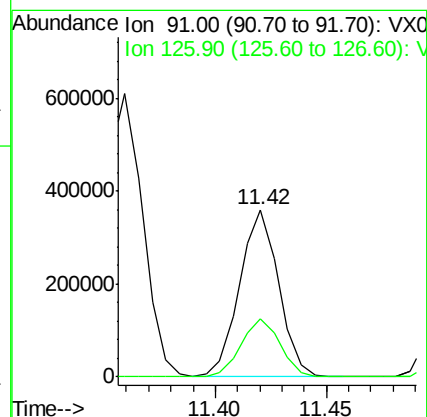
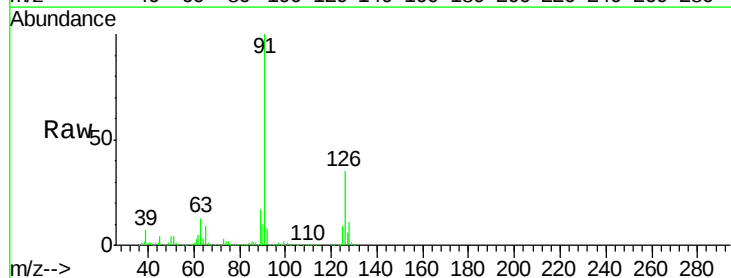
Acq: 04 Mar 2019 18:08

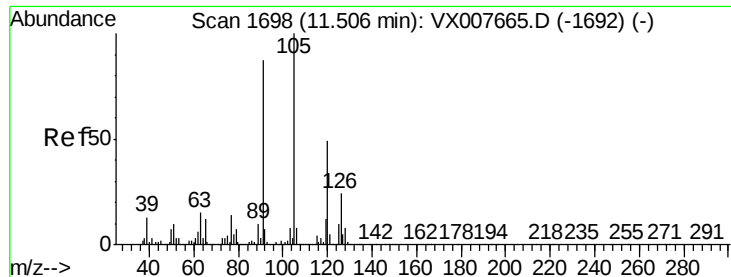
Tgt Ion: 91 Resp: 440666

Ion Ratio Lower Upper

91 100

126 35.1 18.7 56.1





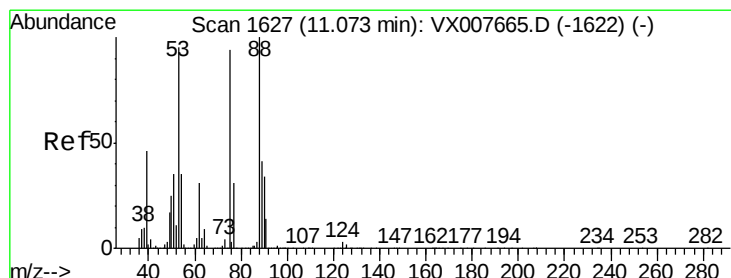
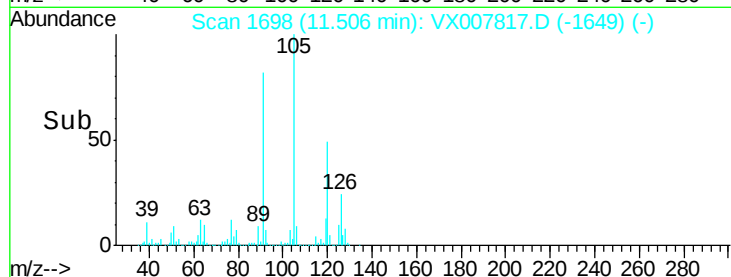
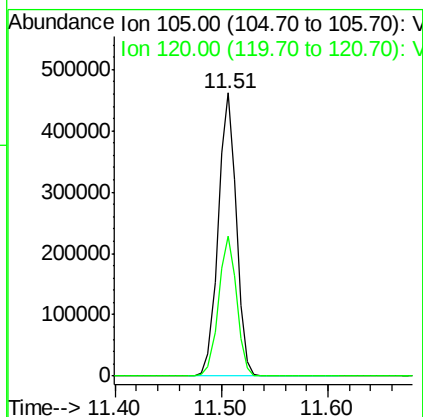
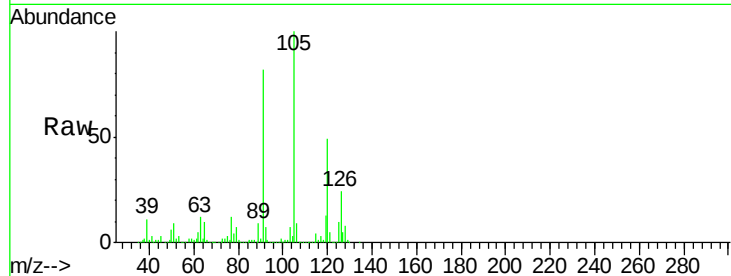
#80
 1,3,5-Trimethylbenzene
 Concen: 46.088 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.3	75.8

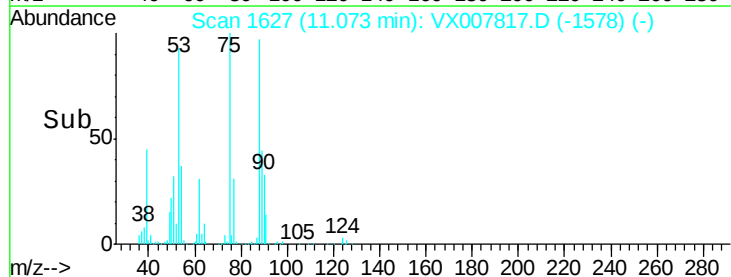
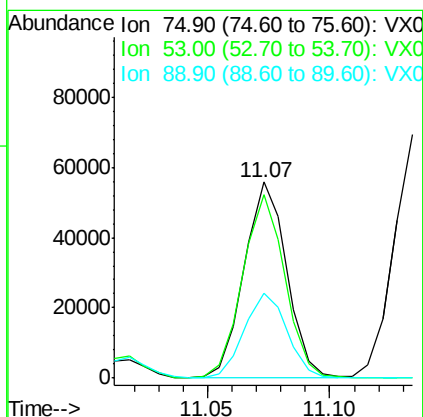
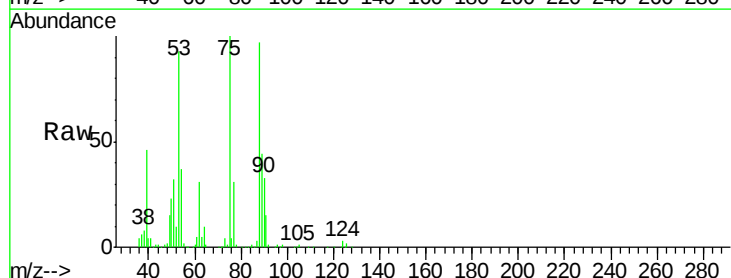
Manual Integrations
 APPROVED

