

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010629.D
 Acq On : 02 Jul 2019 19:54
 Operator : JC/SP
 Sample : K3638-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:29:49 AM

Quant Time: Jul 03 04:09:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110447	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	5.50	113	107046	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
50) Toluene-d8	8.71	98	389402	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	141698	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	61698	41.855	ug/l	100
3) Chloromethane	1.32	50	66039	38.473	ug/l	99
4) Vinyl Chloride	1.41	62	77755	41.357	ug/l	96
5) Bromomethane	1.64	94	26188	28.591	ug/l	97
6) Chloroethane	1.72	64	53073	47.847	ug/l	94
7) Trichlorofluoromethane	1.93	101	142836	47.925	ug/l	99
8) Diethyl Ether	2.19	74	52945	49.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81584	45.171	ug/l	99
10) Methyl Iodide	2.51	142	56218	21.810	ug/l	97
11) Tert butyl alcohol	3.05	59	108719	208.996	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83389	45.373	ug/l	96
13) Acrolein	2.29	56	100263	290.545	ug/l	98
14) Allyl chloride	2.73	41	121021	46.382	ug/l	98
15) Acrylonitrile	3.14	53	262944	255.302	ug/l	100
16) Acetone	2.45	43	210781	211.557	ug/l	99
17) Carbon Disulfide	2.57	76	188261	38.182	ug/l	98
18) Methyl Acetate	2.78	43	94684	47.682	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	287305	49.692	ug/l	98
20) Methylene Chloride	2.85	84	97523	47.563	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	89646	45.353	ug/l	98
22) Diisopropyl ether	3.85	45	273041	50.051	ug/l	97
23) Vinyl Acetate	3.82	43	1070890	227.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154689	49.056	ug/l	99
25) 2-Butanone	4.67	43	350962	240.140	ug/l	98
26) 2,2-Dichloropropane	4.59	77	102334	37.358	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	107389	47.015	ug/l	99
28) Bromochloromethane	5.01	49	78700	52.200	ug/l	97
29) Tetrahydrofuran	5.13	42	227918	251.771	ug/l	99
30) Chloroform	5.21	83	164642	48.526	ug/l	94
31) Cyclohexane	5.58	56	129552	45.115	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	144459	48.220	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114323	44.240	ug/l	100
37) Ethyl Acetate	4.83	43	120055	45.159	ug/l	98
38) Carbon Tetrachloride	5.79	117	124167	44.372	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010629.D
 Acq On : 02 Jul 2019 19:54
 Operator : JC/SP
 Sample : K3638-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:29:49 AM

Quant Time: Jul 03 04:09:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140639	41.403	ug/l	99
40) Benzene	6.14	78	373238	46.360	ug/l	100
41) Methacrylonitrile	5.04	41	73133	50.137	ug/l	98
42) 1,2-Dichloroethane	6.20	62	124983	50.999	ug/l	97
43) Isopropyl Acetate	6.45	43	202449	46.028	ug/l	98
44) Trichloroethene	7.21	130	107390	44.578	ug/l	98
45) 1,2-Dichloropropane	7.51	63	95912	47.176	ug/l	100
46) Dibromomethane	7.66	93	69977	47.973	ug/l	96
47) Bromodichloromethane	7.90	83	127147	47.563	ug/l	98
48) Methyl methacrylate	7.77	41	102566	50.168	ug/l	99
49) 1,4-Dioxane	7.74	88	48088	816.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	706444	251.131	ug/l	99
52) Toluene	8.79	92	241038	45.463	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132359	44.163	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144898	44.489	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105213	48.118	ug/l	99
56) Ethyl methacrylate	9.18	69	159379	48.116	ug/l	96
57) 1,3-Dichloropropane	9.37	76	162978	48.016	ug/l	100
59) 2-Hexanone	9.49	43	537721	242.876	ug/l	98
60) Dibromochloromethane	9.58	129	113560	46.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	112814	47.799	ug/l	99
64) Tetrachloroethene	9.33	164	91003	37.905	ug/l	98
65) Chlorobenzene	10.13	112	278717	46.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103739	47.261	ug/l	99
67) Ethyl Benzene	10.25	91	471849	46.380	ug/l	99
68) m/p-Xylenes	10.36	106	361370	91.673	ug/l	99
69) o-Xylene	10.70	106	180805	46.641	ug/l	99
70) Stvrene	10.71	104	307381	47.281	ug/l	99
71) Bromoform	10.85	173	85549	44.817	ug/l	97
73) Isopropylbenzene	11.02	105	479416	46.135	ug/l	98
74) N-amyl acetate	10.90	43	175076	44.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167417	48.647	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	130787m	46.819	ug/l	
77) Bromobenzene	11.26	156	131270	45.240	ug/l	98
78) n-propylbenzene	11.36	91	528607	46.284	ug/l	99
79) 2-Chlorotoluene	11.42	91	312630	45.969	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	393972	45.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45809	38.256	ug/l	91
82) 4-Chlorotoluene	11.51	91	360594	46.597	ug/l	99
83) tert-Butylbenzene	11.77	119	415411	48.314	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	400500	46.533	ug/l	99
85) sec-Butylbenzene	11.94	105	463790	45.940	ug/l	100
86) p-Isopropyltoluene	12.06	119	431775	46.238	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227687	44.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229320	44.473	ug/l	99
89) n-Butylbenzene	12.38	91	363807	45.848	ug/l	99
90) Hexachloroethane	12.60	117	70641	43.750	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	227917	45.276	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33934	45.734	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	155785	44.625	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
Data File : VX010629.D
Acq On : 02 Jul 2019 19:54
Operator : JC/SP
Sample : K3638-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

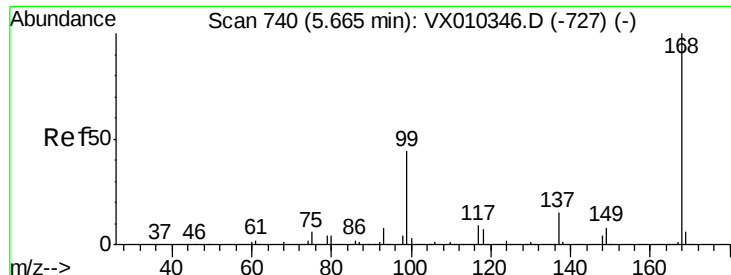
Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM

Quant Time: Jul 03 04:09:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	73317	42.972	ug/l	99
95) Naphthalene	13.83	128	496602	46.290	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156861	45.193	ug/l	99

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



#1

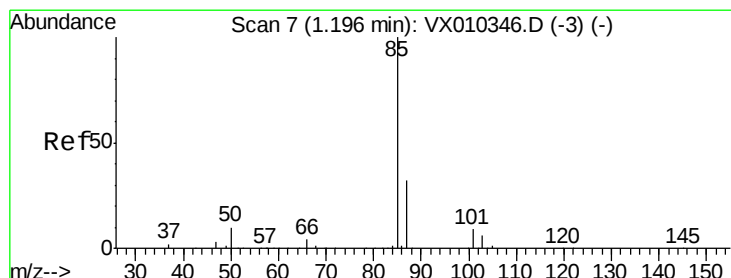
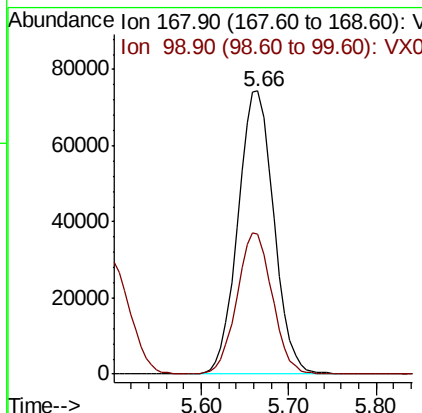
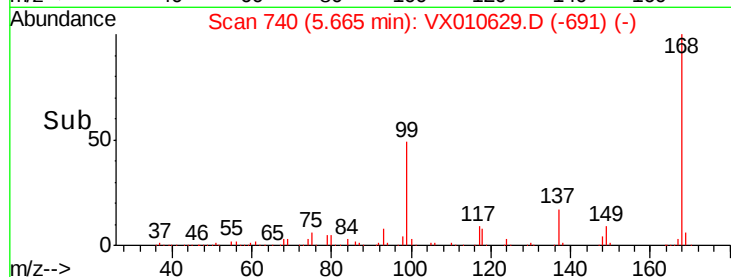
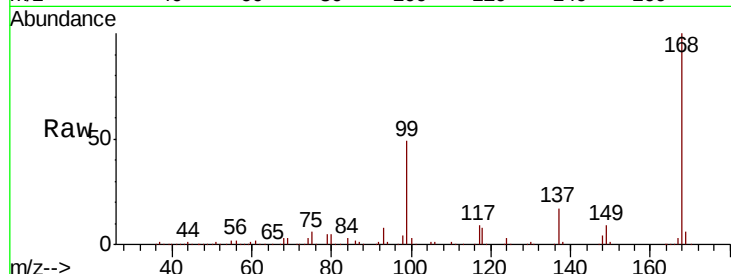
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.1	35.5	53.3

Manual Integrations
 APPROVED

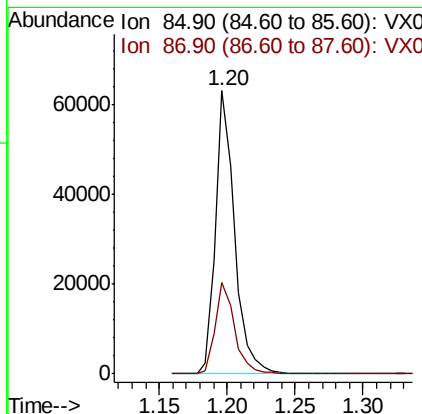
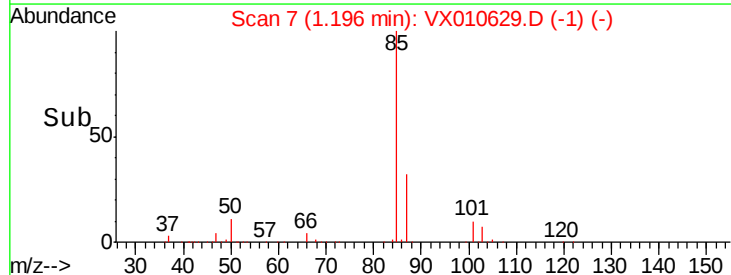
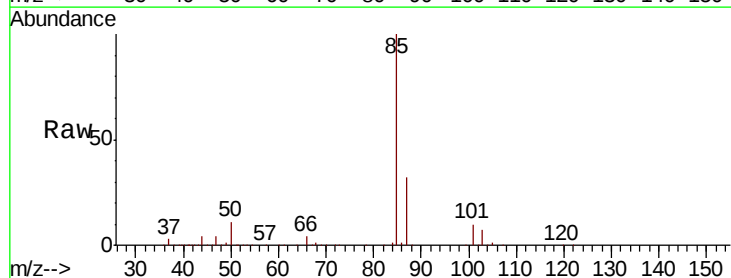
MMDadoda
 7/3/2019 9:29:49 AM

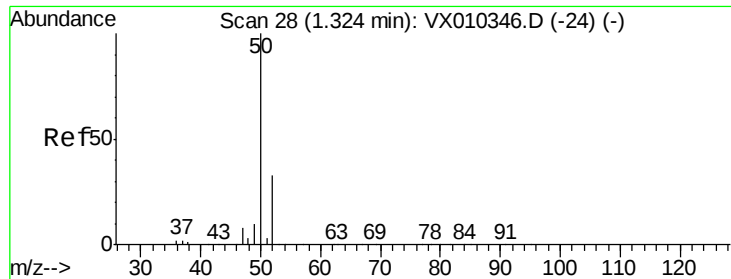


#2

Dichlorodifluoromethane
 Concen: 41.855 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.8





#3

Chloromethane

Concen: 38.473 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion: 50 Resp: 66039

Ion Ratio Lower Upper

50 100

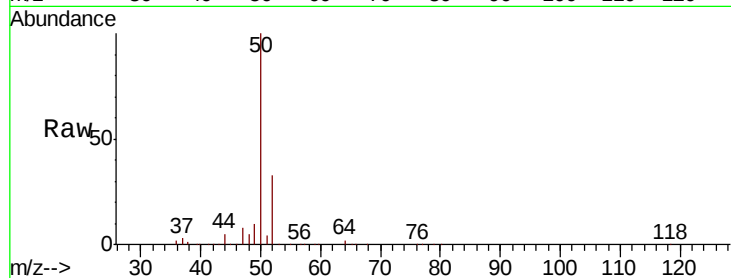
52 32.6 26.5 39.7

Manual Integrations

APPROVED

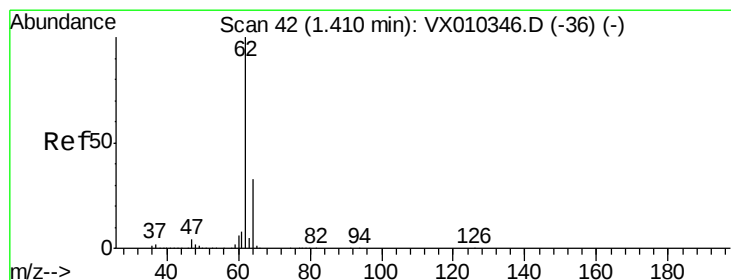
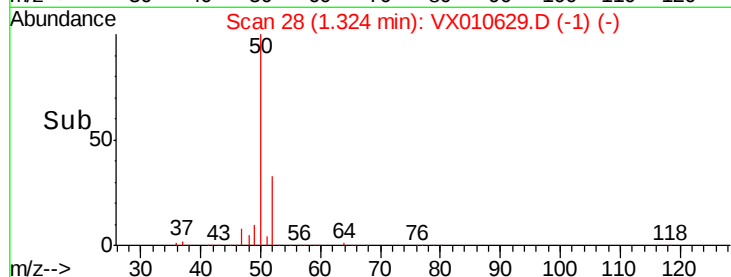
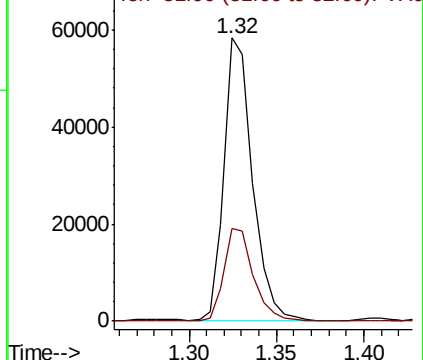
MMDadoda

7/3/2019 9:29:49 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.357 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010629.D

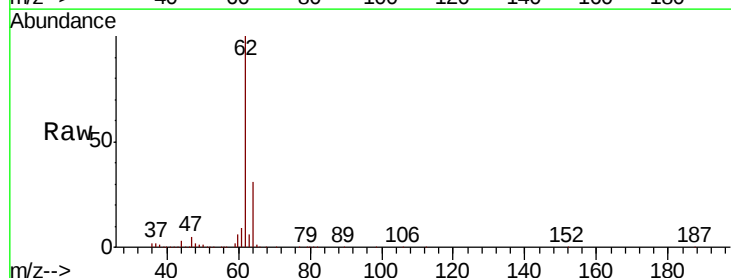
Acq: 02 Jul 2019 19:54

Tgt Ion: 62 Resp: 77755

Ion Ratio Lower Upper

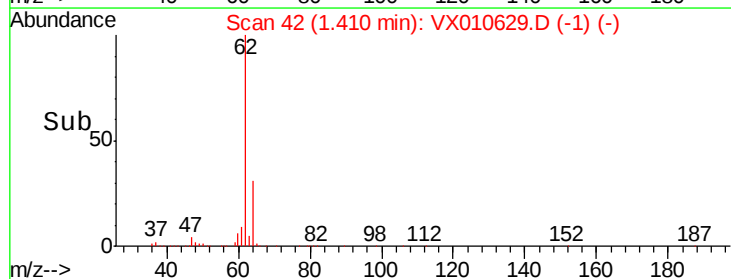
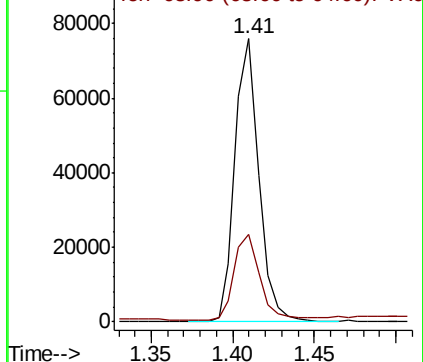
62 100

