

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006877.D
 Acq On : 02 Jan 2019 13:11
 Operator : JC/MD
 Sample : VX0102WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:16 AM

Quant Time: Jan 03 00:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	550582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	809099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	368201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	297903	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	270445	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	989686	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	355571	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81900	16.260	ug/l	99
3) Chloromethane	1.33	50	95720	17.639	ug/l	98
4) Vinyl Chloride	1.41	62	103882	18.330	ug/l	95
5) Bromomethane	1.64	94	103444	18.346	ug/l	99
6) Chloroethane	1.72	64	71239	18.154	ug/l	98
7) Trichlorofluoromethane	1.93	101	168925	19.118	ug/l	99
8) Diethyl Ether	2.19	74	68537	19.529	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100333	19.339	ug/l	99
10) Methyl Iodide	2.51	142	144021	19.393	ug/l	98
11) Tert butyl alcohol	3.07	59	133899	101.110	ug/l	97
12) 1,1-Dichloroethene	2.37	96	91308	18.561	ug/l	98
13) Acrolein	2.29	56	79335	88.804	ug/l	100
14) Allyl chloride	2.73	41	163601	19.758	ug/l	98
15) Acrylonitrile	3.15	53	305243	103.812	ug/l	99
16) Acetone	2.45	43	265468	97.375	ug/l	99
17) Carbon Disulfide	2.57	76	195181	14.993	ug/l	99
18) Methyl Acetate	2.78	43	185138	23.095	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350187	21.448	ug/l	99
20) Methylene Chloride	2.86	84	111011	19.692	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	99528	18.260	ug/l	91
22) Diisopropyl ether	3.87	45	319653	21.102	ug/l	97
23) Vinyl Acetate	3.82	43	1273586	102.784	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175577	19.416	ug/l	99
25) 2-Butanone	4.70	43	381151	99.393	ug/l	98
26) 2,2-Dichloropropane	4.58	77	135779	19.438	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	118751	19.747	ug/l	98
28) Bromochloromethane	5.02	49	78263	19.396	ug/l	97
29) Tetrahydrofuran	5.15	42	252486	99.966	ug/l	97
30) Chloroform	5.21	83	186703	19.938	ug/l	93
31) Cyclohexane	5.57	56	142911	17.396	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155867	19.712	ug/l	98
36) 1,1-Dichloropropene	5.80	75	127649	19.049	ug/l	99
37) Ethyl Acetate	4.85	43	145538	20.866	ug/l	99
38) Carbon Tetrachloride	5.78	117	130353	20.016	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010219\
 Data File : VX006877.D
 Acq On : 02 Jan 2019 13:11
 Operator : JC/MD
 Sample : VX0102WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0102WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:16 AM

Quant Time: Jan 03 00:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156885	17.783	ug/l	99
40) Benzene	6.14	78	407948	20.027	ug/l	99
41) Methacrylonitrile	5.06	41	80735	21.802	ug/l	97
42) 1,2-Dichloroethane	6.20	62	140388	20.226	ug/l	100
43) Isopropyl Acetate	6.46	43	235055	22.149	ug/l	98
44) Trichloroethene	7.21	130	118150	19.164	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104102	21.001	ug/l	99
46) Dibromomethane	7.66	93	75092	20.595	ug/l	98
47) Bromodichloromethane	7.90	83	123117	20.339	ug/l	95
48) Methyl methacrylate	7.77	41	118422	21.943	ug/l	97
49) 1,4-Dioxane	7.75	88	53800	368.460	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	750584	111.159	ug/l	99
52) Toluene	8.78	92	265703	20.191	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136480	21.023	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153953	21.612	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	113752	21.118	ug/l	96
56) Ethyl methacrylate	9.18	69	164753	21.641	ug/l	96
57) 1,3-Dichloropropane	9.37	76	181977	20.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435949	107.726	ug/l	99
59) 2-Hexanone	9.49	43	564724	109.309	ug/l	99
60) Dibromochloromethane	9.59	129	107843	20.577	ug/l	96
61) 1,2-Dibromoethane	9.67	107	118899	20.765	ug/l	100
64) Tetrachloroethene	9.34	164	120237	20.708	ug/l	98
65) Chlorobenzene	10.14	112	313252	20.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	108107	22.337	ug/l	99
67) Ethyl Benzene	10.25	91	505074	19.925	ug/l	98
68) m/p-Xylenes	10.36	106	398248	39.815	ug/l	100
69) o-Xylene	10.70	106	195115	19.754	ug/l	96
70) Styrene	10.71	104	318521	20.384	ug/l	99
71) Bromoform	10.86	173	77439	20.616	ug/l #	99
73) Isopropylbenzene	11.02	105	520185	20.651	ug/l	100
74) N-amyl acetate	10.90	43	206844	22.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167803	22.400	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157378m	22.999	ug/l	
77) Bromobenzene	11.26	156	146105	21.454	ug/l	98
78) n-propylbenzene	11.36	91	573080	20.660	ug/l	99
79) 2-Chlorotoluene	11.42	91	340900	20.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	426318	20.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40978	20.914	ug/l	93
82) 4-Chlorotoluene	11.51	91	394373	20.453	ug/l	100
83) tert-Butylbenzene	11.77	119	424250	20.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	438071	20.074	ug/l	99
85) sec-Butylbenzene	11.94	105	508774	19.984	ug/l	99
86) p-Isopropyltoluene	12.06	119	456268	20.388	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	251749	20.512	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	250254	19.890	ug/l	99
89) n-Butylbenzene	12.38	91	378042	19.849	ug/l	99
90) Hexachloroethane	12.60	117	64725	20.556	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	252922	20.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31849	20.547	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
Data File : VX006877.D
Acq On : 02 Jan 2019 13:11
Operator : JC/MD
Sample : VX0102WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

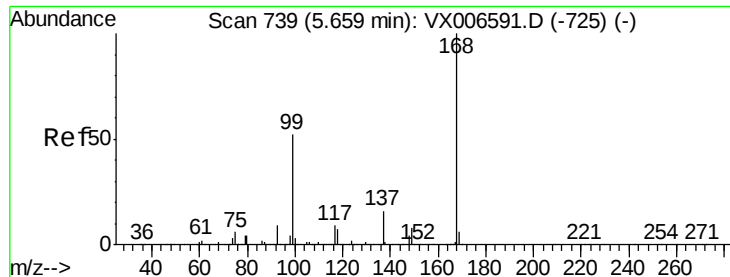
Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM

Quant Time: Jan 03 00:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169651	20.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	73743	18.473	ug/l	99
95) Naphthalene	13.83	128	521290	19.285	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168387	19.257	ug/l	99

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



#1

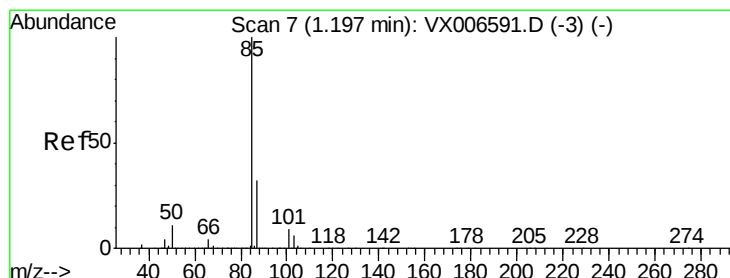
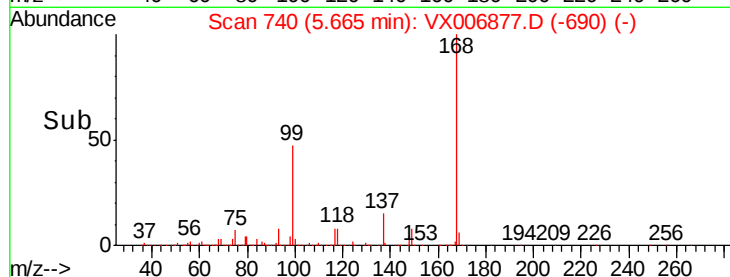
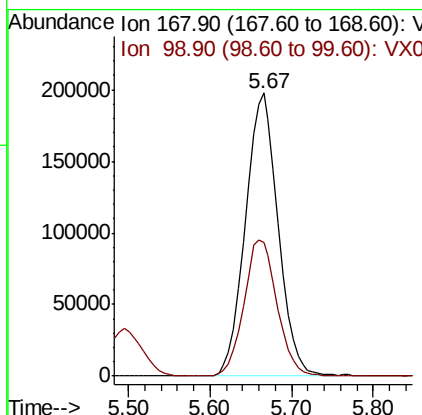
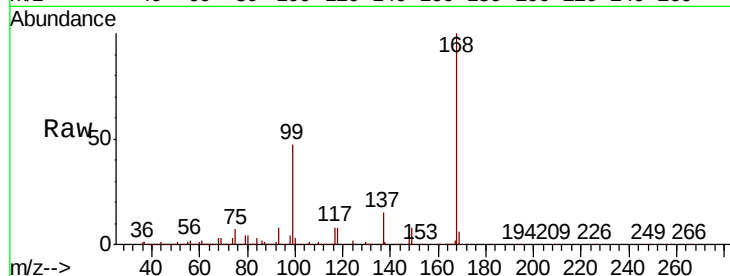
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.0	41.8	62.8

Manual Integrations
 APPROVED

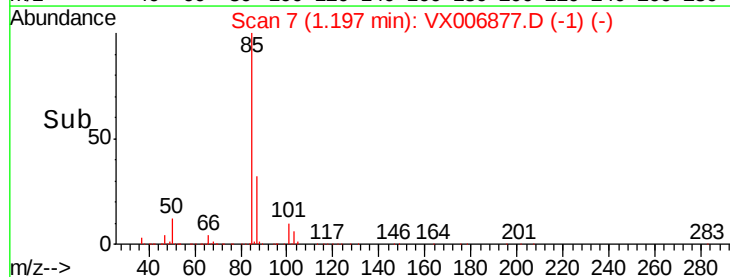
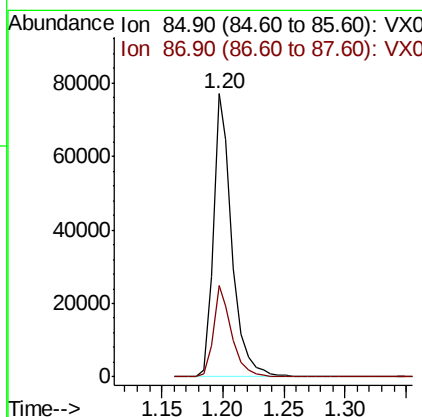
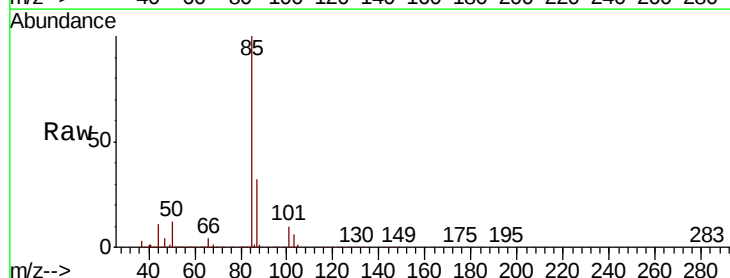
MMDadoda
 1/3/2019 9:43:16 AM

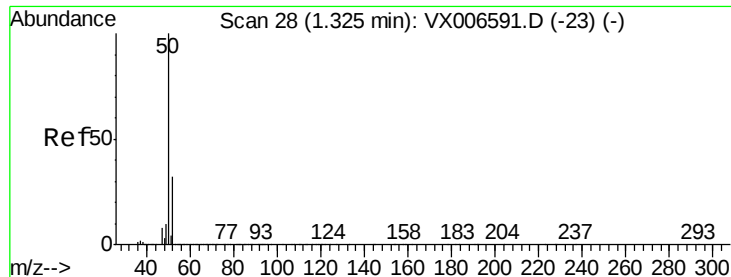


#2

Dichlorodifluoromethane
 Concen: 16.260 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.9	47.6





#3

Chloromethane

Concen: 17.639 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 50 Resp: 95720

Ion Ratio Lower Upper

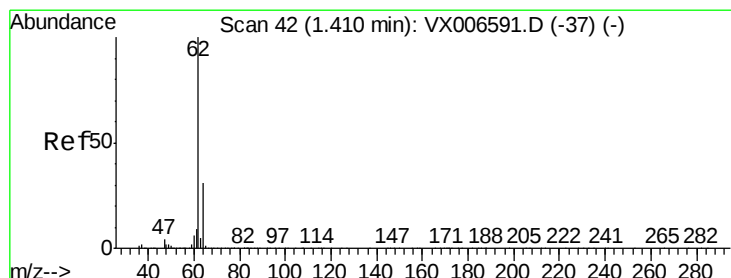
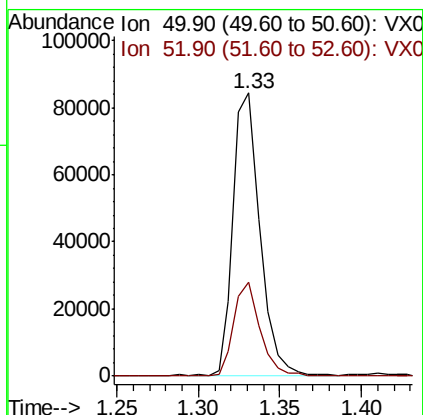
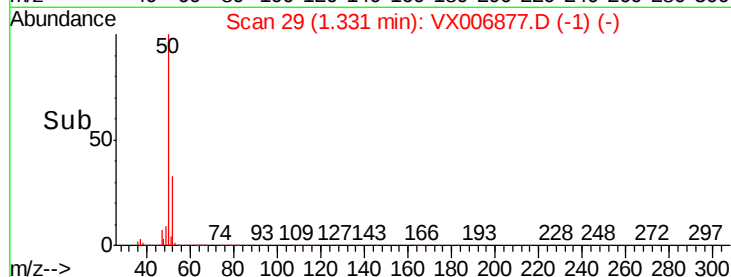
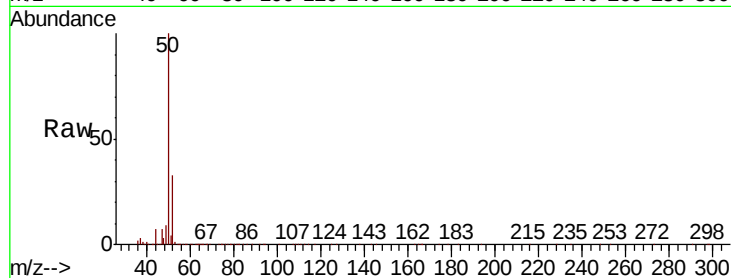
50 100

52 33.1 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

1/3/2019 9:43:16 AM



#4

Vinyl Chloride

Concen: 18.330 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006877.D

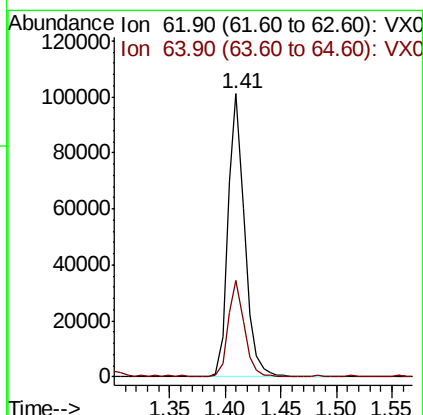
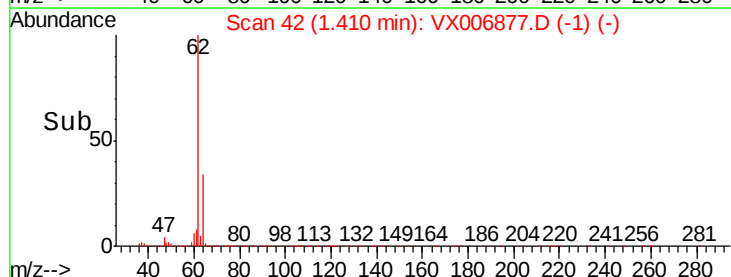
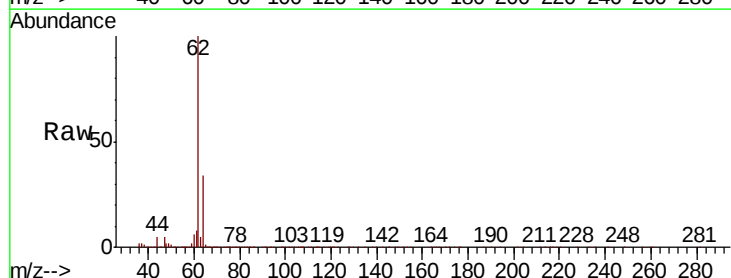
Acq: 02 Jan 2019 13:11

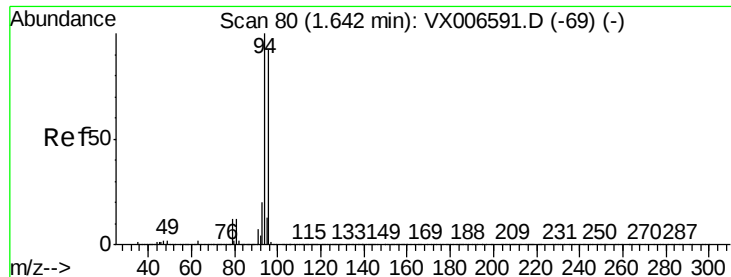
Tgt Ion: 62 Resp: 103882

Ion Ratio Lower Upper

62 100

64 34.1 25.1 37.7





#5

Bromomethane

Concen: 18.346 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 94 Resp: 103444

Ion Ratio Lower Upper

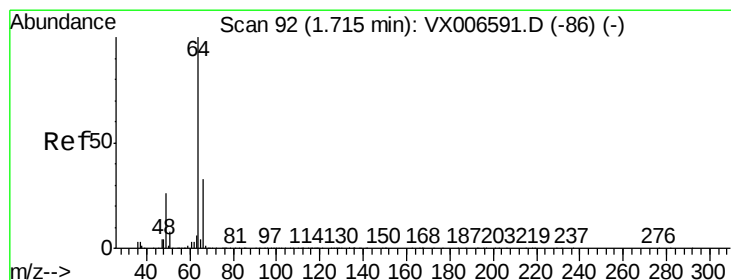
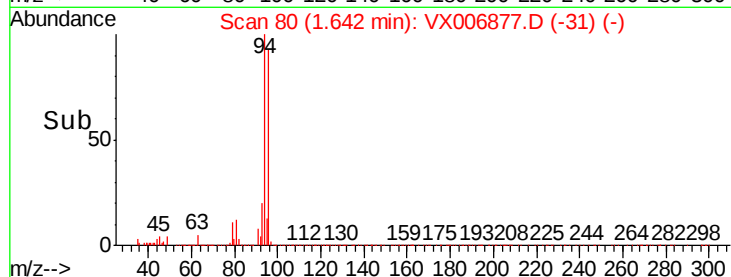
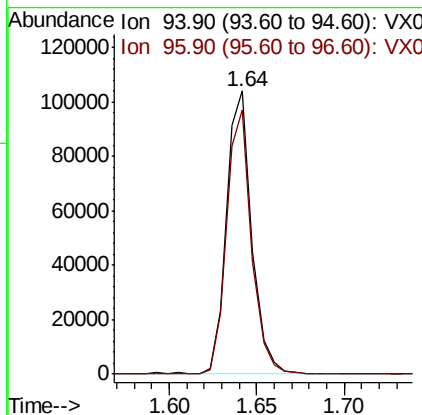
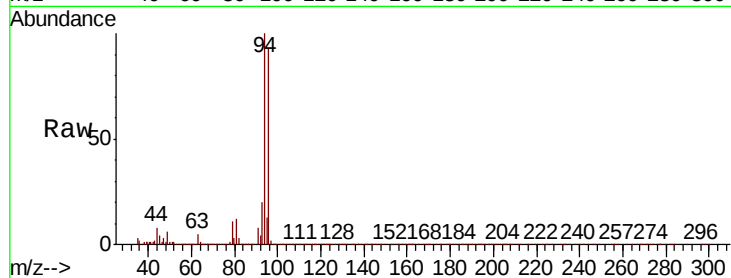
94 100

96 93.1 73.4 110.2

Manual Integrations
APPROVED

MMDadoda

1/3/2019 9:43:16 AM



#6

Chloroethane

Concen: 18.154 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006877.D

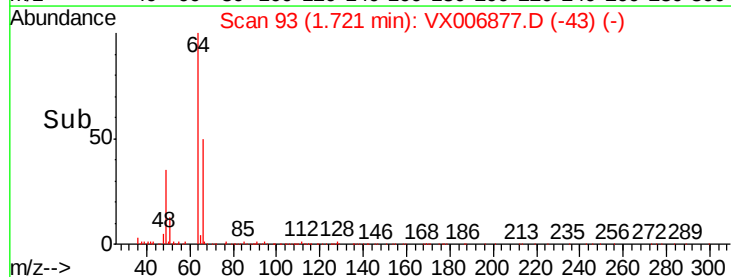
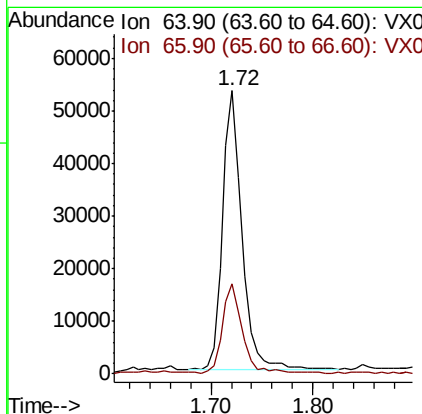
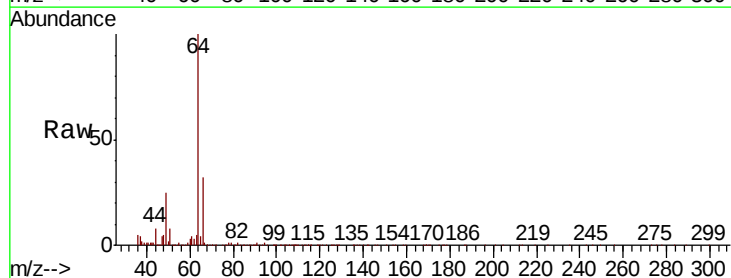
Acq: 02 Jan 2019 13:11

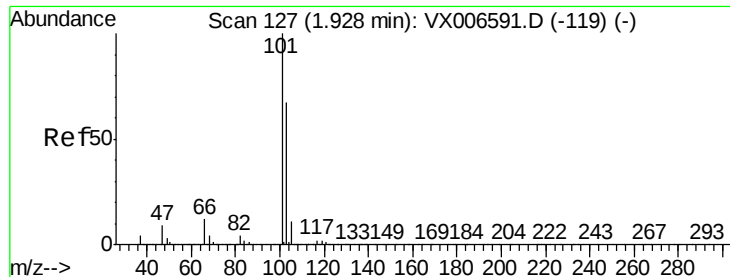
Tgt Ion: 64 Resp: 71239

Ion Ratio Lower Upper

64 100

66 31.9 26.4 39.6





#7

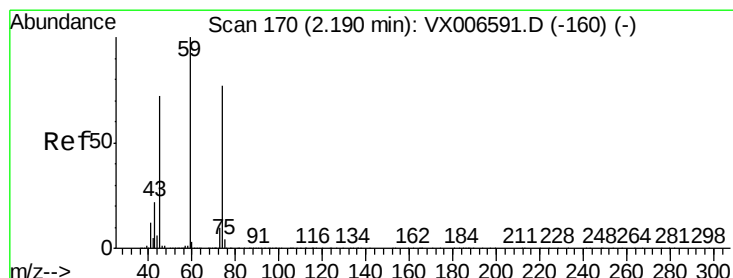
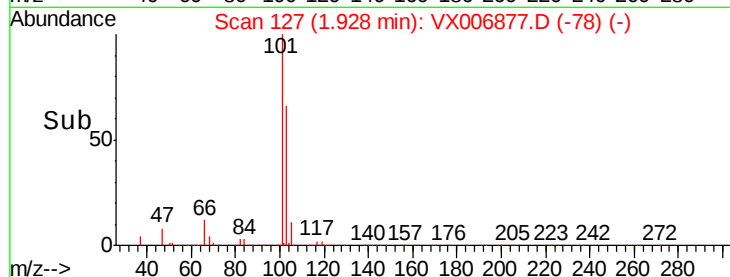
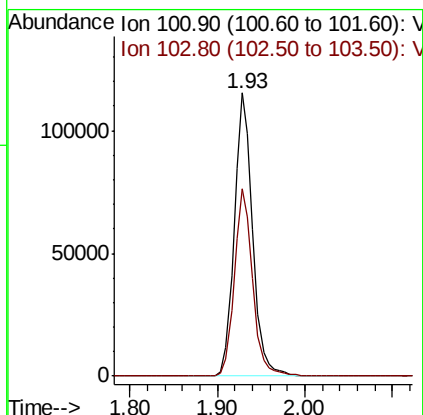
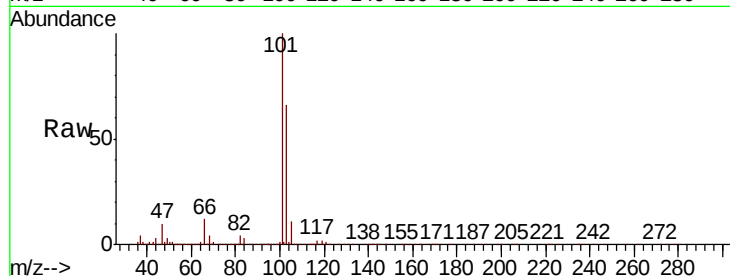
Trichlorofluoromethane
Concen: 19.118 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampled :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	53.2	79.8

Manual Integrations
APPROVED

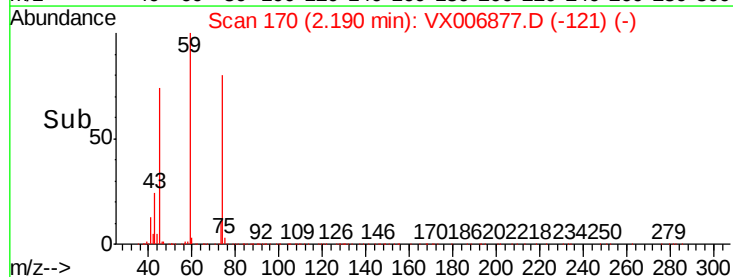
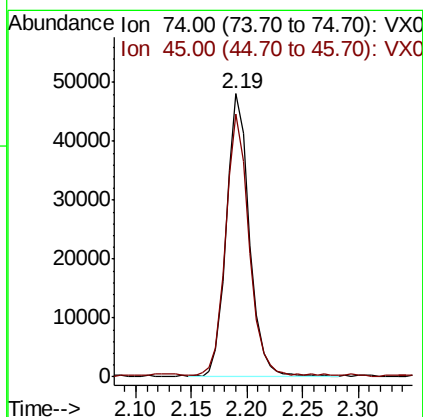
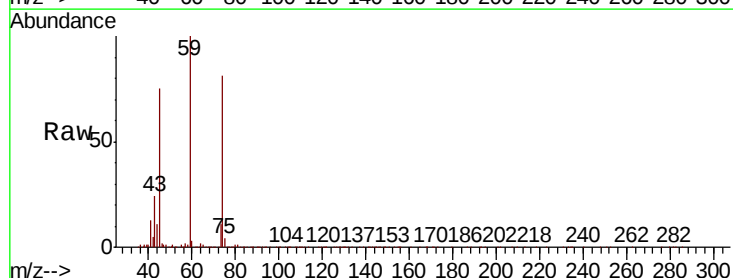
MMDadoda
1/3/2019 9:43:16 AM

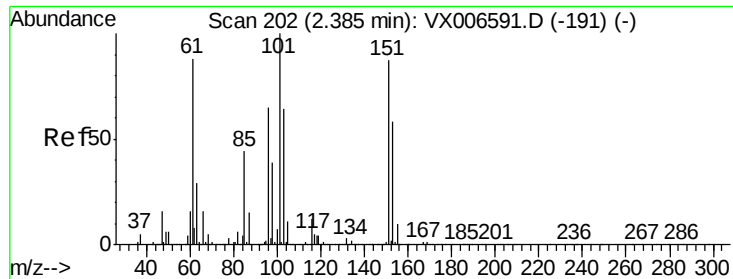


#8

Diethyl Ether
Concen: 19.529 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.339 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

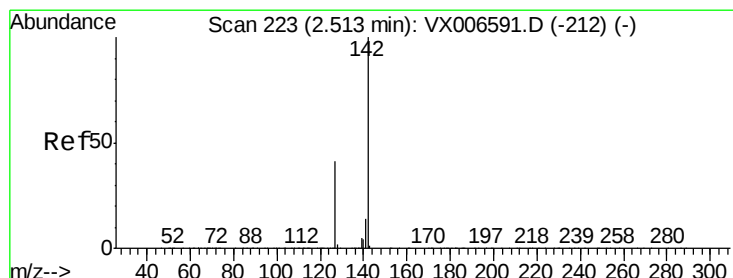
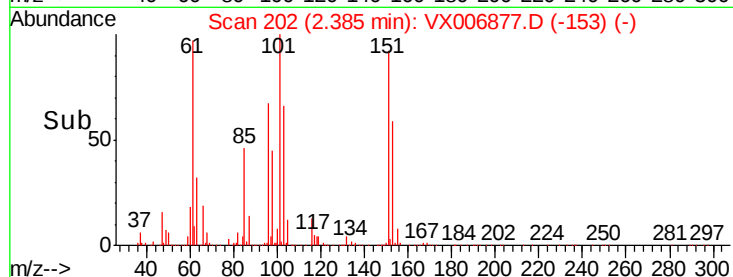
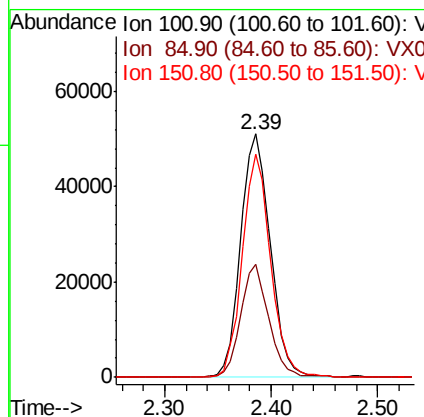
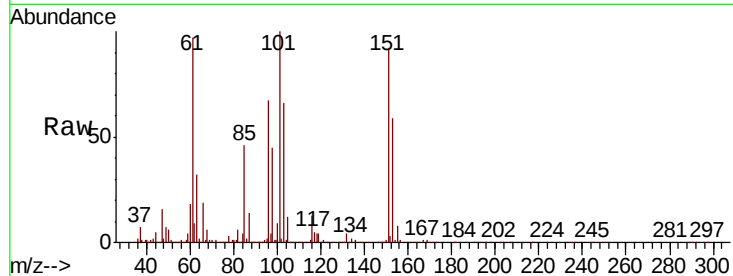
ClientSampleId :

VX0102WBSD01

Tot Ion:	101	Resp:	100333
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.1	52.7
151	87.8	68.9	103.3