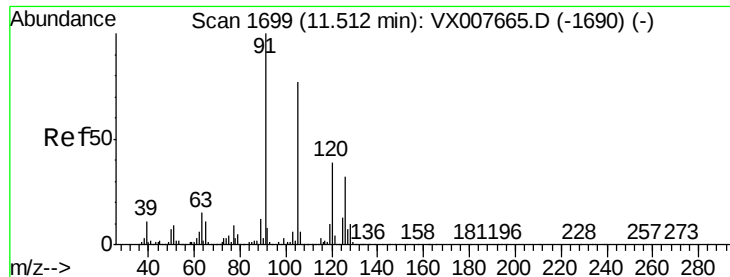
MMDadoda
 3/5/2019 9:34:43 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.683 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.8	81.0	121.6
89	44.1	41.4	62.0





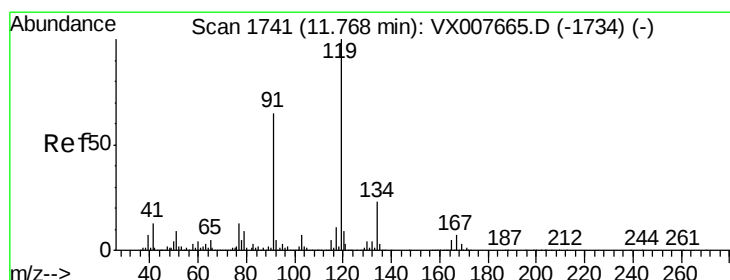
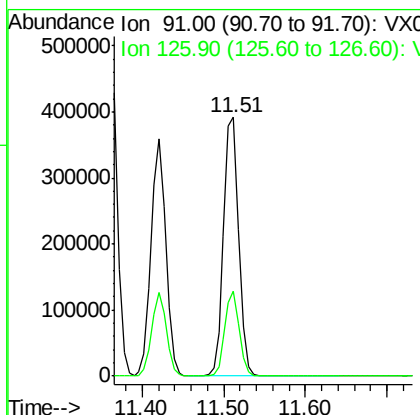
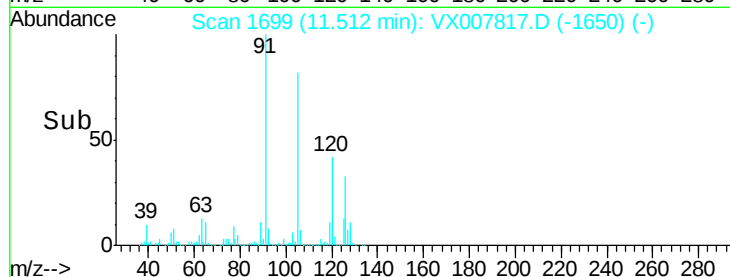
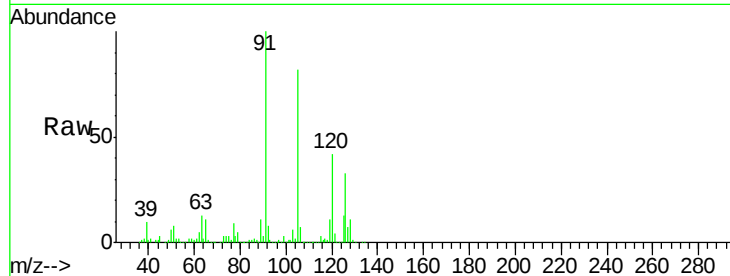
#82
4-Chlorotoluene
Concen: 44.256 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion: 91 Resp: 505263
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.5

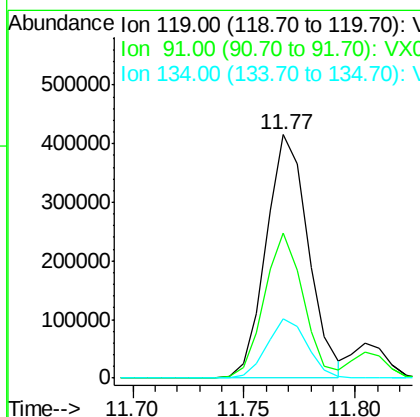
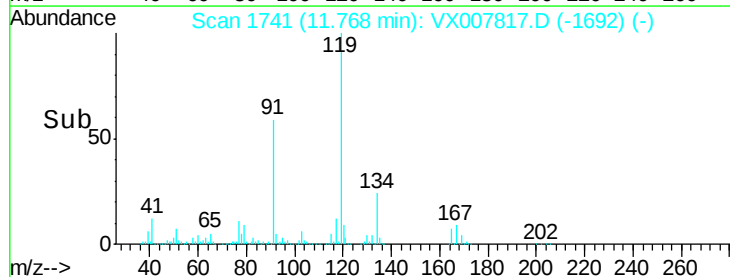
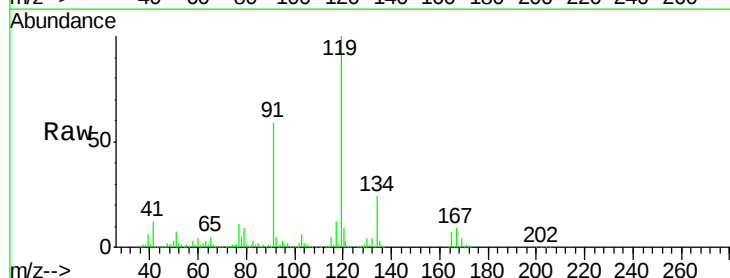
Manual Integrations
APPROVED