64 30.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 28.591 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion: 94 Resp: 26188

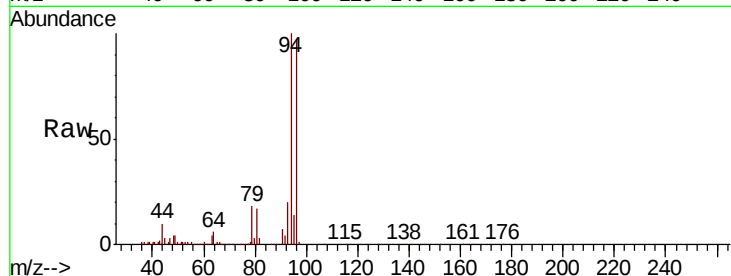
Ion Ratio Lower Upper

94 100

96 97.3 75.5 113.3

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

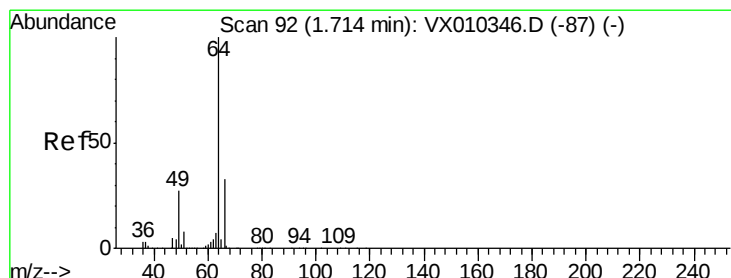
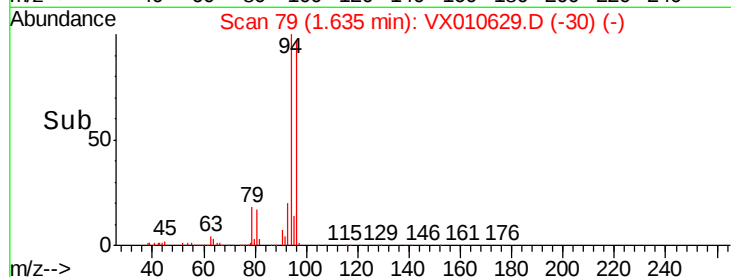
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 47.847 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010629.D

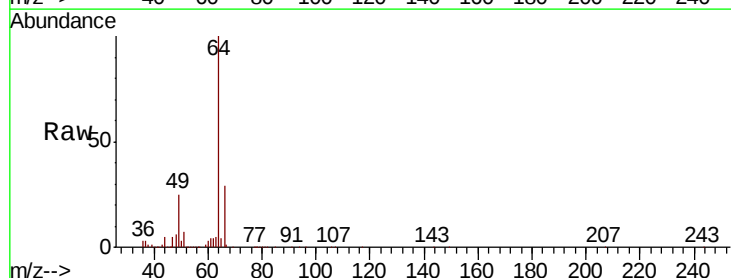
Acq: 02 Jul 2019 19:54

Tgt Ion: 64 Resp: 53073

Ion Ratio Lower Upper

64 100

66 29.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

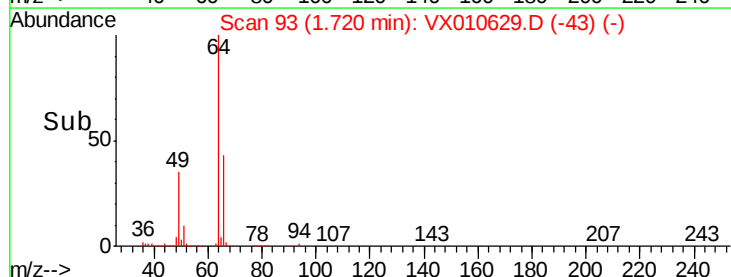
30000

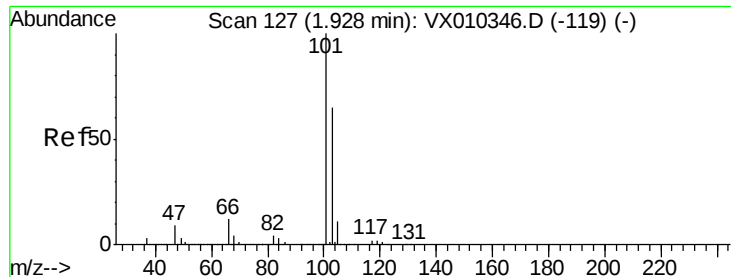
20000

10000

0

Time-->





#7

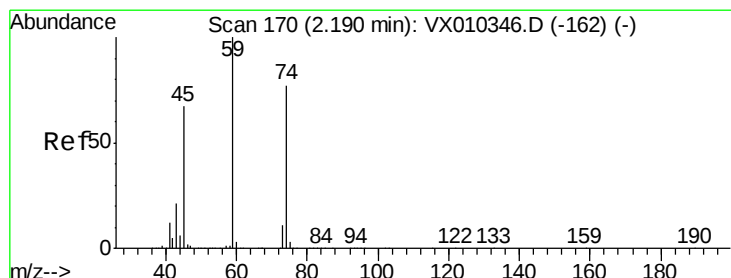
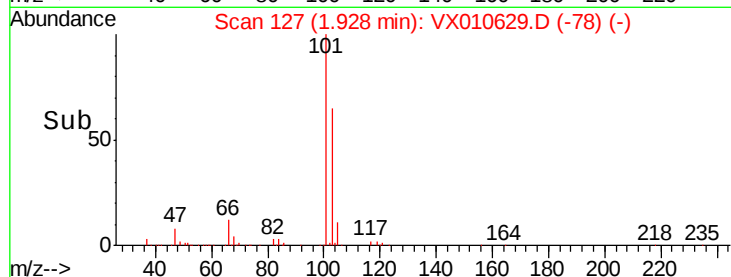
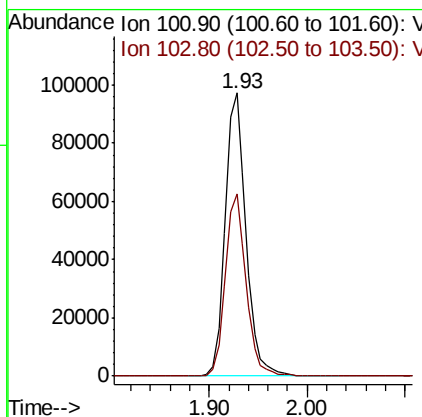
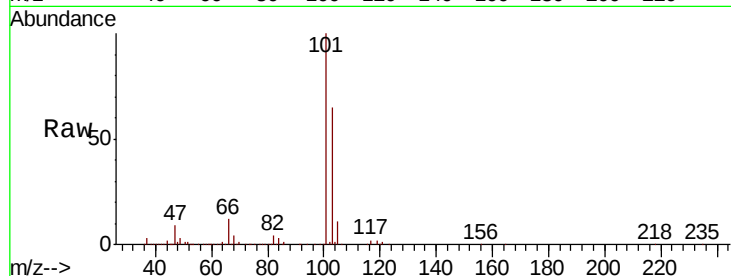
Trichlorofluoromethane
Concen: 47.925 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

Manual Integrations
APPROVED

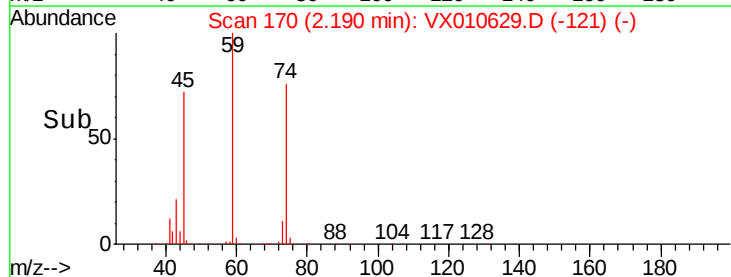
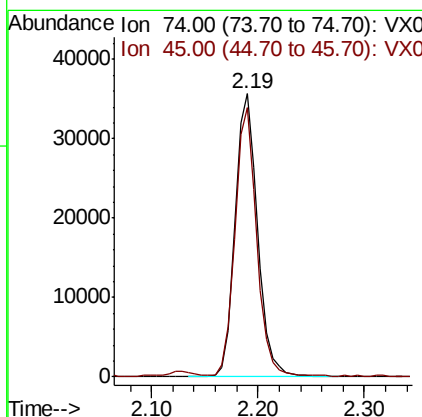
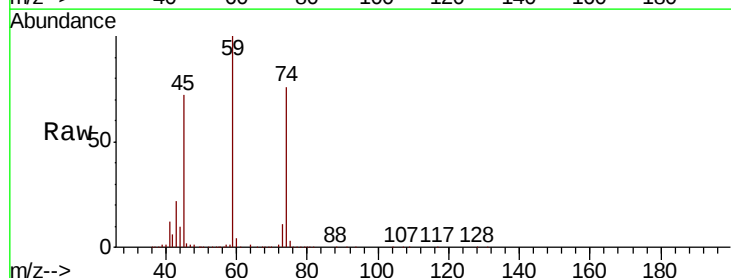
MMDadoda
7/3/2019 9:29:49 AM



#8

Diethyl Ether
Concen: 49.536 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.1	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.171 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion:101 Resp: 81584

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

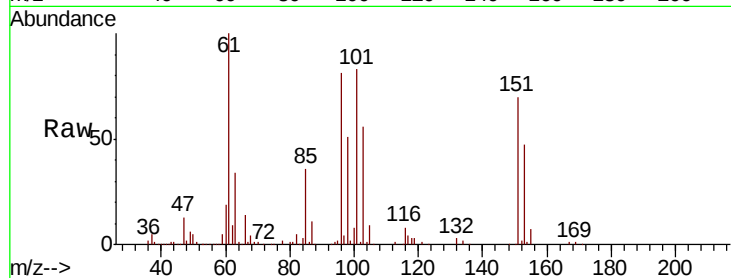
151 87.3 70.1 105.1

Manual Integrations

APPROVED

MMDadoda

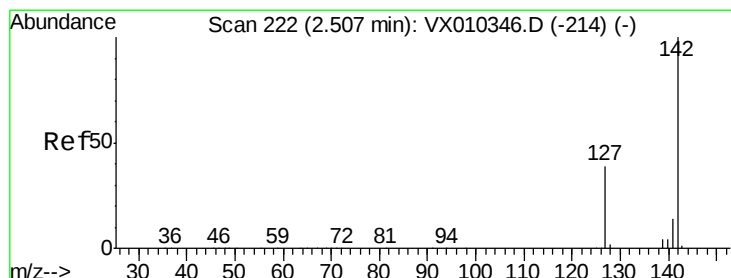
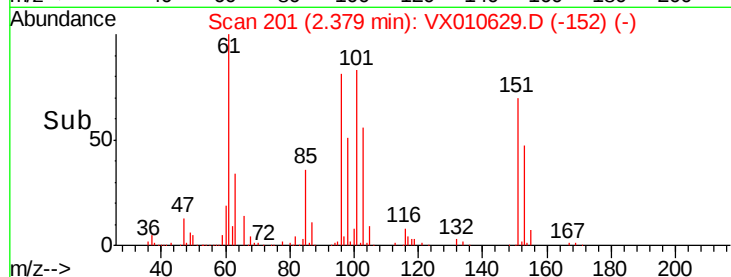
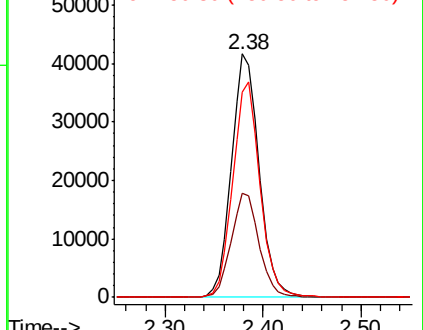
7/3/2019 9:29:49 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.810 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

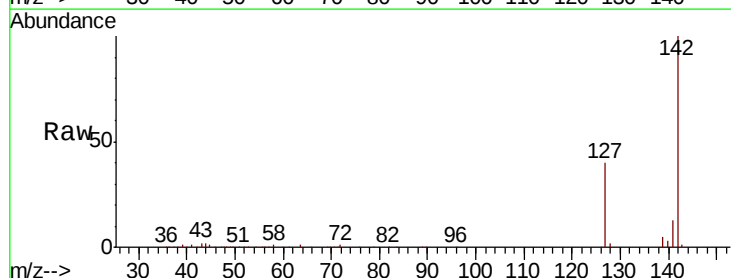
Tgt Ion:142 Resp: 56218

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

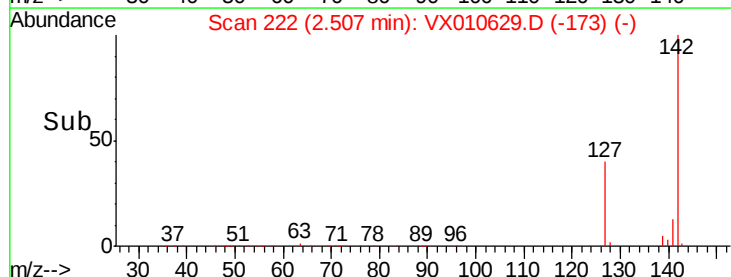
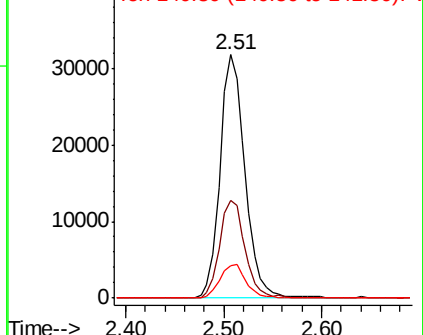
141 14.6 11.2 16.8

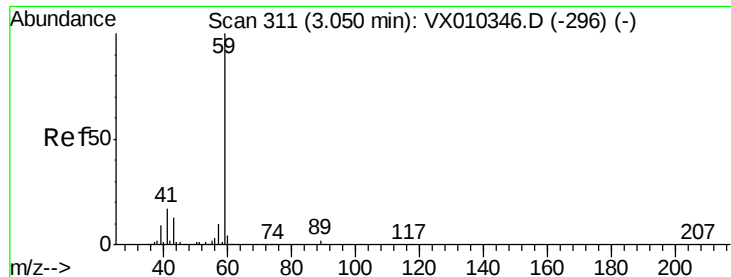


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





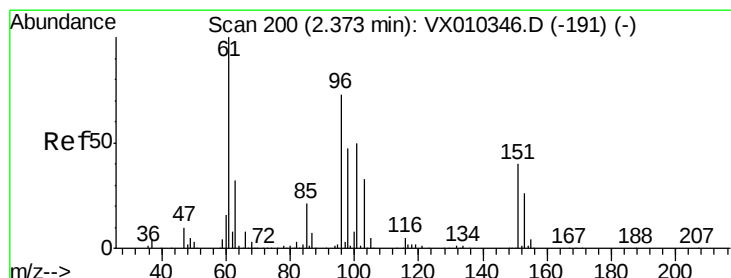
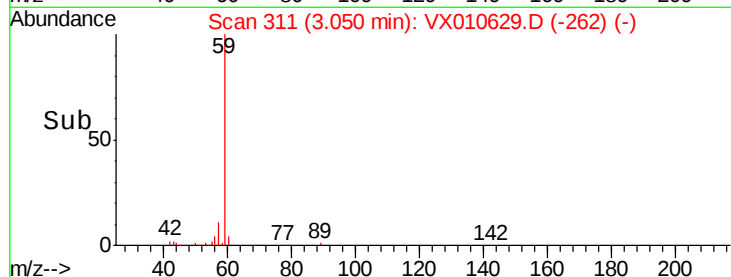
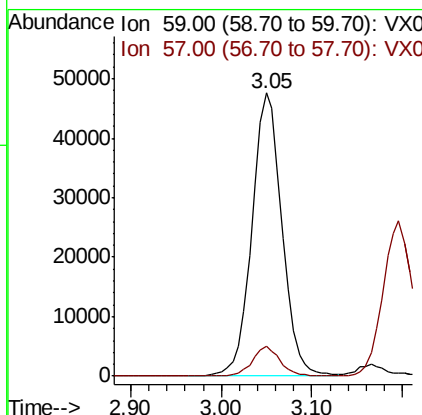
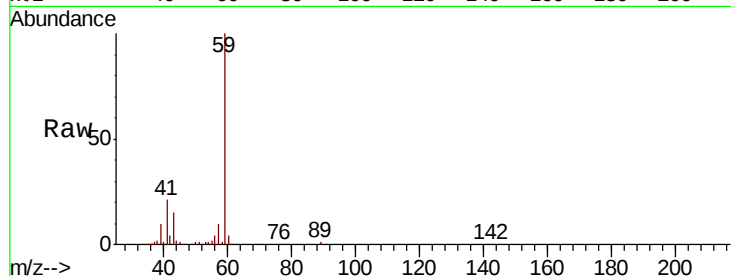
#11
Tert butyl alcohol
Concen: 208.996 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion: 59 Resp: 108719
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5