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#10

Methyl Iodide

Concen: 19.393 ug/l

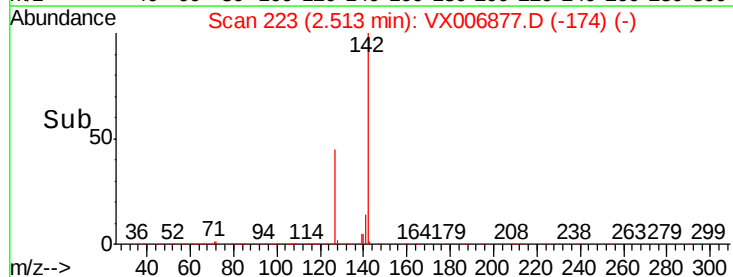
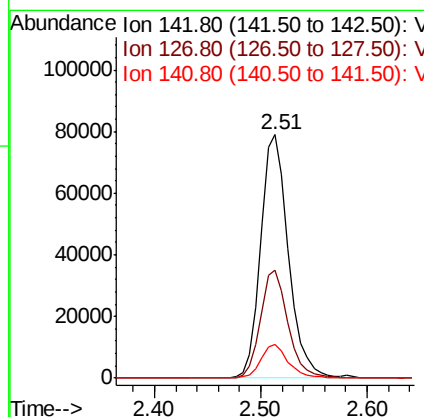
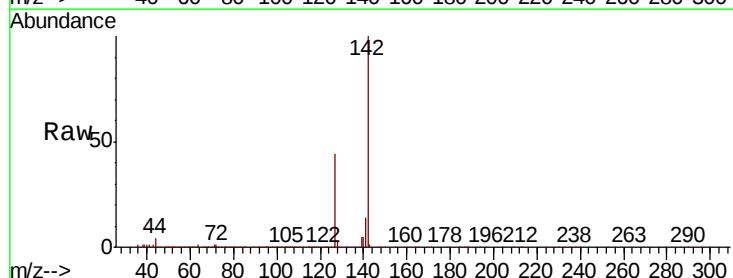
RT: 2.51 min Scan# 223

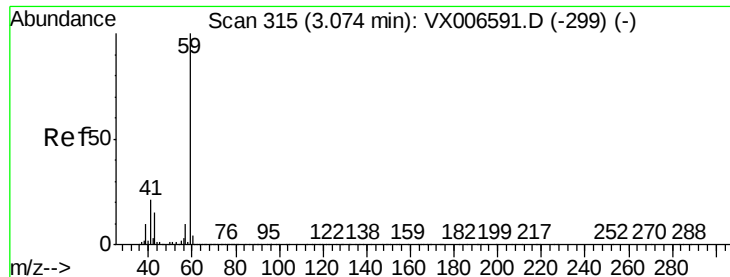
Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	142	Resp:	144021
Ion Ratio	Lower	Upper	
142	100		
127	44.0	33.9	50.9
141	13.9	11.4	17.0





#11

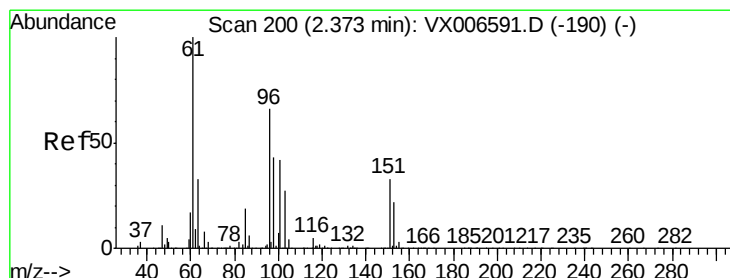
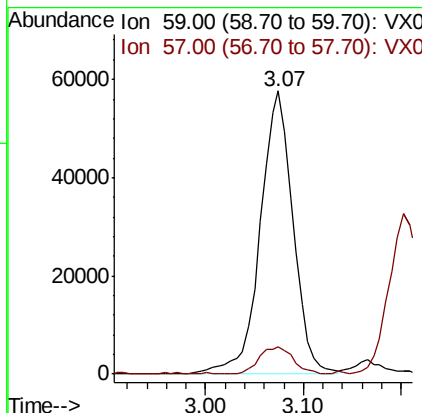
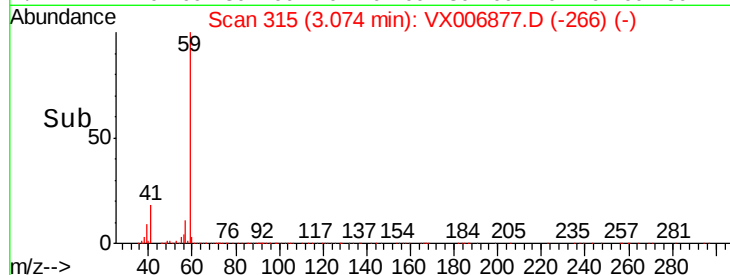
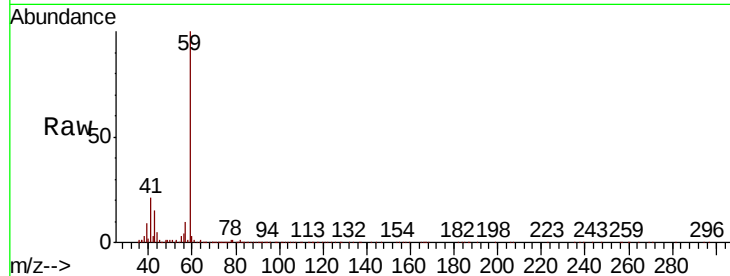
Tert butyl alcohol
 Concen: 101.110 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.5	12.7

Manual Integrations
 APPROVED

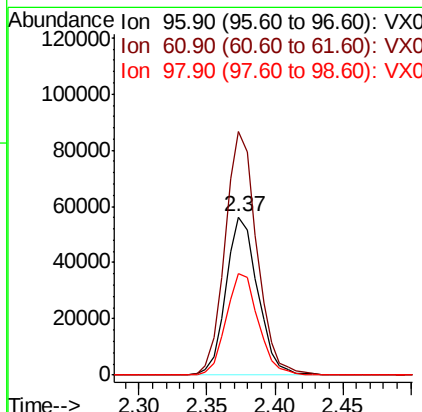
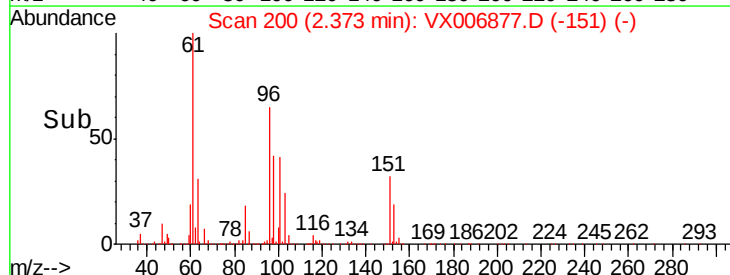
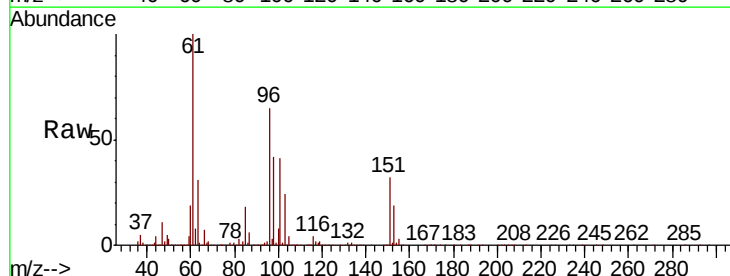
MMDadoda
 1/3/2019 9:43:16 AM

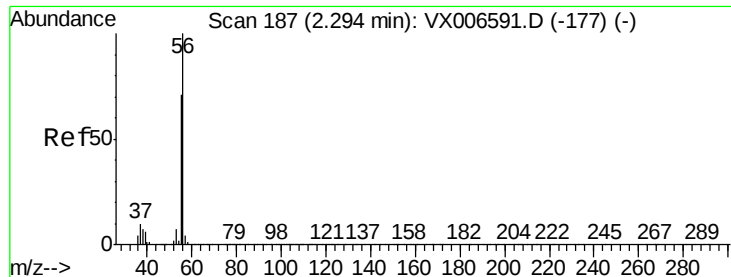


#12

1,1-Dichloroethene
 Concen: 18.561 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	121.4	182.2
98	64.1	51.9	77.9





#13

Acrolein

Concen: 88.804 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 56 Resp: 79335

Ion Ratio Lower Upper

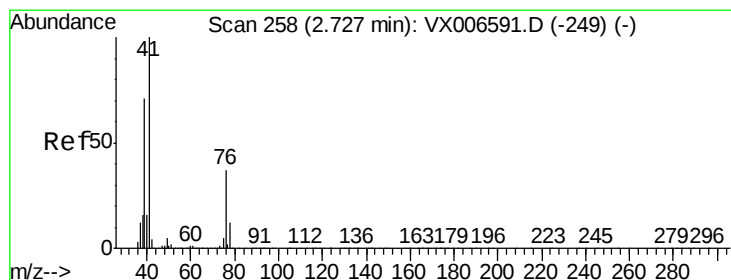
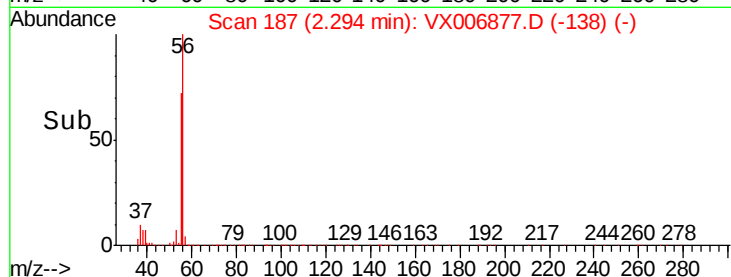
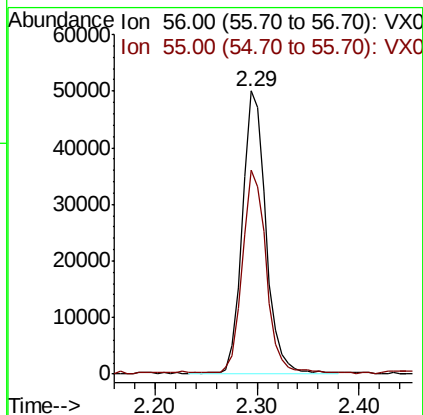
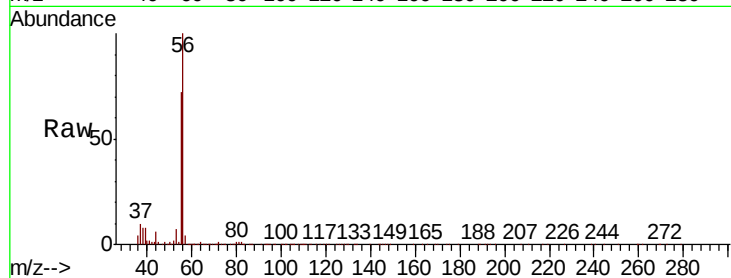
56 100

55 72.8 58.2 87.4

Manual Integrations
APPROVED

MMDadoda

1/3/2019 9:43:16 AM



#14

Allyl chloride

Concen: 19.758 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

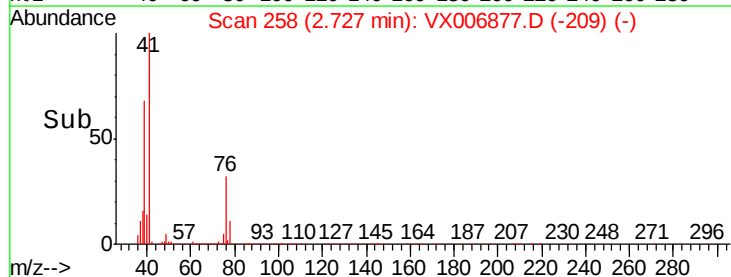
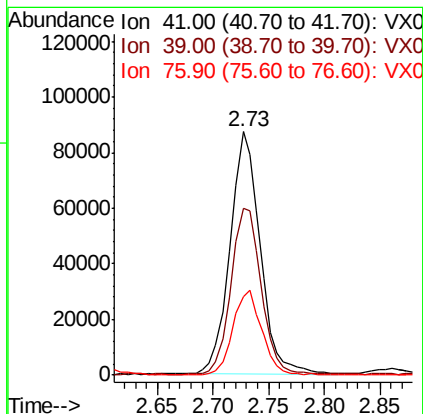
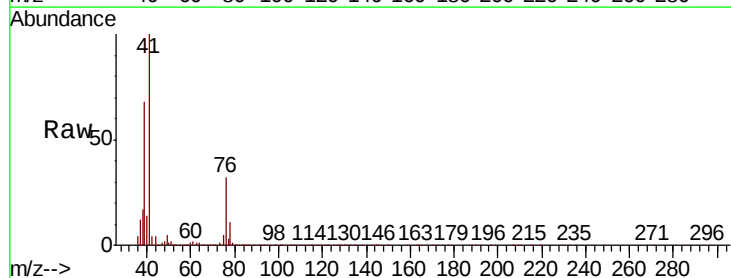
Tgt Ion: 41 Resp: 163601

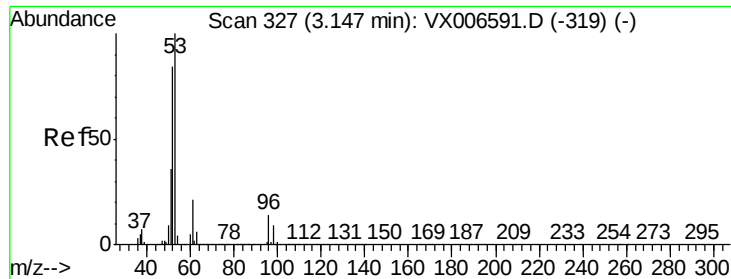
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 32.7 27.4 41.2





#15

Acrylonitrile

Concen: 103.812 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

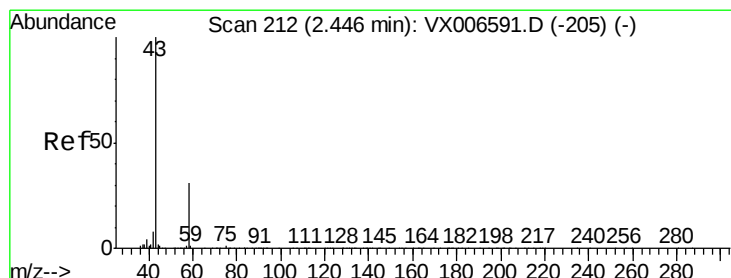
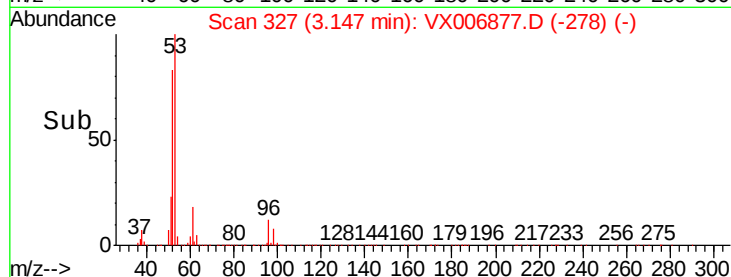
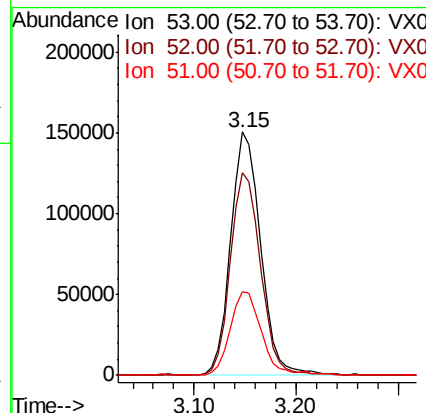
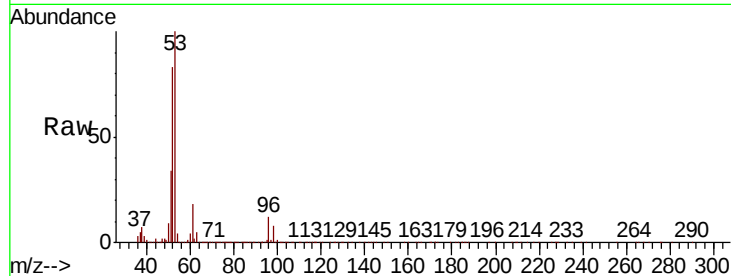
ClientSampleId :

VX0102WBSD01

Tot Ion:	53	Resp:	305243
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.0	99.0
51	35.6	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#16

Acetone

Concen: 97.375 ug/l

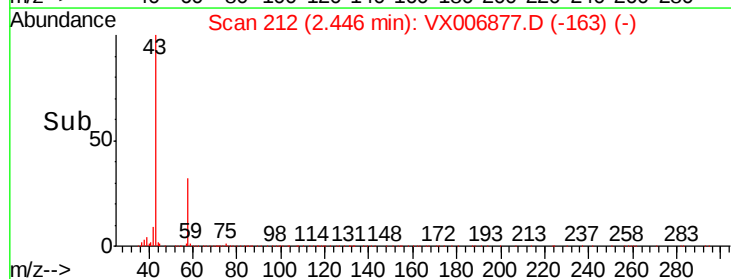
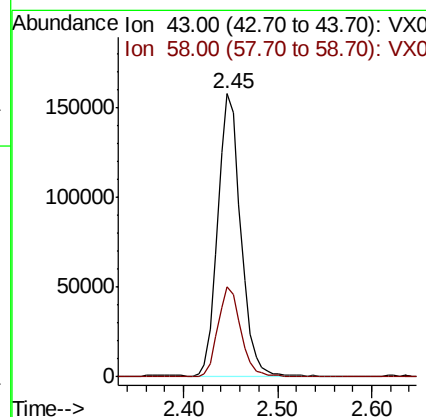
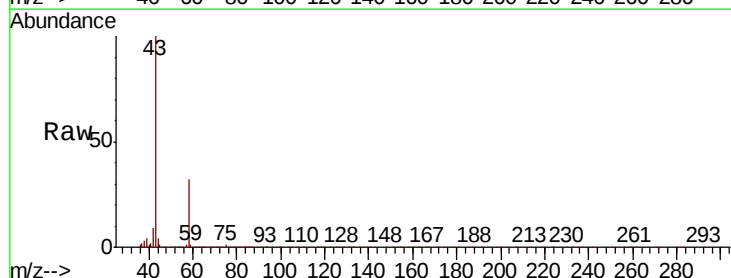
RT: 2.45 min Scan# 212

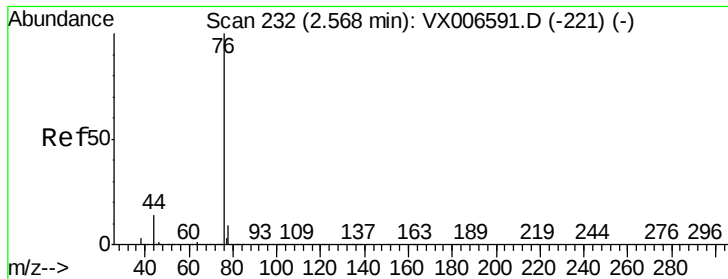
Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	43	Resp:	265468
Ion Ratio		Lower	Upper
43	100		
58	31.9	25.0	37.6





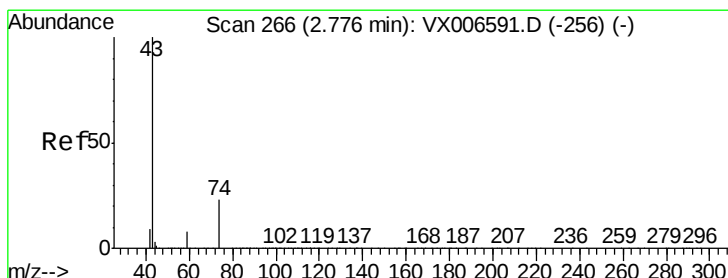
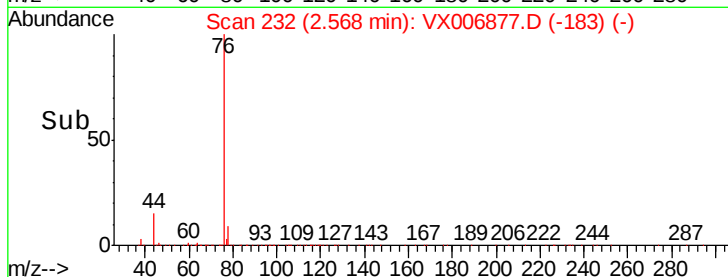
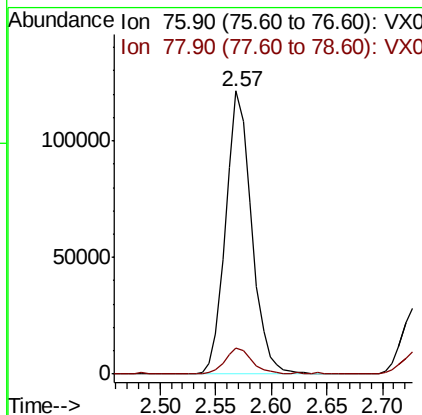
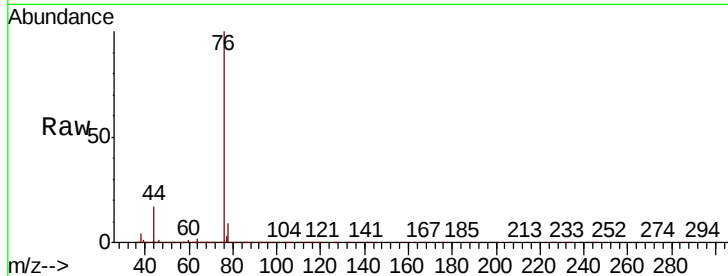
#17
Carbon Disulfide
Concen: 14.993 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

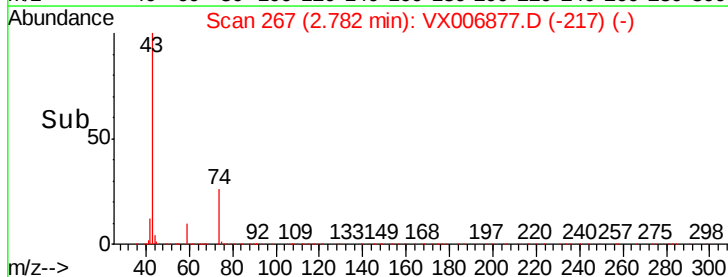
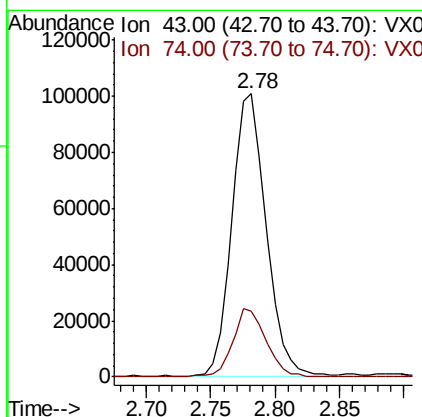
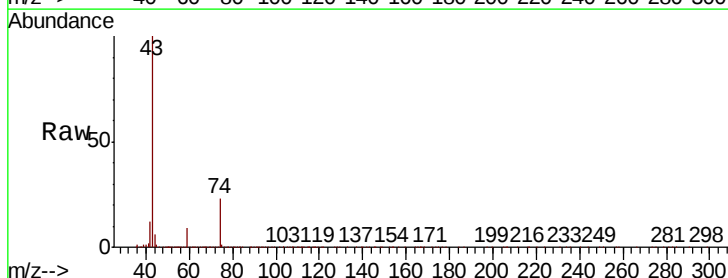
Manual Integrations
APPROVED

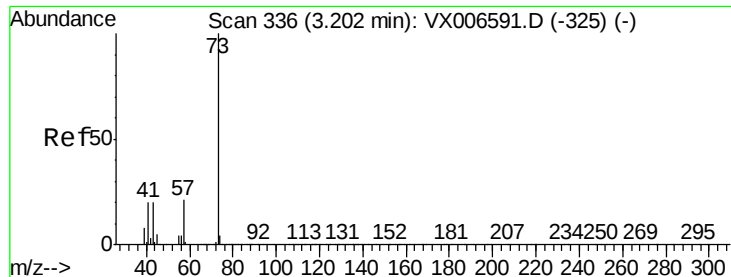
MMDadoda
1/3/2019 9:43:16 AM



#18
Methyl Acetate
Concen: 23.095 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.6	28.0





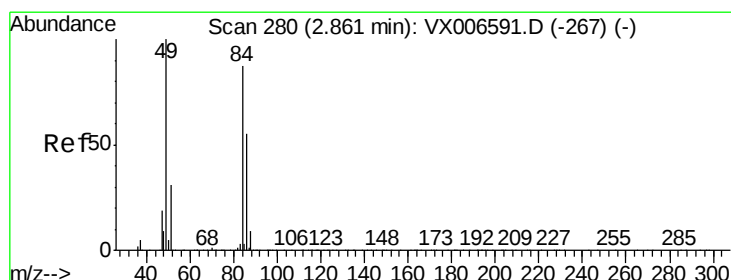
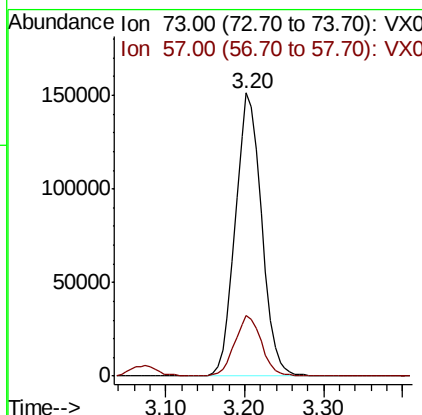
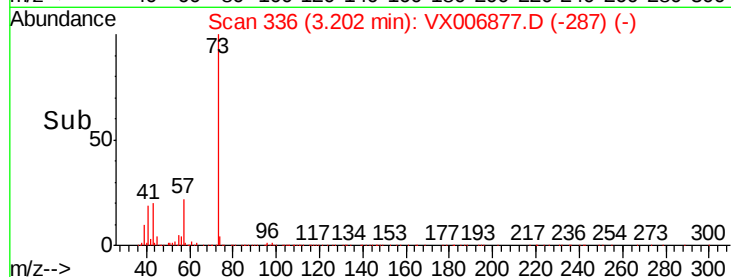
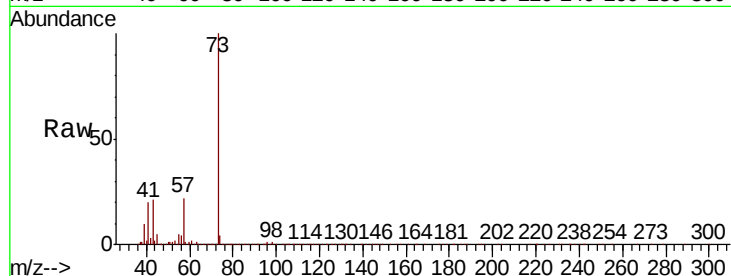
#19
Methvl tert-butvl Ether
Concen: 21.448 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

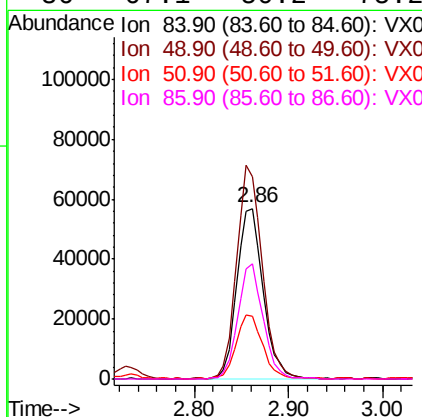
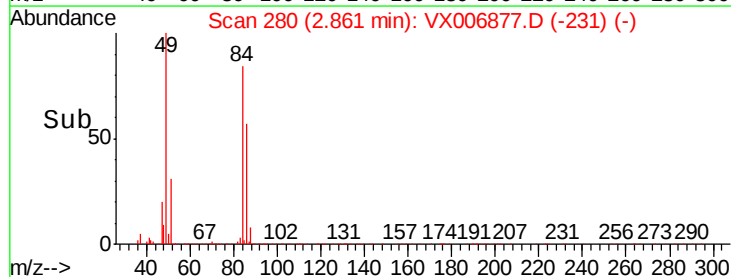
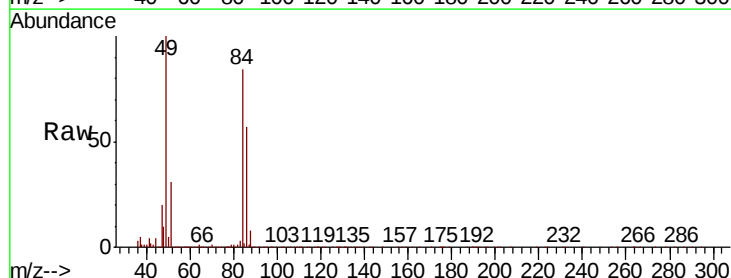
Manual Integrations
APPROVED

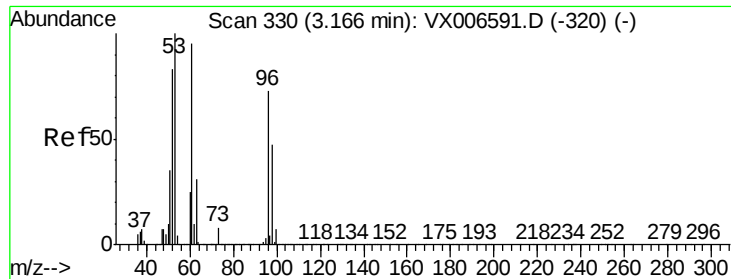
MMDadoda
1/3/2019 9:43:16 AM



#20
Methylene Chloride
Concen: 19.692 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	91.8	137.6
51	36.4	28.5	42.7
86	67.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.260 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

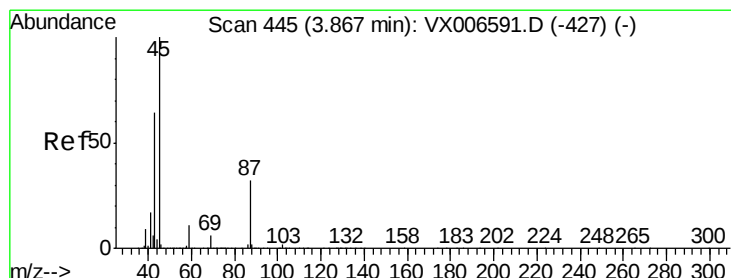
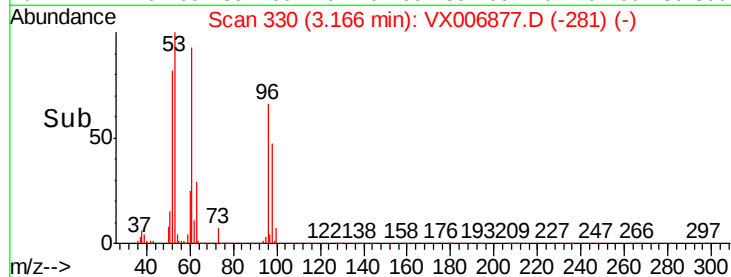
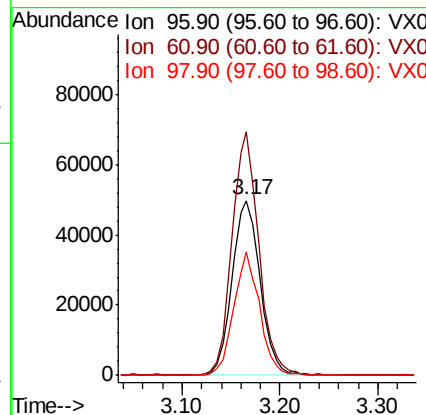
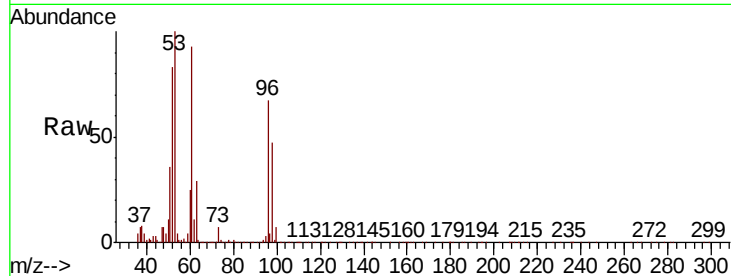
ClientSampleId :