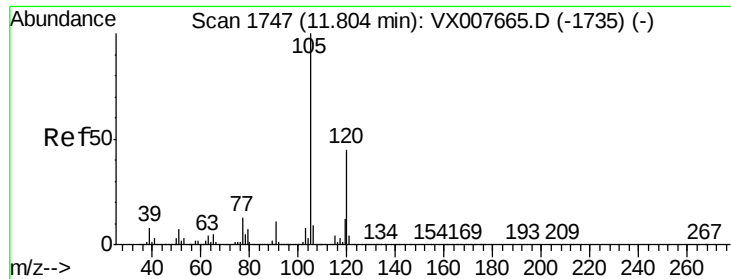
MMDadoda
3/5/2019 9:34:43 AM



#83
tert-Butylbenzene
Concen: 48.280 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion: 119 Resp: 546920
Ion Ratio Lower Upper
119 100
91 55.3 28.5 85.6
134 23.1 12.0 36.0





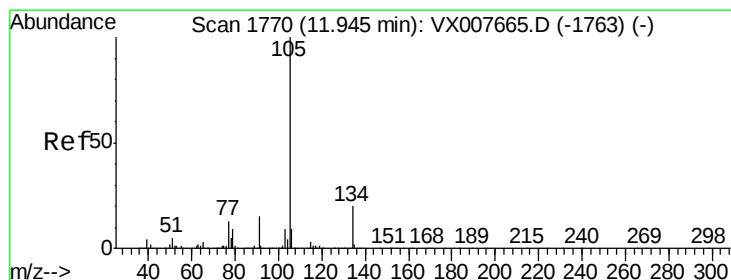
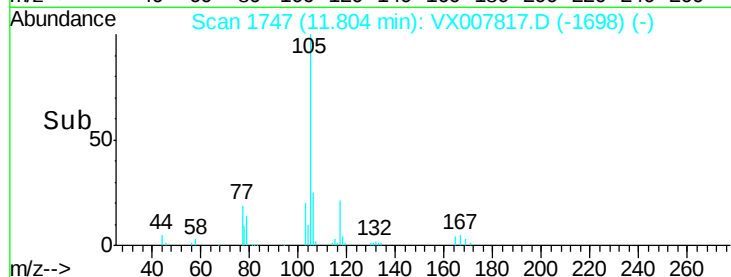
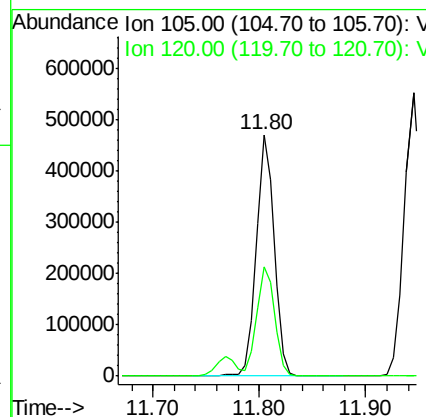
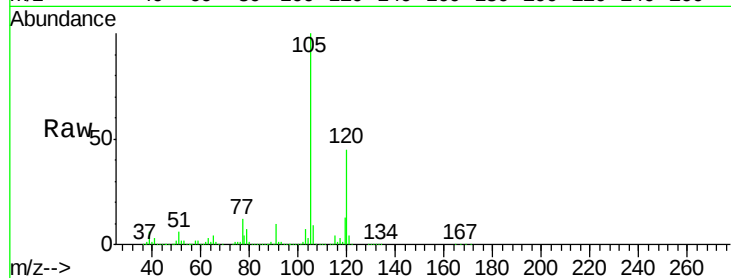
#84
 1,2,4-Trimethylbenzene
 Concen: 46.224 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.3

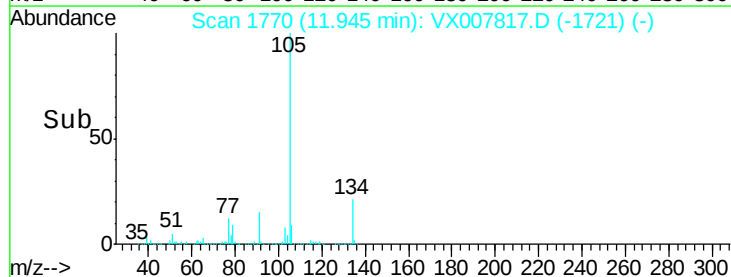
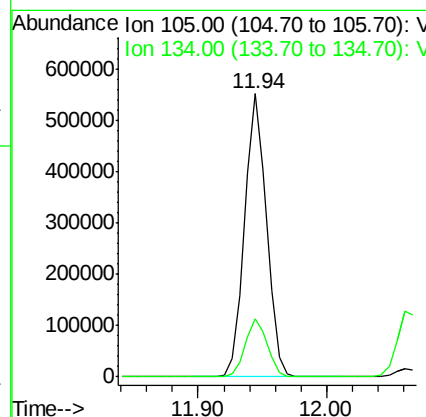
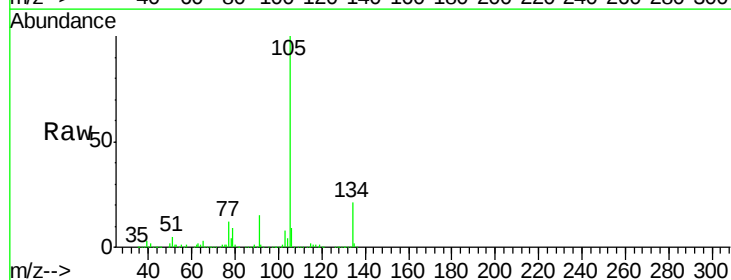
Manual Integrations
 APPROVED