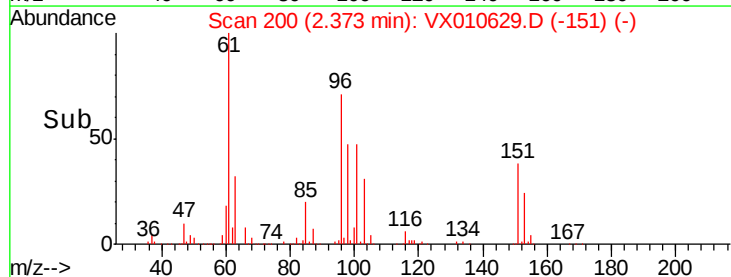
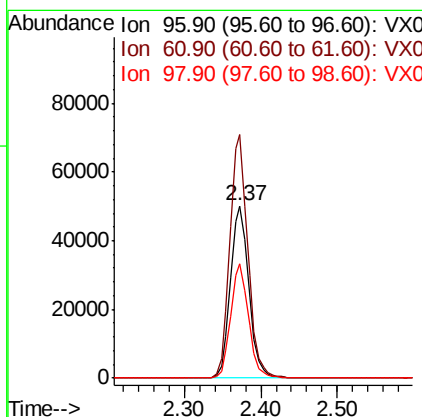
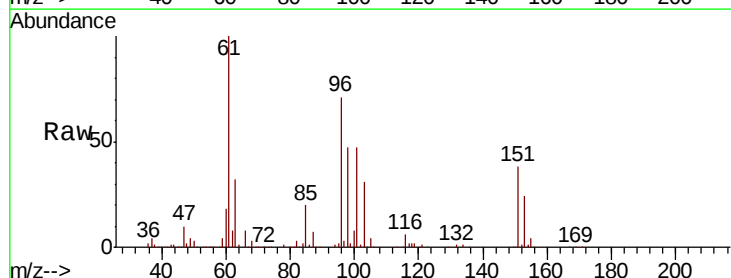
Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#12
1,1-Dichloroethene
Concen: 45.373 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 96 Resp: 83389
Ion Ratio Lower Upper
96 100
61 141.4 109.2 163.8
98 66.5 51.1 76.7





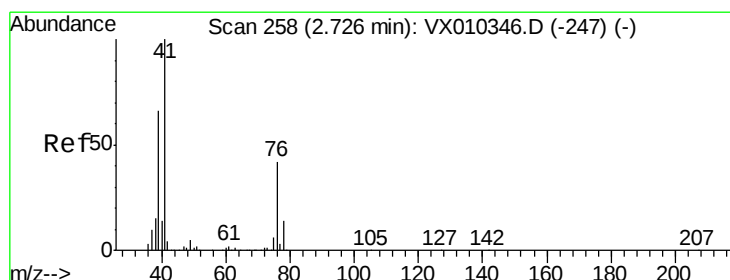
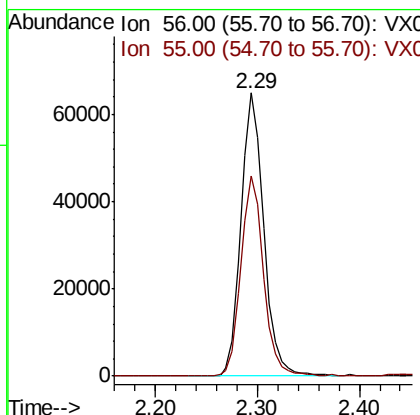
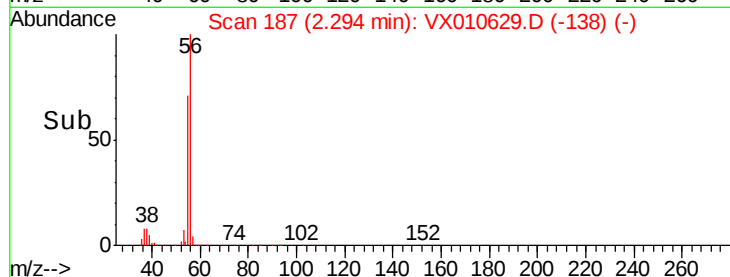
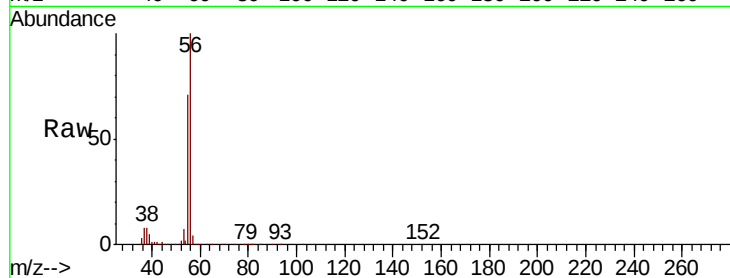
#13
Acrolein
Concen: 290.545 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	56	Resp	100263
Ion Ratio	100	Lower	Upper
55	69.7	56.9	85.3

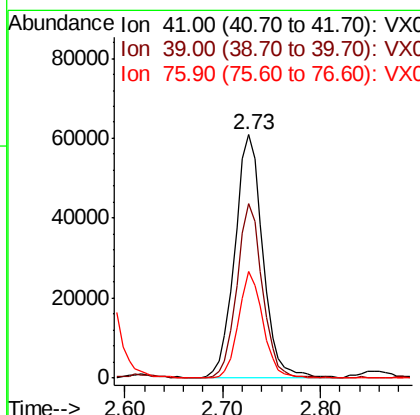
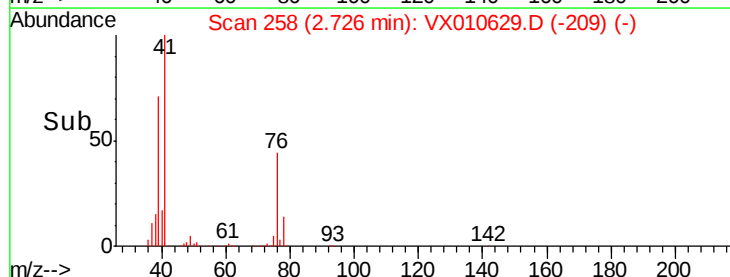
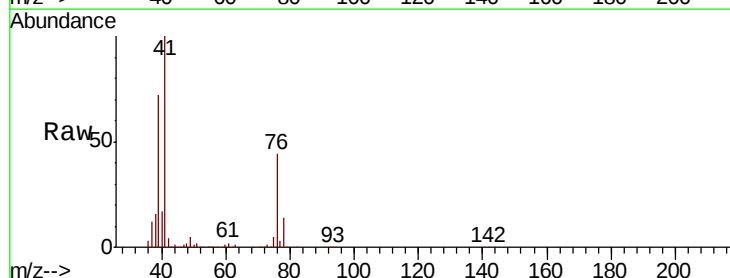
Manual Integrations
APPROVED

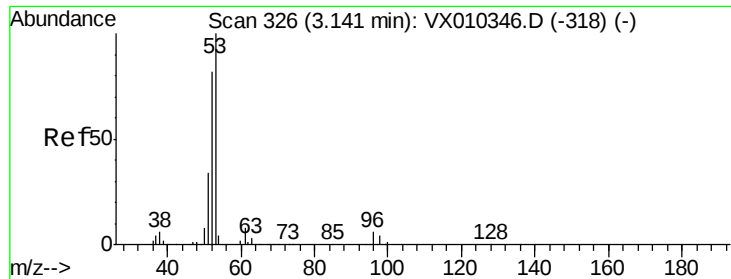
MMDadoda
7/3/2019 9:29:49 AM



#14
Allyl chloride
Concen: 46.382 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	41	Resp	121021
Ion Ratio	100	Lower	Upper
39	65.5	50.3	75.5
76	38.6	31.3	46.9





#15

Acrylonitrile

Concen: 255.302 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

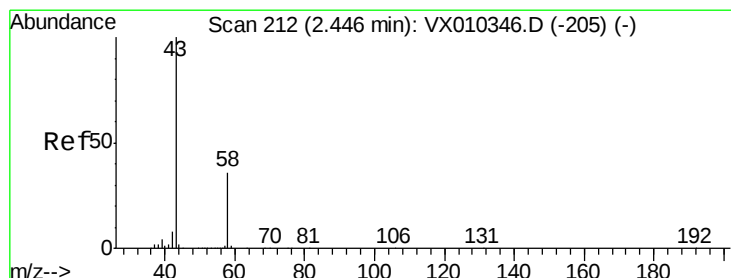
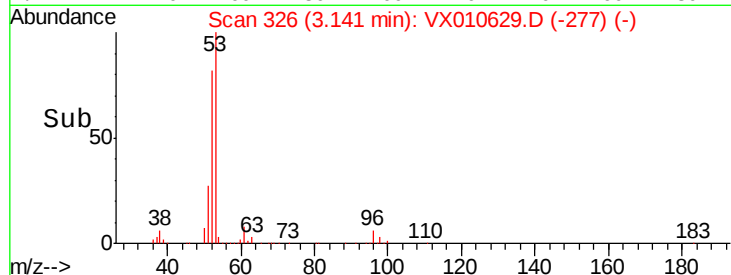
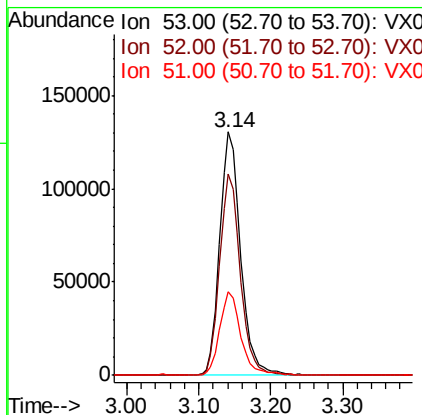
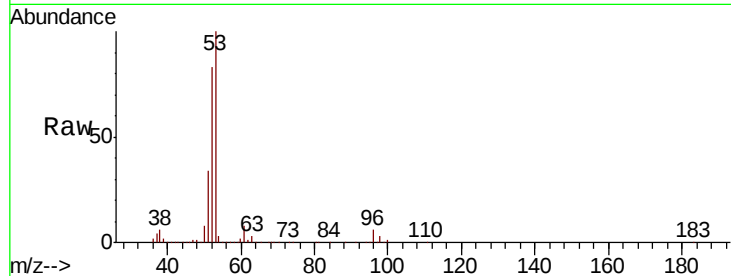
ClientSampleId :

MWHR2-6-070119MS

Tot Ion:	53	Resp:	262944
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	34.8	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#16

Acetone

Concen: 211.557 ug/l

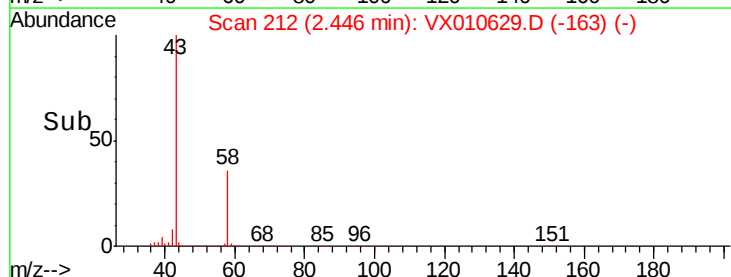
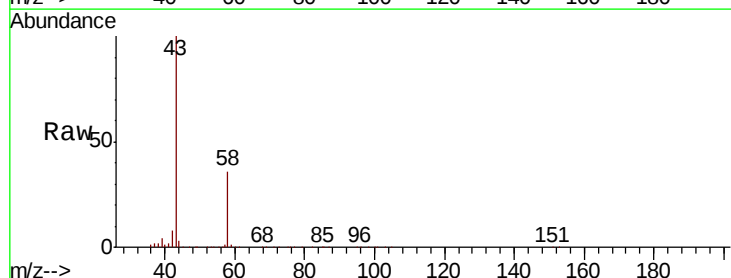
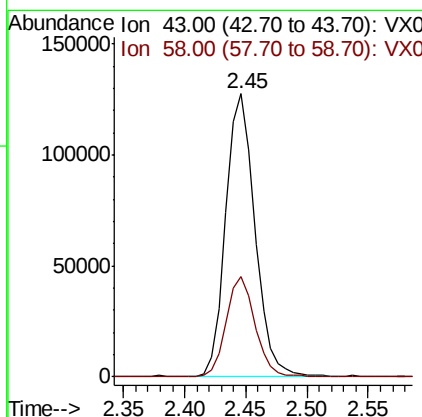
RT: 2.45 min Scan# 212

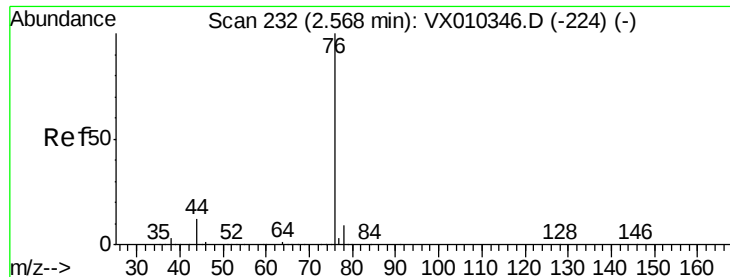
Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion:	43	Resp:	210781
Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.9	43.3





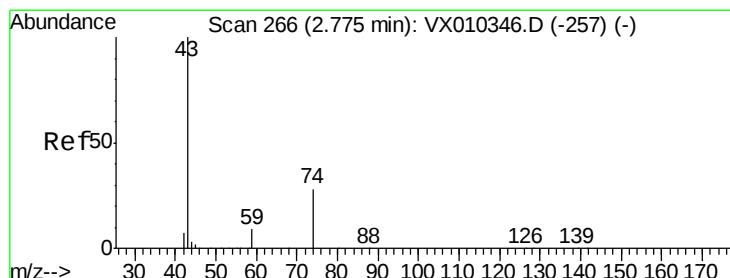
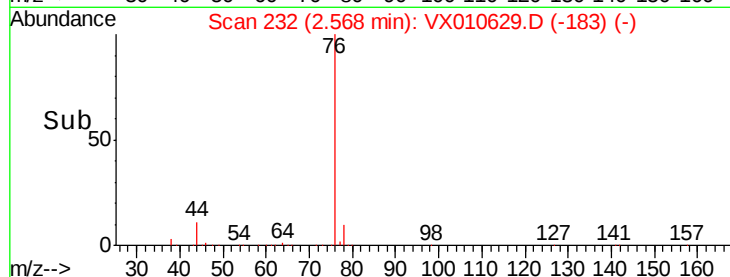
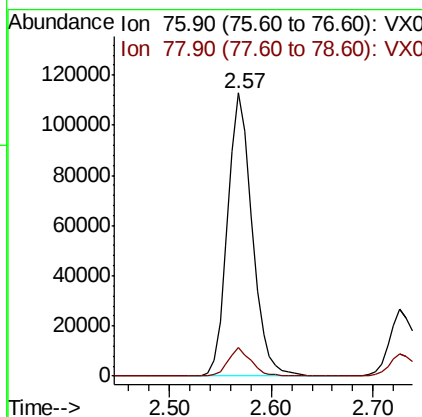
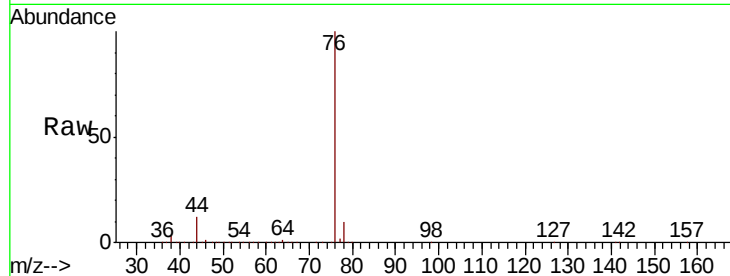
#17
Carbon Disulfide
Concen: 38.182 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9