VX0102WBSD01

Tot Ion:	96	Resp:	99528
Ion	Ratio	Lower	Upper
96	100		
61	139.3	103.7	155.5
98	70.8	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#22

Diisopropyl ether

Concen: 21.102 ug/l

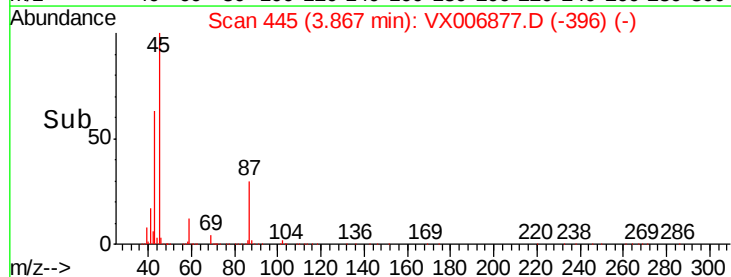
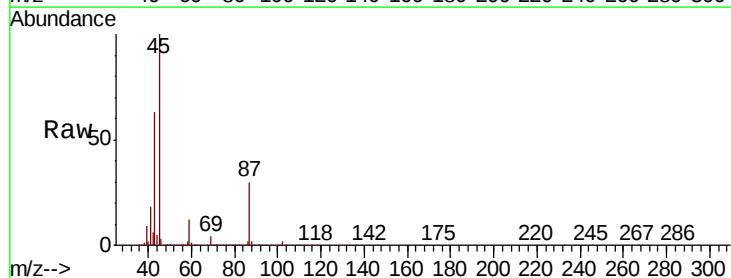
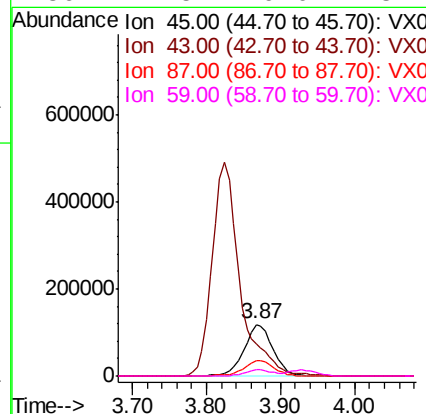
RT: 3.87 min Scan# 445

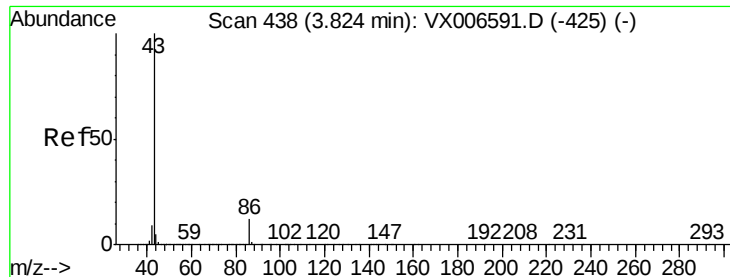
Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	45	Resp:	319653
Ion	Ratio	Lower	Upper
45	100		
43	62.4	51.2	76.8
87	29.8	25.8	38.6
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 102.784 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 43 Resp: 1273586

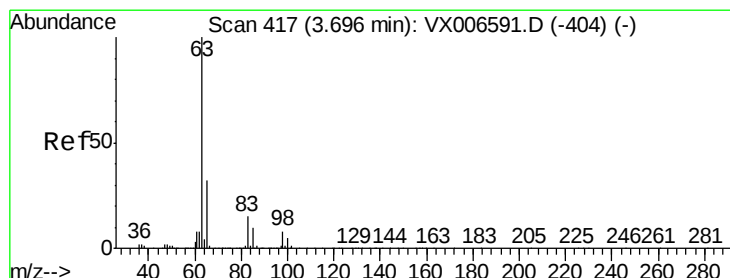
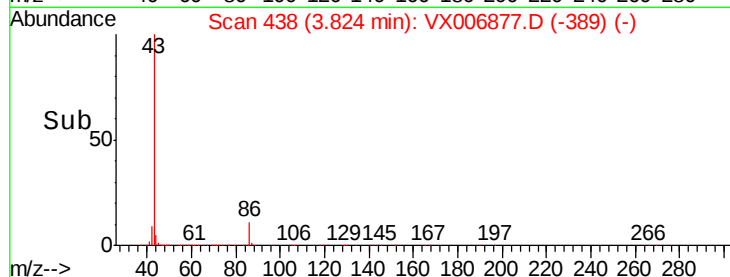
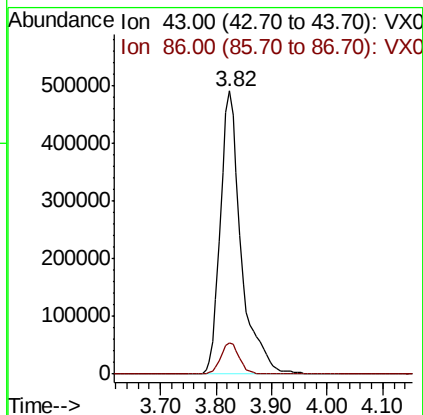
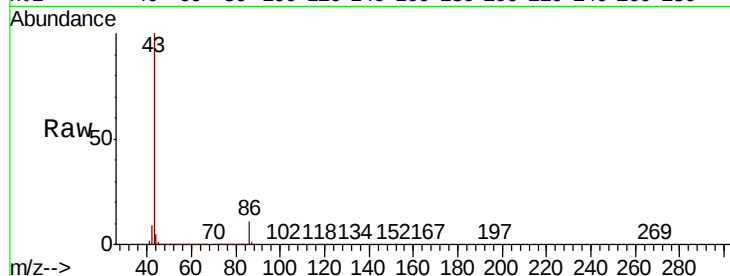
Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#24

1,1-Dichloroethane

Concen: 19.416 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

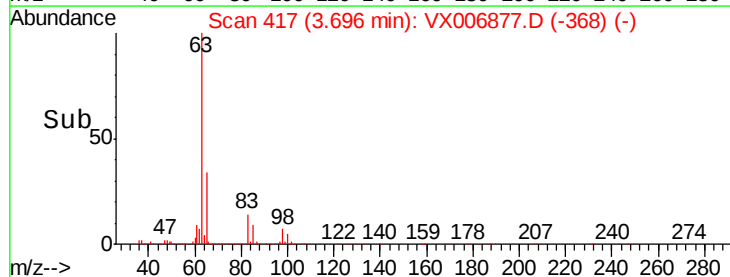
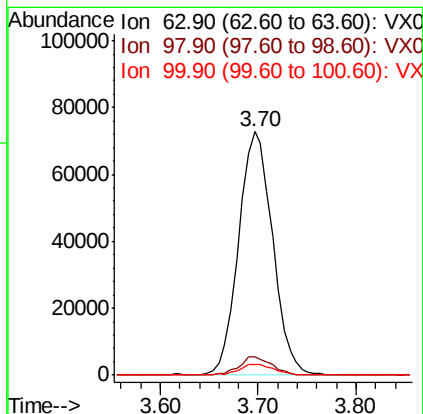
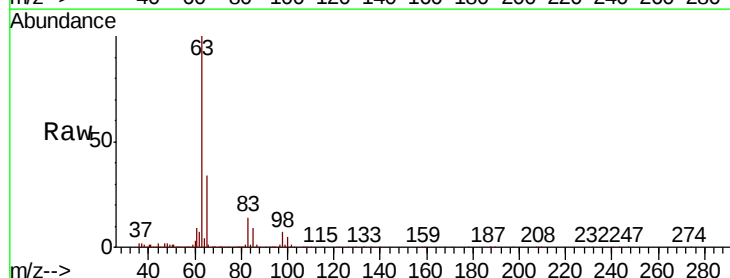
Tgt Ion: 63 Resp: 175577

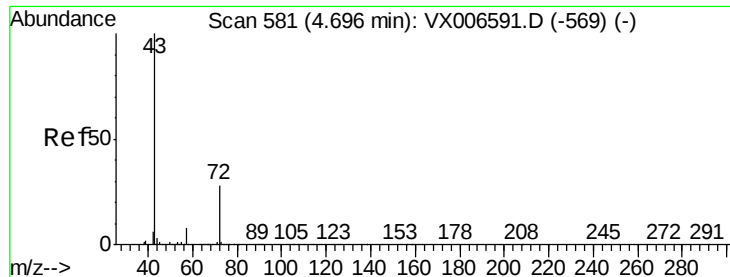
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 99.393 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 43 Resp: 381151

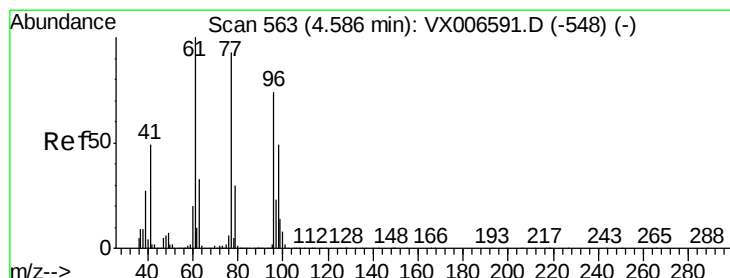
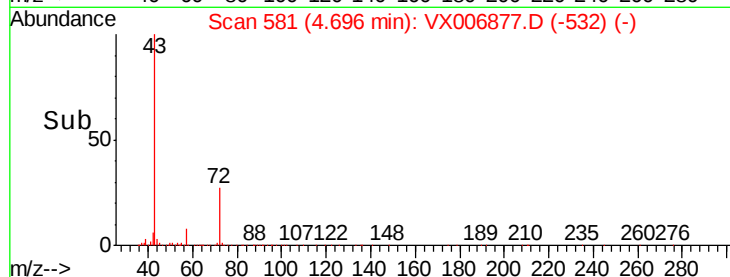
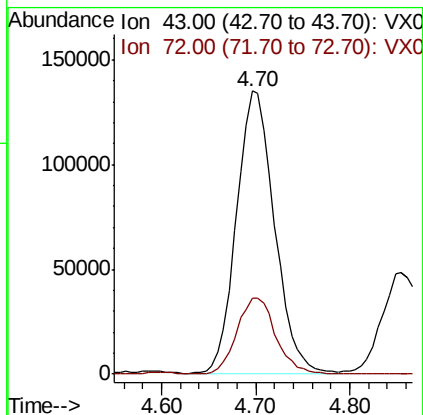
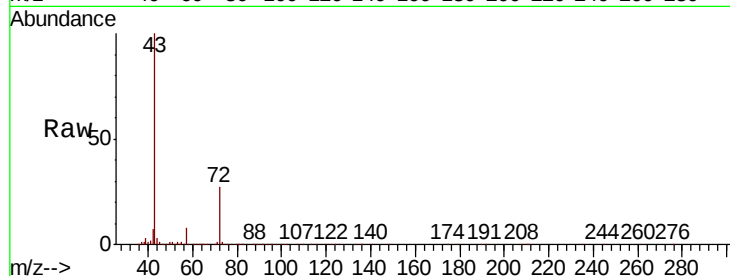
Ion Ratio Lower Upper

43 100

72 26.8 22.4 33.6

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#26

2,2-Dichloropropane

Concen: 19.438 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006877.D

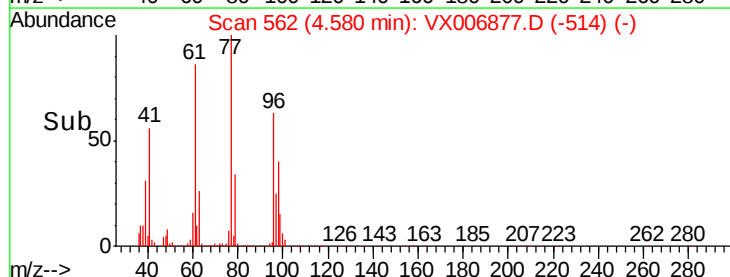
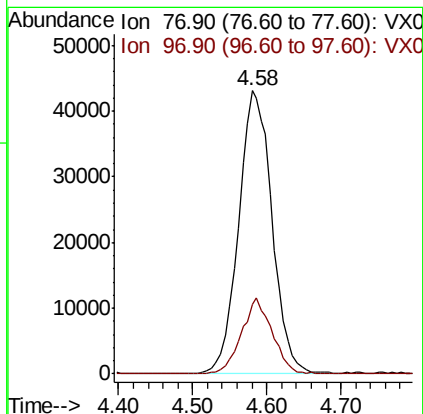
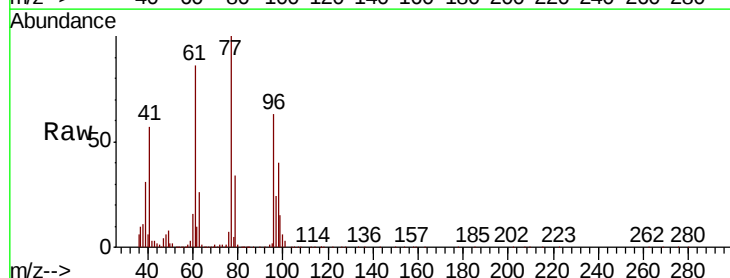
Acq: 02 Jan 2019 13:11

Tgt Ion: 77 Resp: 135779

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4





#27

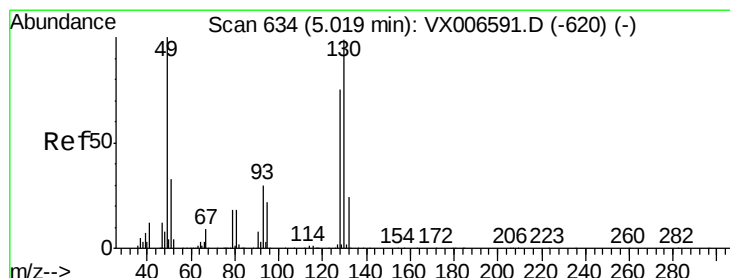
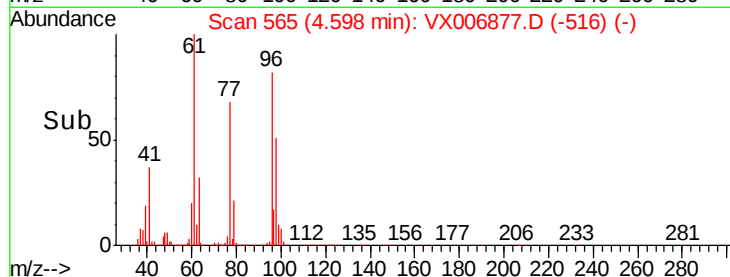
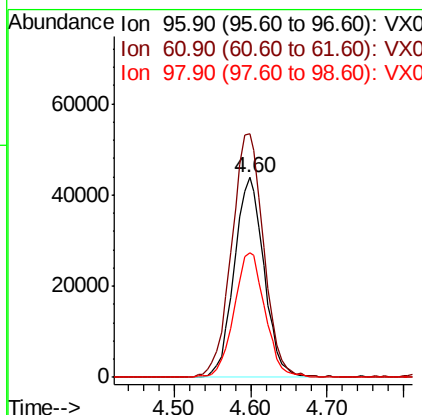
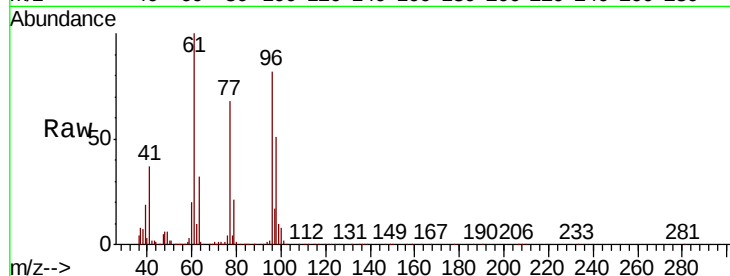
cis-1,2-Dichloroethene
 Concen: 19.747 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	258.6
98	64.4	0.0	132.0

Manual Integrations
 APPROVED

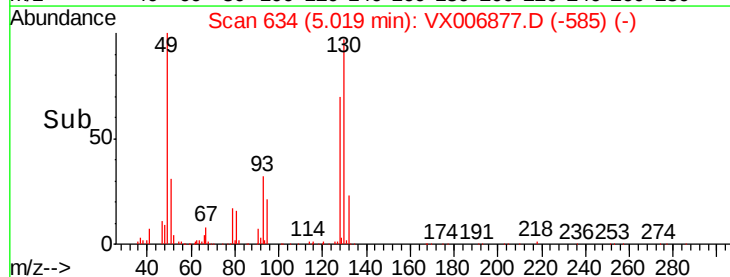
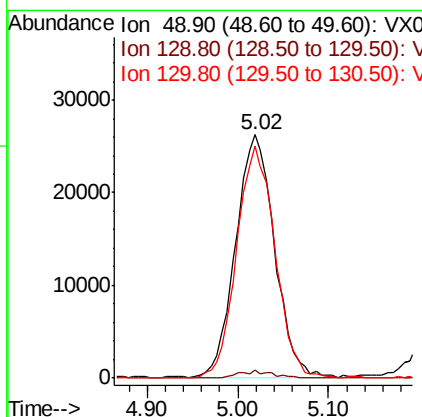
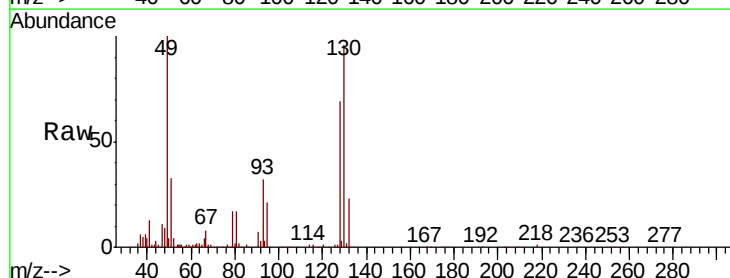
MMDadoda
 1/3/2019 9:43:16 AM

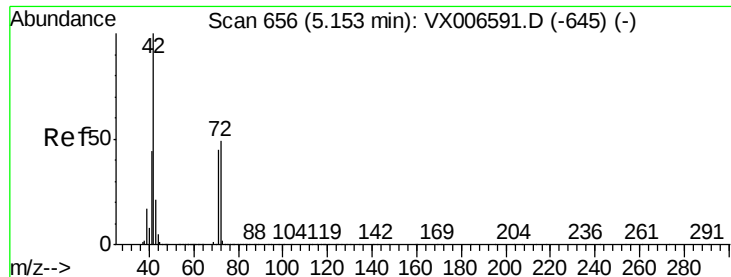


#28

Bromochloromethane
 Concen: 19.396 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	93.8	77.7	116.5





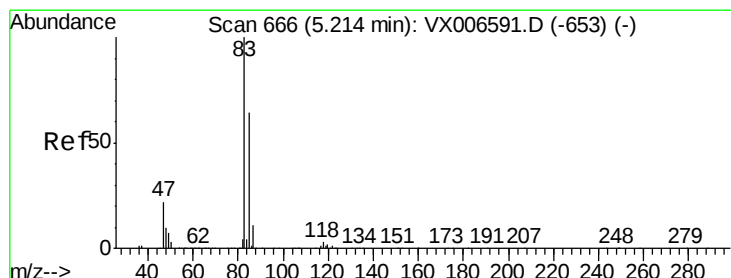
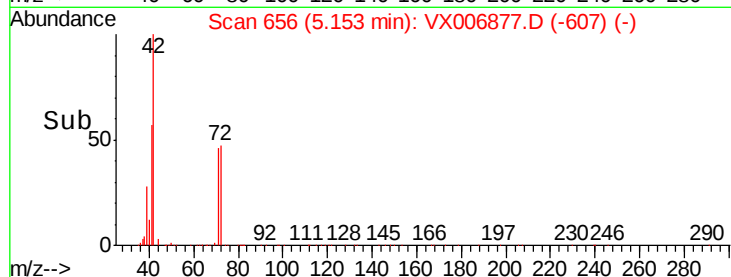
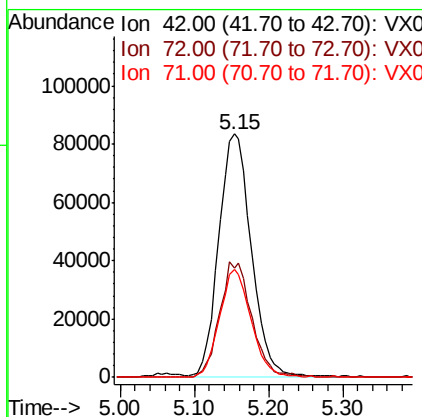
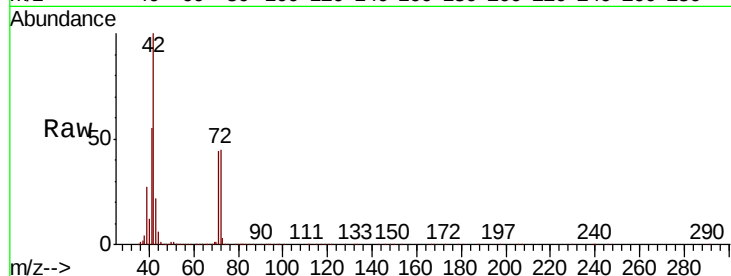
#29
Tetrahydrofuran
Concen: 99.966 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.9	58.3
71	42.7	36.2	54.4

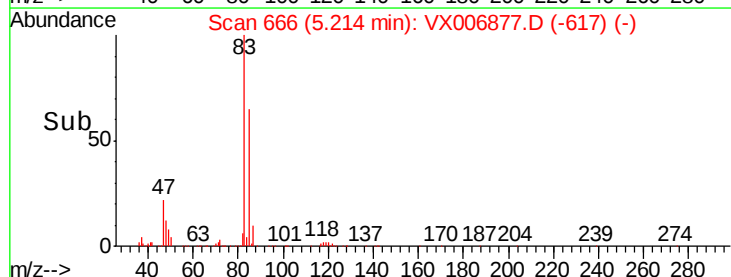
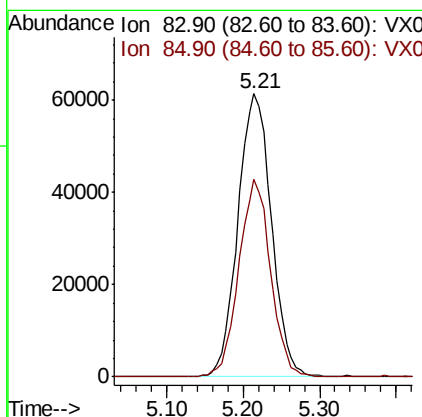
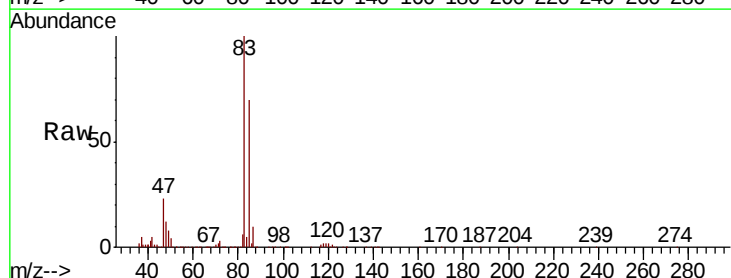
Manual Integrations
APPROVED

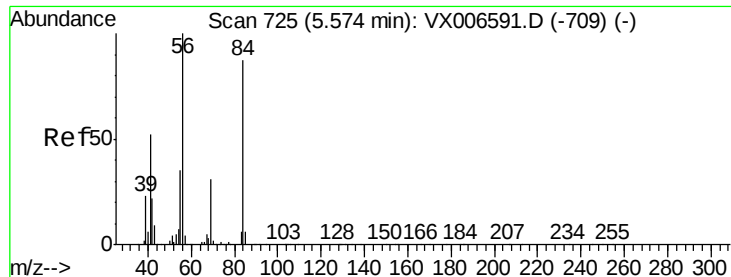
MMDadoda
1/3/2019 9:43:16 AM



#30
Chloroform
Concen: 19.938 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.6	51.2	76.8





#31

Cvclohexane

Concen: 17.396 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

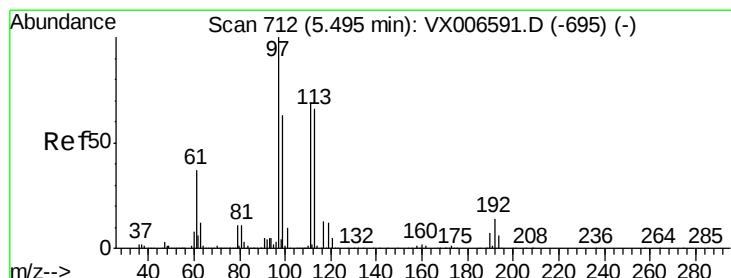
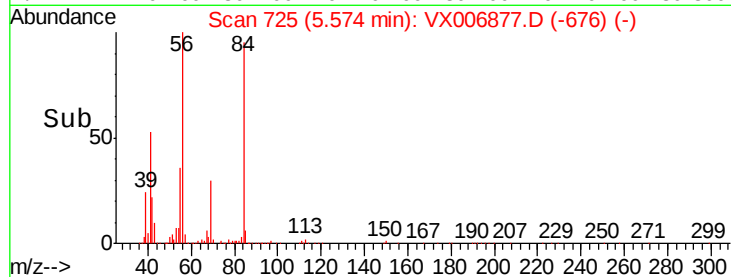
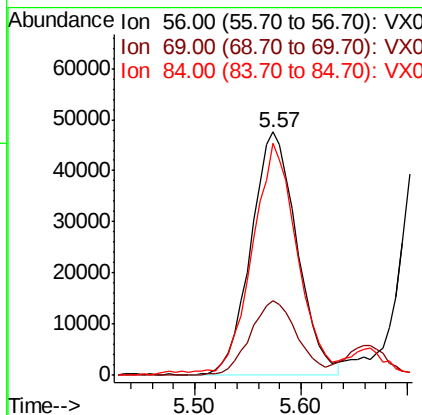
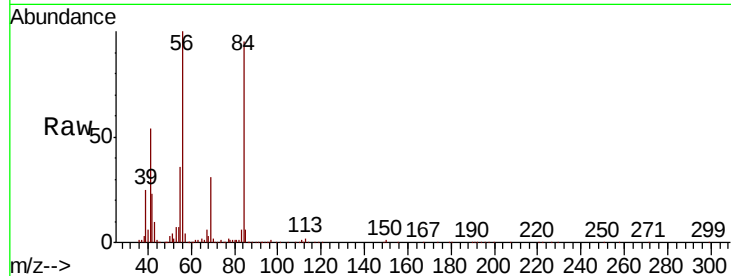
ClientSampleId :

VX0102WBSD01

Tot Ion:	56	Resp:	142911
Ion Ratio	Lower	Upper	
56	100		
69	30.4	24.4	36.6
84	94.0	70.0	105.0

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#32

1,1,1-Trichloroethane

Concen: 19.712 ug/l

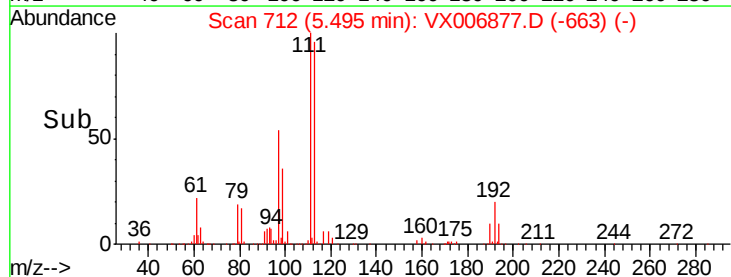
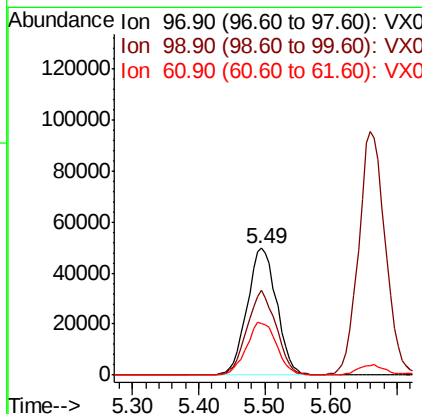
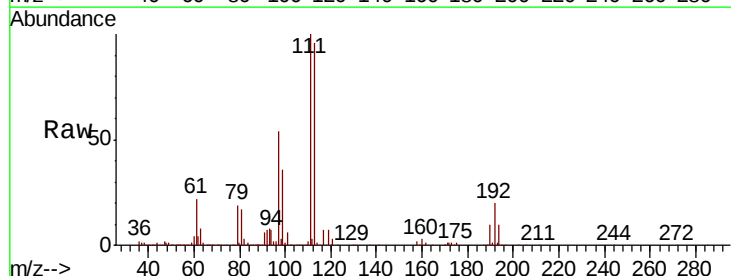
RT: 5.49 min Scan# 712

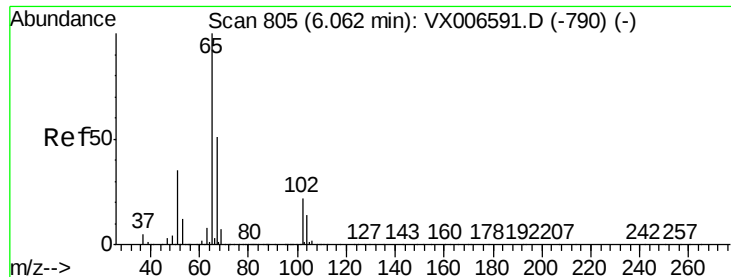
Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	97	Resp:	155867
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.7	77.5
61	41.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.203 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VX0102WBSD01

Tot Ion: 65 Resp: 297903

Ion Ratio Lower Upper

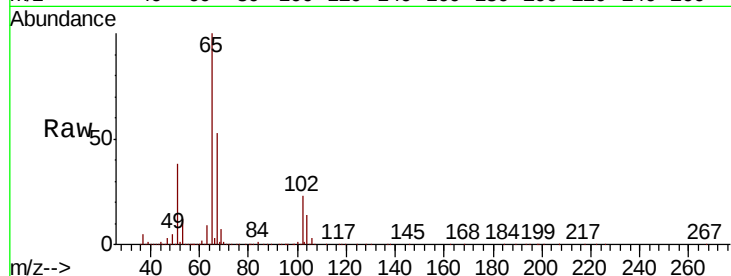
65 100

67 53.1 0.0 105.0

Manual Integrations
APPROVED

MMDadoda

1/3/2019 9:43:16 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

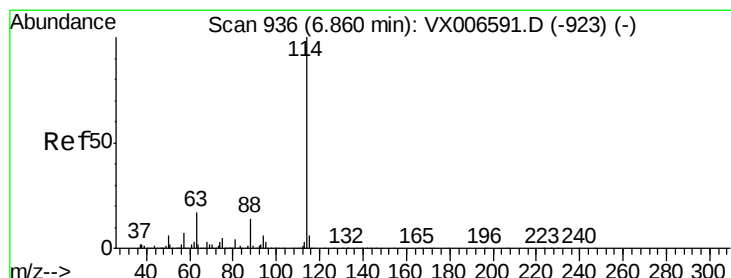
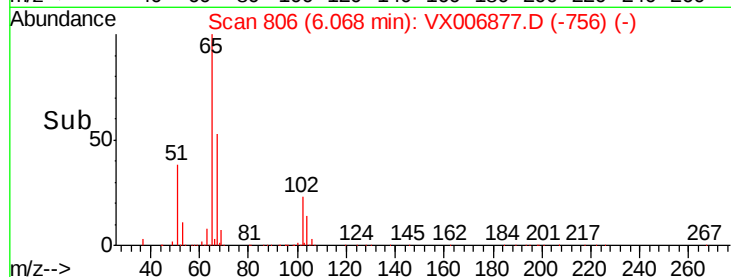
6.07