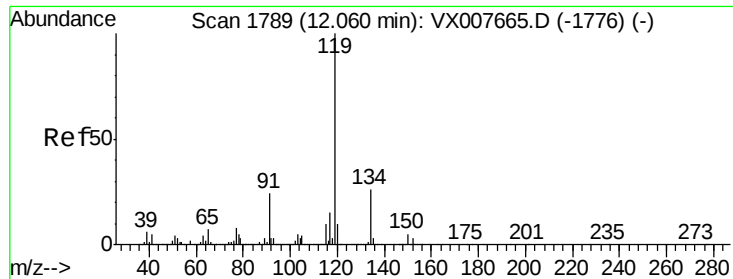
MMDadoda
 3/5/2019 9:34:43 AM



#85
 sec-Butylbenzene
 Concen: 45.669 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.6	31.8





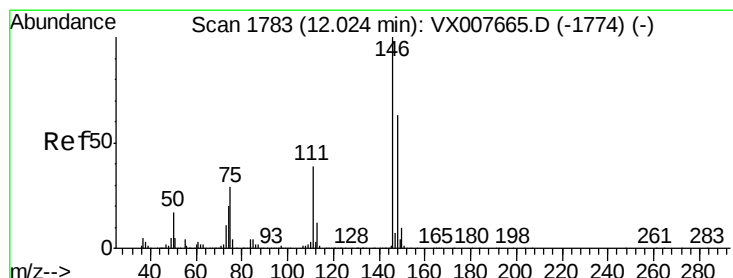
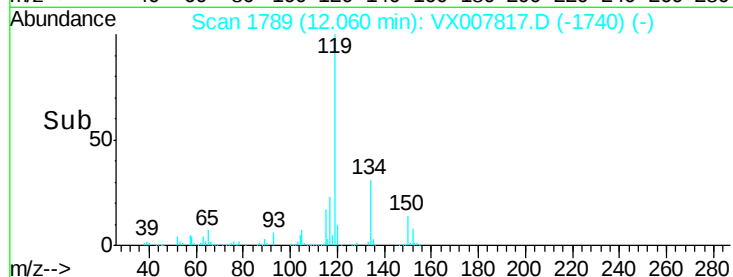
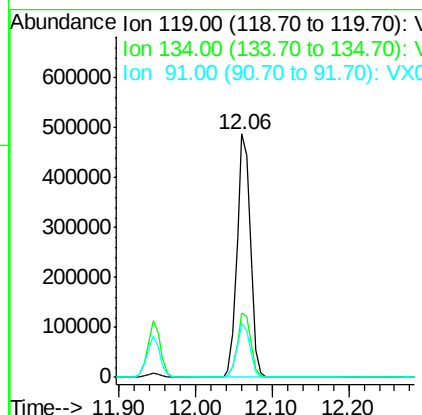
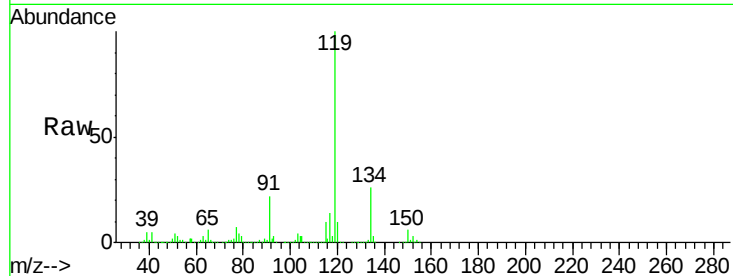
#86
p-Isopropyltoluene
Concen: 47.192 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.7	41.1
91	21.7	11.2	33.5

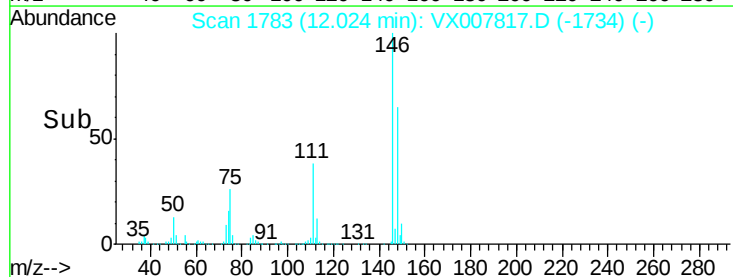
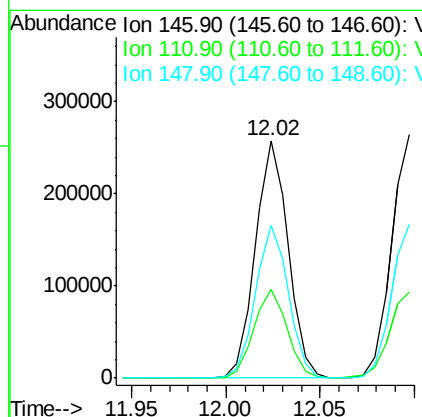
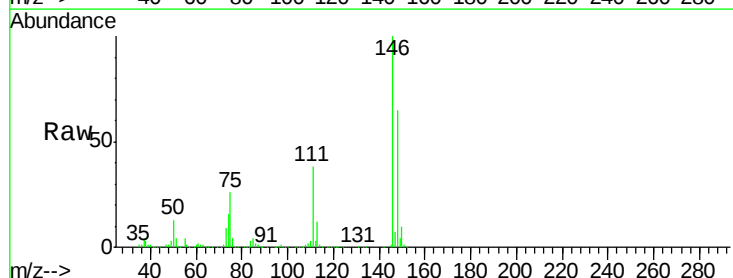
Manual Integrations
APPROVED