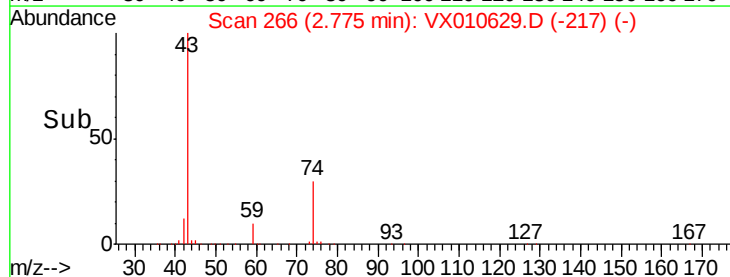
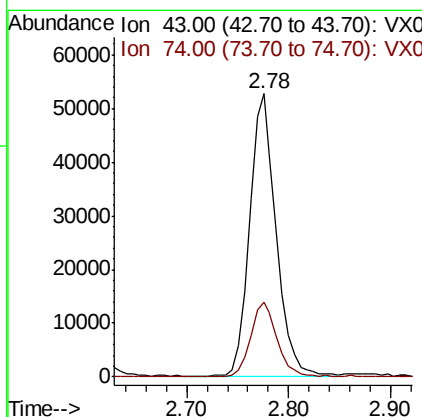
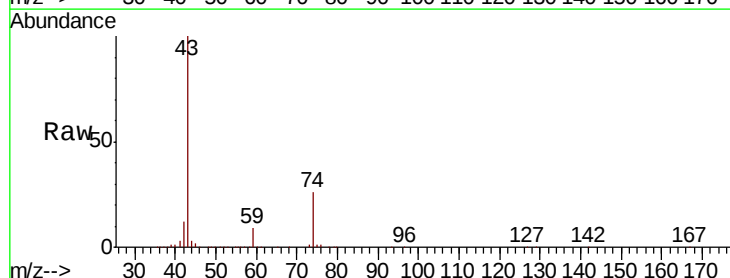
Manual Integrations
APPROVED

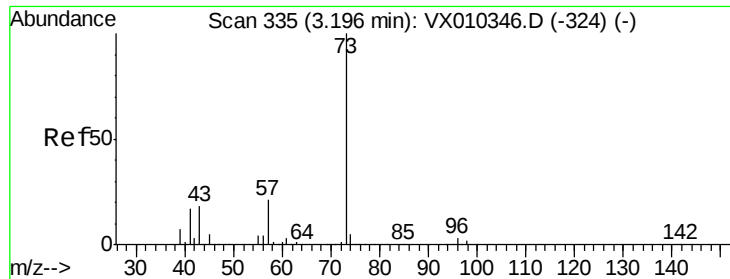
MMDadoda
7/3/2019 9:29:49 AM



#18
Methyl Acetate
Concen: 47.682 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.3	31.9





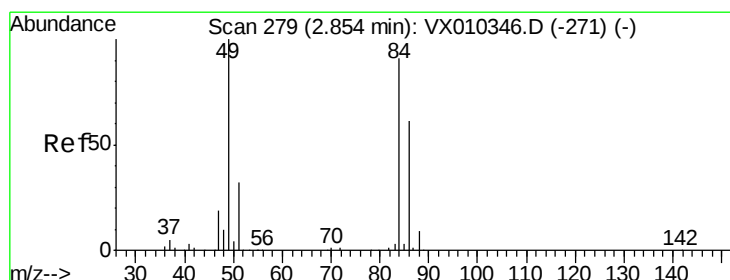
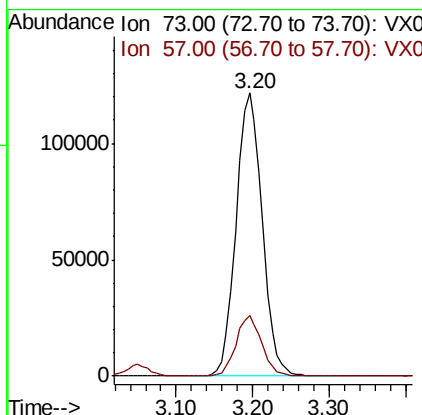
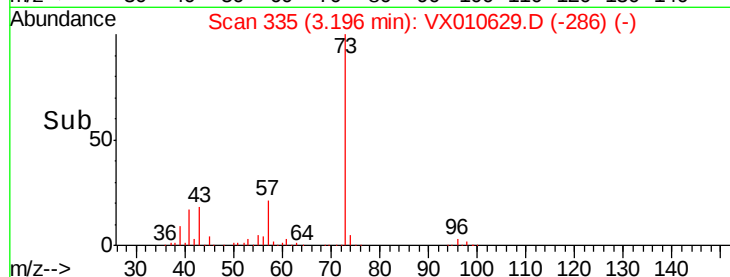
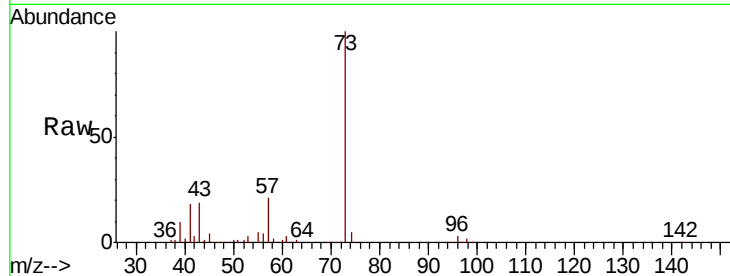
#19
Methyl tert-butyl Ether
Concen: 49.692 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.4	24.6

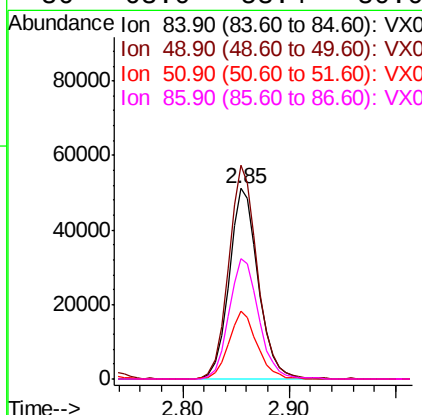
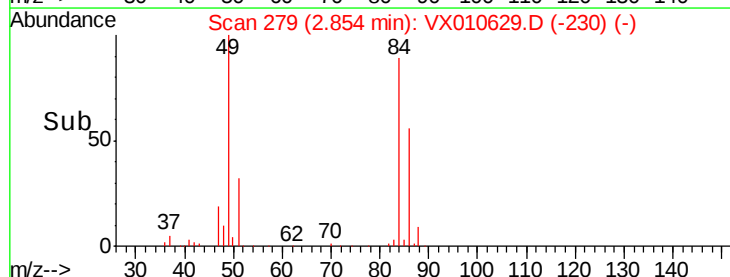
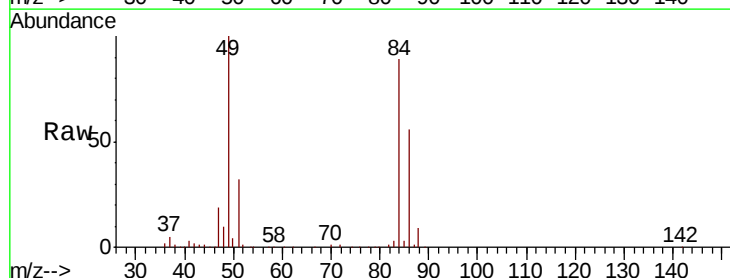
Manual Integrations
APPROVED

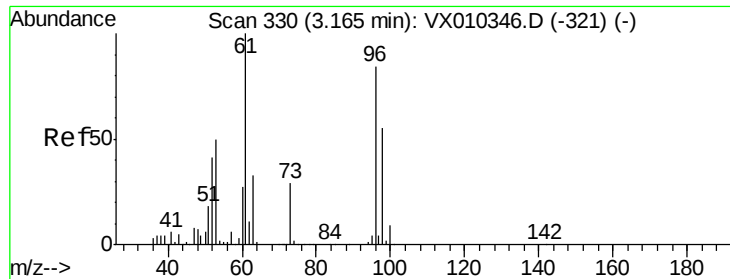
MMDadoda
7/3/2019 9:29:49 AM



#20
Methylene Chloride
Concen: 47.563 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.0	87.5	131.3
51	35.5	27.7	41.5
86	63.0	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 45.353 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

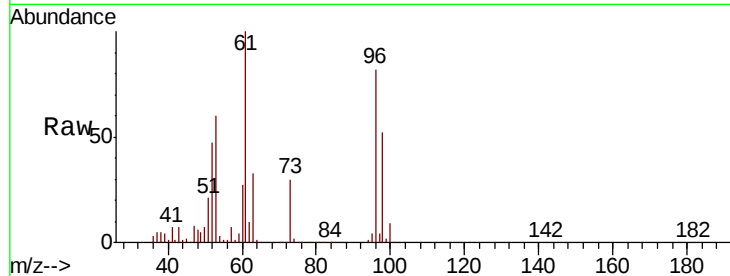
ClientSampleId :

MWHR2-6-070119MS

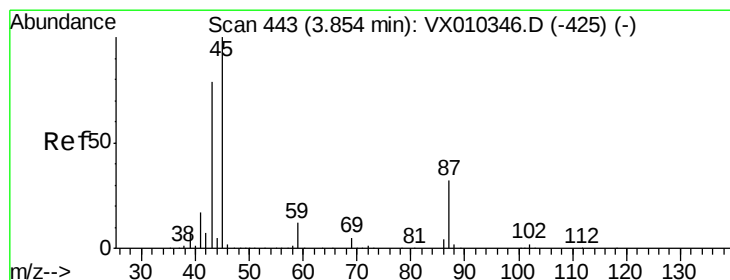
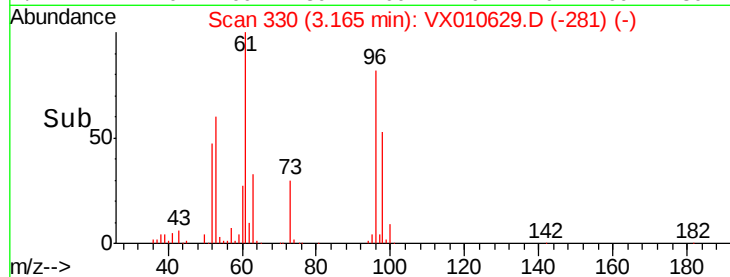
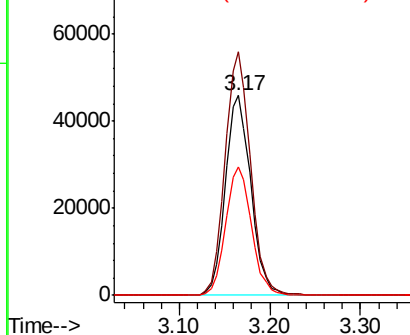
Tot Ion:	96	Resp:	89646
Ion	Ratio	Lower	Upper
96	100		
61	121.9	95.6	143.4
98	64.0	52.5	78.7

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.051 ug/l

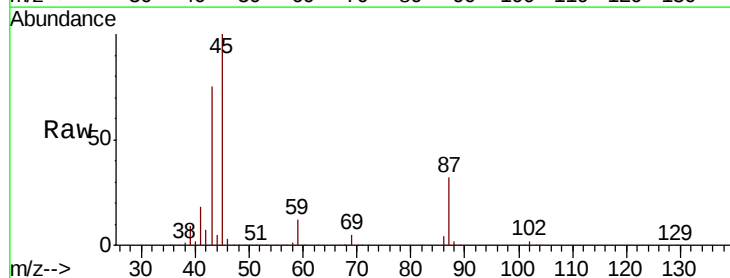
RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

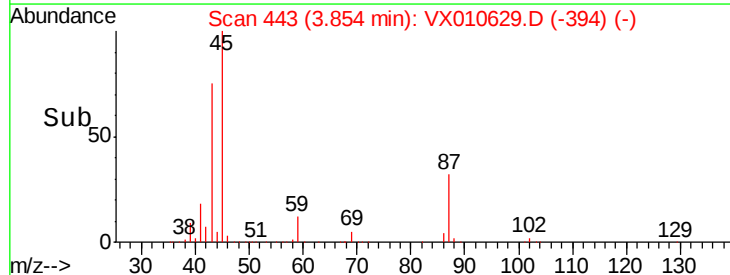
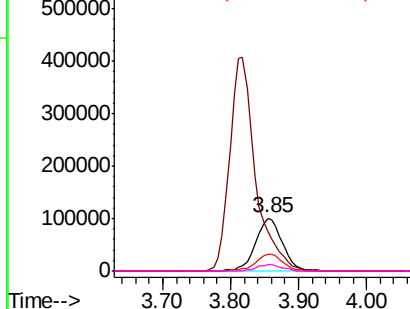
Lab File: VX010629.D

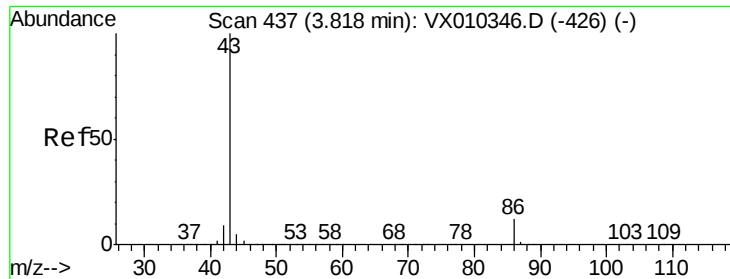
Acq: 02 Jul 2019 19:54

Tgt Ion:	45	Resp:	273041
Ion	Ratio	Lower	Upper
45	100		
43	74.9	63.3	94.9
87	32.0	25.8	38.8
59	12.3	9.6	14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





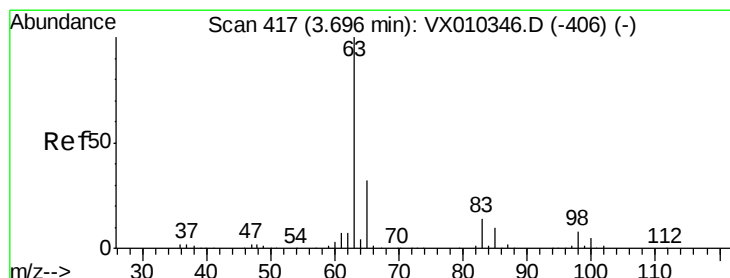
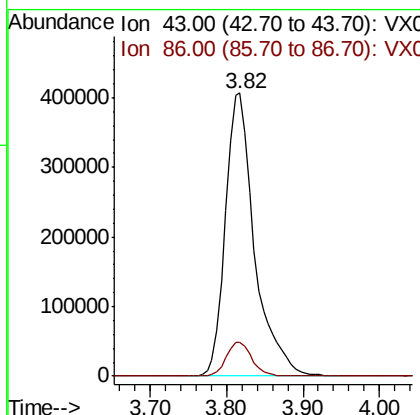
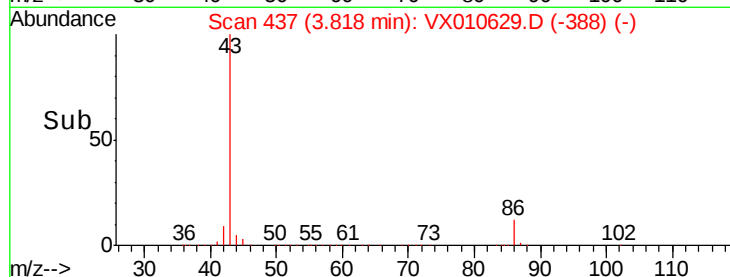
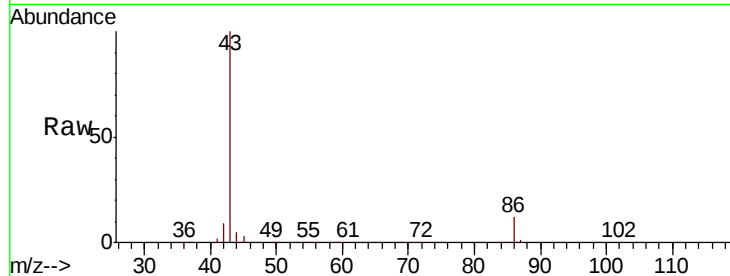
#23
 Vinyl Acetate
 Concen: 227.232 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion: 43 Resp: 1070890
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.9 14.9