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

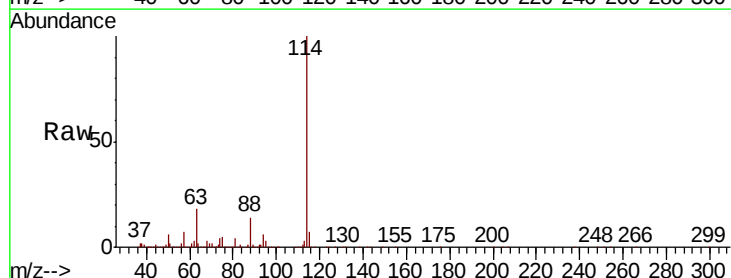
Tgt Ion: 114 Resp: 809099

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 14.2 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

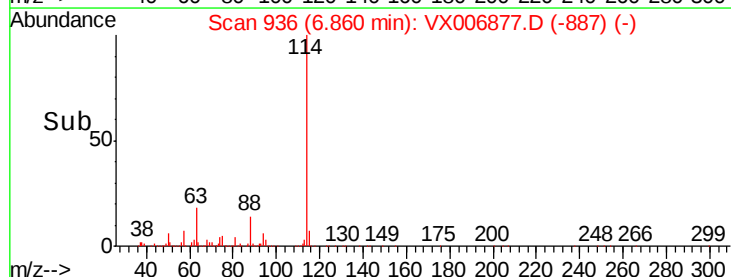
300000

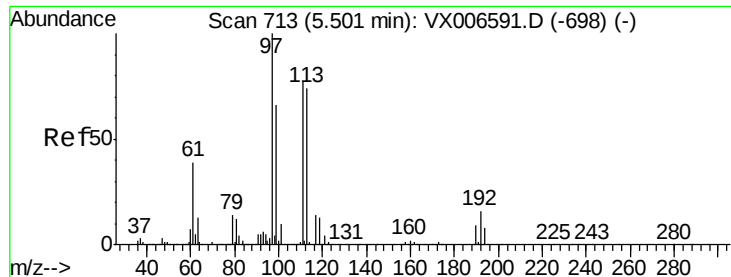
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.856 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

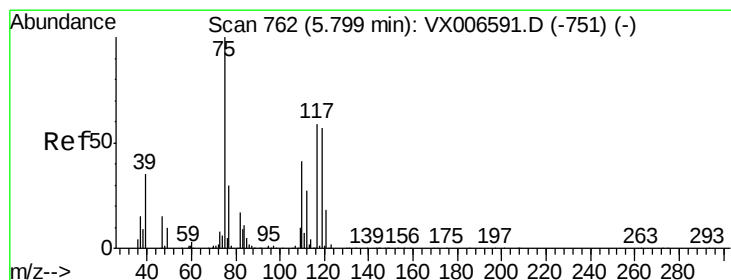
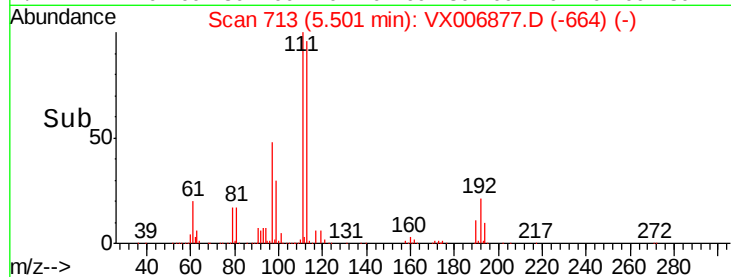
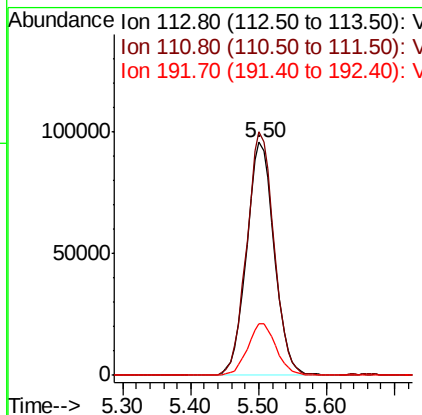
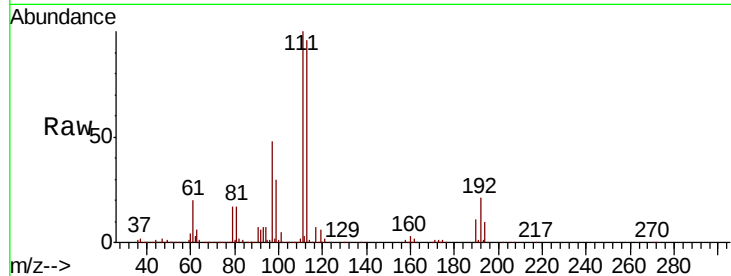
ClientSampled :

VX0102WBSD01

Tot Ion:	113	Resp:	270445
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.6	122.4
192	22.8	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#36

1,1-Dichloropropene

Concen: 19.049 ug/l

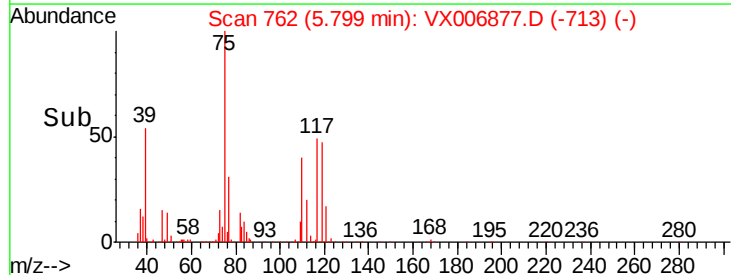
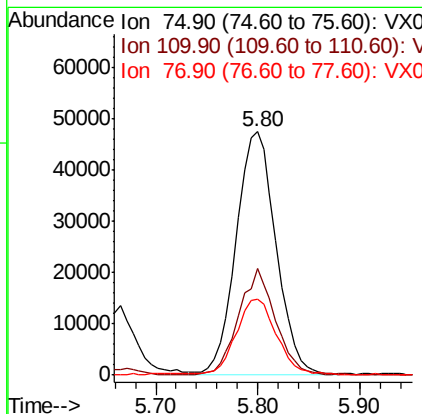
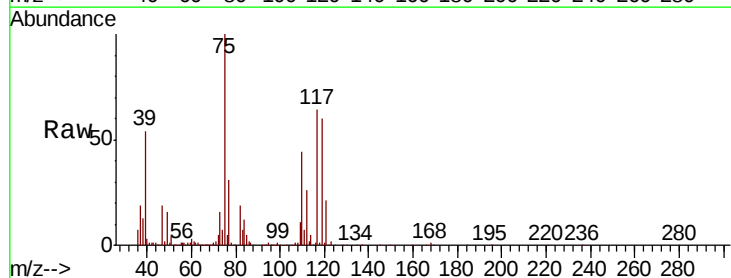
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	75	Resp:	127649
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.2	60.5
77	31.6	24.8	37.2





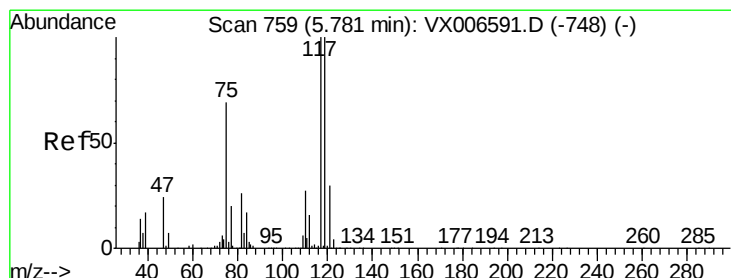
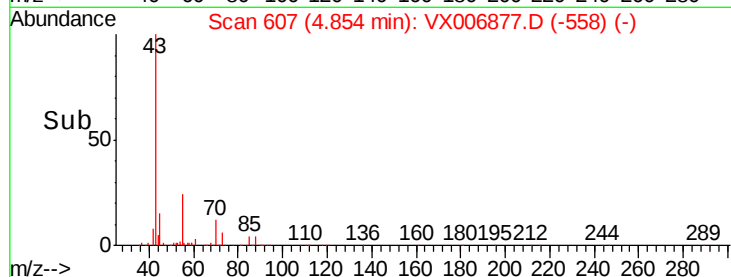
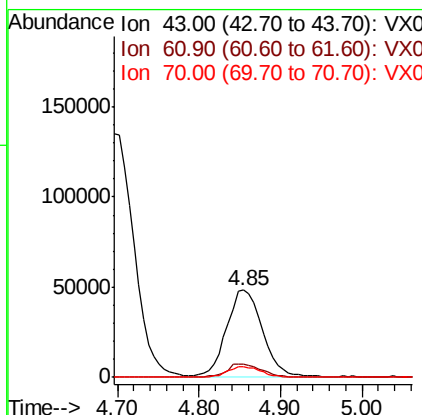
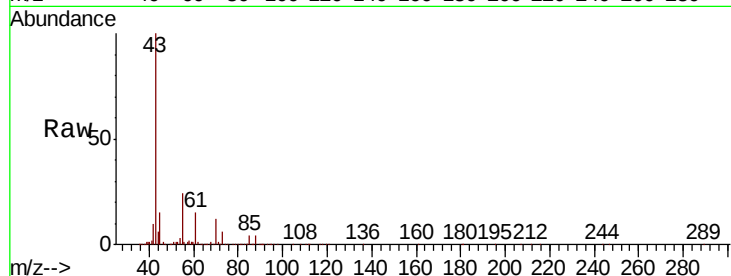
#37
Ethyl Acetate
Concen: 20.866 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	43	Resp	145538
Ion Ratio	Lower	Upper	
43	100		
61	14.8	11.9	17.9
70	11.5	9.7	14.5

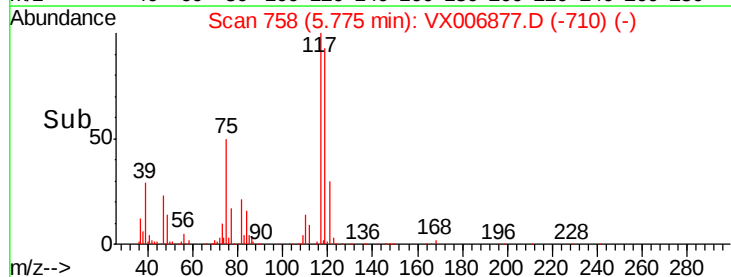
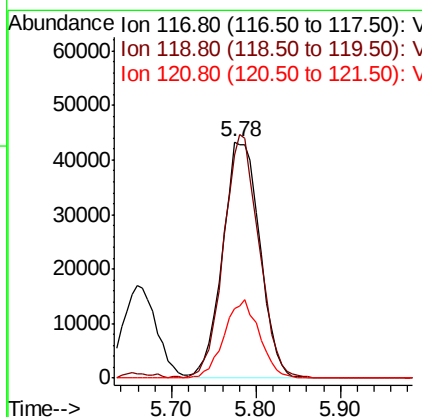
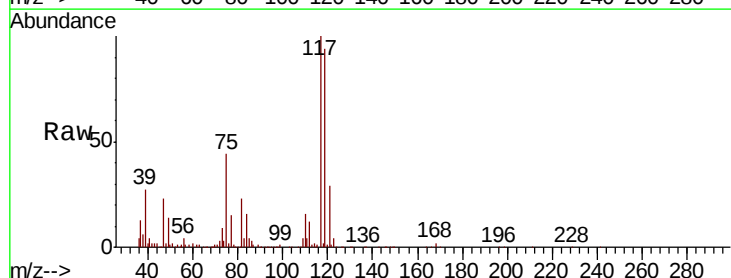
Manual Integrations
APPROVED

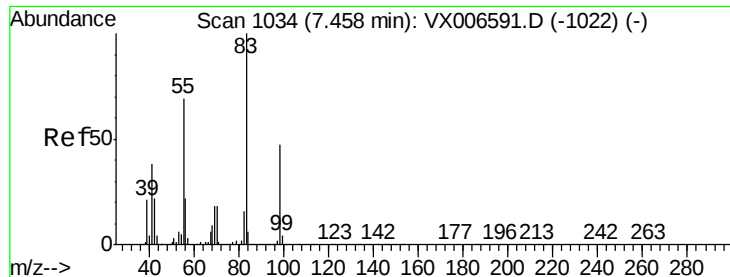
MMDadoda
1/3/2019 9:43:16 AM



#38
Carbon Tetrachloride
Concen: 20.016 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	117	Resp	130353
Ion Ratio	Lower	Upper	
117	100		
119	94.2	79.4	119.2
121	29.2	24.0	36.0





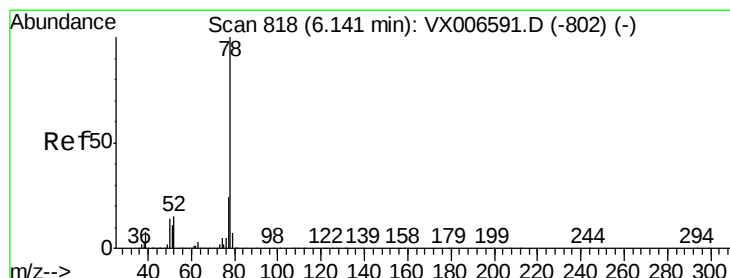
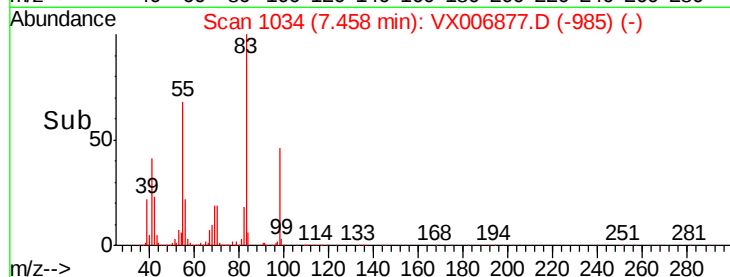
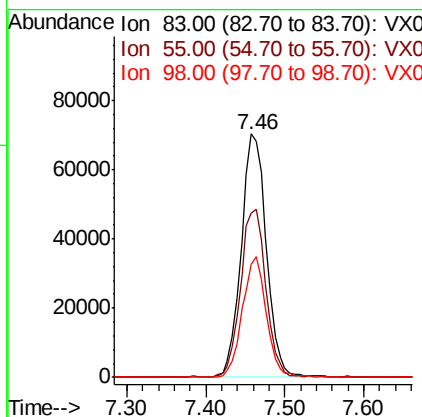
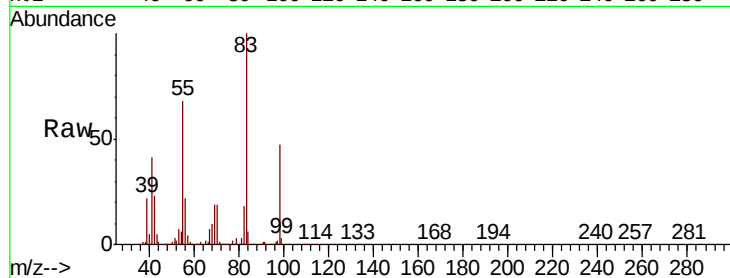
#39
Methvlcvclohexane
Concen: 17.783 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.4	54.9	82.3
98	46.5	37.9	56.9

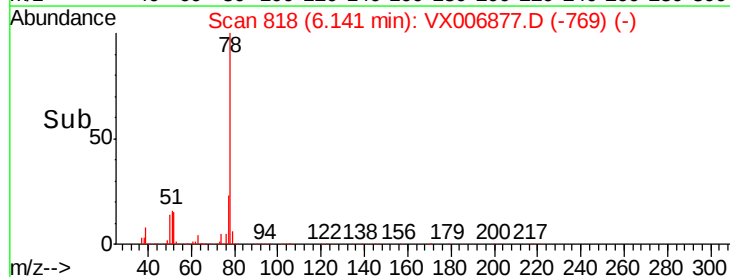
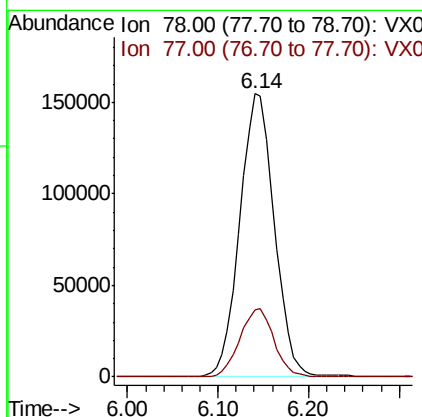
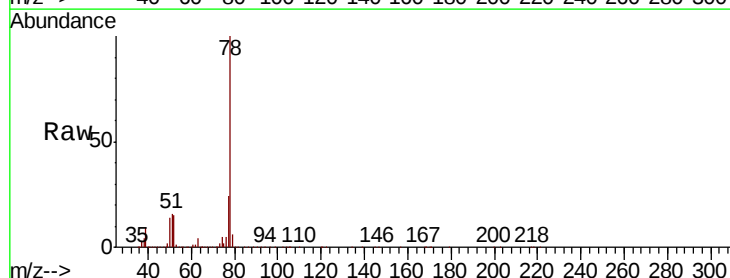
Manual Integrations
APPROVED

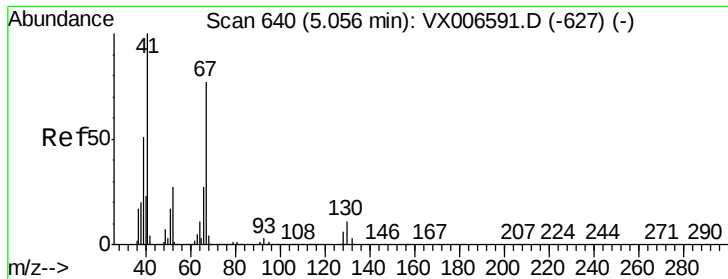
MMDadoda
1/3/2019 9:43:16 AM



#40
Benzene
Concen: 20.027 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 21.802 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

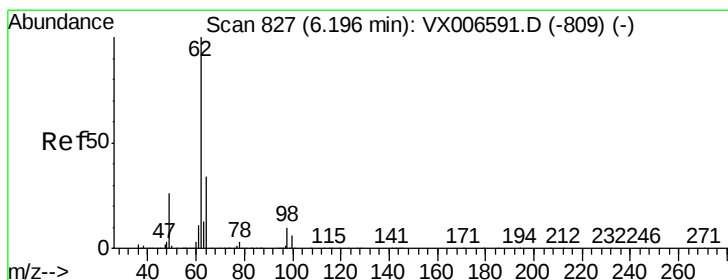
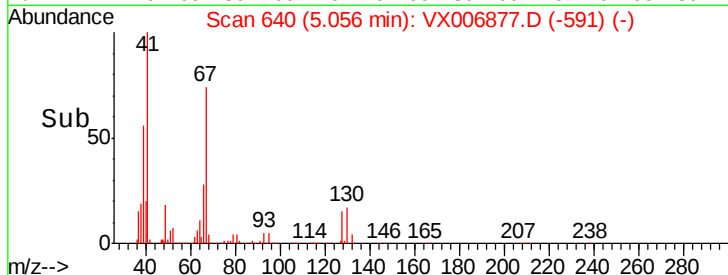
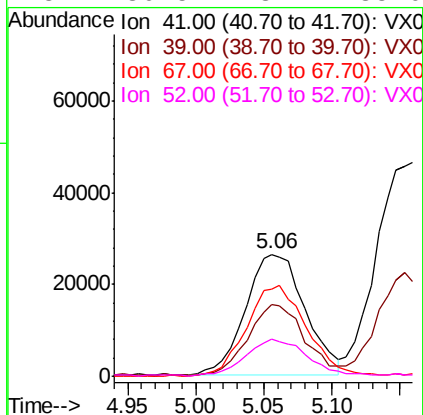
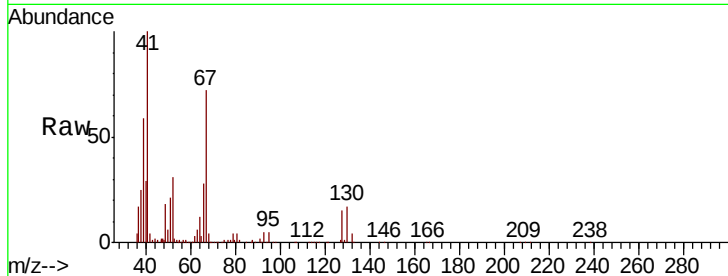
ClientSampleId :

VX0102WBSD01

Tot Ion:	41	Resp:	80735
Ion	Ratio	Lower	Upper
41	100		
39	56.4	42.8	64.2
67	75.5	62.1	93.1
52	30.5	23.4	35.0

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#42

1,2-Dichloroethane

Concen: 20.226 ug/l

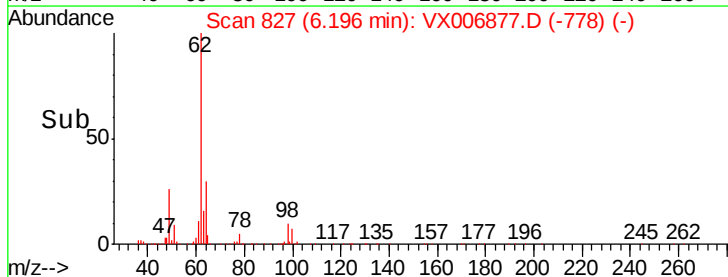
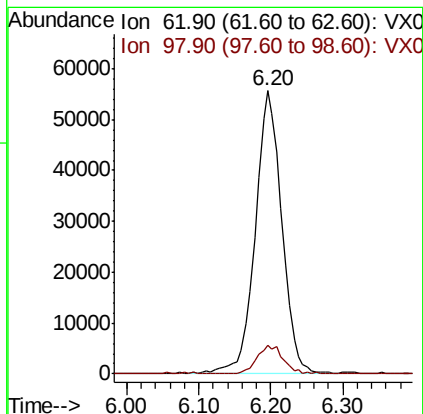
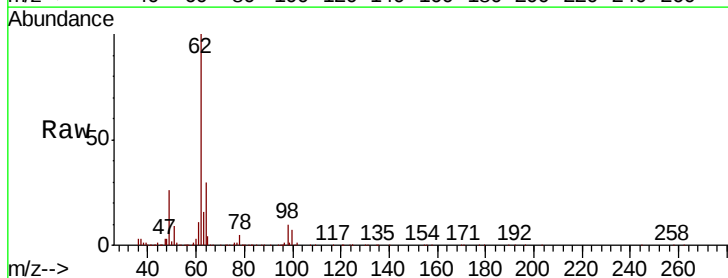
RT: 6.20 min Scan# 827

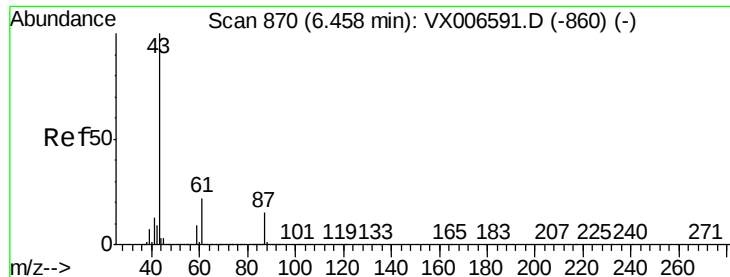
Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	62	Resp:	140388
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

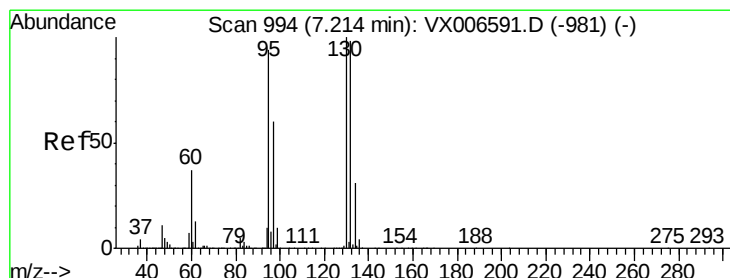
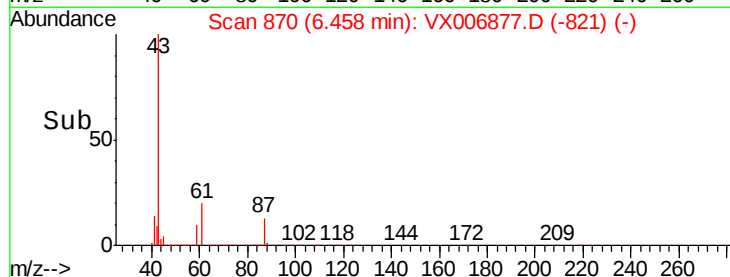
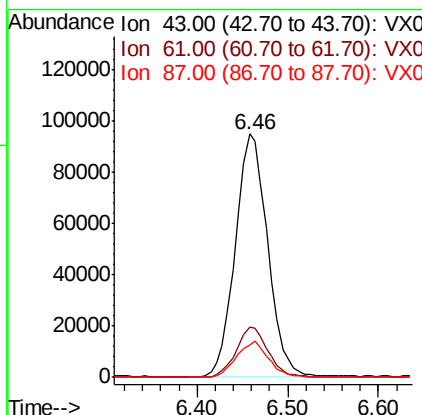
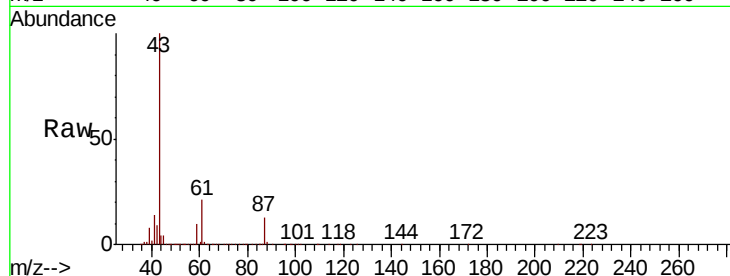
Isopropyl Acetate
 Concen: 22.149 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.6	12.4	18.6

Manual Integrations
 APPROVED

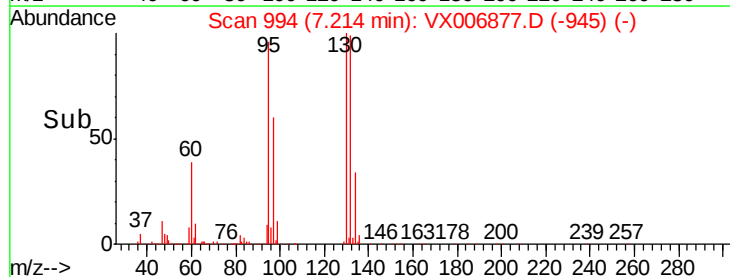
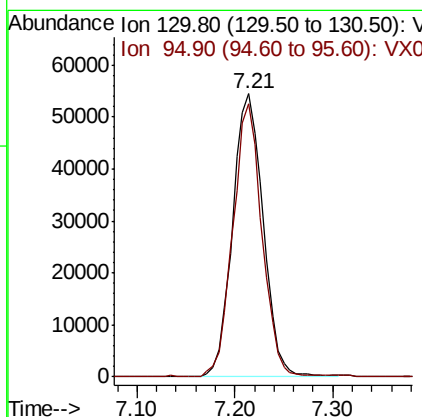
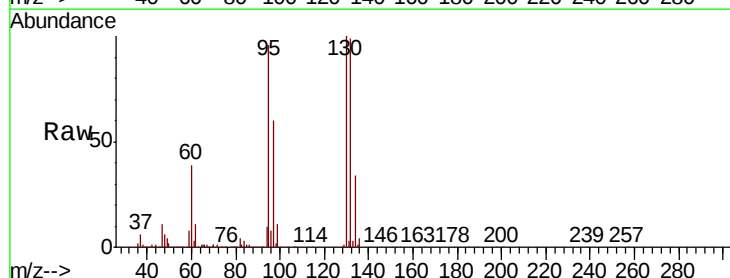
MMDadoda
 1/3/2019 9:43:16 AM



#44

Trichloroethene
 Concen: 19.164 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	187.0





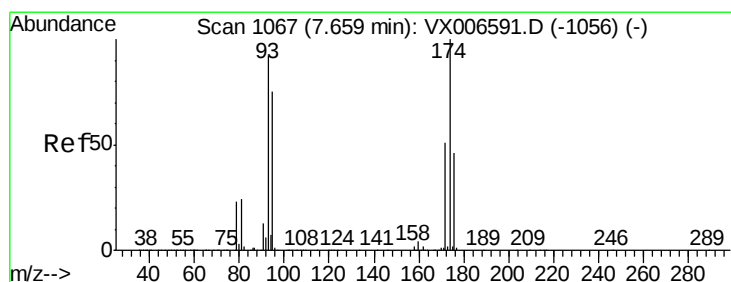
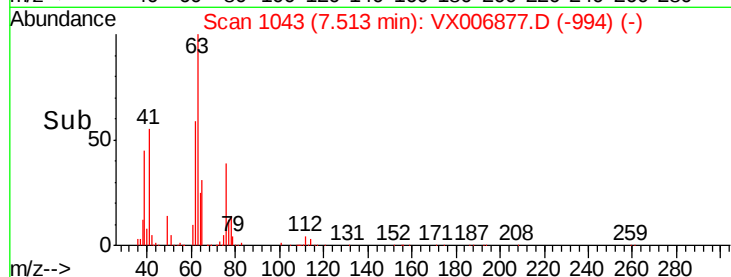
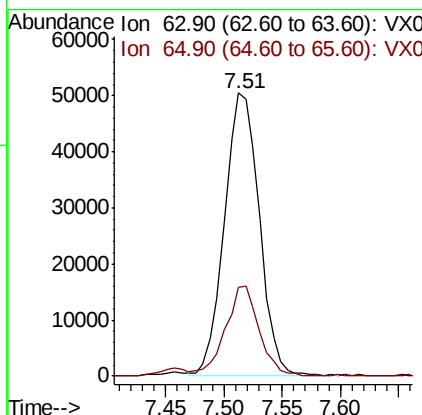
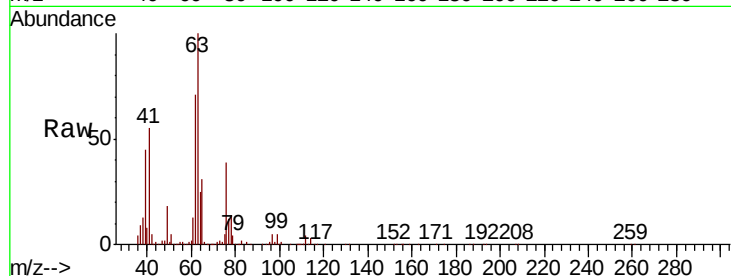
#45
 1,2-Dichloropropane
 Concen: 21.001 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.4	38.0

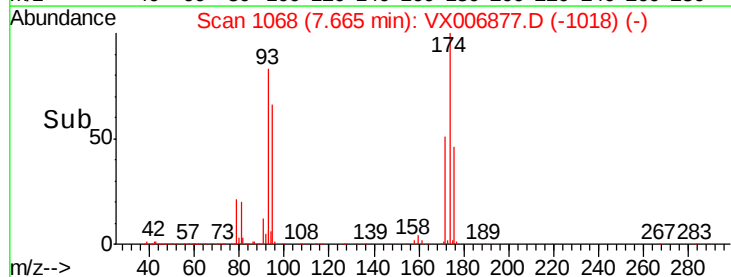
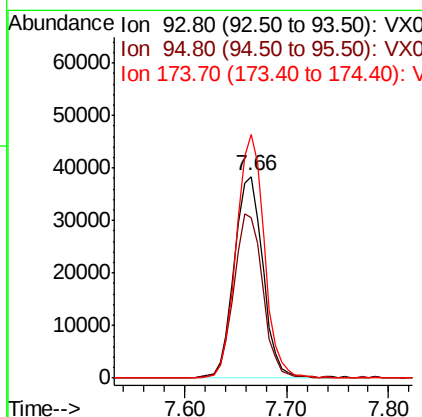
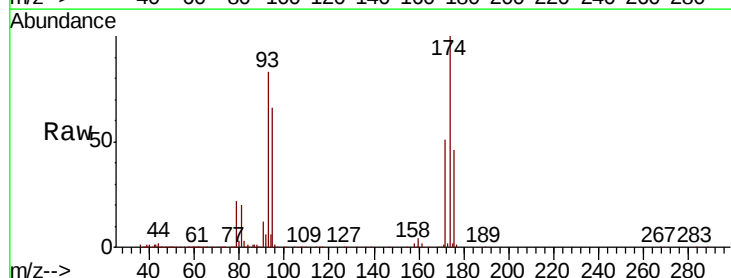
Manual Integrations
 APPROVED