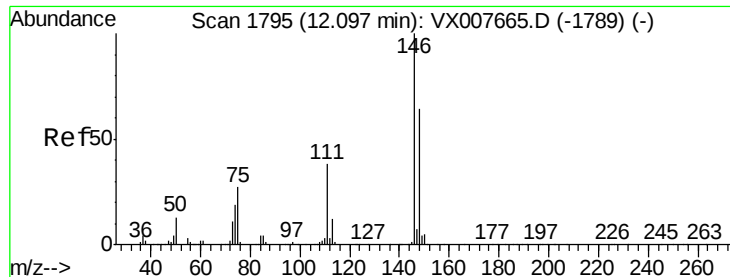
MMDadoda
3/5/2019 9:34:43 AM



#87
1,3-Dichlorobenzene
Concen: 46.624 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	64.6	32.0	96.2





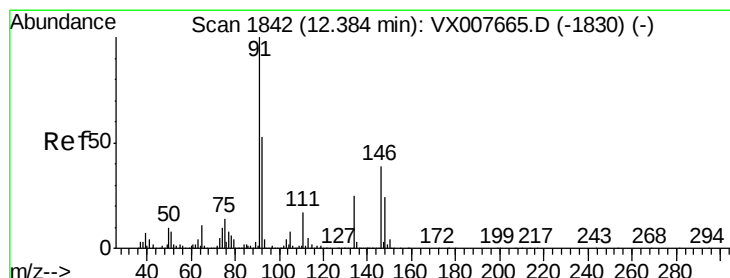
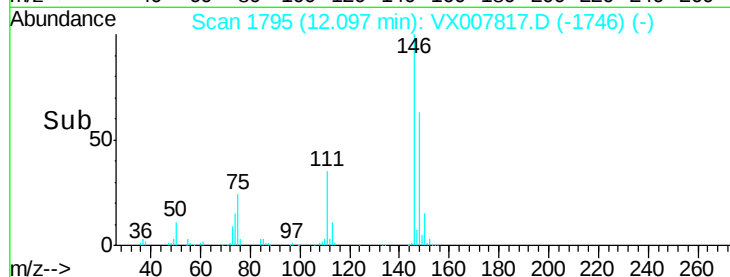
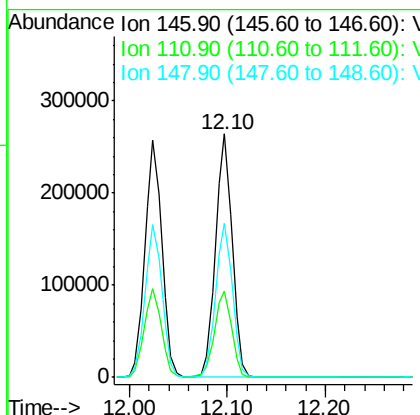
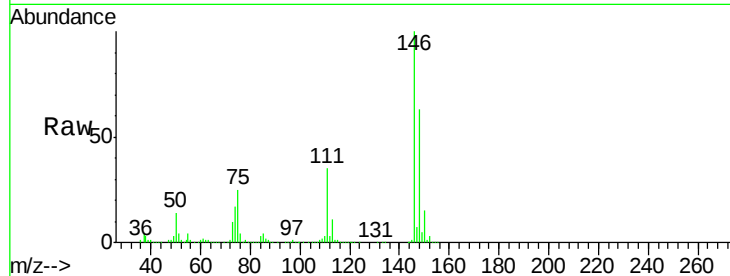
#88
 1,4-Dichlorobenzene
 Concen: 45.759 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	64.2	32.3	96.9

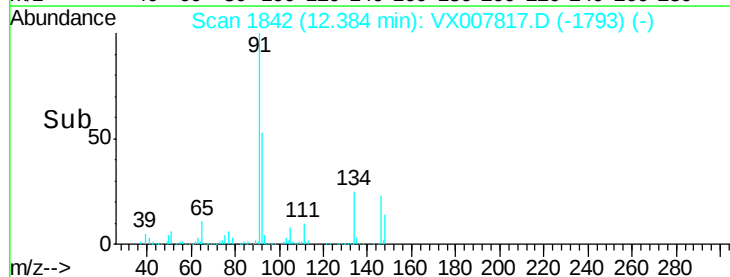
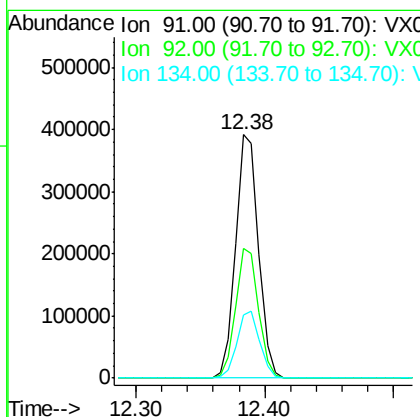
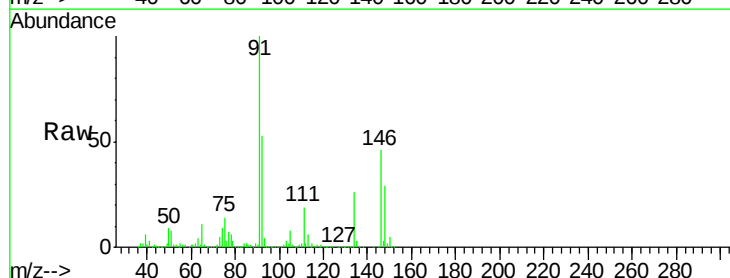
Manual Integrations
 APPROVED