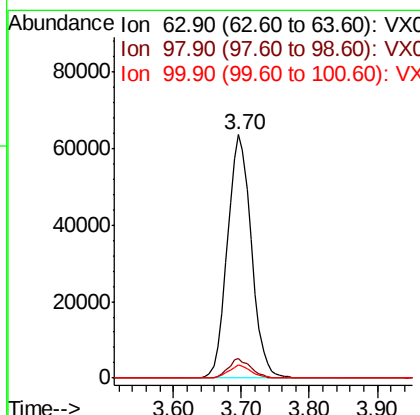
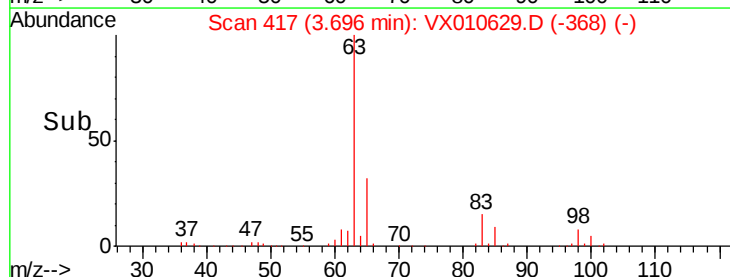
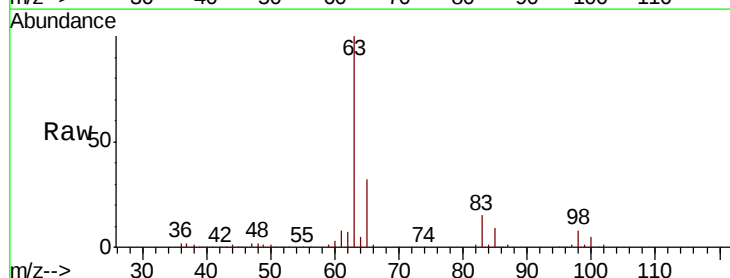
Manual Integrations
 APPROVED

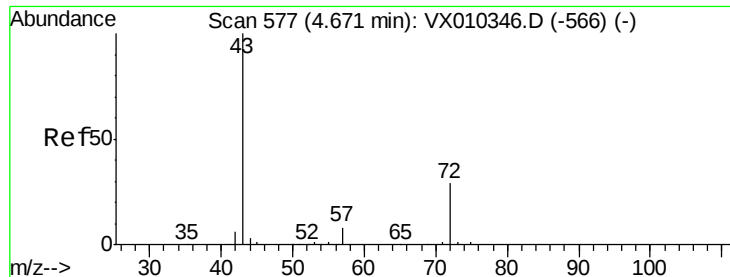
MMDadoda
 7/3/2019 9:29:49 AM



#24
 1,1-Dichloroethane
 Concen: 49.056 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 63 Resp: 154689
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.2 2.4 7.1





#25

2-Butanone

Concen: 240.140 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion: 43 Resp: 350962

Ion Ratio Lower Upper

43 100

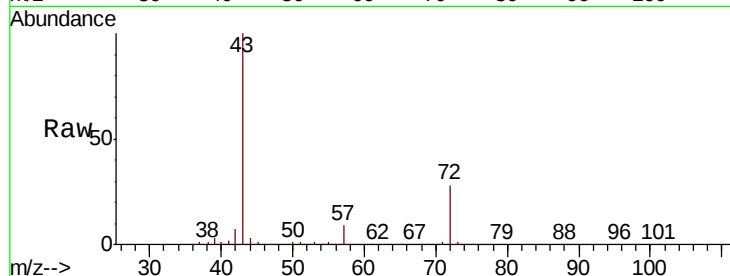
72 28.3 23.3 34.9

Manual Integrations

APPROVED

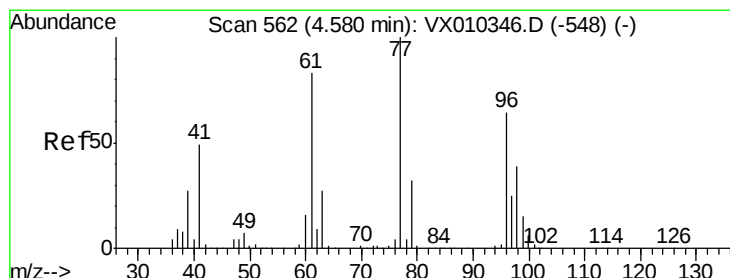
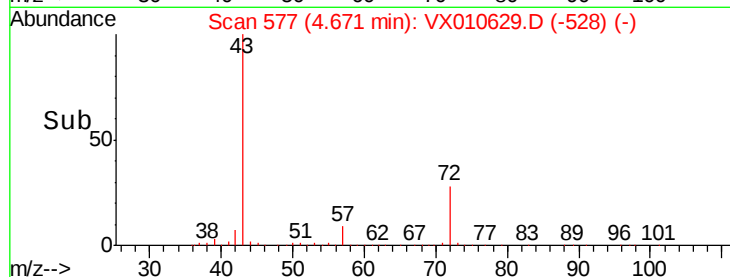
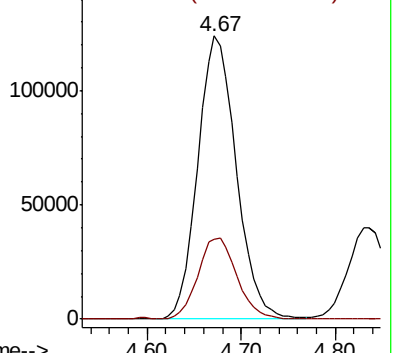
MMDadoda

7/3/2019 9:29:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.358 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010629.D

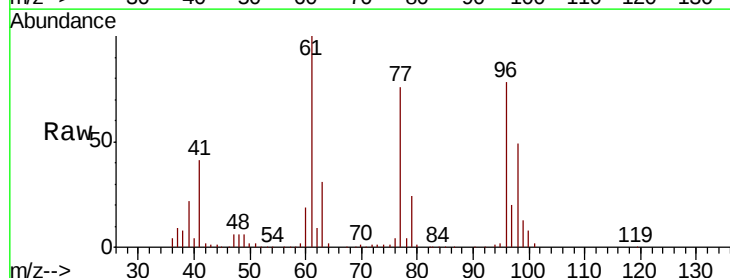
Acq: 02 Jul 2019 19:54

Tgt Ion: 77 Resp: 102334

Ion Ratio Lower Upper

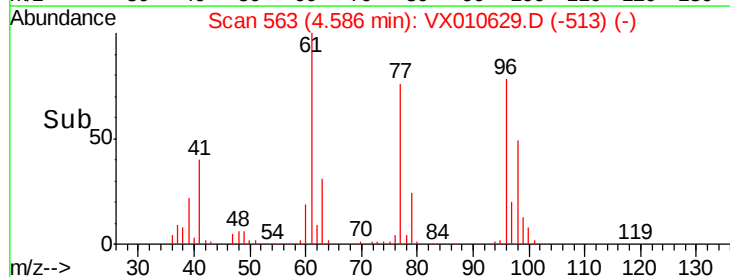
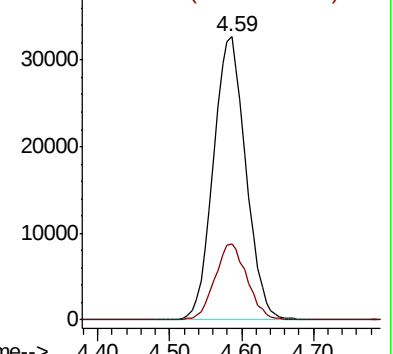
77 100

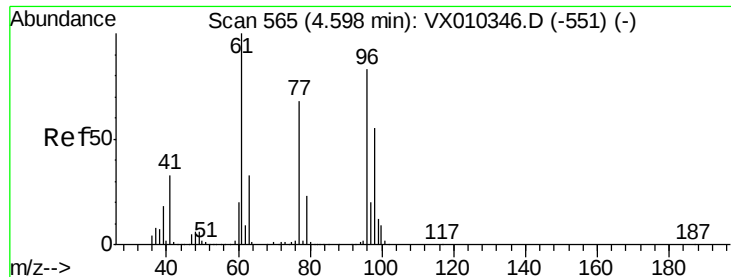
97 26.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

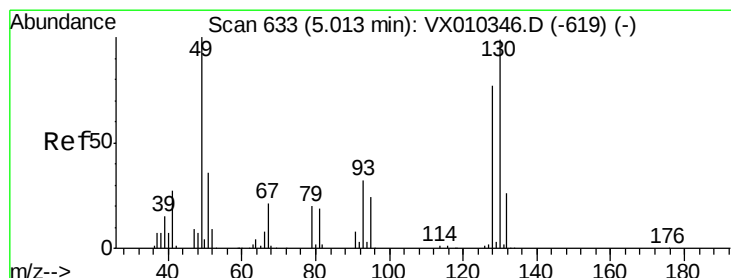
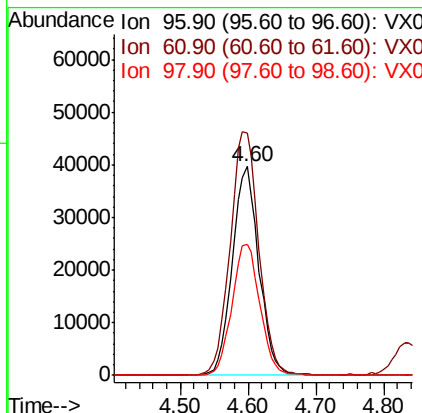
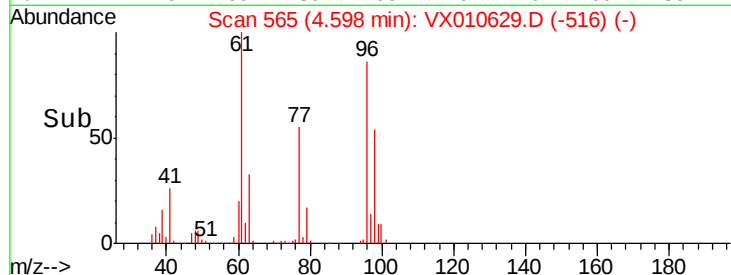
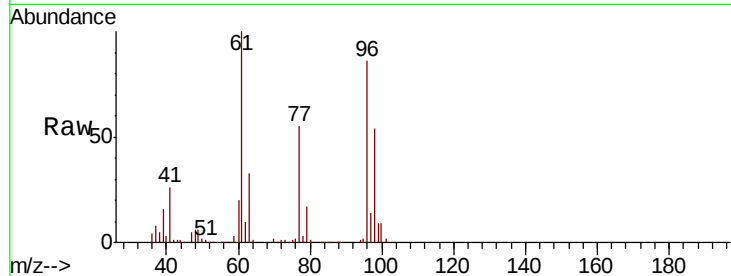
cis-1,2-Dichloroethene
Concen: 47.015 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	251.8
98	66.0	0.0	129.4

Manual Integrations
APPROVED

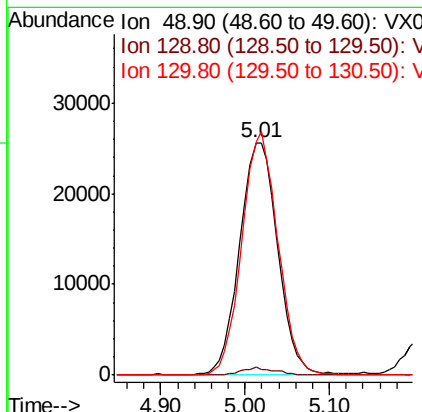
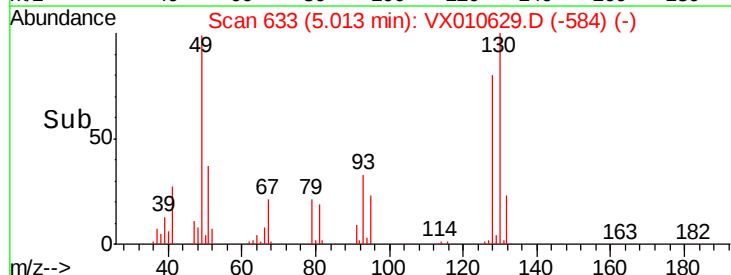
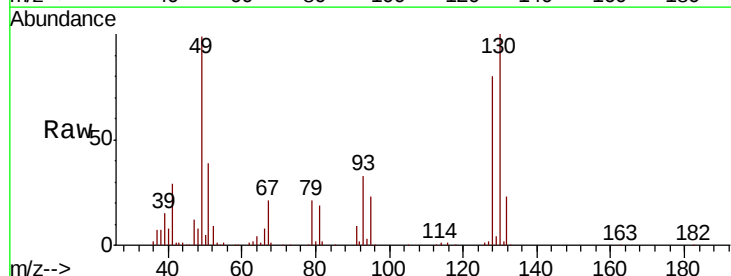
MMDadoda
7/3/2019 9:29:49 AM

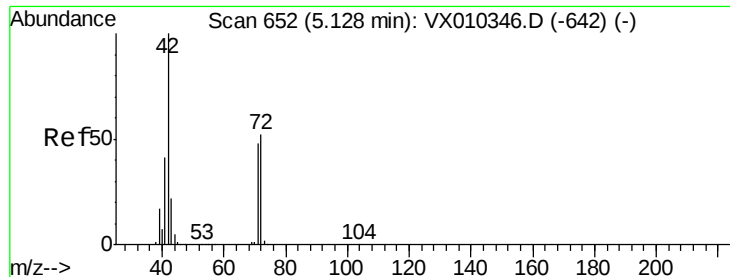


#28

Bromochloromethane
Concen: 52.200 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	98.7	81.4	122.0





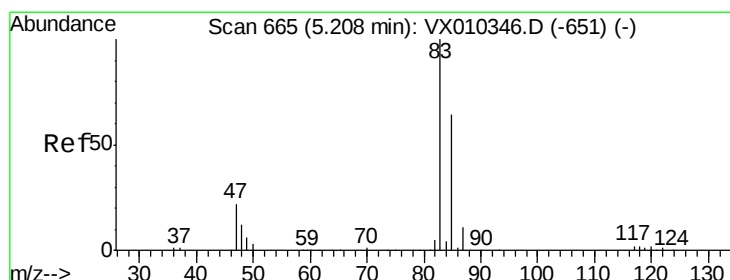
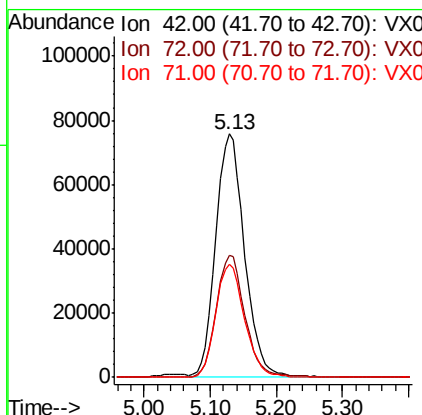
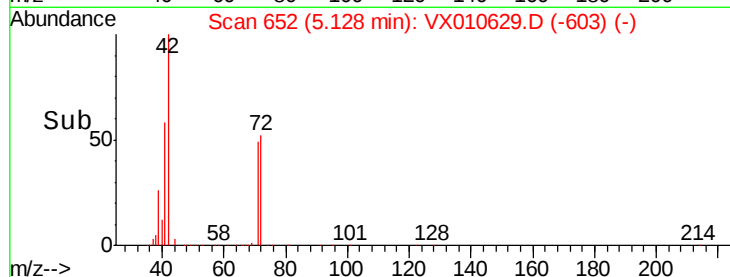
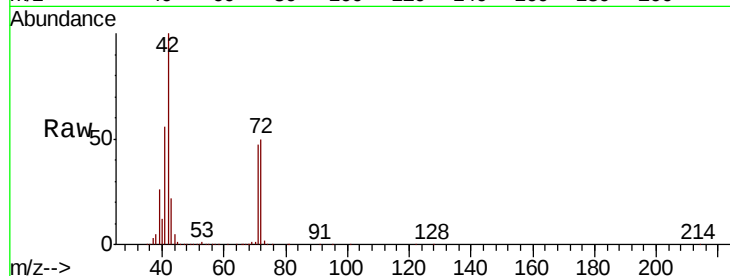
#29
Tetrahydrofuran
Concen: 251.771 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	40.6	60.8
71	46.8	37.8	56.8