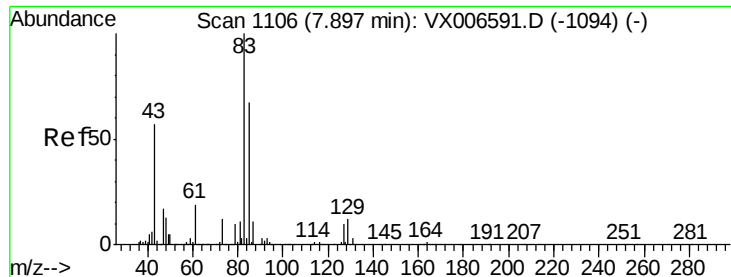
MMDadoda
 1/3/2019 9:43:16 AM



#46
 Dibromomethane
 Concen: 20.595 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	66.2	99.4
174	117.0	91.0	136.4





#47

Bromodichloromethane

Concen: 20.339 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

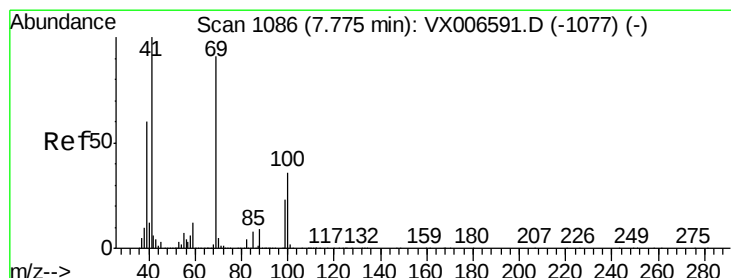
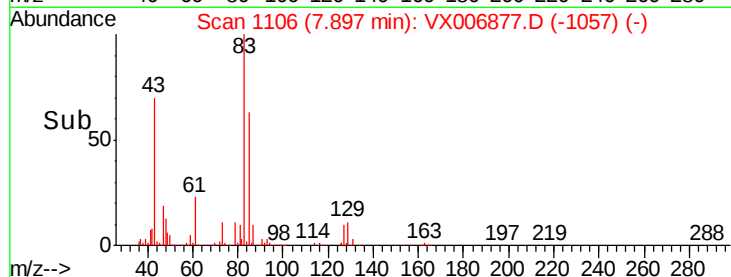
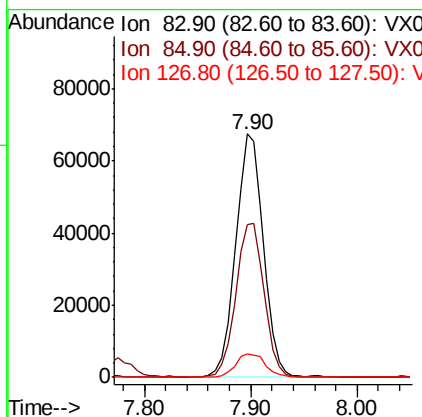
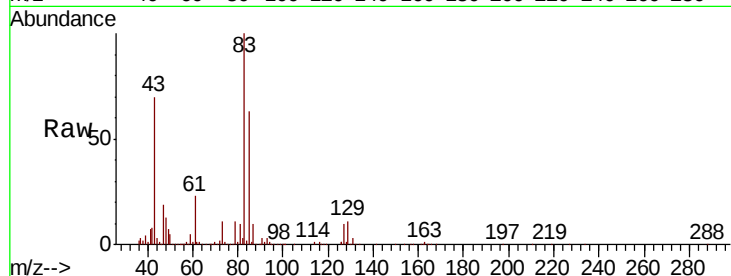
ClientSampleId :

VX0102WBSD01

Tot Ion:	83	Resp:	123117
Ion Ratio	Lower	Upper	
83	100		
85	62.3	53.2	79.8
127	9.8	7.8	11.6

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#48

Methyl methacrylate

Concen: 21.943 ug/l

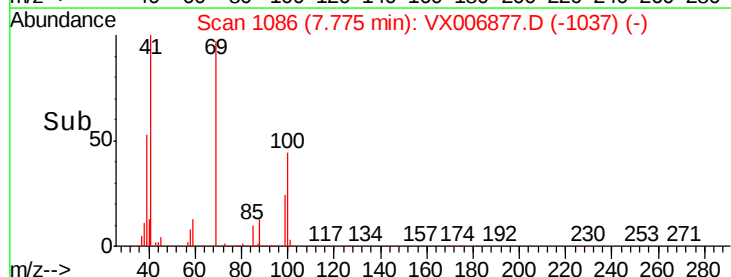
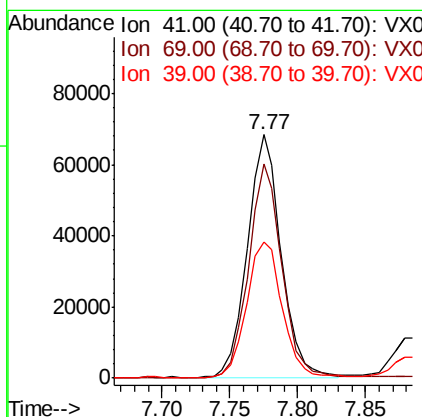
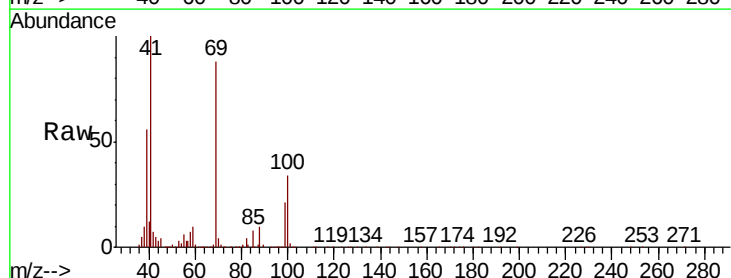
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	41	Resp:	118422
Ion Ratio	Lower	Upper	
41	100		
69	87.4	72.4	108.6
39	60.1	45.8	68.8





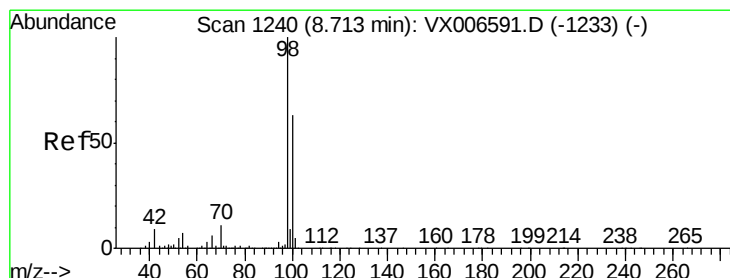
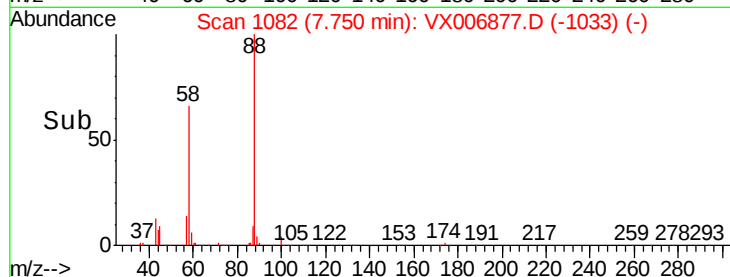
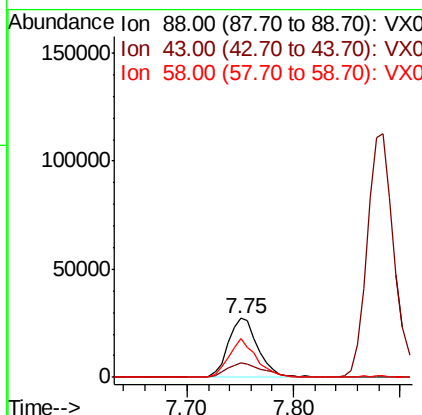
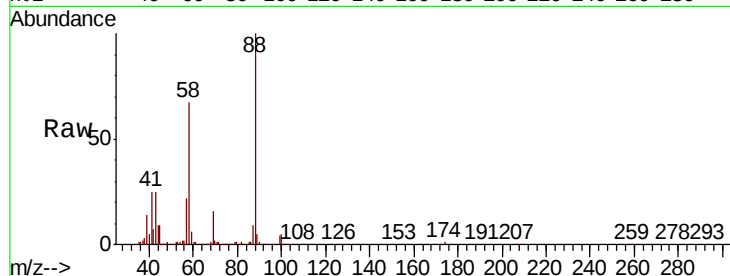
#49
1,4-Dioxane
Concen: 368.460 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	22.2	33.4
58	61.6	51.0	76.4

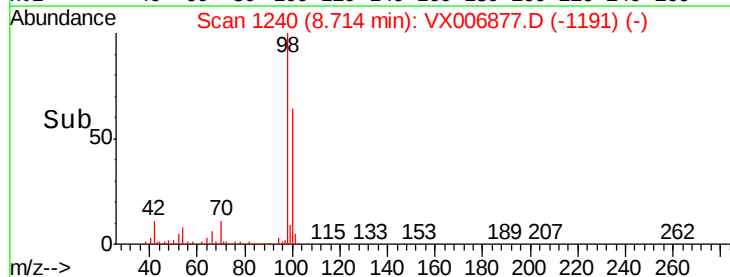
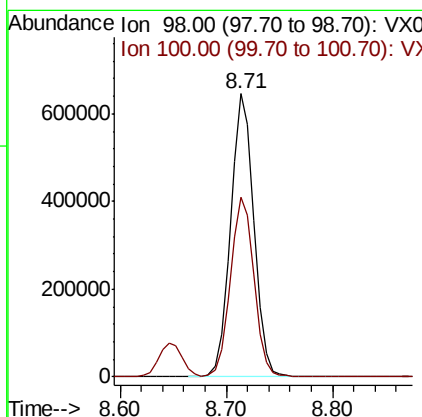
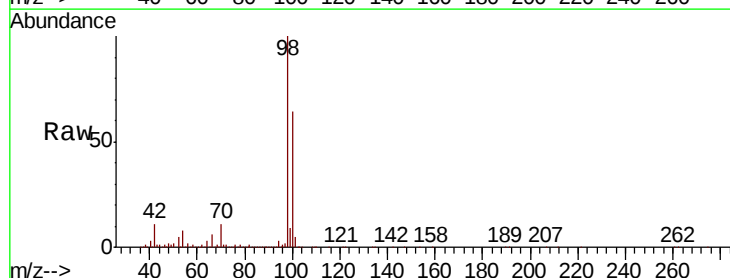
Manual Integrations
APPROVED

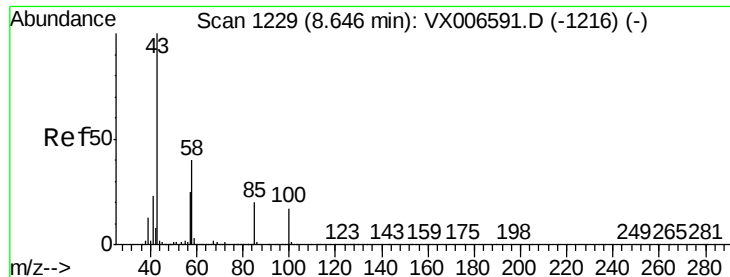
MMDadoda
1/3/2019 9:43:16 AM



#50
Toluene-d8
Concen: 51.306 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 111.159 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 43 Resp: 750584

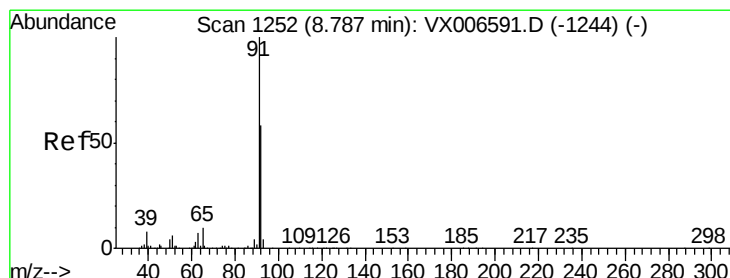
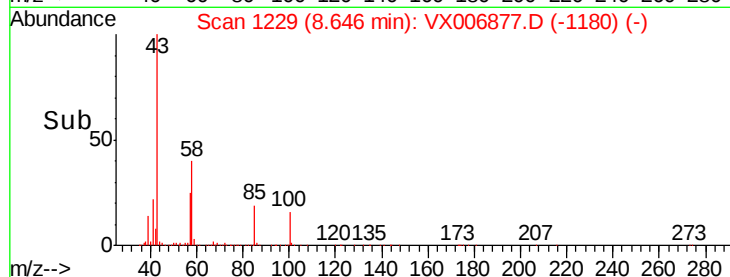
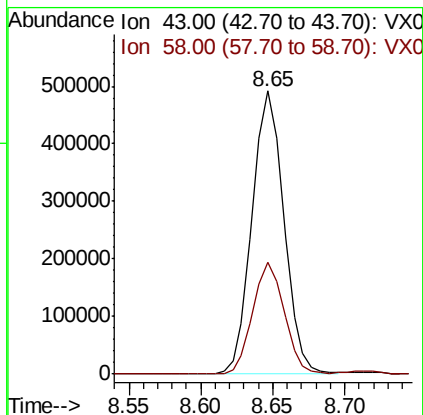
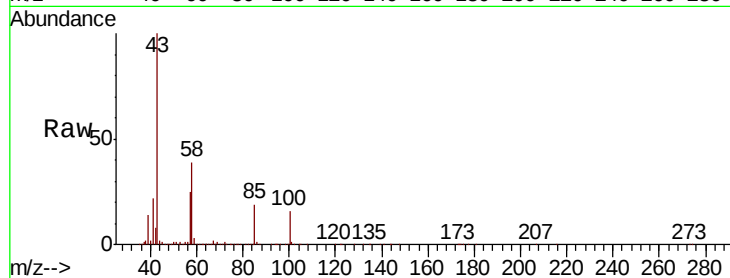
Ion Ratio Lower Upper

43 100

58 39.2 31.8 47.6

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#52

Toluene

Concen: 20.191 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006877.D

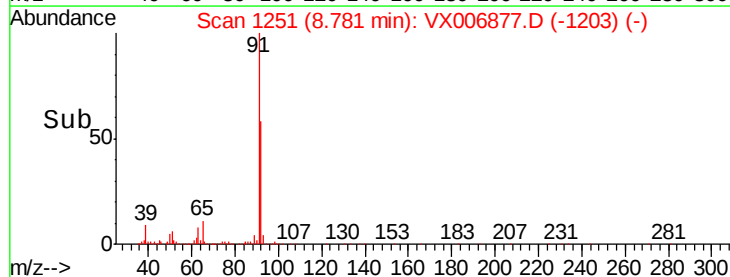
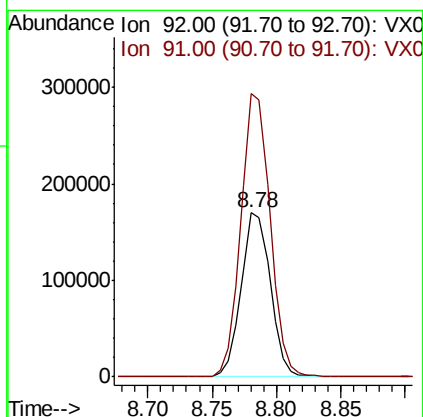
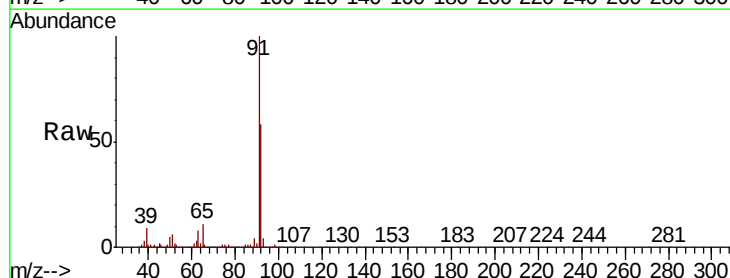
Acq: 02 Jan 2019 13:11

Tgt Ion: 92 Resp: 265703

Ion Ratio Lower Upper

92 100

91 174.0 137.6 206.4





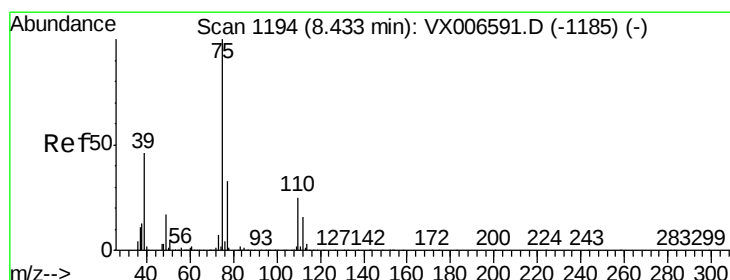
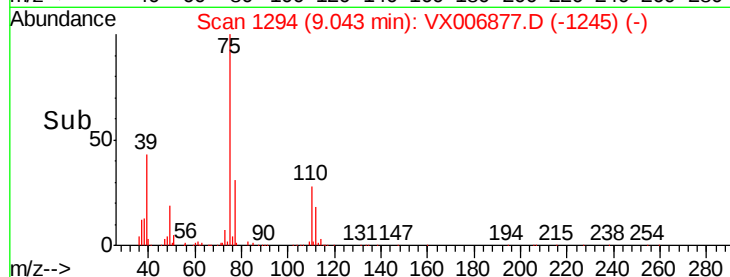
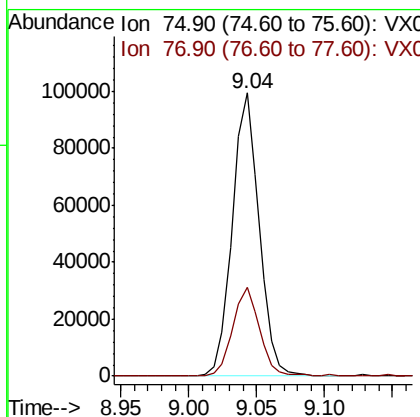
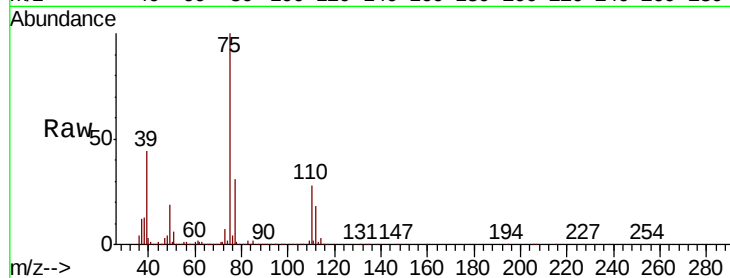
#53
t-1,3-Dichloropropene
Concen: 21.023 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0

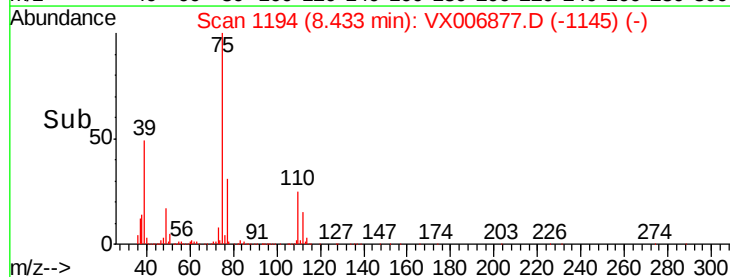
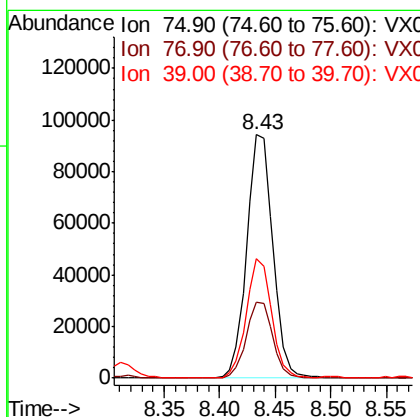
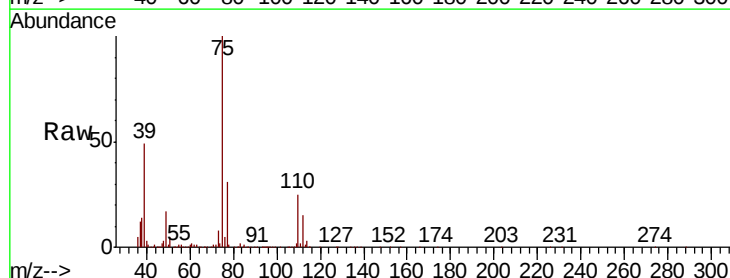
Manual Integrations
APPROVED

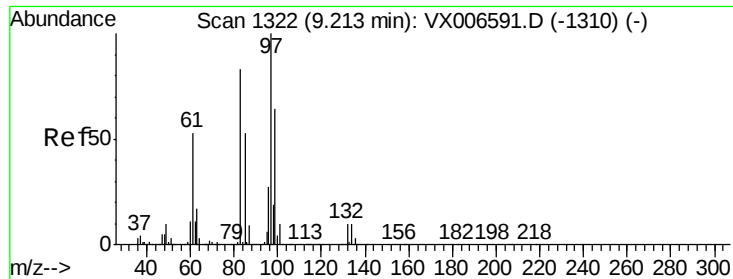
MMDadoda
1/3/2019 9:43:16 AM



#54
cis-1,3-Dichloropropene
Concen: 21.612 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.2
39	48.7	36.7	55.1





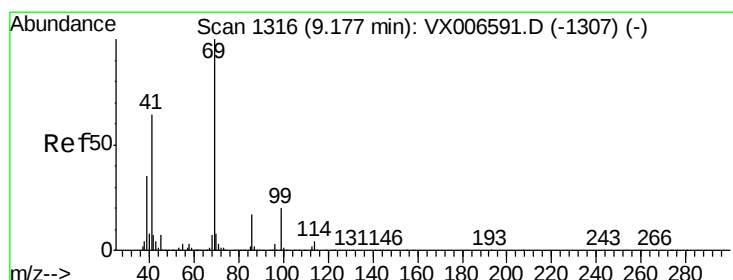
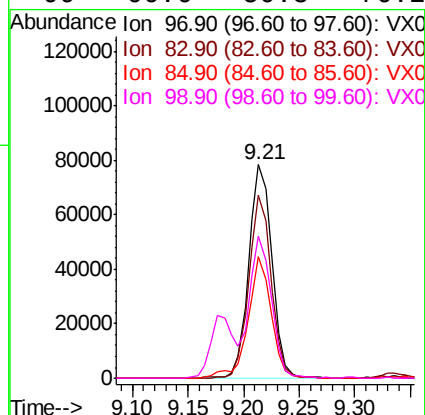
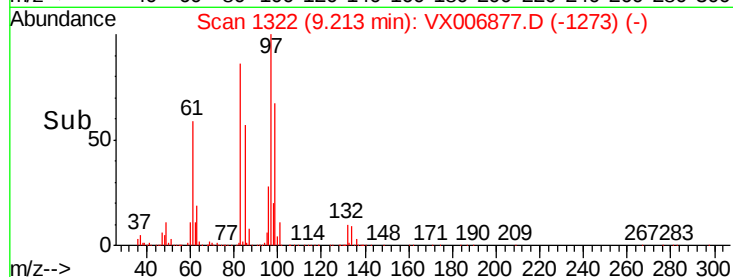
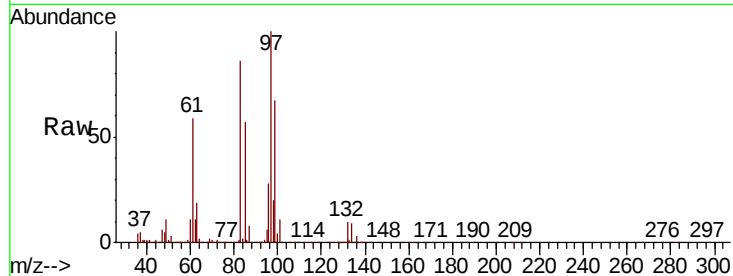
#55
1,1,2-Trichloroethane
Concen: 21.118 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		113752		
83	85.8	66.6	99.8		
85	56.9	42.7	64.1		
99	66.6	50.8	76.2		

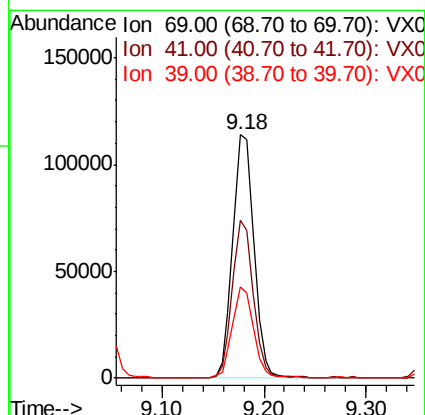
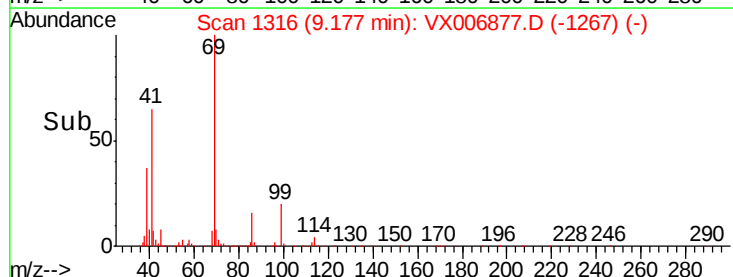
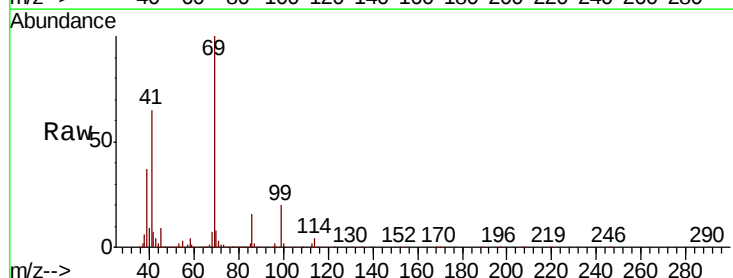
Manual Integrations
APPROVED

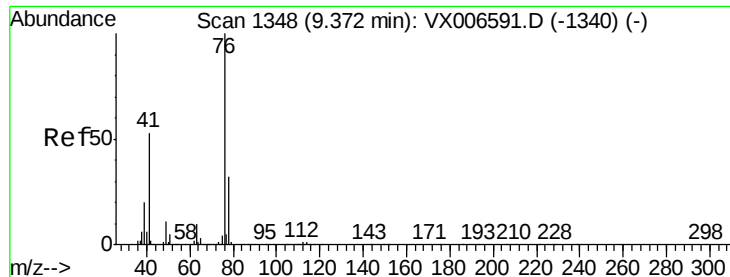
MMDadoda
1/3/2019 9:43:16 AM



#56
Ethyl methacrylate
Concen: 21.641 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		164753		
41	63.4	48.7	73.1		
39	36.8	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 20.999 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 76 Resp: 181977

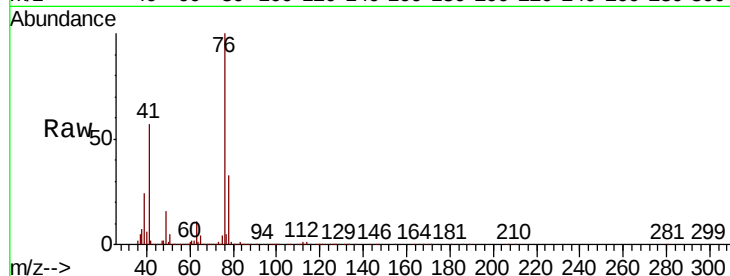
Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0

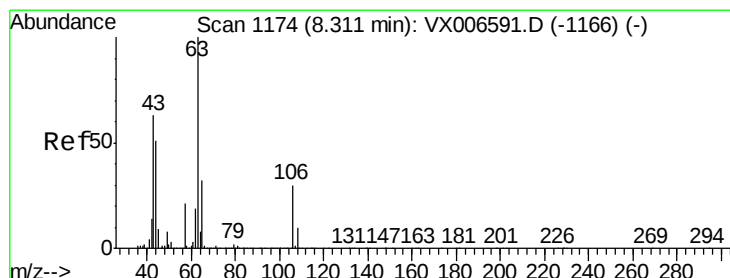
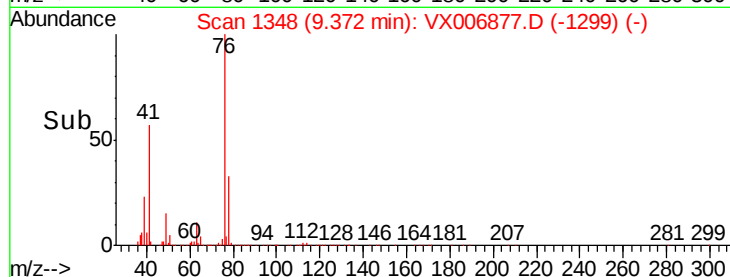
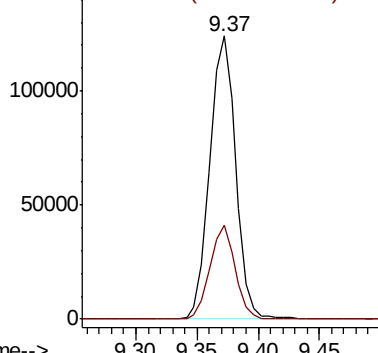
Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.726 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006877.D

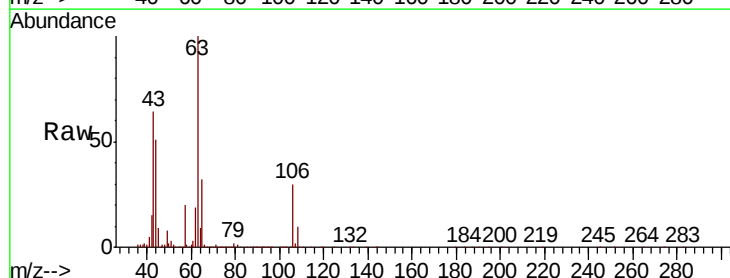
Acq: 02 Jan 2019 13:11

Tgt Ion: 63 Resp: 435949

Ion Ratio Lower Upper

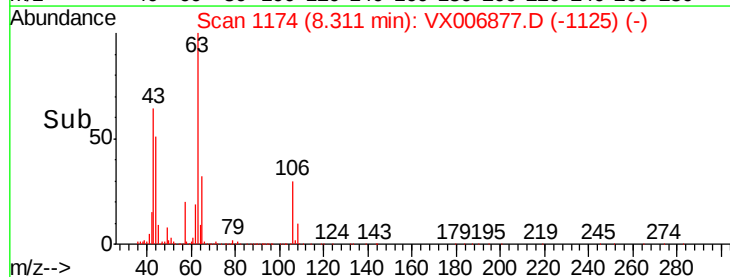
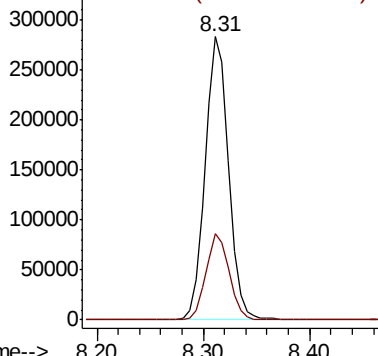
63 100