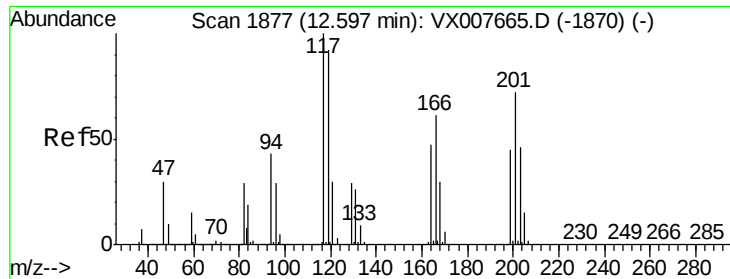
MMDadoda
 3/5/2019 9:34:43 AM



#89
 n-Butylbenzene
 Concen: 43.600 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.3	78.9
134	27.4	13.9	41.6





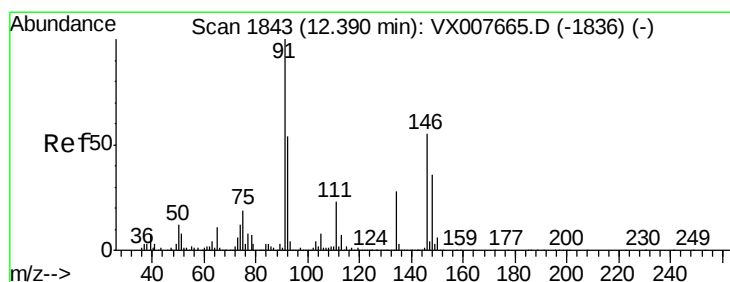
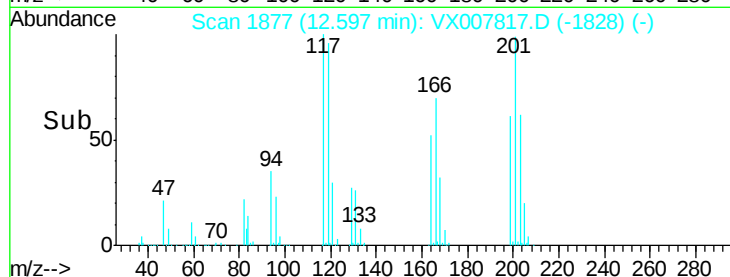
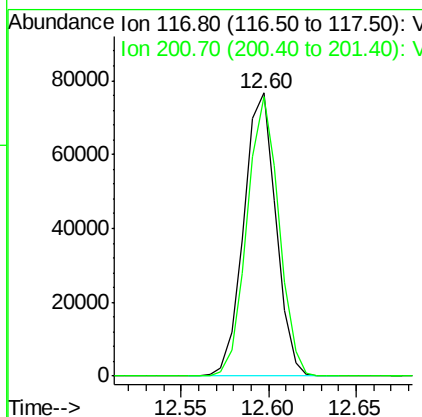
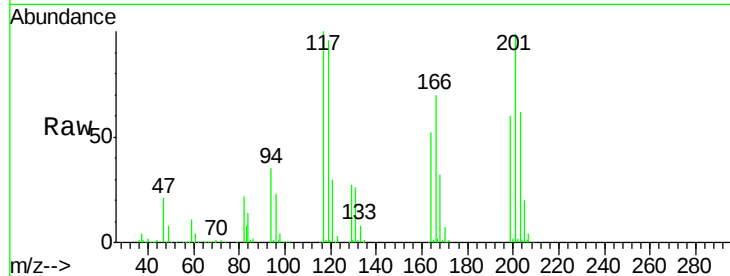
#90
Hexachloroethane
Concen: 46.744 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-485-487MS

Tot Ion:117 Resp: 97913
Ion Ratio Lower Upper
117 100
201 97.7 44.9 134.7

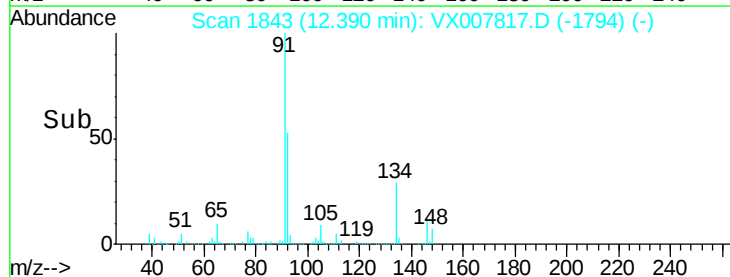
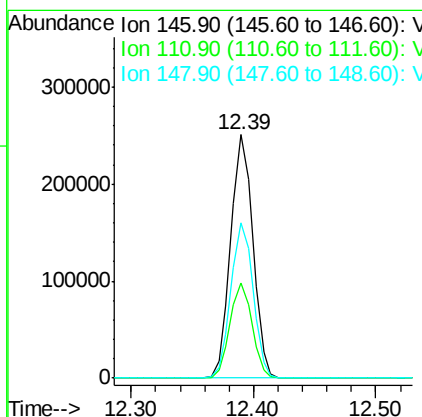
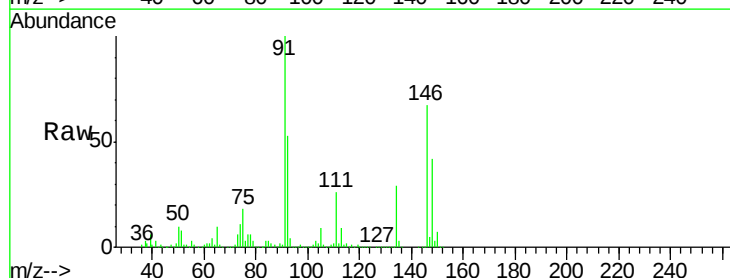
Manual Integrations
APPROVED