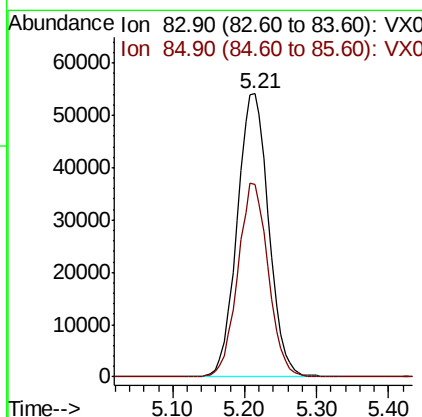
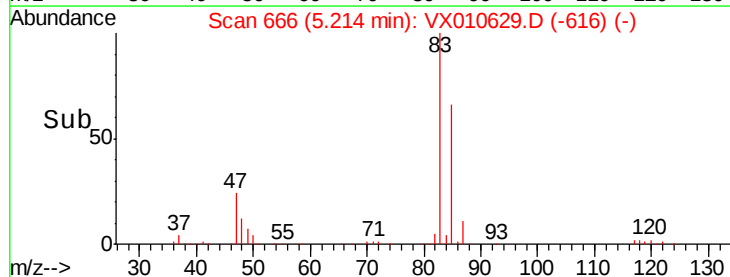
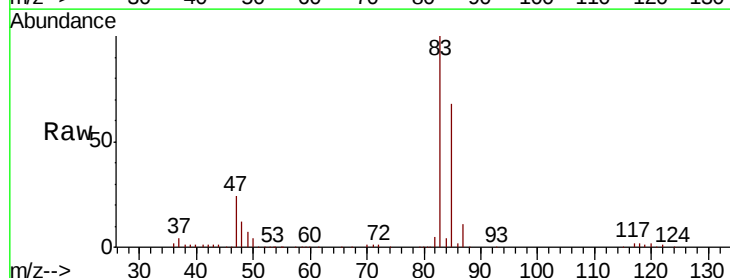
Manual Integrations
APPROVED

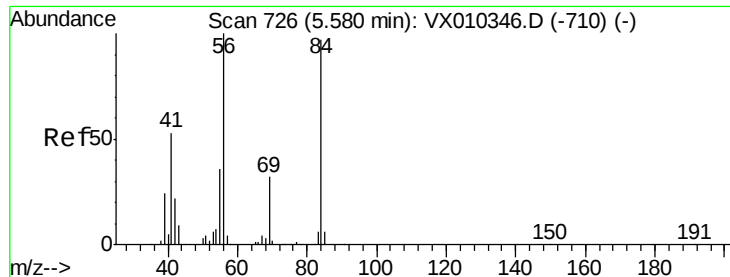
MMDadoda
7/3/2019 9:29:49 AM



#30
Chloroform
Concen: 48.526 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.9	76.3





#31

Cyclohexane

Concen: 45.115 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

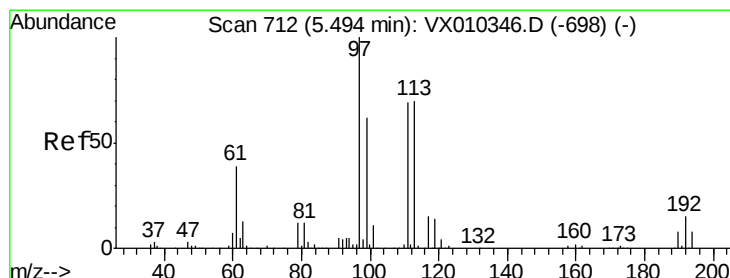
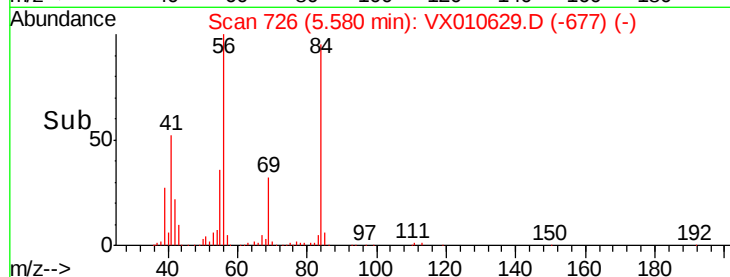
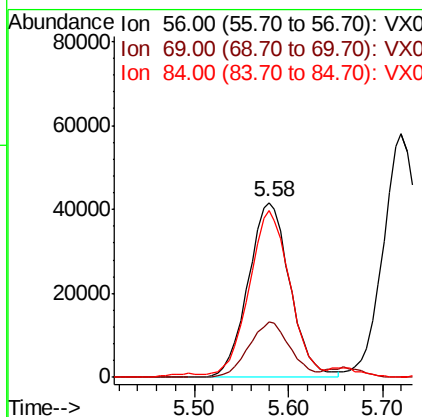
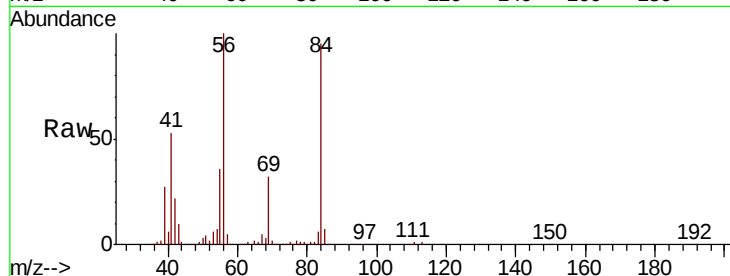
ClientSampleId :

MWHR2-6-070119MS

Tot Ion:	56	Resp:	129552
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.9	38.9
84	93.1	78.0	117.0

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#32

1,1,1-Trichloroethane

Concen: 48.220 ug/l

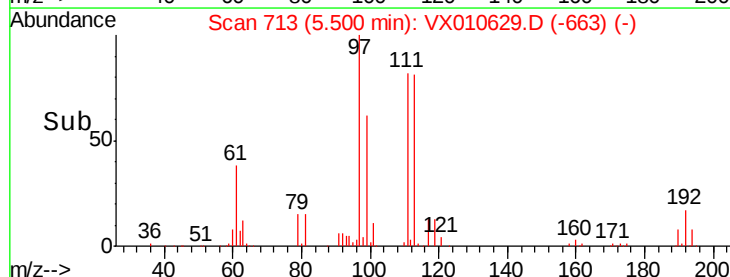
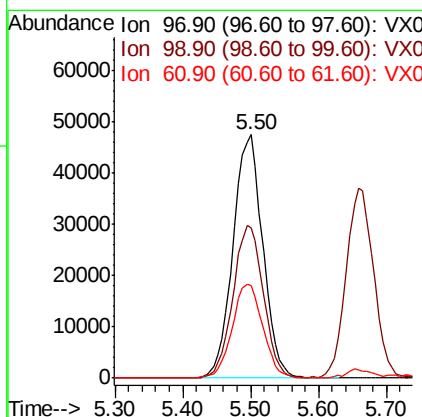
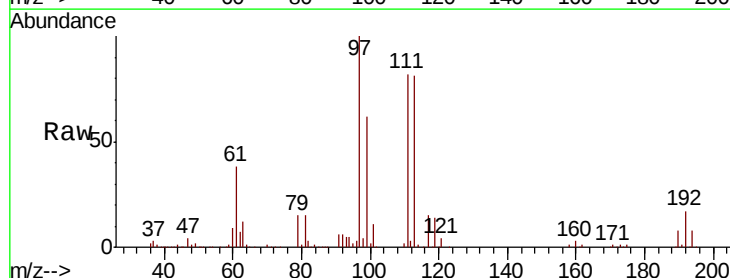
RT: 5.50 min Scan# 713

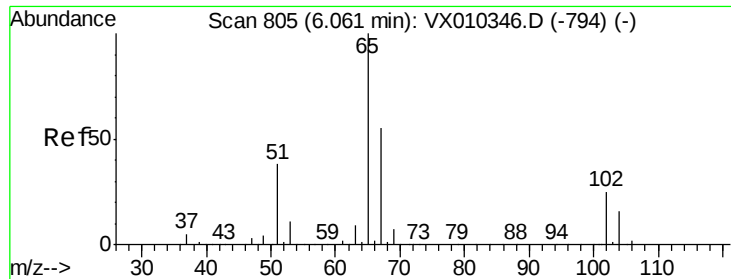
Delta R.T. 0.01 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion:	97	Resp:	144459
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	39.7	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 55.557 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tot Ion: 65 Resp: 110447

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2

Instrument :

MSVOA_X

ClientSampleId :

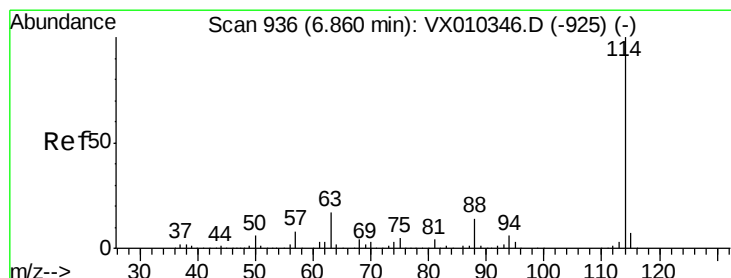
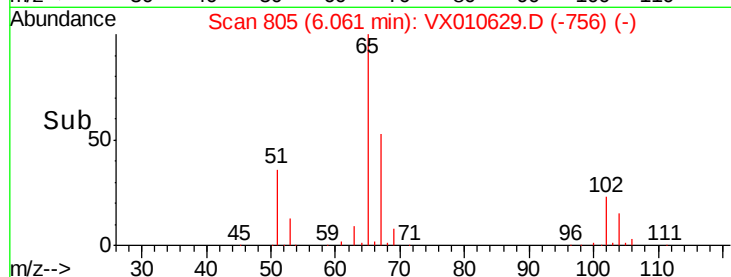
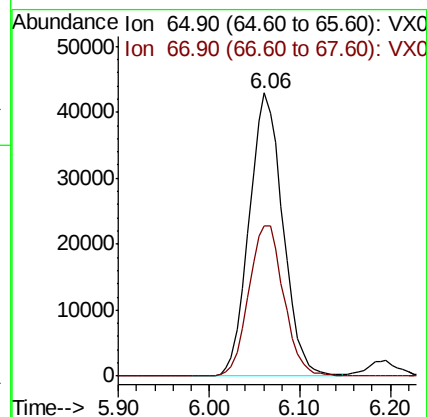
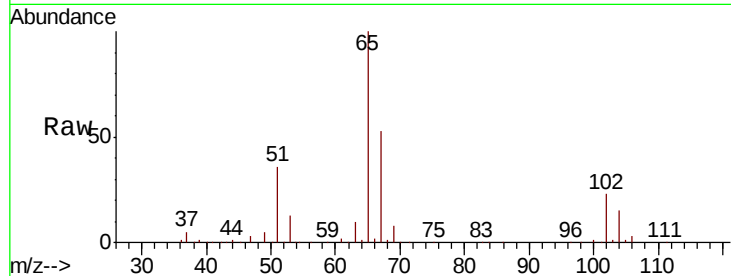
MWHR2-6-070119MS

Manual Integrations

APPROVED

MMDadoda

7/3/2019 9:29:49 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

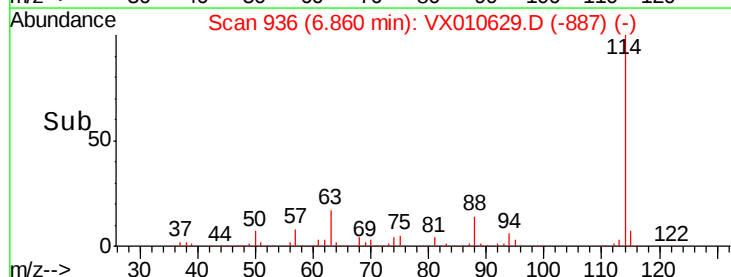
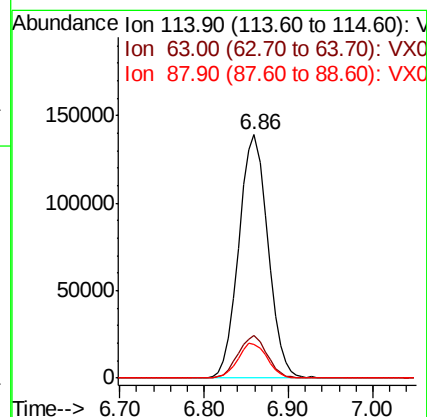
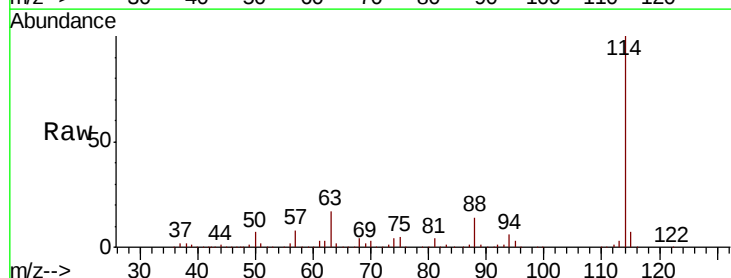
Tgt Ion: 114 Resp: 325193

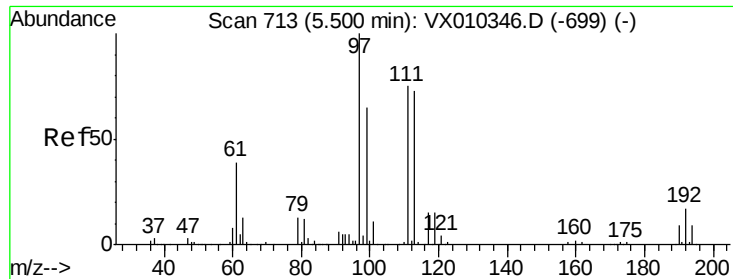
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.8

88 14.0 0.0 27.6





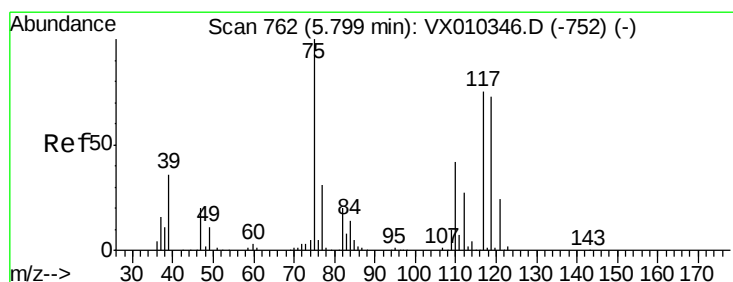
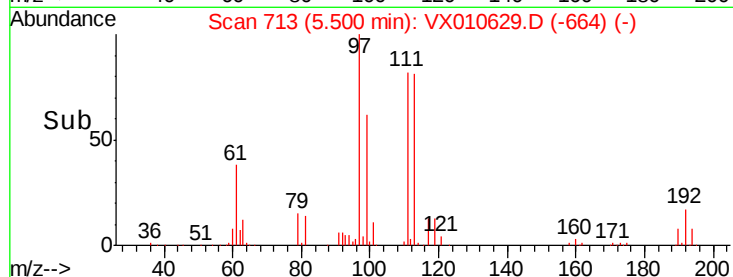
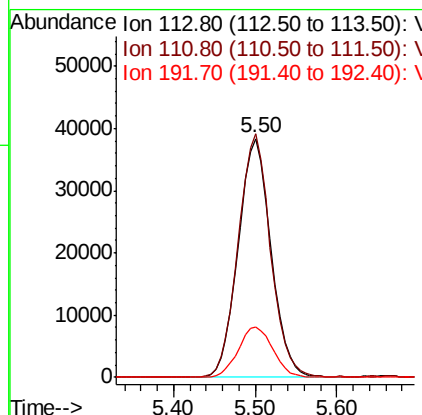
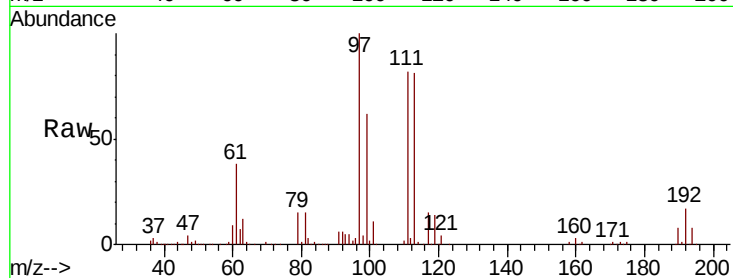
#35
 Dibromofluoromethane
 Concen: 53.801 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107046		
111	100.8	81.2	121.8	
192	22.2	18.6	27.8	