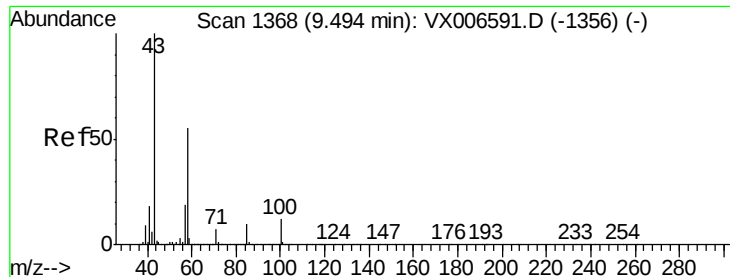
106 30.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





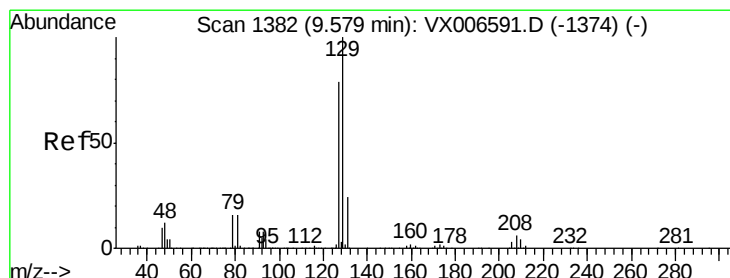
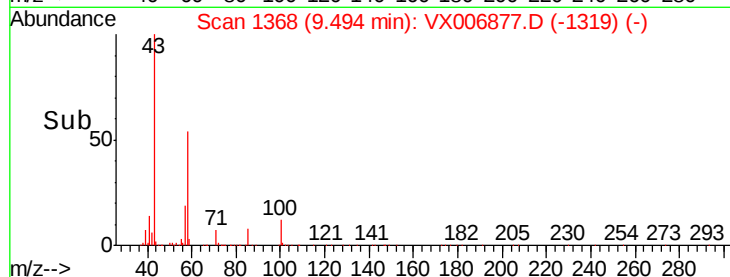
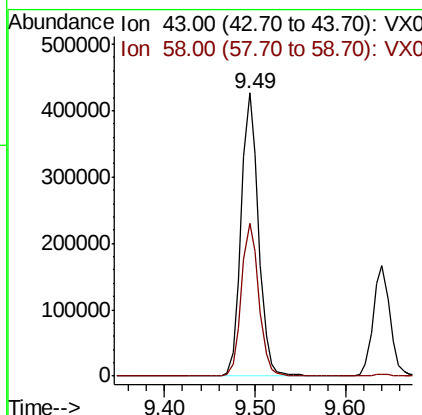
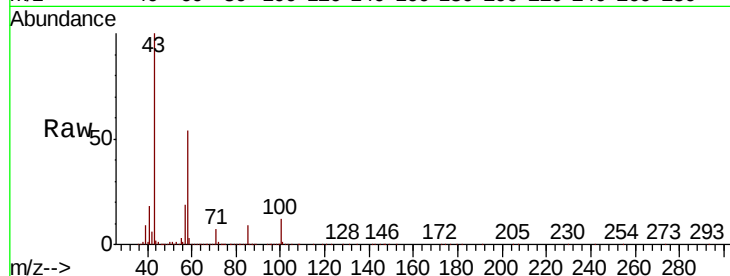
#59
2-Hexanone
Concen: 109.309 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion: 43 Resp: 564724
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

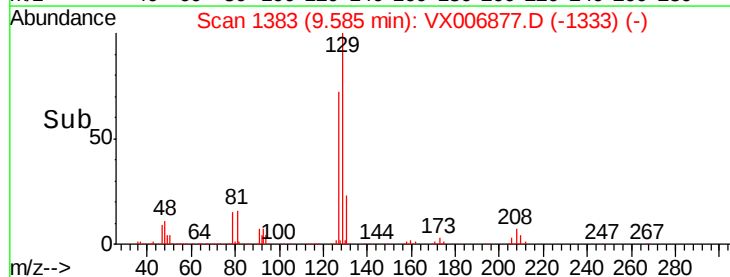
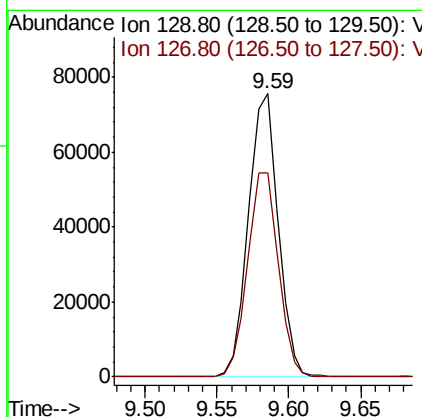
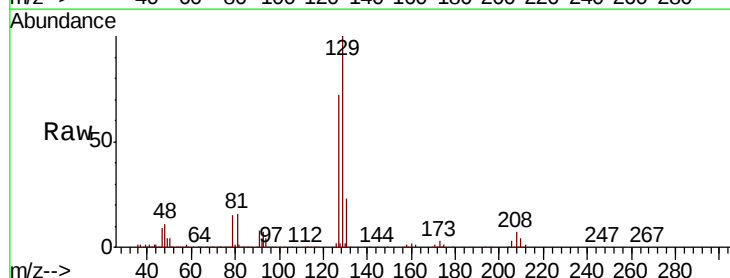
Manual Integrations
APPROVED

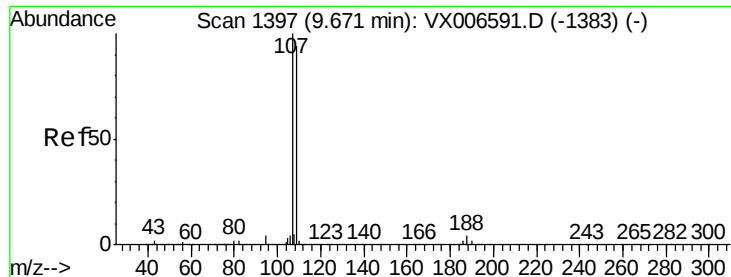
MMDadoda
1/3/2019 9:43:16 AM



#60
Dibromochloromethane
Concen: 20.577 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion:129 Resp: 107843
Ion Ratio Lower Upper
129 100
127 75.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.765 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 107 Resp: 118899

Ion Ratio Lower Upper

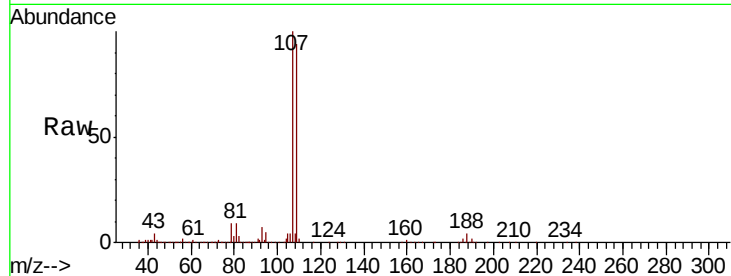
107 100

109 95.0 75.8 113.6

Manual Integrations
APPROVED

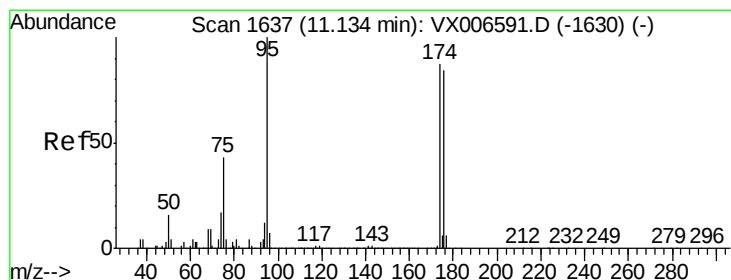
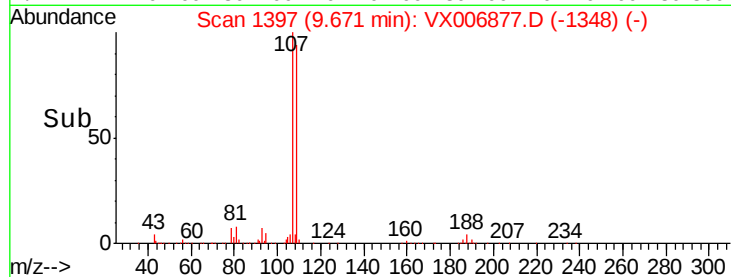
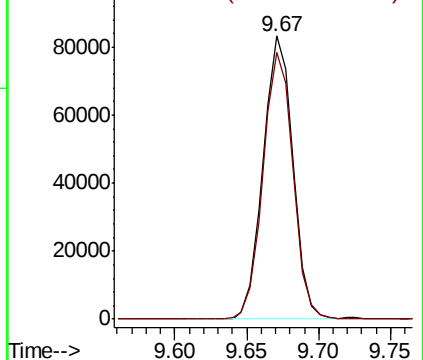
MMDadoda

1/3/2019 9:43:16 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

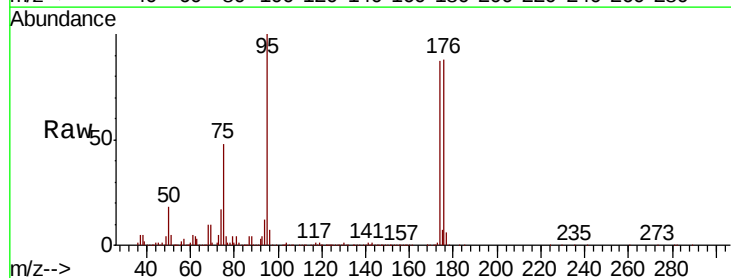
Tgt Ion: 95 Resp: 355571

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

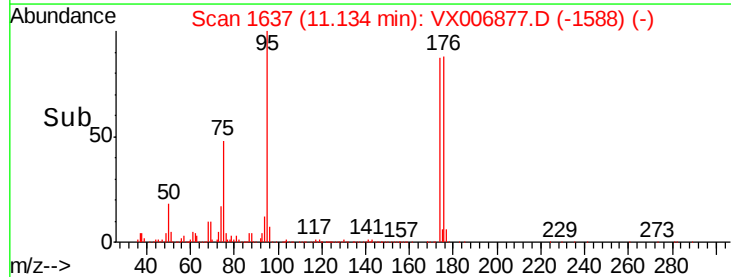
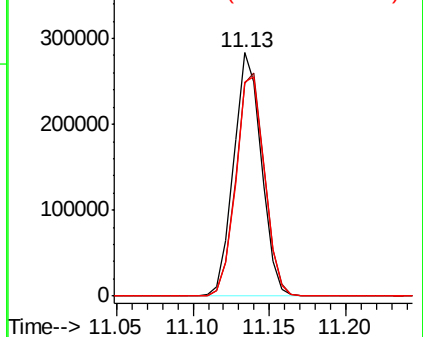
176 92.9 0.0 178.8

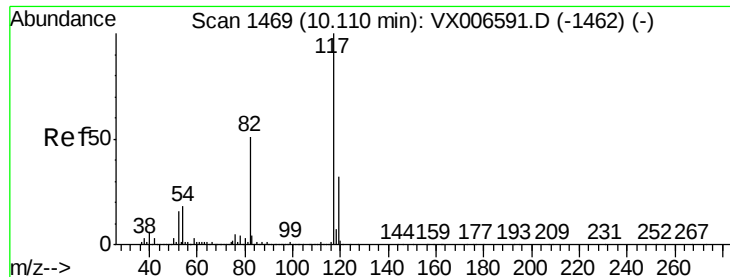


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





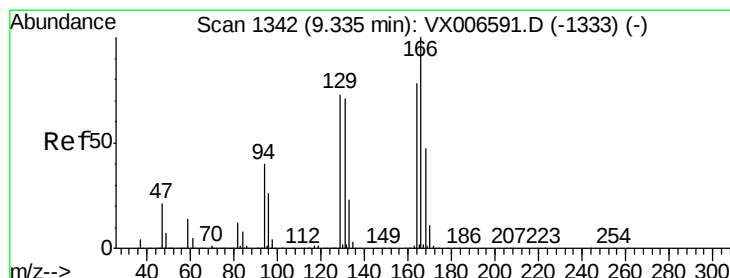
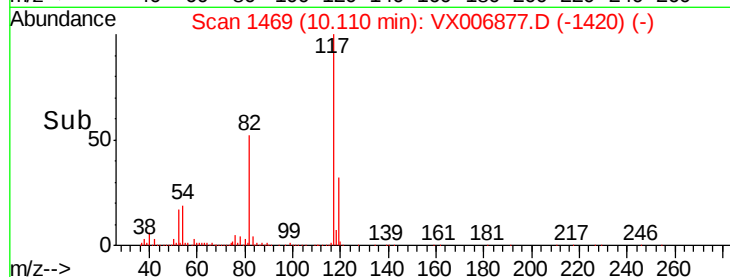
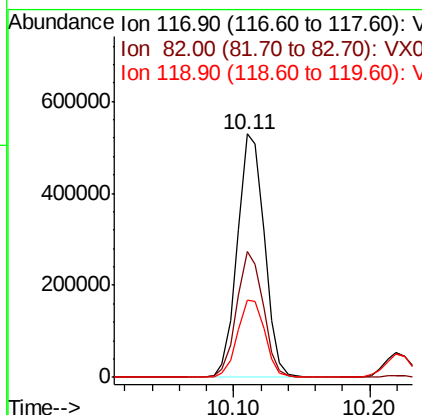
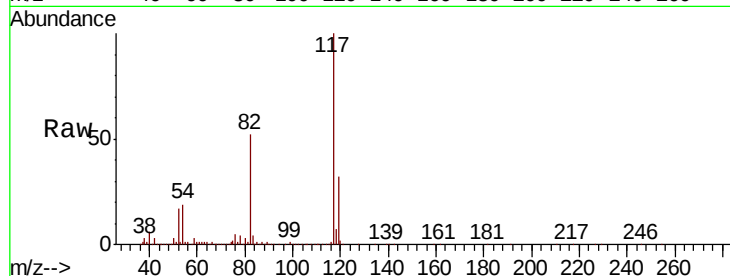
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampled :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.0	61.6
119	31.9	25.4	38.0

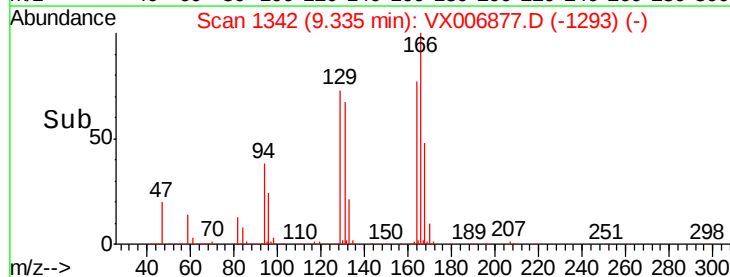
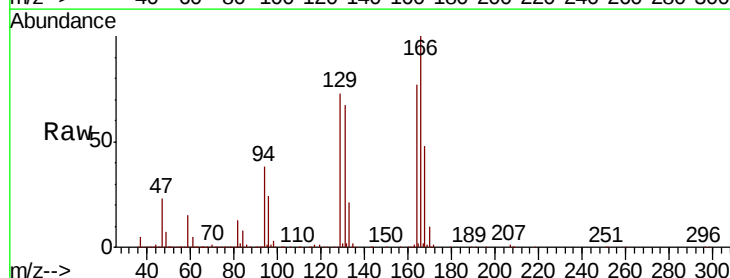
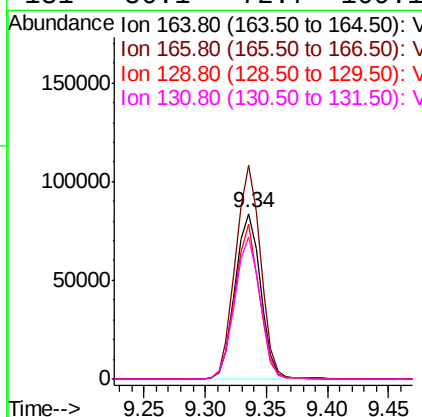
Manual Integrations
APPROVED

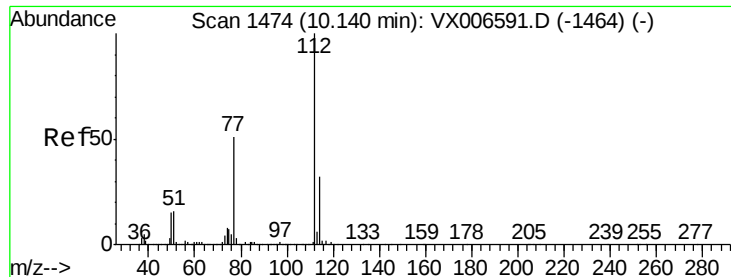
MMDadoda
1/3/2019 9:43:16 AM



#64
Tetrachloroethene
Concen: 20.708 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.5	153.7
129	93.8	75.1	112.7
131	86.1	72.7	109.1





#65

Chlorobenzene

Concen: 20.194 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VX0102WBSD01

Tot Ion:112 Resp: 313252

Ion Ratio Lower Upper

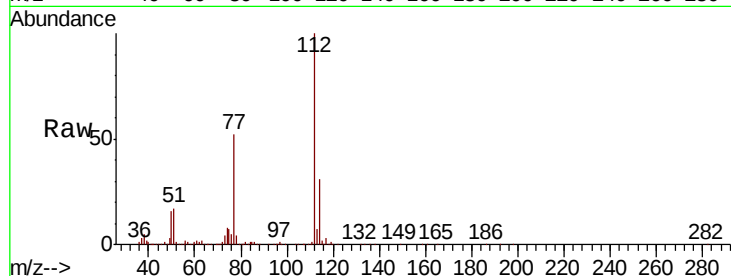
112 100

114 31.5 25.7 38.5

Manual Integrations
APPROVED

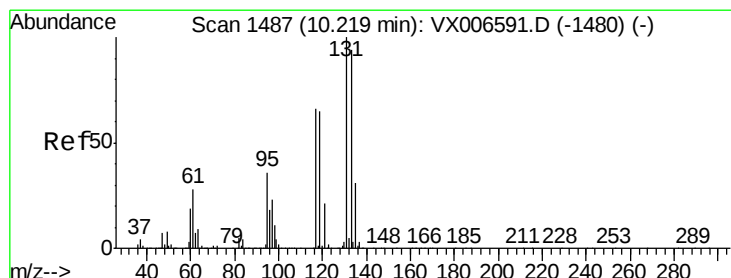
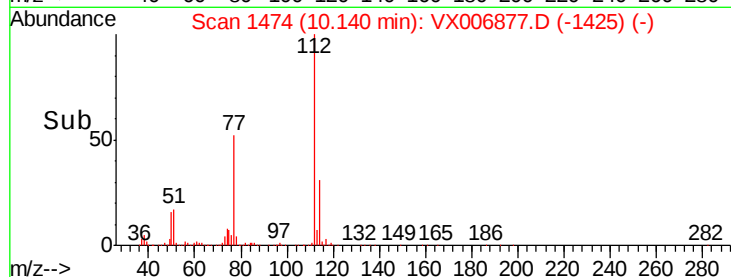
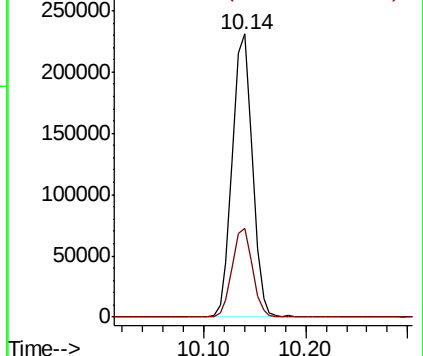
MMDadoda

1/3/2019 9:43:16 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.337 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

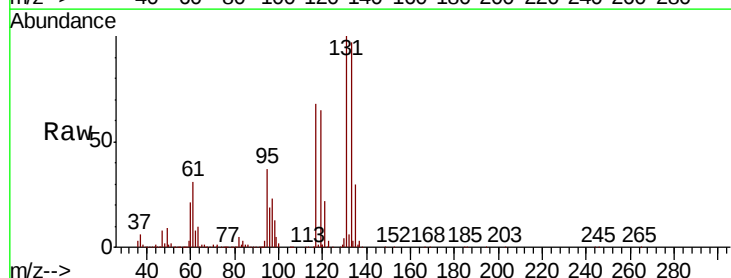
Tgt Ion:131 Resp: 108107

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.2

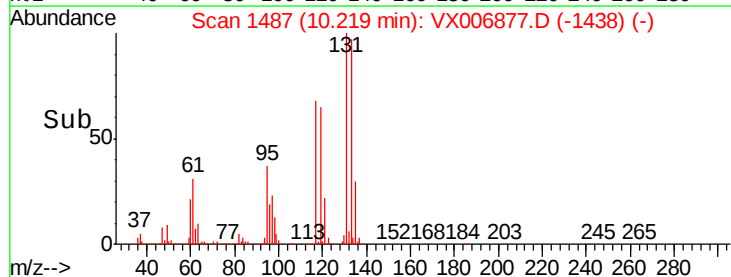
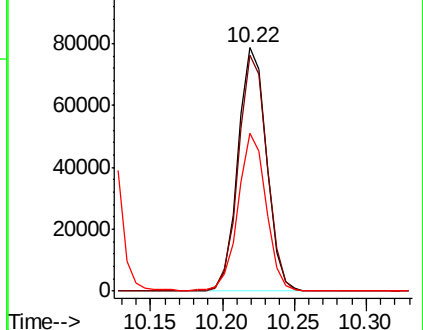
119 63.8 32.6 97.8

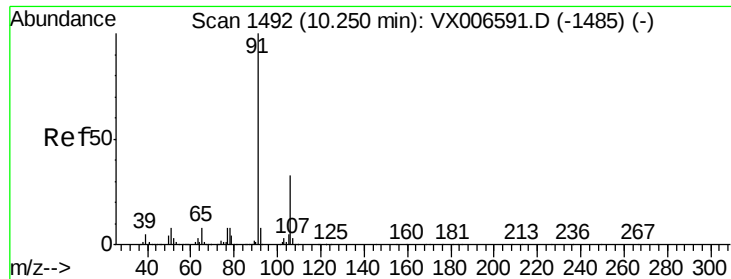


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.925 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 91 Resp: 505074

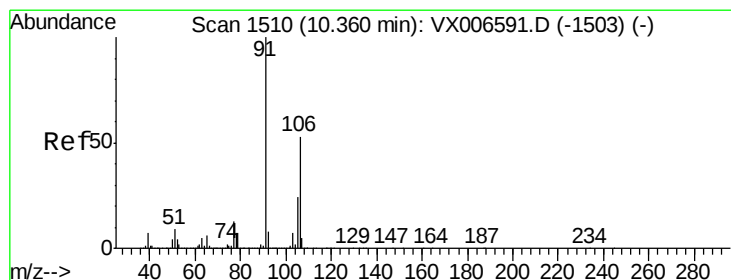
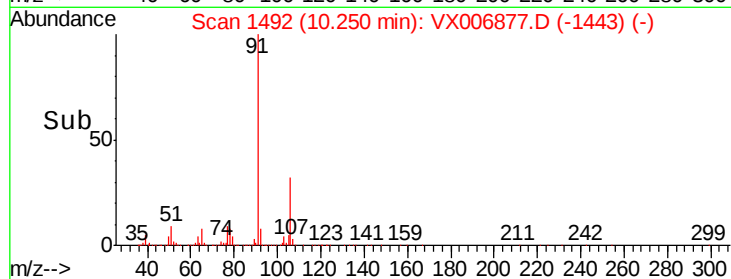
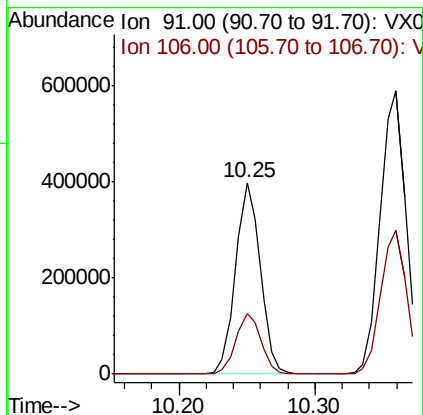
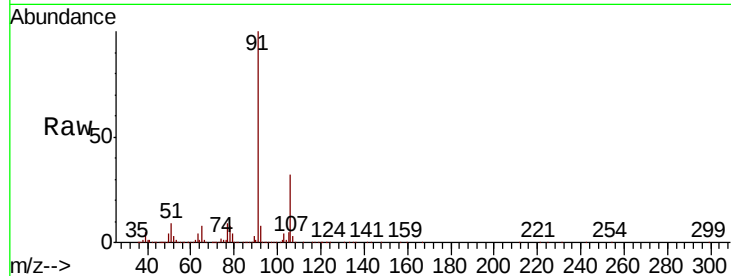
Ion Ratio Lower Upper

91 100

106 31.6 26.4 39.6

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#68

m/p-Xylenes

Concen: 39.815 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006877.D

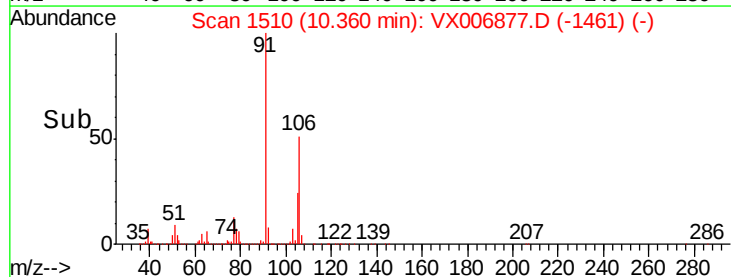
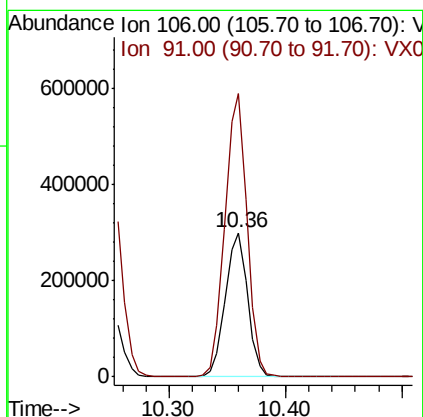
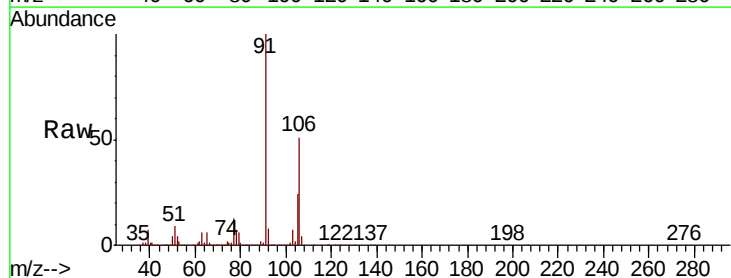
Acq: 02 Jan 2019 13:11

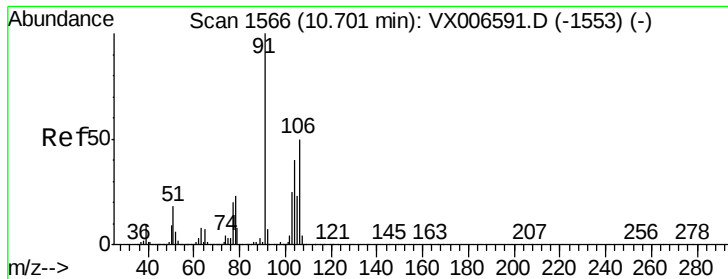
Tgt Ion: 106 Resp: 398248

Ion Ratio Lower Upper

106 100

91 194.5 155.8 233.6





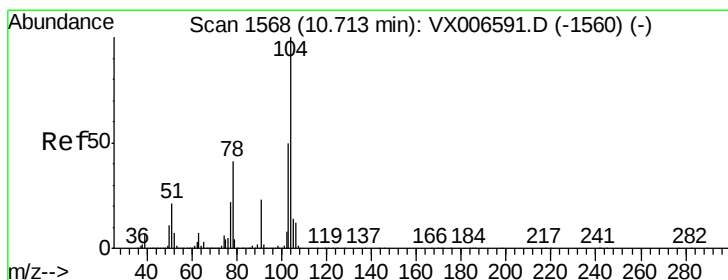
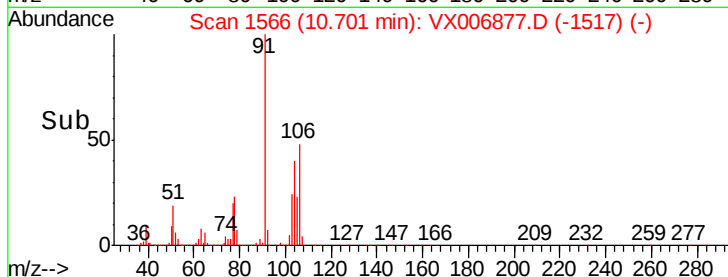
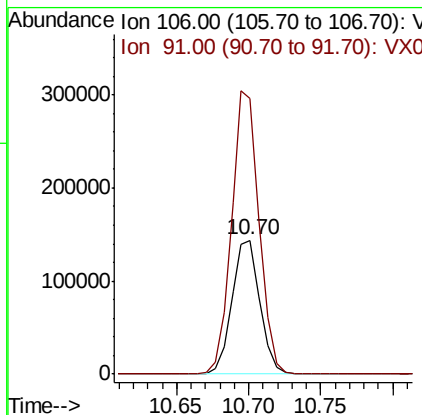
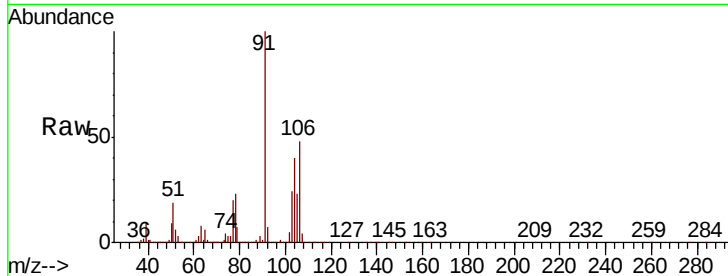
#69
o-Xylene
Concen: 19.754 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampled :
VX0102WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
195115	106	100		
	91	208.0	101.3	303.7

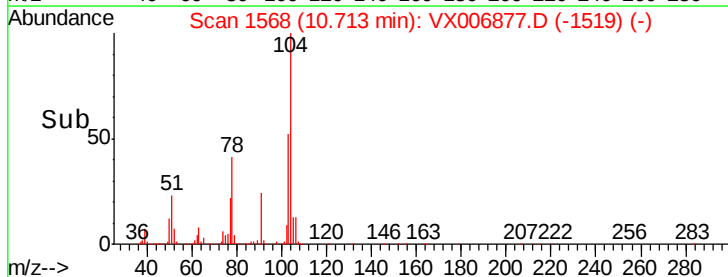
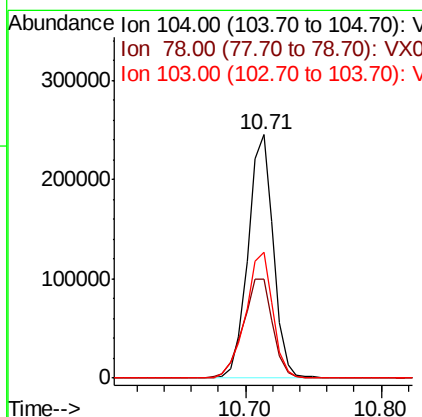
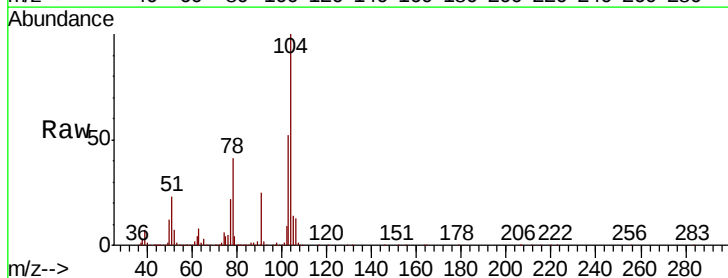
Manual Integrations
APPROVED