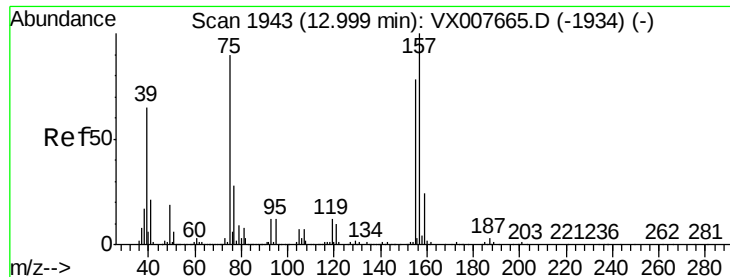
MMDadoda
3/5/2019 9:34:43 AM



#91
1,2-Dichlorobenzene
Concen: 46.830 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007817.D
Acq: 04 Mar 2019 18:08

Tgt Ion:146 Resp: 312691
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.3
148 64.0 32.1 96.3





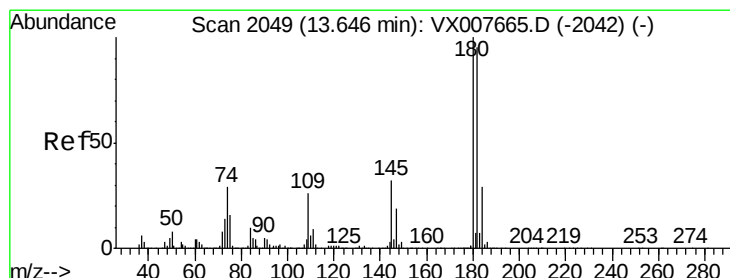
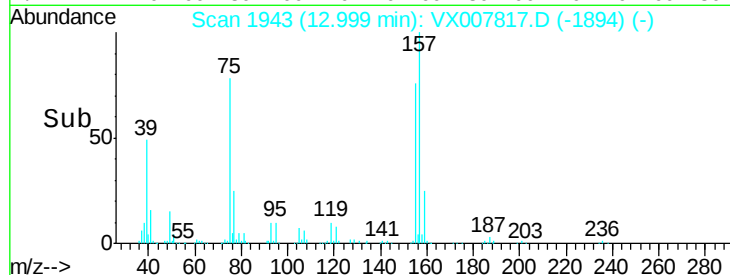
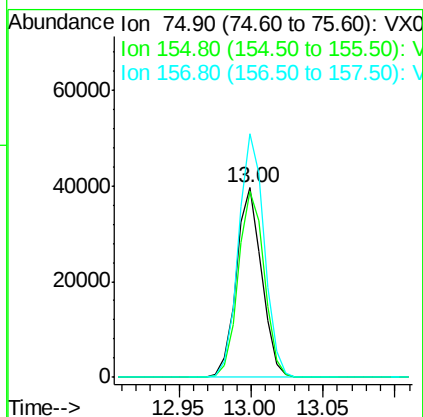
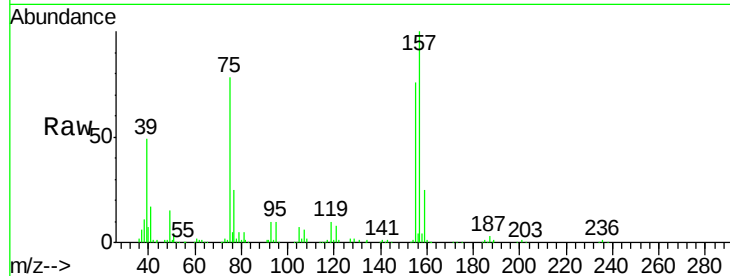
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.036 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	100.0	49.6	149.0
157	129.7	65.1	195.3

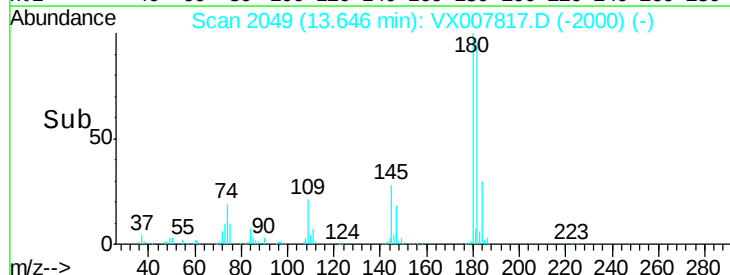
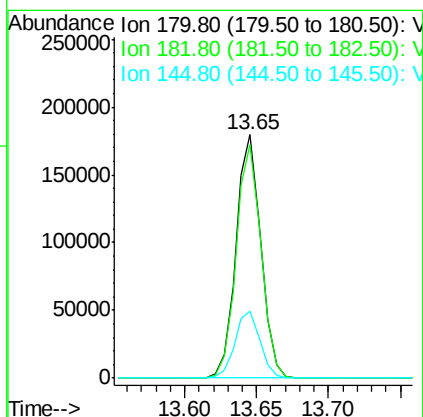
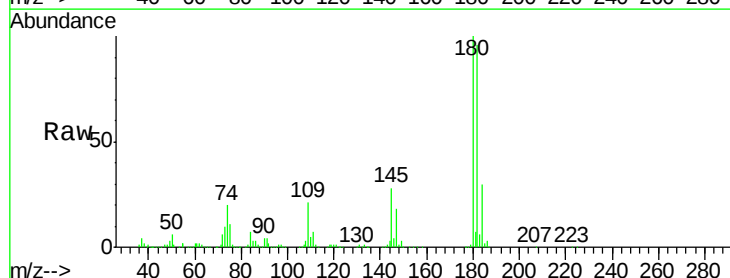
Manual Integrations
 APPROVED

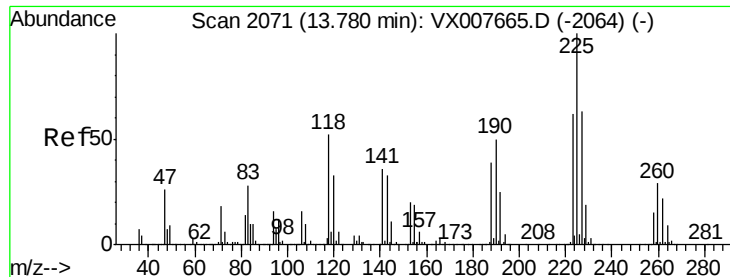
MMDadoda
 3/5/2019 9:34:43 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 52.837 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	28.1	14.1	42.2