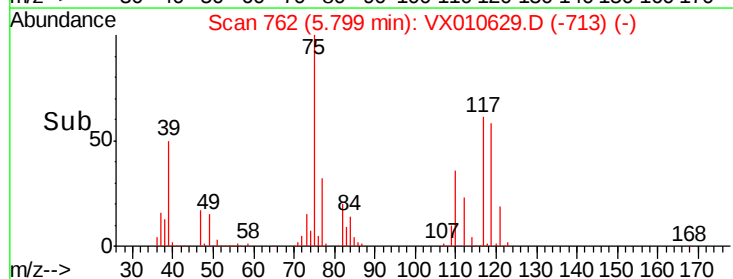
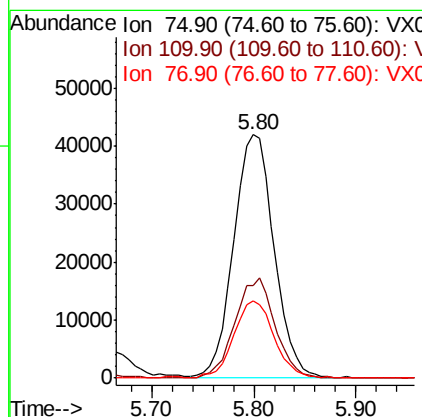
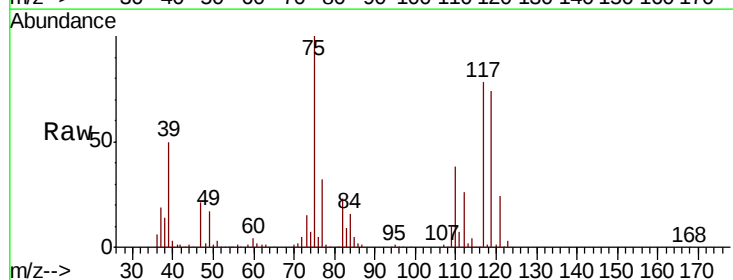
Manual Integrations
 APPROVED

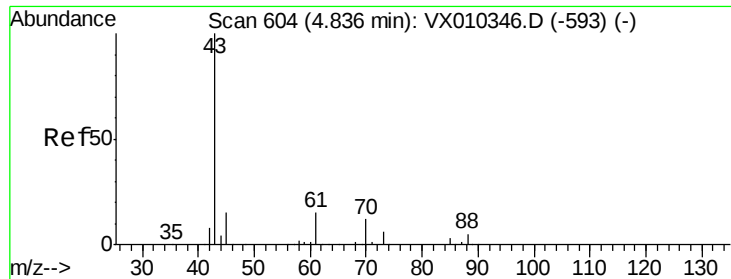
MMDadoda
 7/3/2019 9:29:49 AM



#36
 1,1-Dichloropropene
 Concen: 44.240 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114323		
110	41.4	20.8	62.2	
77	32.0	25.4	38.0	





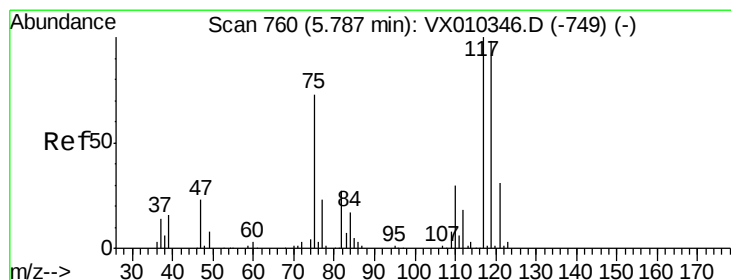
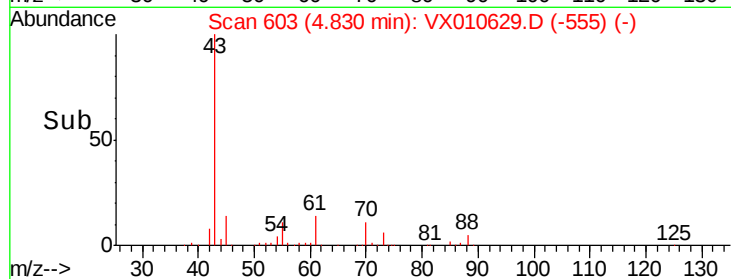
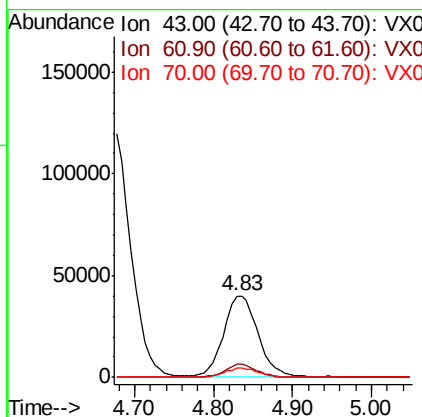
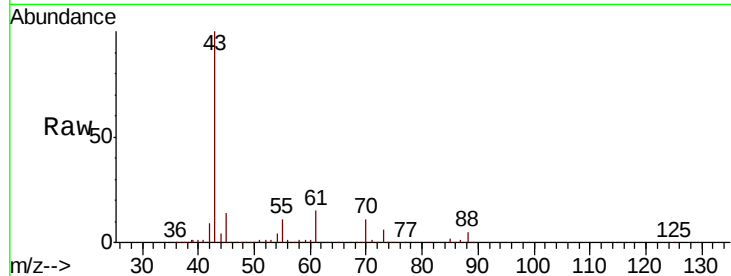
#37
Ethyl Acetate
Concen: 45.159 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.4	18.6
70	11.7	9.8	14.8

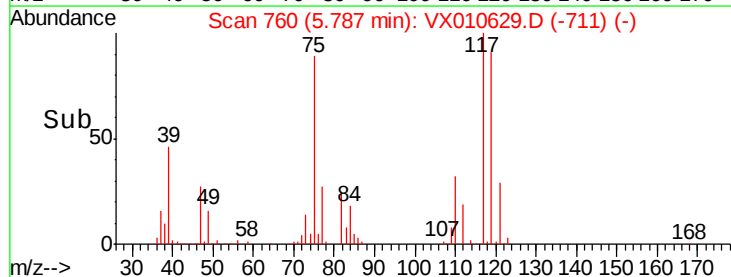
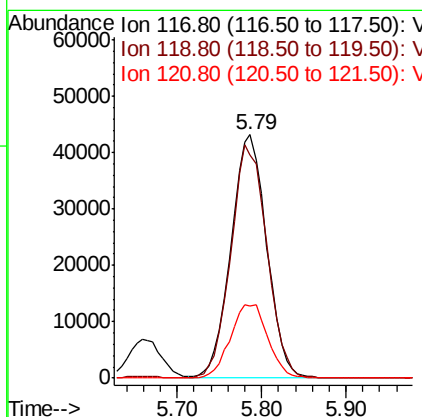
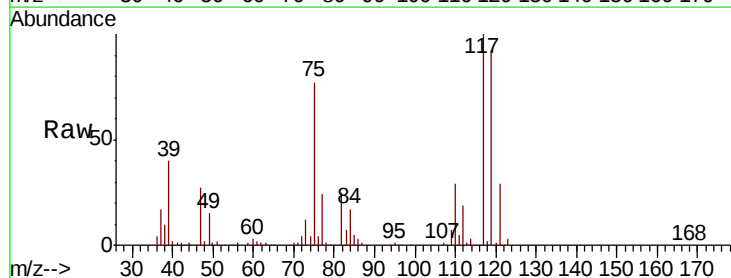
Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#38
Carbon Tetrachloride
Concen: 44.372 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	78.2	117.4
121	29.4	24.7	37.1





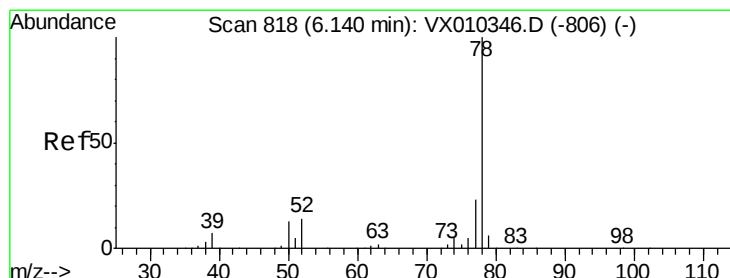
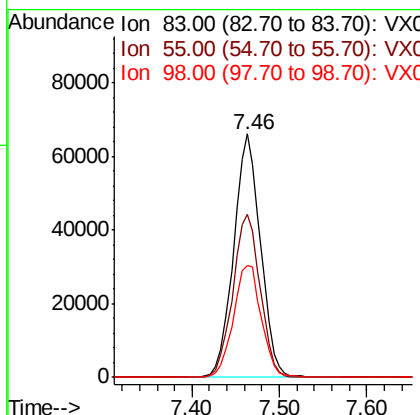
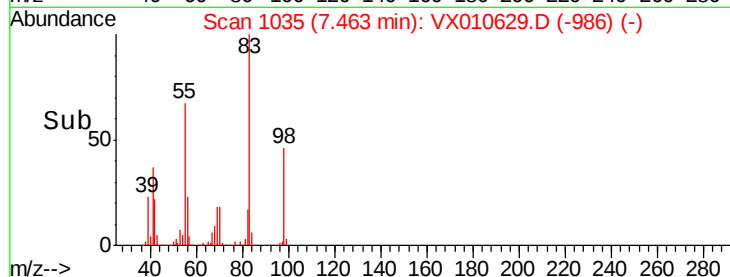
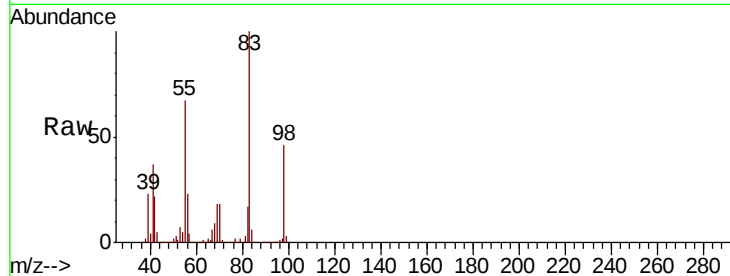
#39
Methvlcvclohexane
Concen: 41.403 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.1	53.0	79.6
98	46.2	37.8	56.8

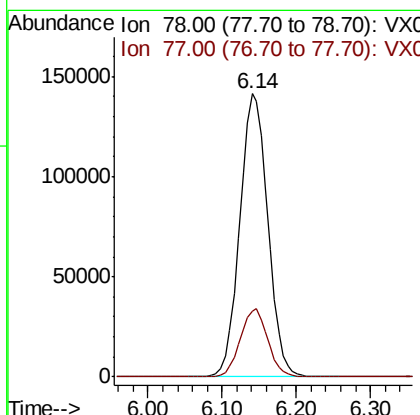
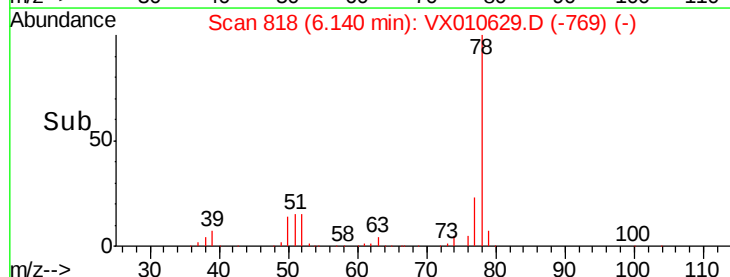
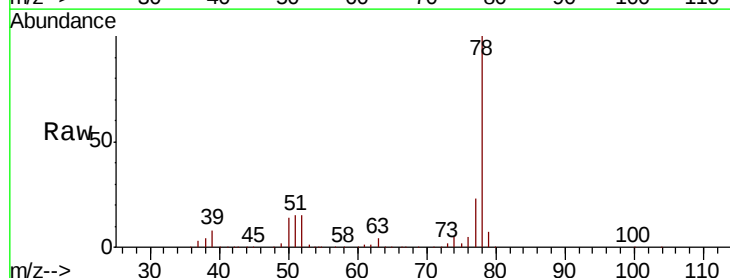
Manual Integrations
APPROVED

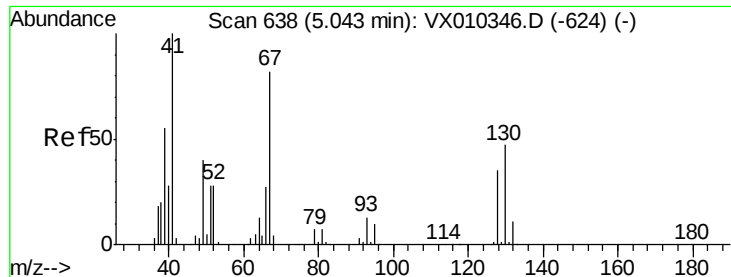
MMDadoda
7/3/2019 9:29:49 AM



#40
Benzene
Concen: 46.360 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





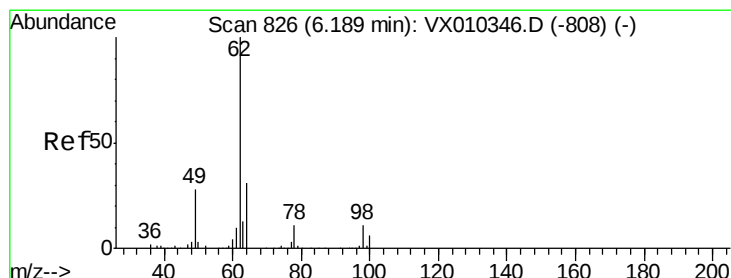
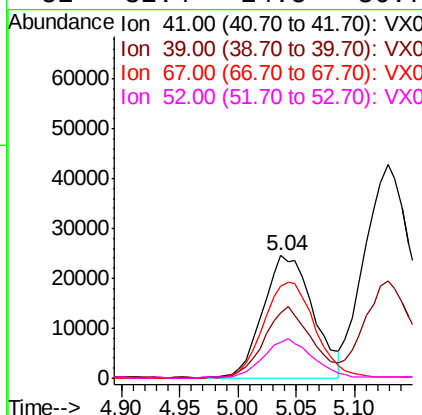
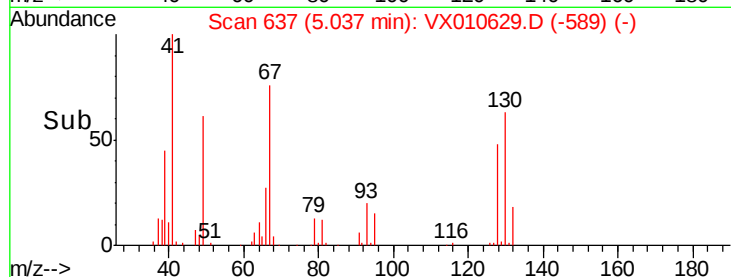
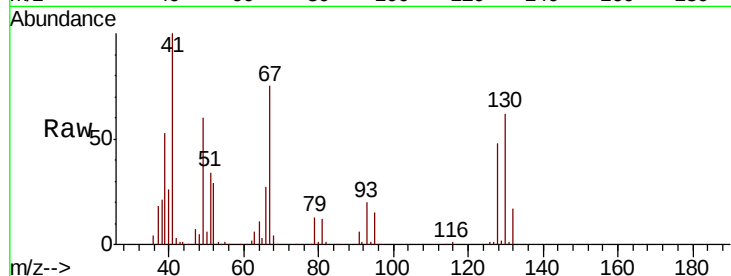
#41
Methacrylonitrile
Concen: 50.137 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion:	41	Resp:	73133
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.8	65.8
67	81.3	66.6	100.0
52	32.4	24.5	36.7

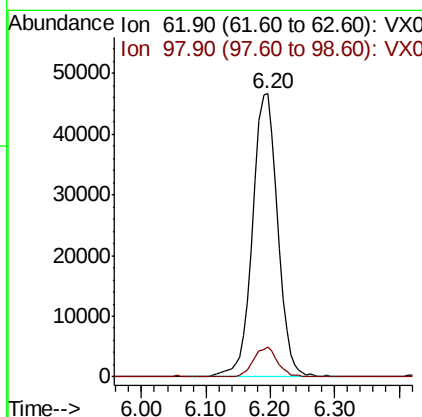
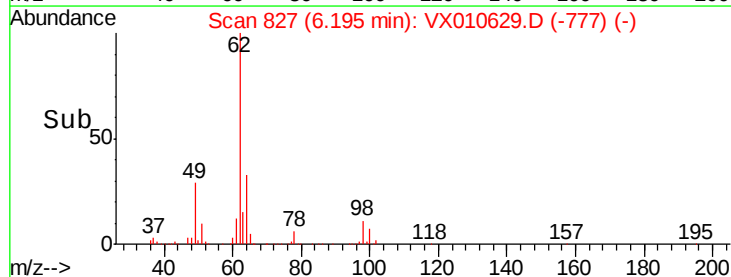
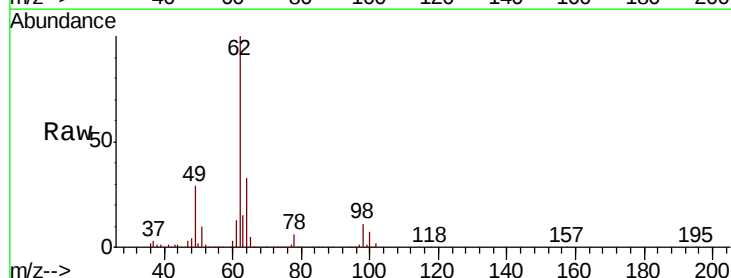
Manual Integrations
APPROVED