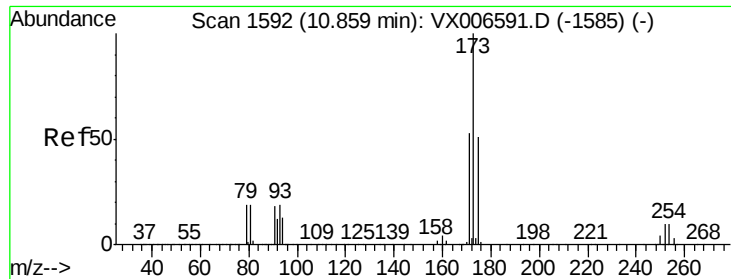
MMDadoda
1/3/2019 9:43:16 AM



#70
Styrene
Concen: 20.384 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ion	Ratio	Lower	Upper
318521	104	100		
	78	47.6	37.7	56.5
	103	55.9	43.8	65.8





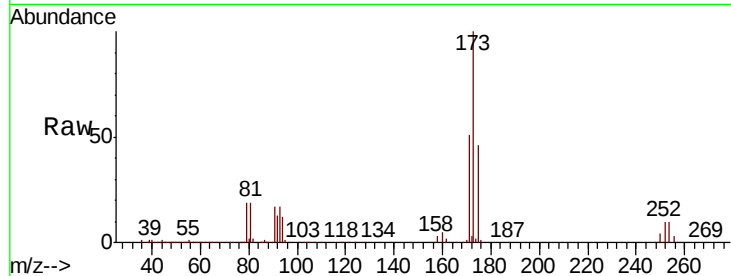
#71
Bromoform
Concen: 20.616 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

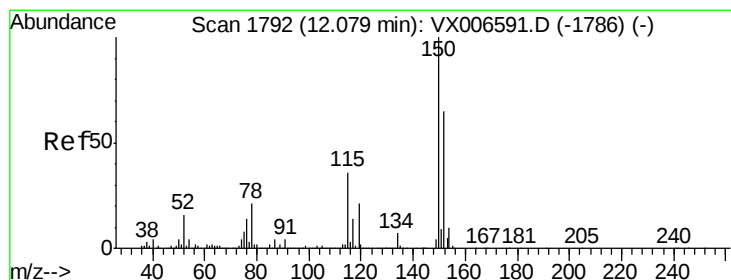
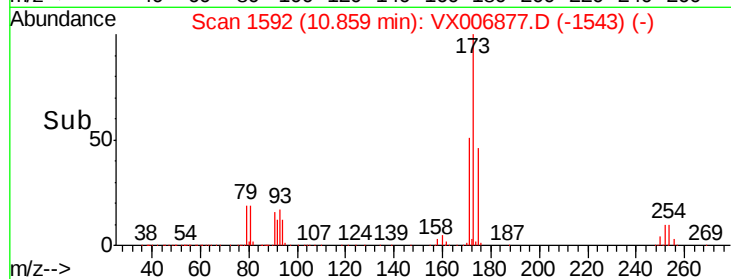
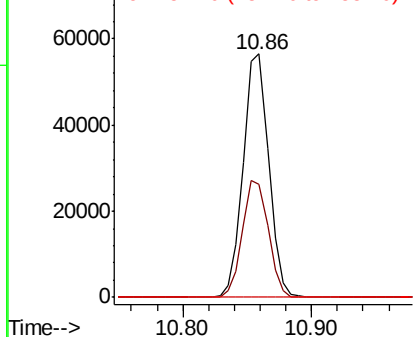
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.1	0.2	0.2#

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM

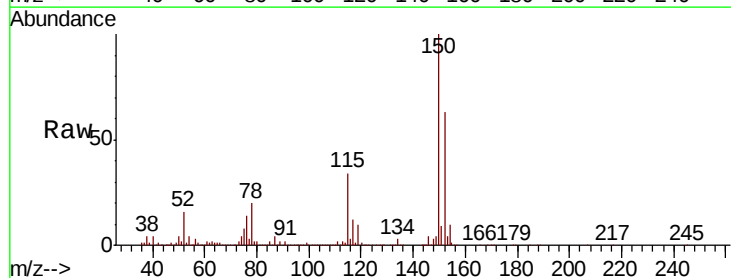


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

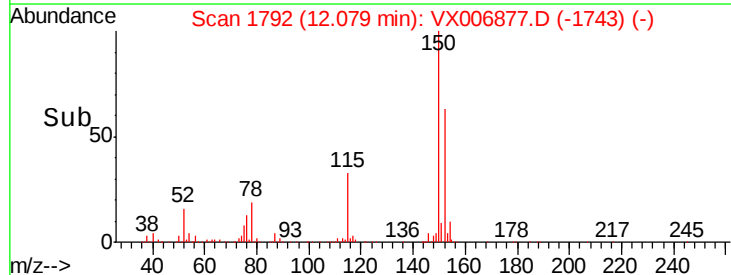
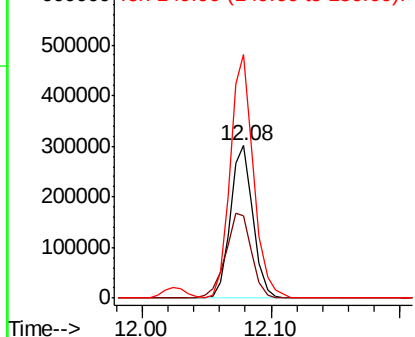


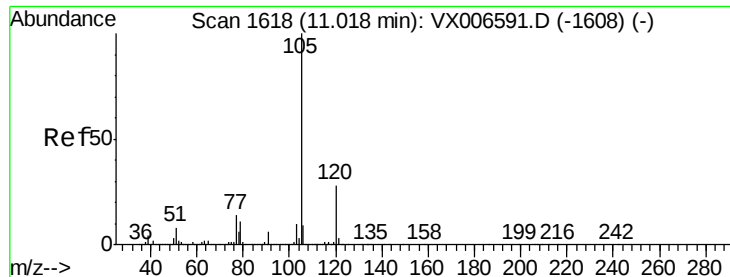
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	39.1	117.2
150	164.7	0.0	344.8



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: 20.651 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion: 105 Resp: 520185

Ion Ratio Lower Upper

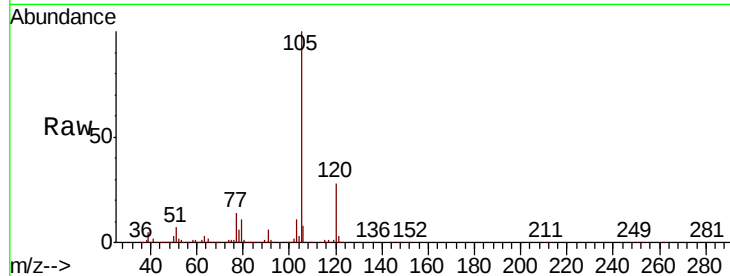
105 100

120 28.0 14.1 42.4

Manual Integrations
APPROVED

MMDadoda

1/3/2019 9:43:16 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

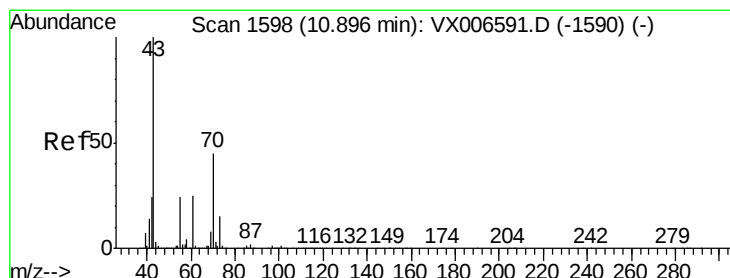
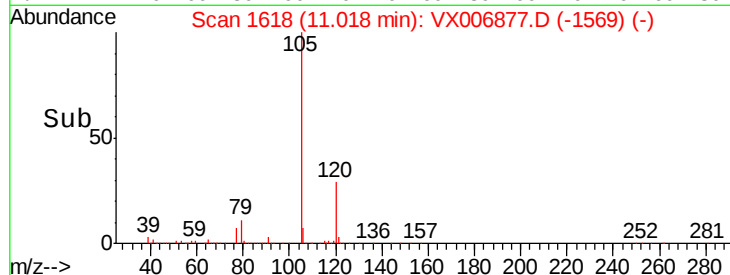
200000

100000

0

10.95 11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 22.941 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion: 43 Resp: 206844

Ion Ratio Lower Upper

43 100

70 42.7 35.8 53.8

55 25.0 19.4 29.0

61 24.2 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

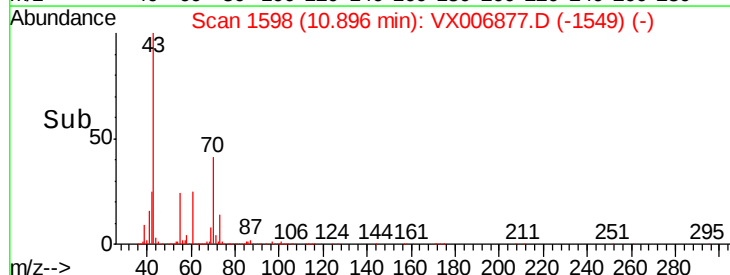
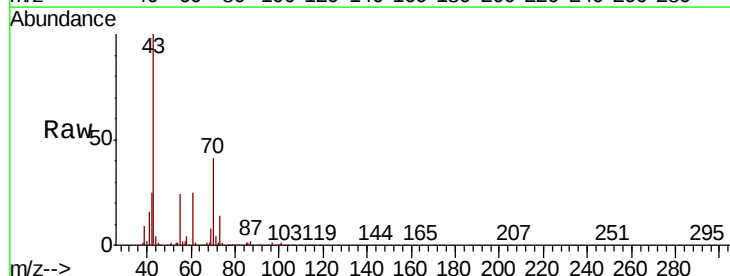
100000

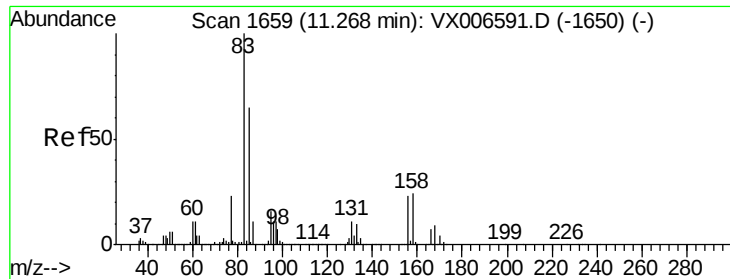
50000

0

10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.400 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VX0102WBSD01

Tot Ion: 83 Resp: 167803

Ion Ratio Lower Upper

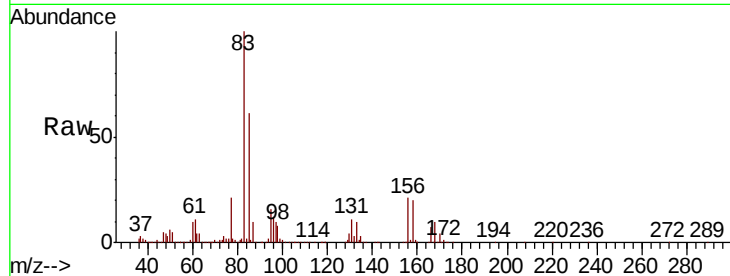
83 100

131 10.9 5.7 17.1

85 63.4 32.2 96.6

Manual Integrations
APPROVED

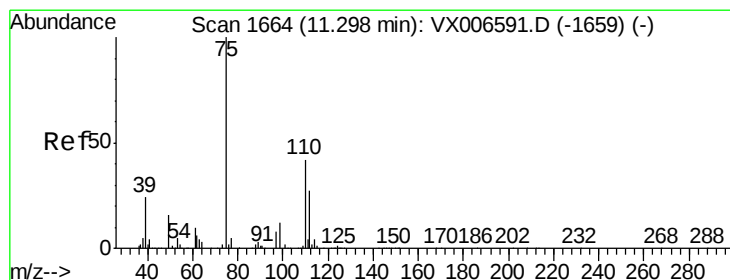
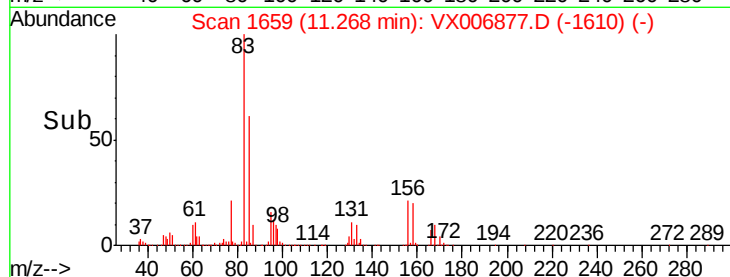
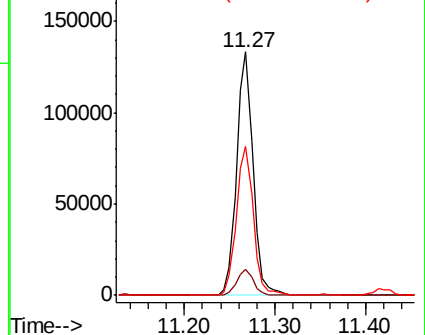
MMDadoda
1/3/2019 9:43:16 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.999 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006877.D

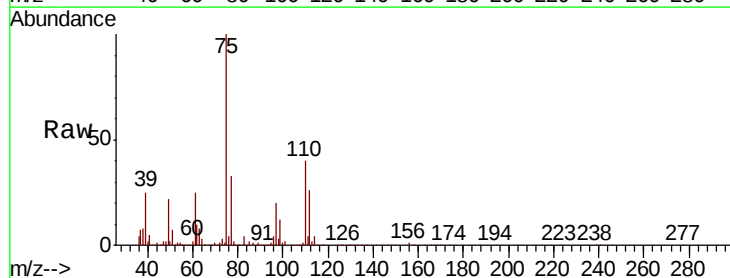
Acq: 02 Jan 2019 13:11

Tgt Ion: 75 Resp: 157378

Ion Ratio Lower Upper

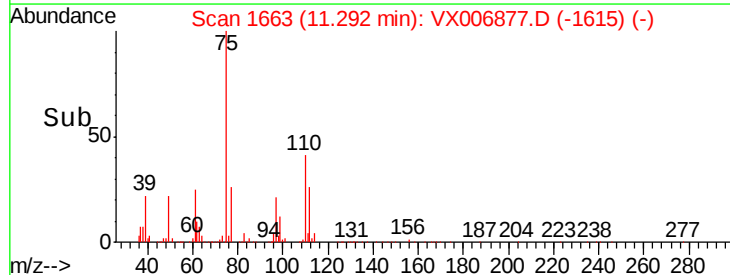
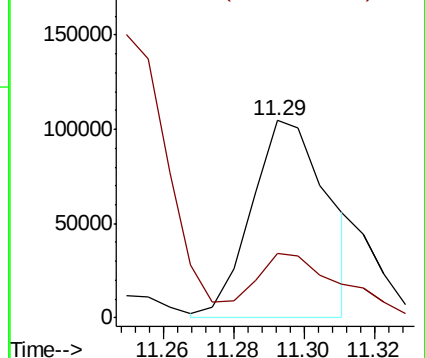
75 100

77 38.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.454 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

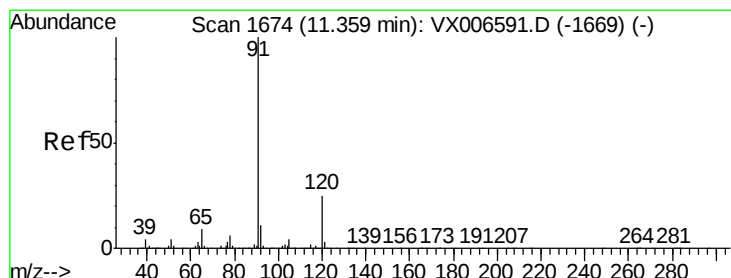
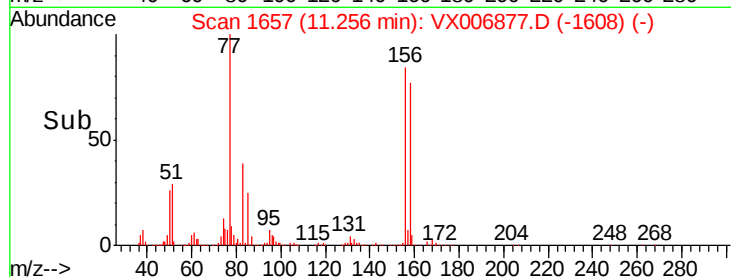
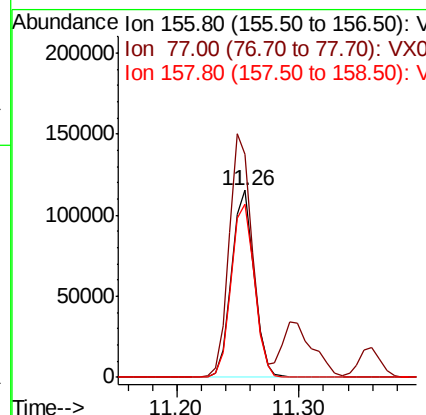
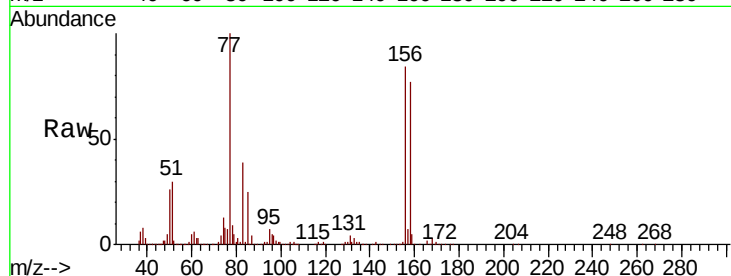
ClientSampleId :

VX0102WBSD01

Tot Ion:	156	Resp:	146105
Ion Ratio	Lower	Upper	
156	100		
77	132.5	68.0	204.0
158	95.8	48.3	144.8

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#78

n-propylbenzene

Concen: 20.660 ug/l

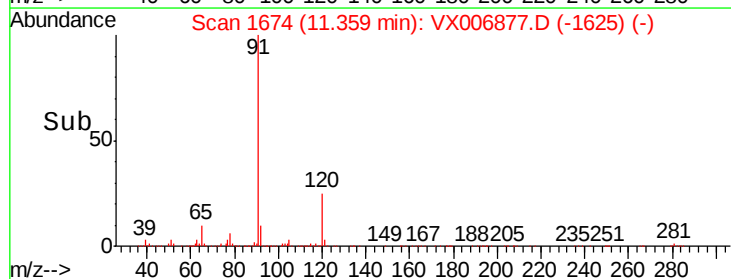
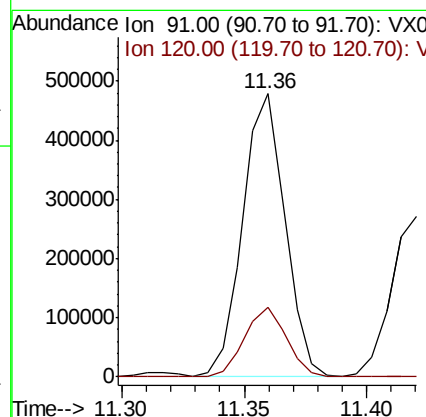
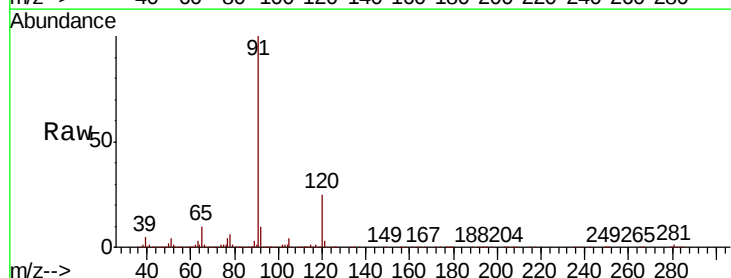
RT: 11.36 min Scan# 1674

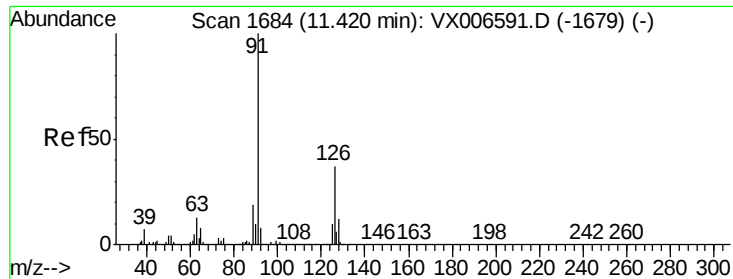
Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	91	Resp:	573080
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.280 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VX0102WBSD01

Tot Ion: 91 Resp: 340900

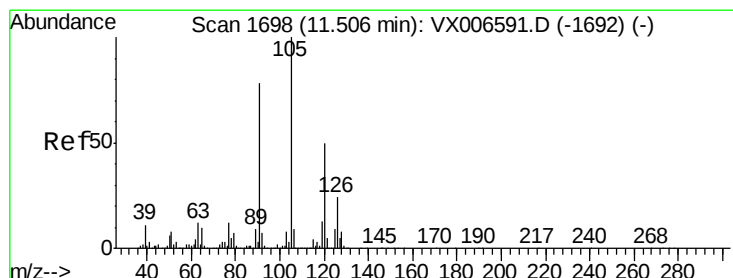
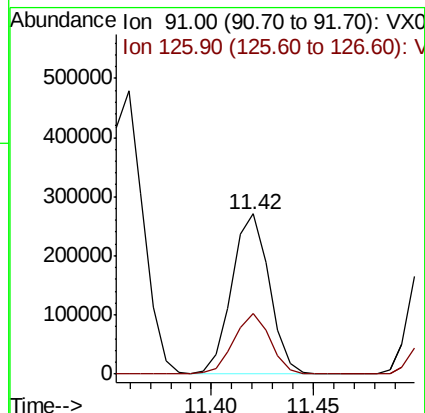
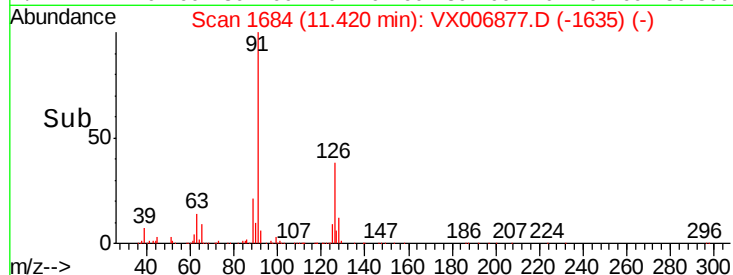
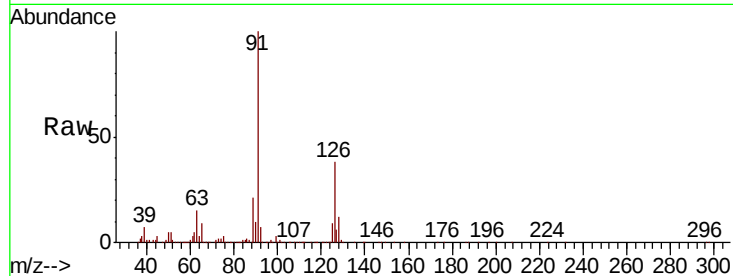
Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#80

1,3,5-Trimethylbenzene

Concen: 20.548 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006877.D

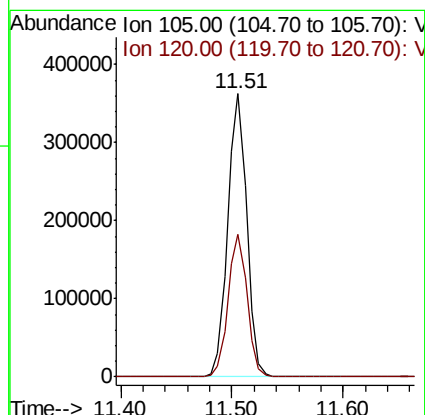
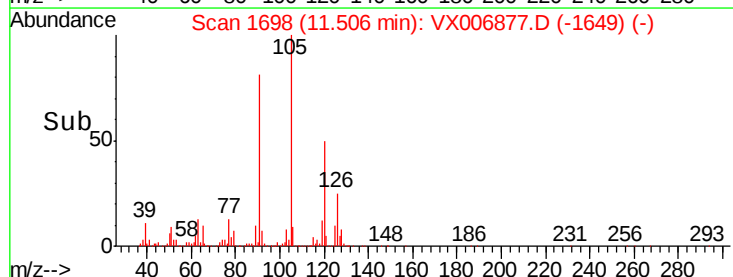
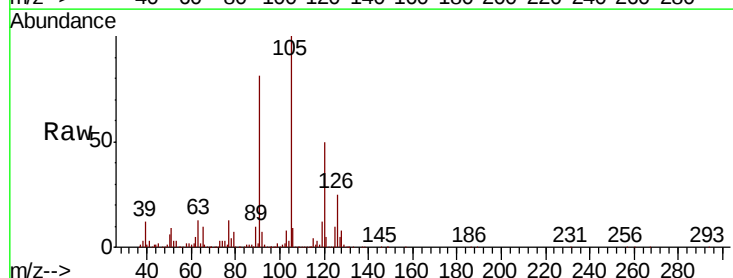
Acq: 02 Jan 2019 13:11

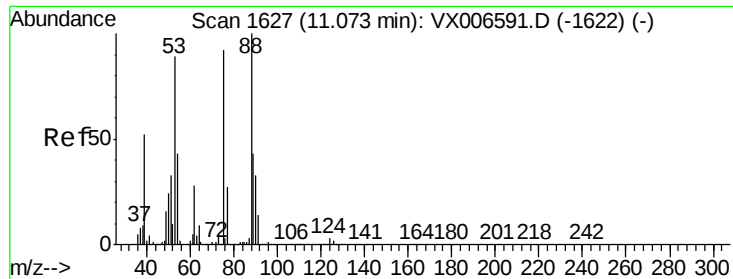
Tgt Ion: 105 Resp: 426318

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.914 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

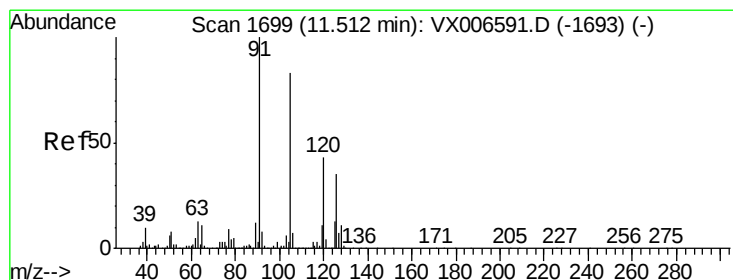
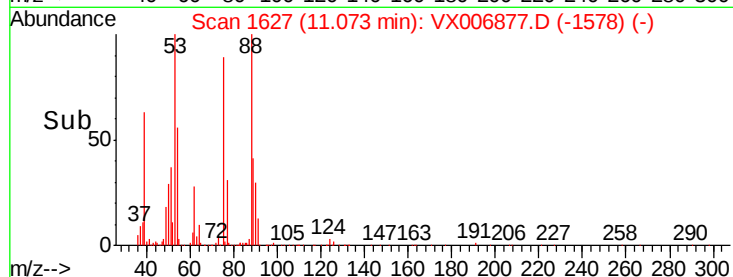
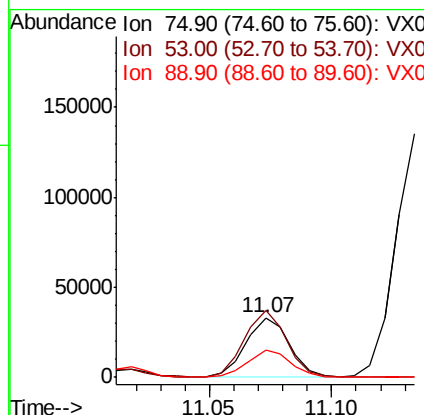
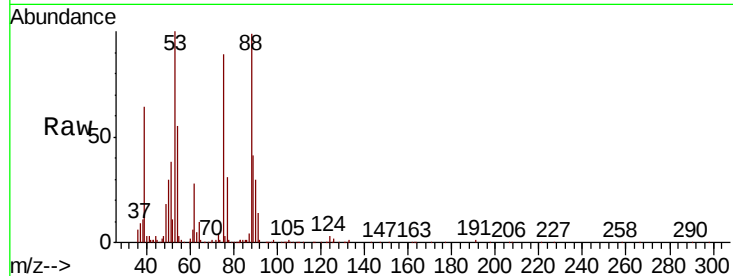
ClientSampled :

VX0102WBSD01

Tot Ion:	75	Resp:	40978
Ion	Ratio	Lower	Upper
75	100		
53	109.2	79.7	119.5
89	46.0	38.0	57.0

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#82

4-Chlorotoluene

Concen: 20.453 ug/l

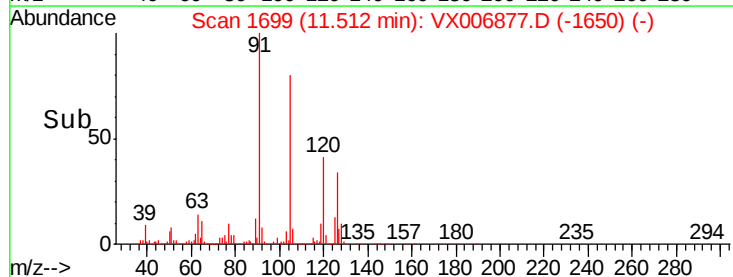
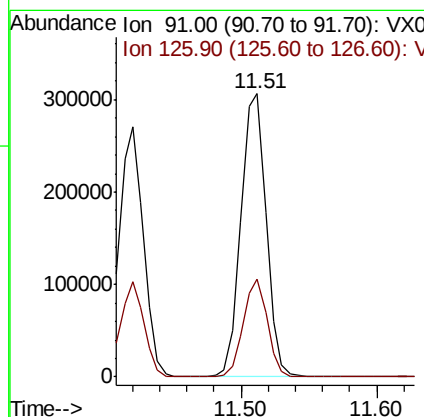
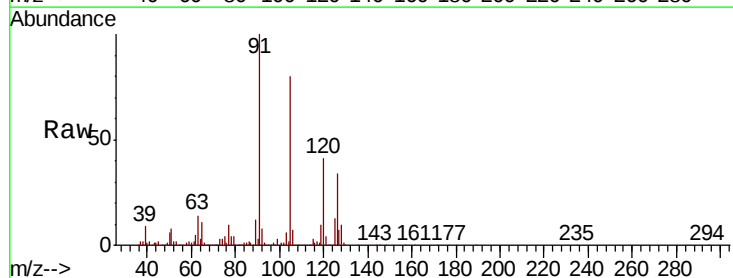
RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	91	Resp:	394373
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.9