#94

Hexachlorobutadiene

Concen: 59.032 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007817.D

Acq: 04 Mar 2019 18:08

Instrument :

MSVOA_X

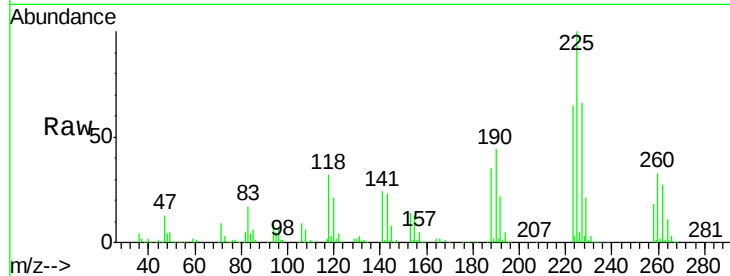
ClientSampleId :

BP-VPB201-GW-485-487MS

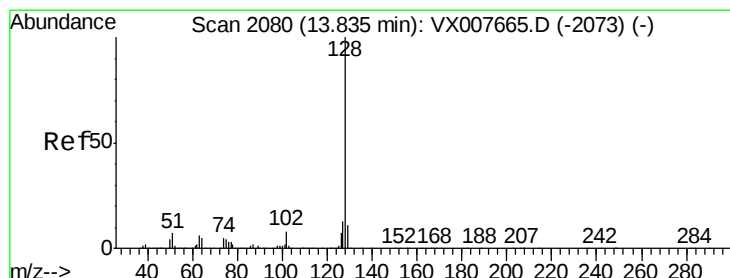
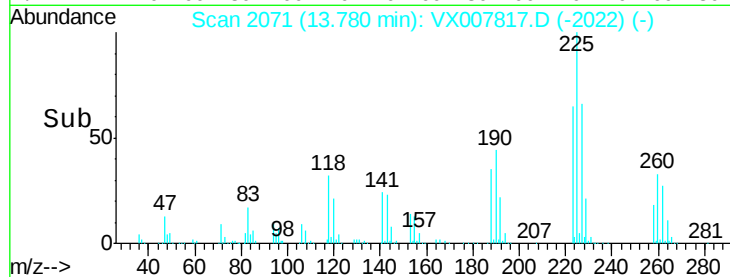
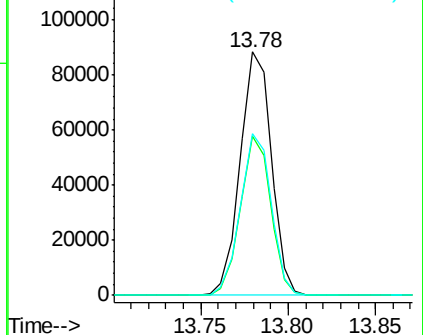
Tot Ion:	225	Resp:	110067
Ion Ratio		Lower	Upper
225	100		
223	63.7	31.6	94.8
227	65.6	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:43 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.260 ug/l

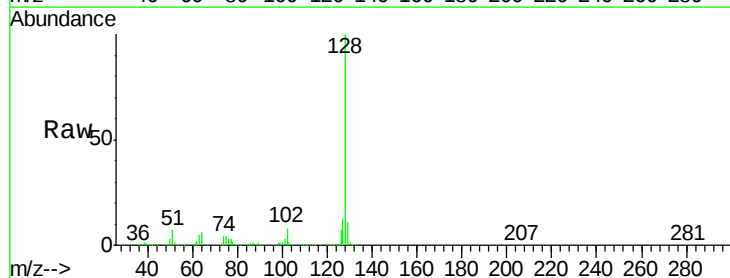
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

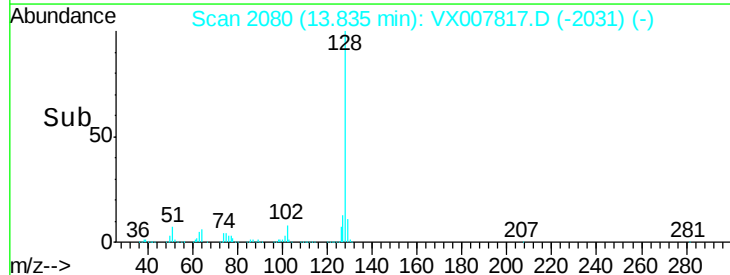
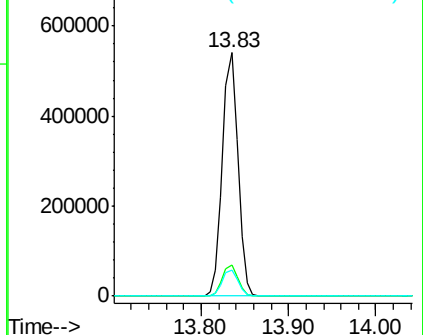
Lab File: VX007817.D

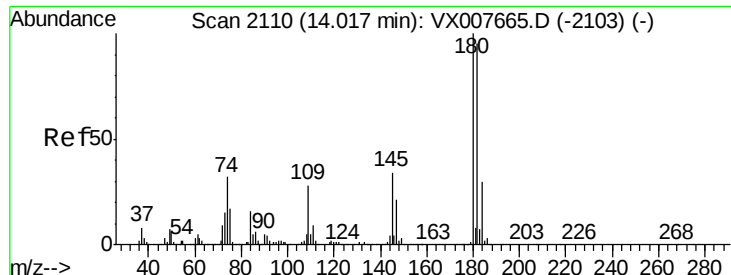
Acq: 04 Mar 2019 18:08

Tgt Ion:	128	Resp:	663673
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 53.089 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007817.D
 Acq: 04 Mar 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	47.5	142.6
145	30.0	14.9	44.5

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:43 AM