#83

tert-Butylbenzene

Concen: 20.431 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

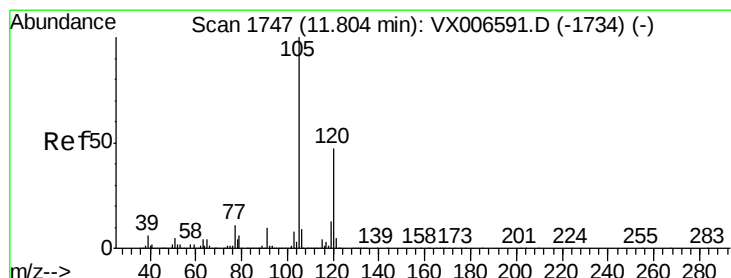
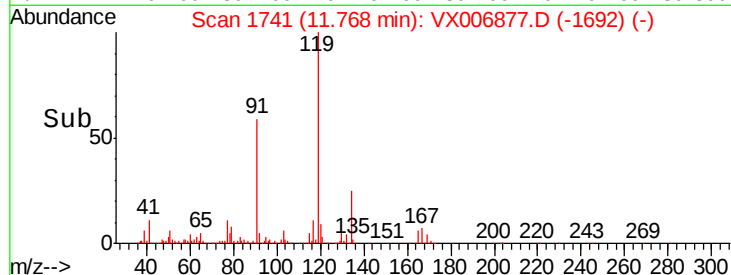
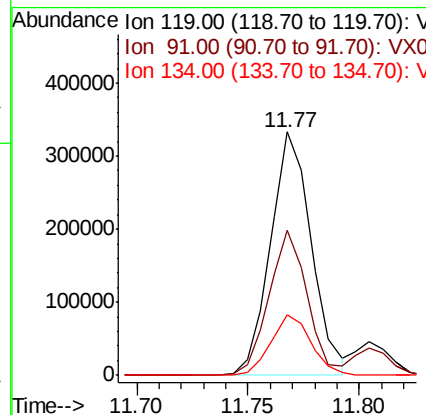
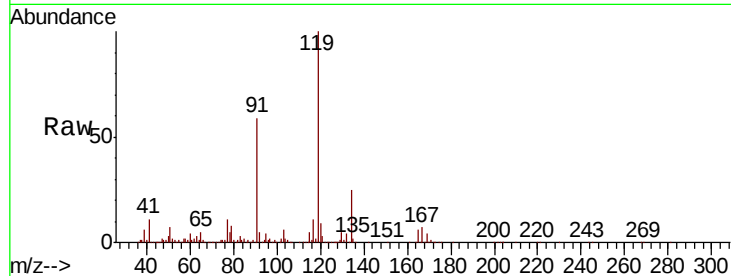
ClientSampleId :

VX0102WBSD01

Tot Ion:	119	Resp:	424250
Ion Ratio	Lower	Upper	
119	100		
91	56.3	27.7	83.1
134	24.3	11.9	35.5

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.074 ug/l

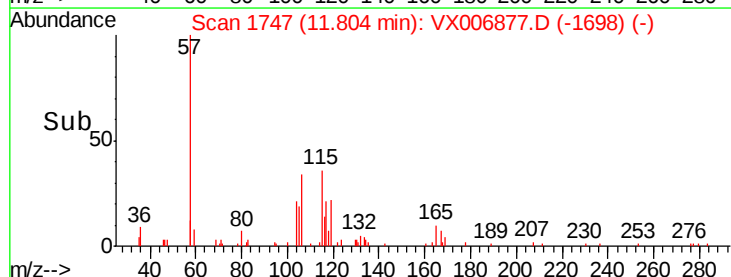
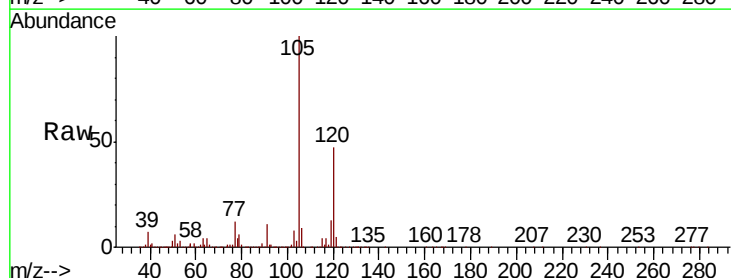
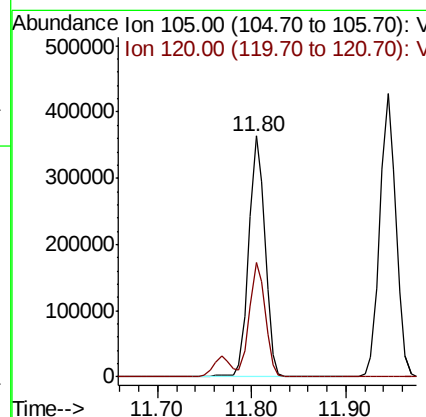
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Tgt Ion:	105	Resp:	438071
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.984 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBSD01

Tot Ion:105 Resp: 508774

Ion Ratio Lower Upper

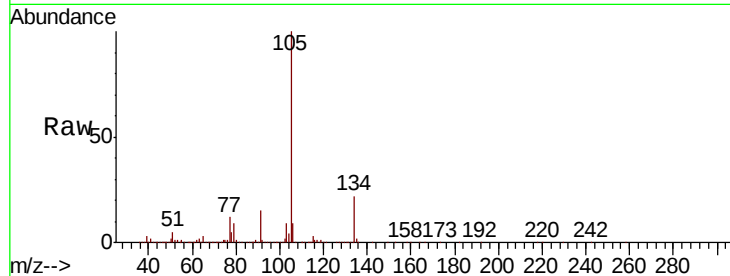
105 100

134 21.6 10.7 31.9

Manual Integrations
APPROVED

MMDadoda

1/3/2019 9:43:16 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

500000

400000

300000

200000

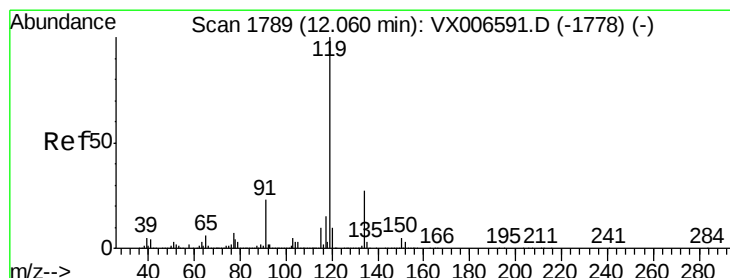
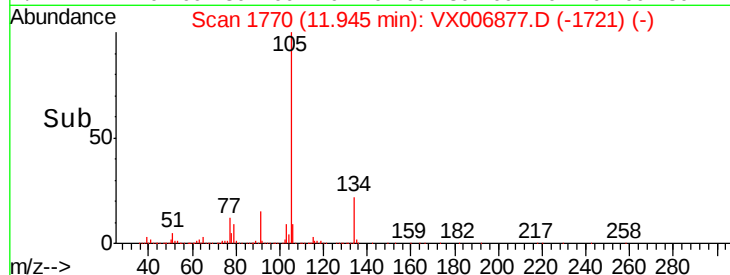
100000

0

11.94

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.388 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006877.D

Acq: 02 Jan 2019 13:11

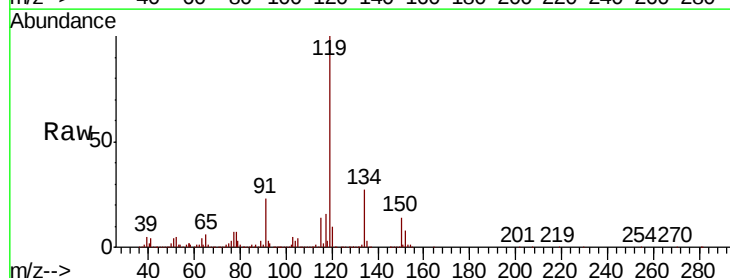
Tgt Ion:119 Resp: 456268

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.7 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

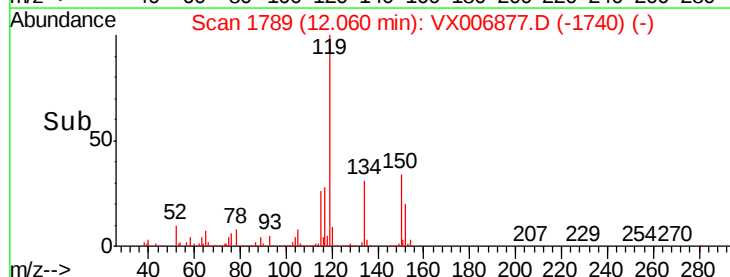
100000

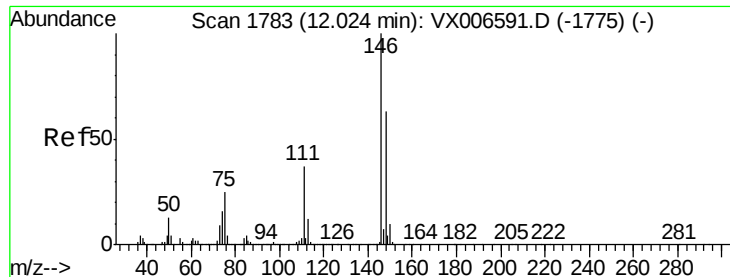
0

12.06

12.00 12.10 12.20

Time-->





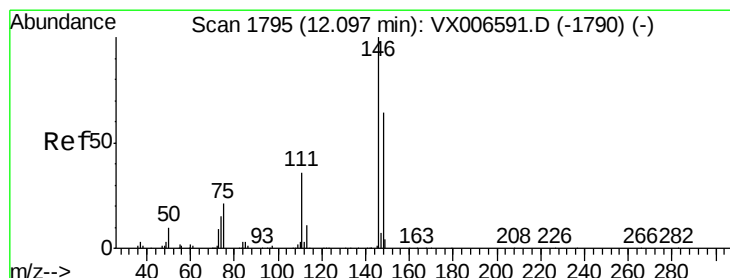
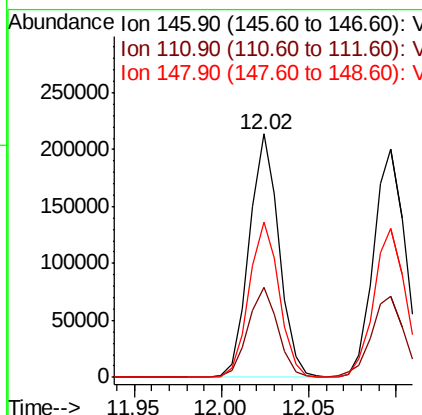
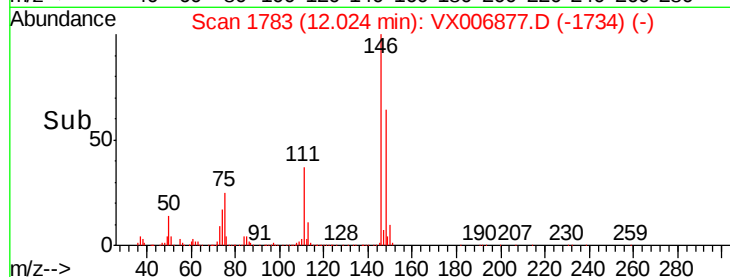
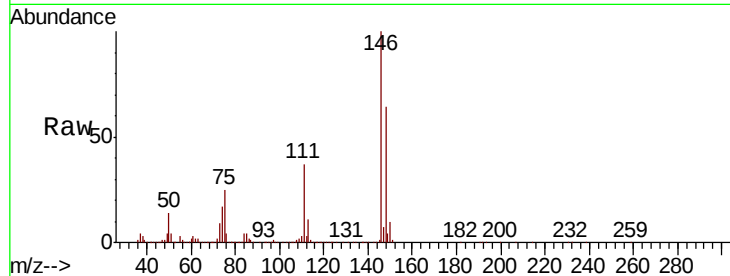
#87
 1,3-Dichlorobenzene
 Concen: 20.512 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.5	31.8	95.3

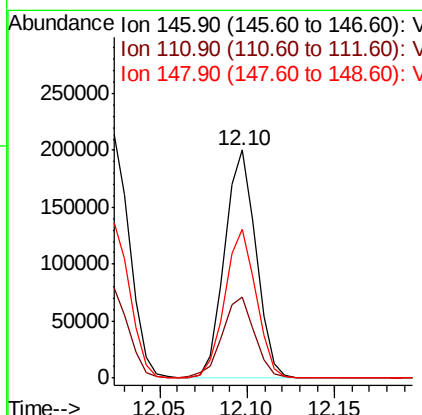
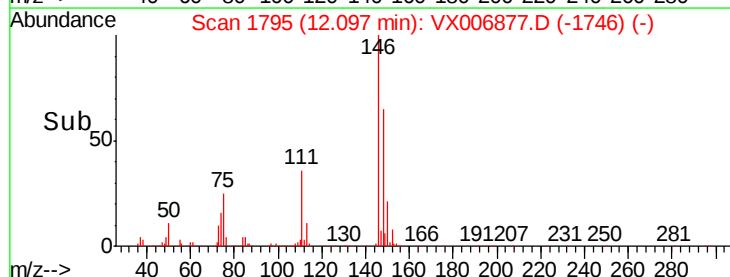
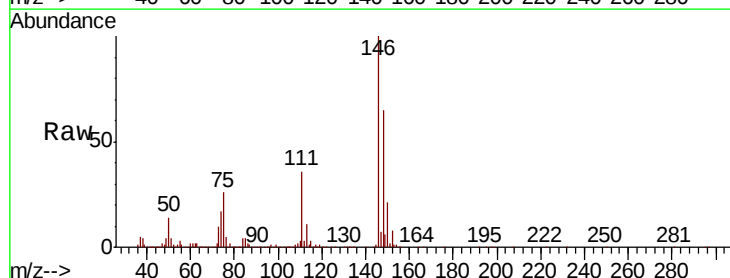
Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:16 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.890 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	65.2	31.9	95.9





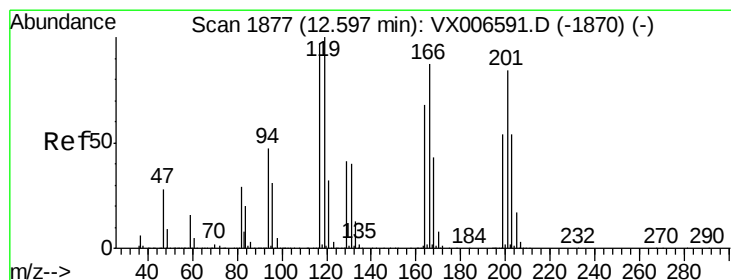
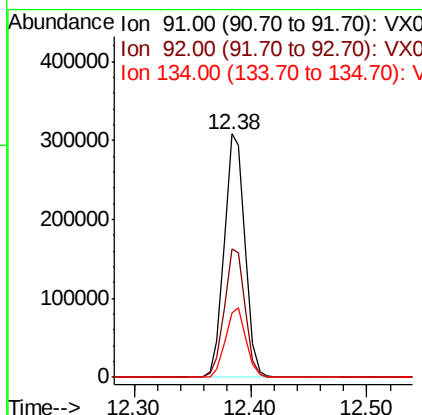
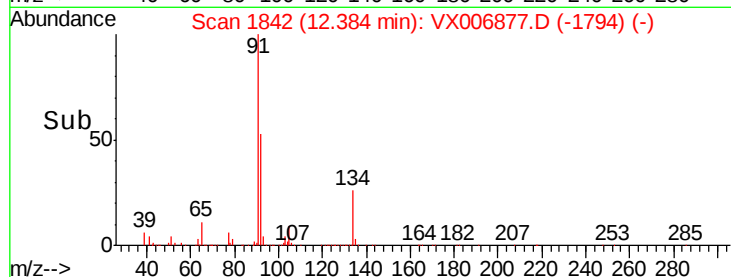
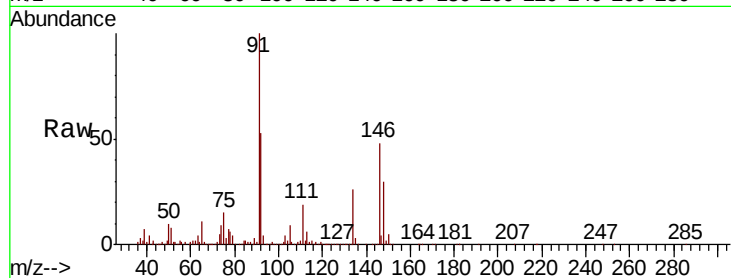
#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	28.2	14.4	43.2

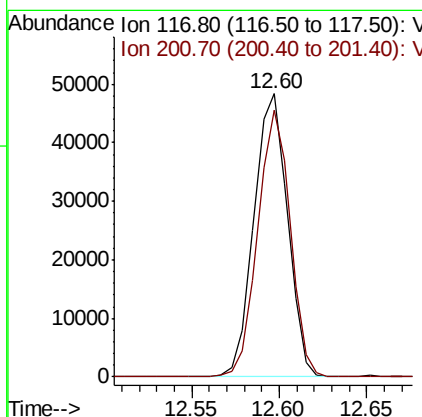
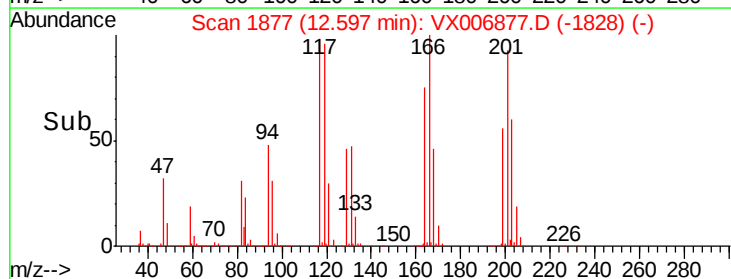
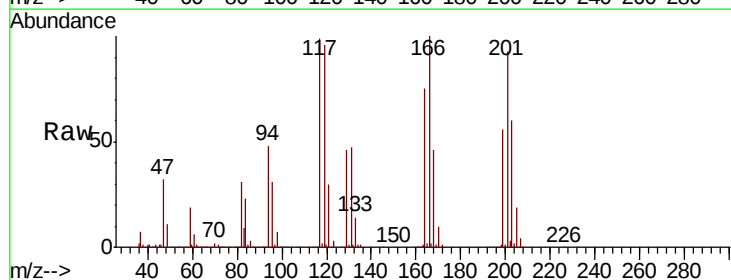
Manual Integrations
APPROVED

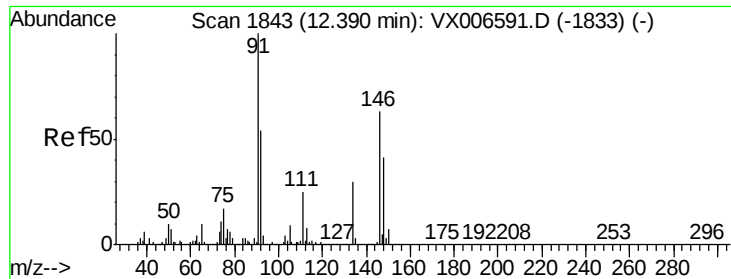
MMDadoda
1/3/2019 9:43:16 AM



#90
Hexachloroethane
Concen: 20.556 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	42.9	128.7





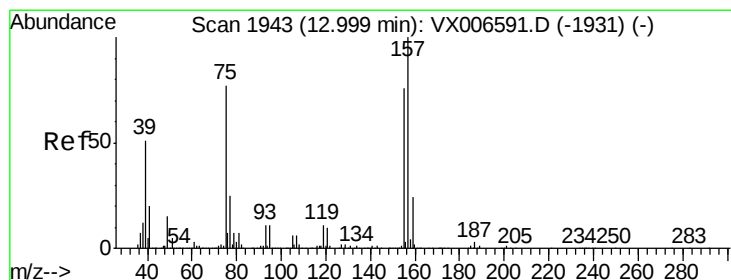
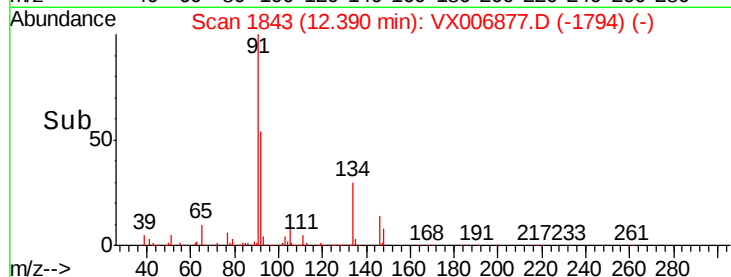
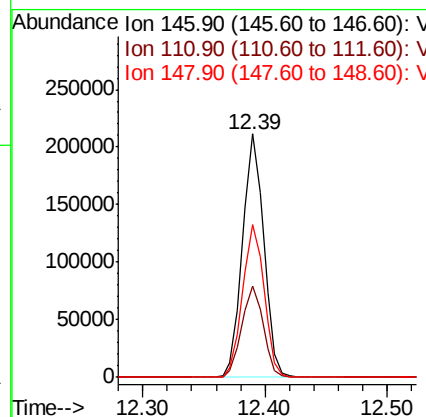
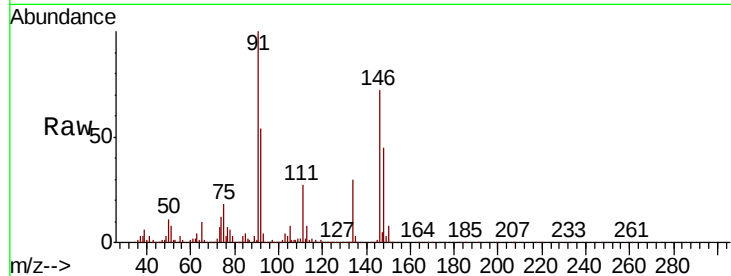
#91
 1,2-Dichlorobenzene
 Concen: 20.600 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	63.7	32.3	96.9

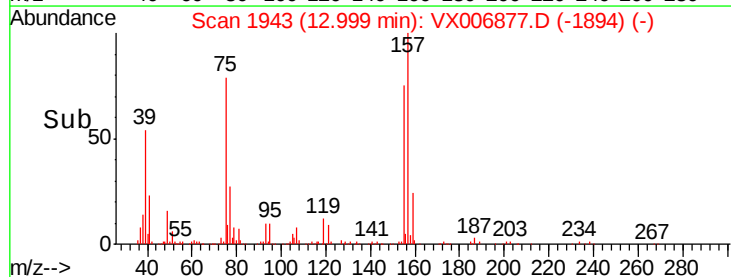
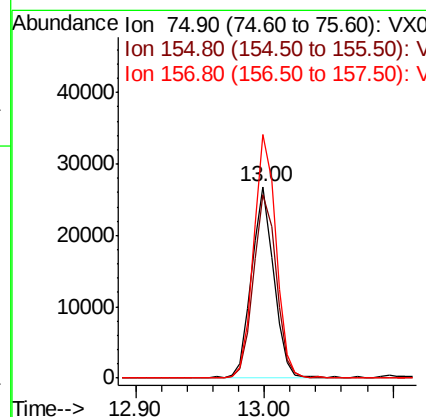
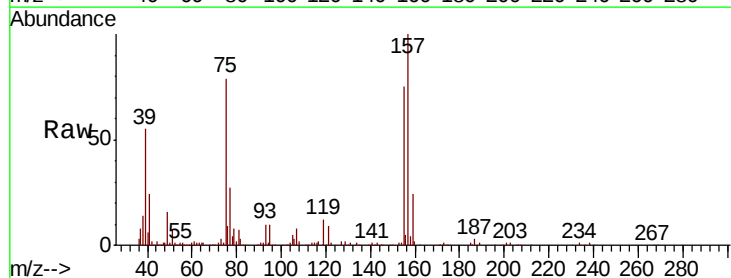
Manual Integrations
 APPROVED

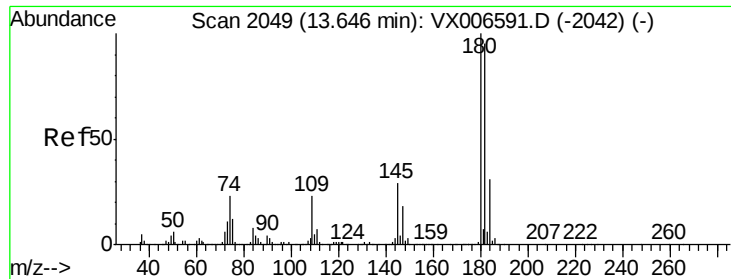
MMDadoda
 1/3/2019 9:43:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.547 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006877.D
 Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	50.6	151.8
157	126.4	64.6	193.8





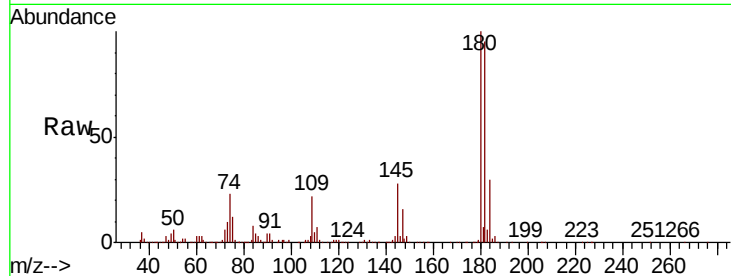
#93
1,2,4-Trichlorobenzene
Concen: 20.032 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

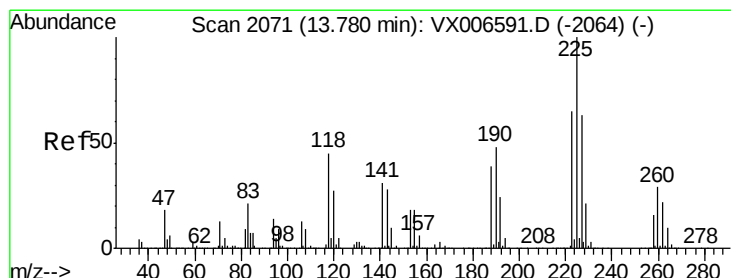
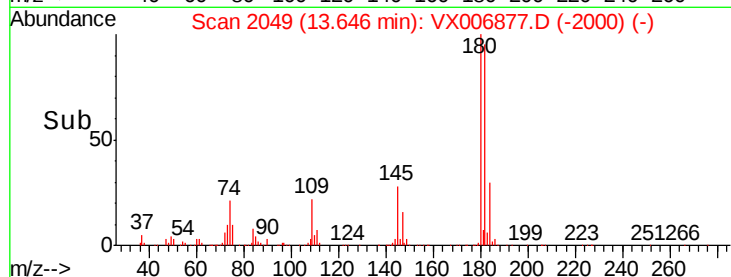
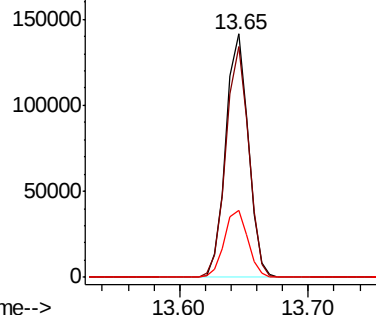
Tot Ion	Ratio	Resp	Lower	Upper
180	100	169651		
182	95.8	47.3	142.0	
145	28.6	14.8	44.3	

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM

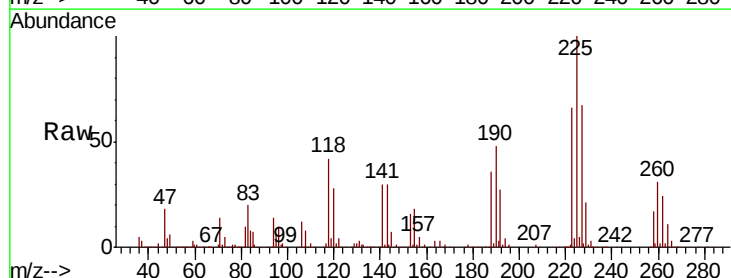


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

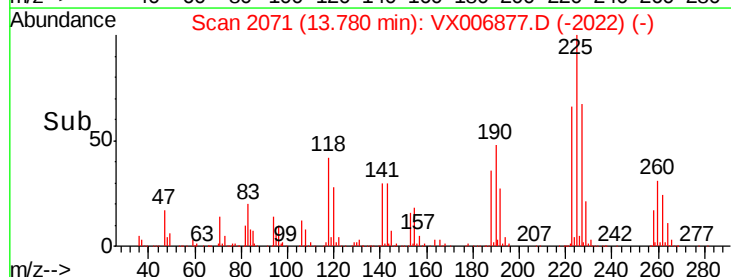
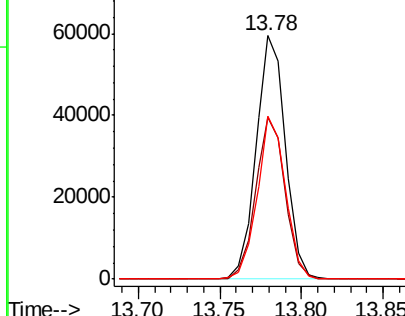


#94
Hexachlorobutadiene
Concen: 18.473 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73743		
223	66.3	32.1	96.3	
227	64.5	32.3	96.8	



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





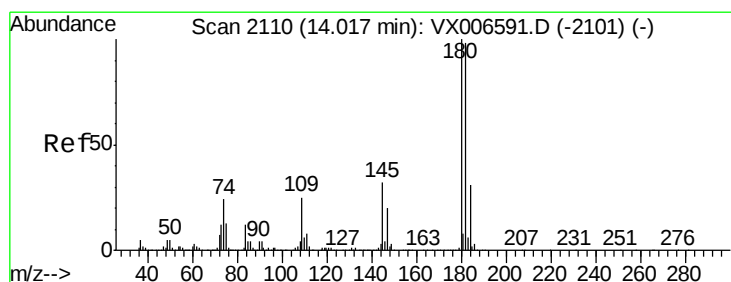
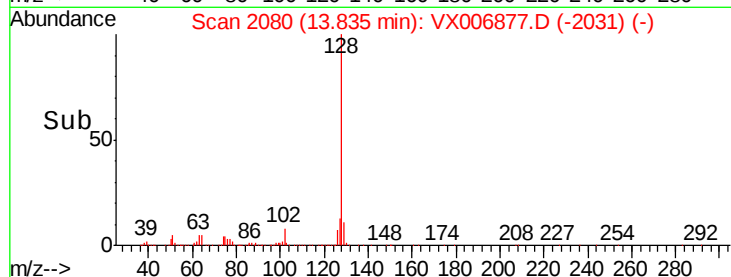
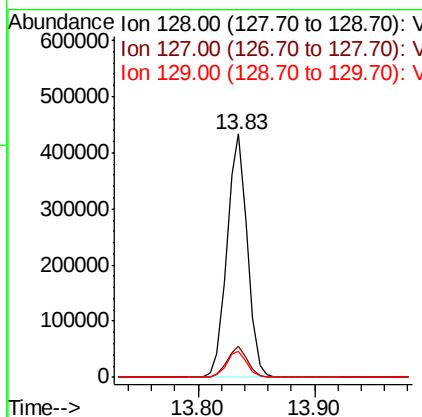
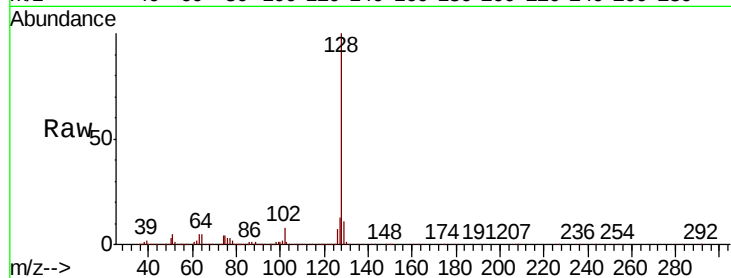
#95
Naphthalene
Concen: 19.285 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.257 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006877.D
Acq: 02 Jan 2019 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.5	145.5
145	30.9	16.0	47.9