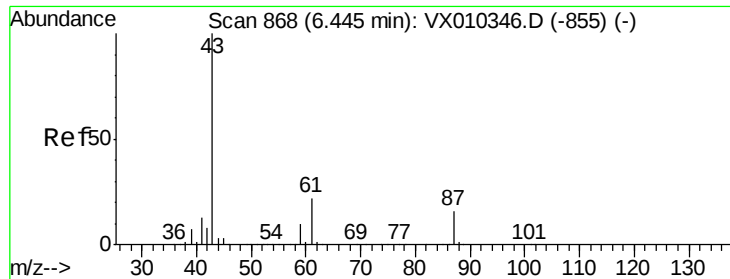
MMDadoda
7/3/2019 9:29:49 AM



#42
1,2-Dichloroethane
Concen: 50.999 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion:	62	Resp:	124983
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	22.2





#43

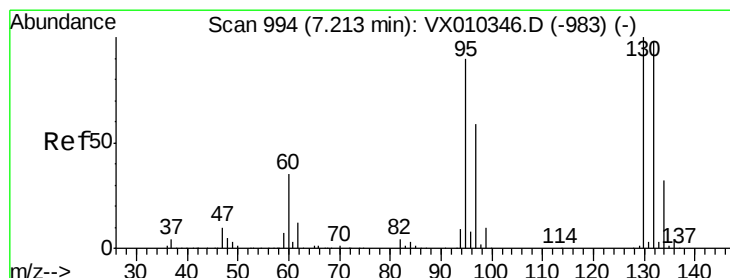
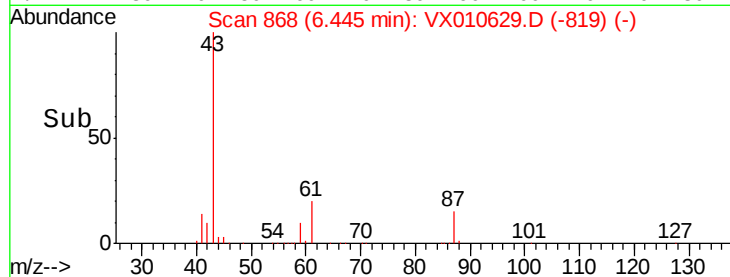
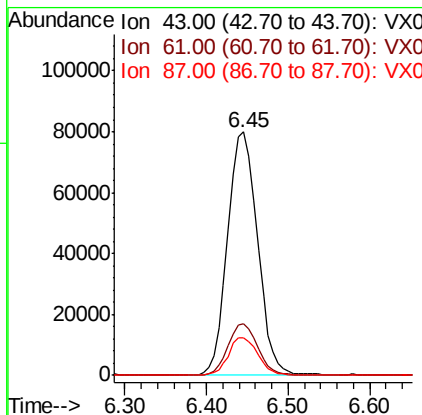
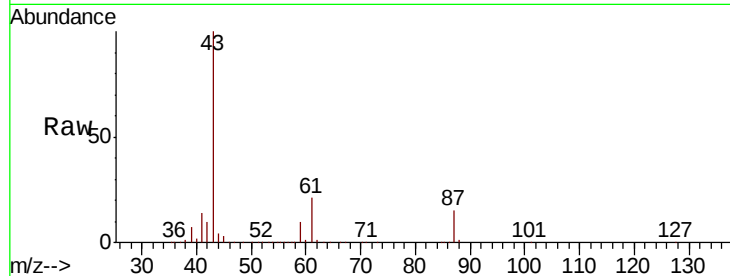
Isopropyl Acetate
 Concen: 46.028 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.8	26.6
87	15.4	13.0	19.4

Manual Integrations
 APPROVED

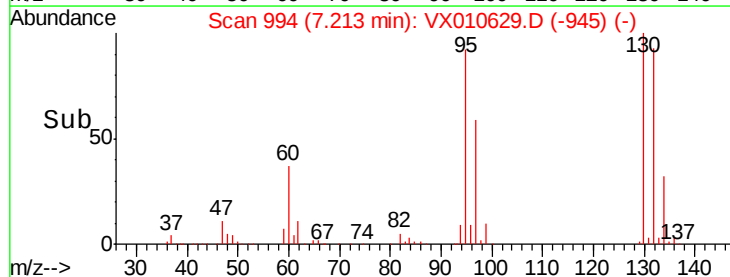
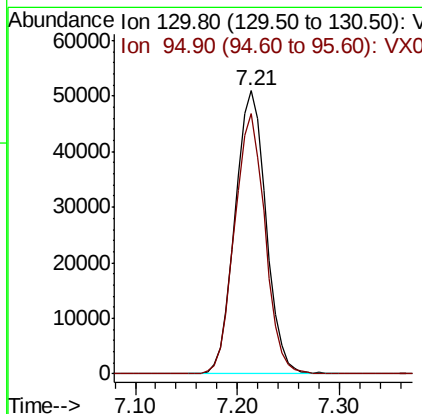
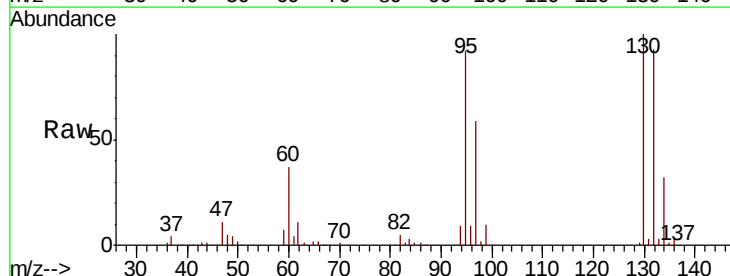
MMDadoda
 7/3/2019 9:29:49 AM

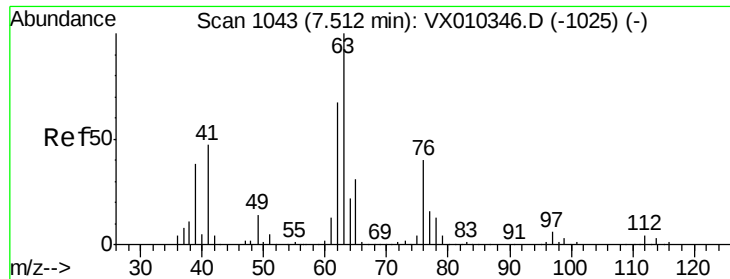


#44

Trichloroethene
 Concen: 44.578 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	180.8





#45

1,2-Dichloropropane

Concen: 47.176 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion: 63 Resp: 95912

Ion Ratio Lower Upper

63 100

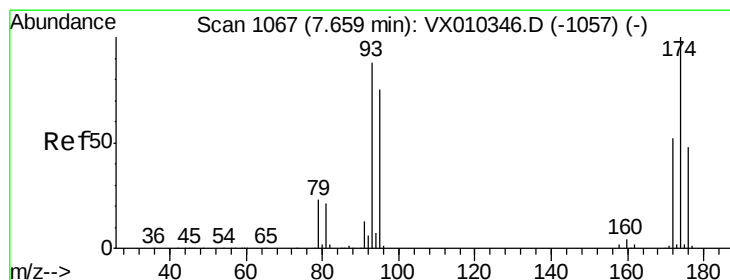
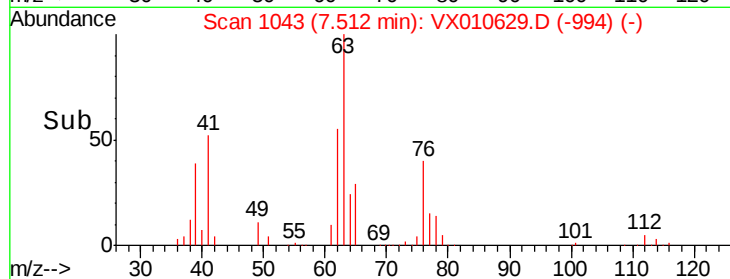
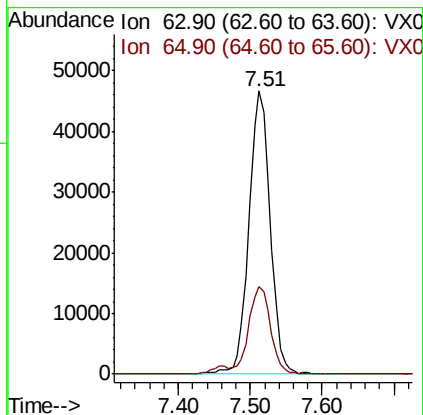
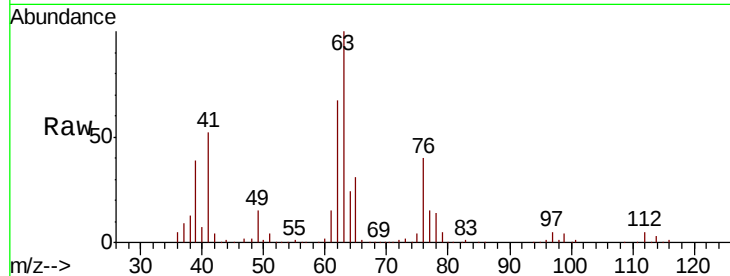
65 30.9 24.8 37.2

Manual Integrations

APPROVED

MMDadoda

7/3/2019 9:29:49 AM



#46

Dibromomethane

Concen: 47.973 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

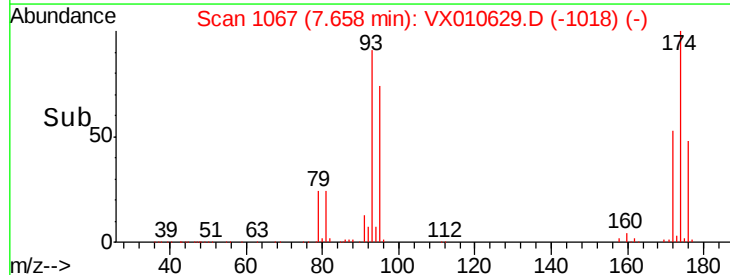
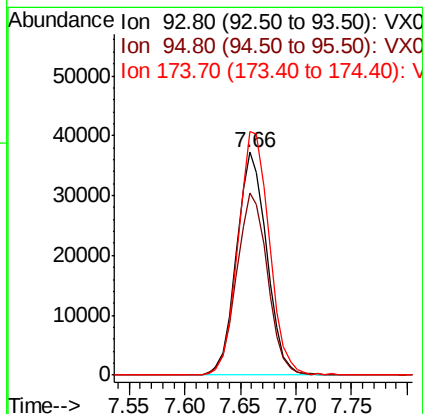
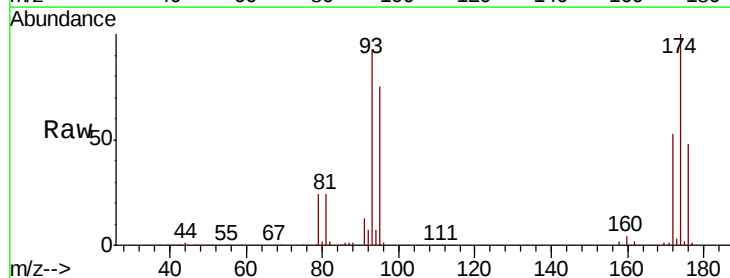
Tgt Ion: 93 Resp: 69977

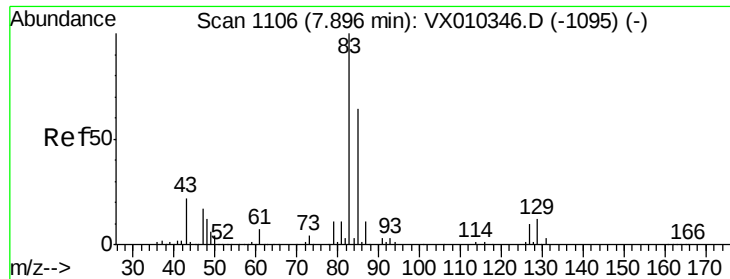
Ion Ratio Lower Upper

93 100

95 83.9 67.5 101.3

174 113.1 95.8 143.6





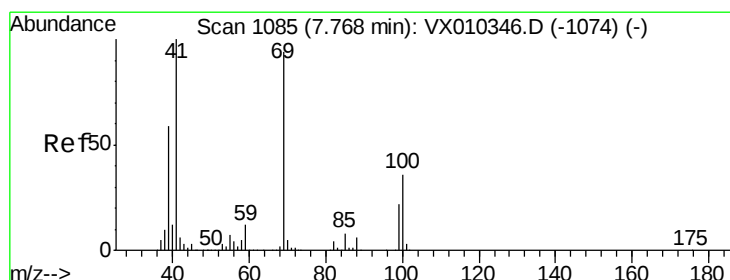
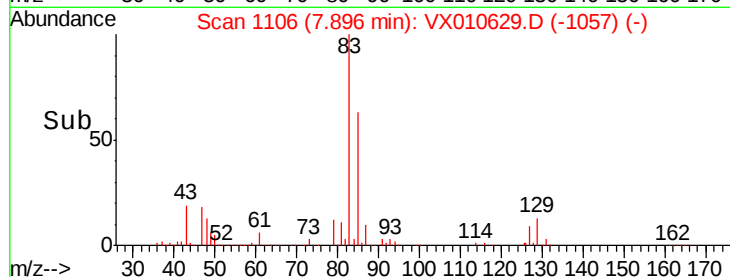
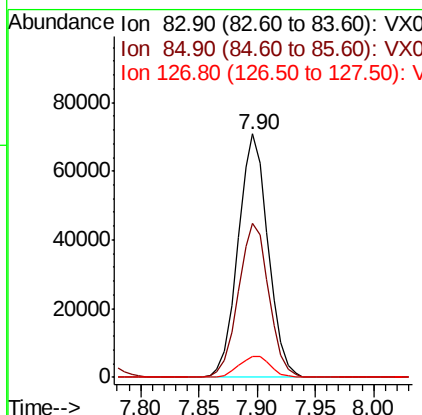
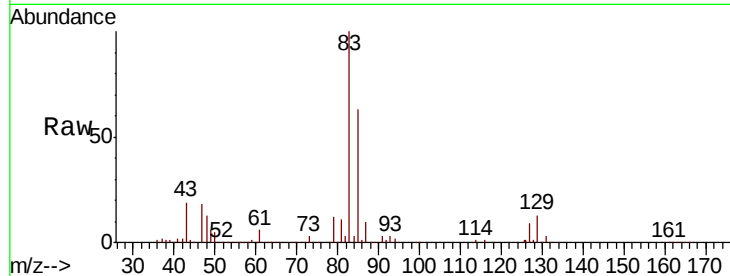
#47
 Bromodichloromethane
 Concen: 47.563 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	83	Resp	127147
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	51.5	77.3
127	8.8	7.8	11.8

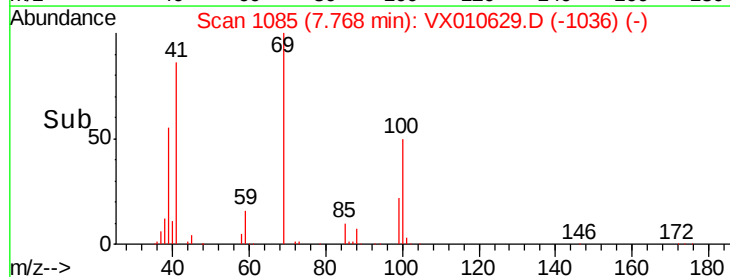
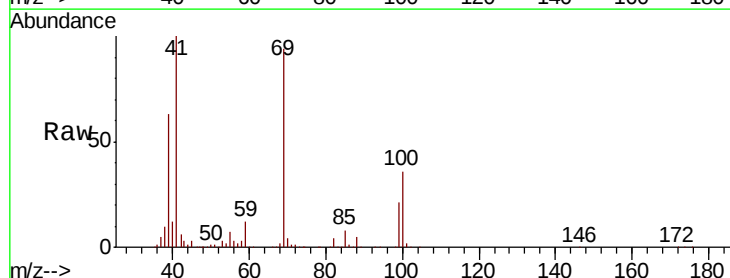
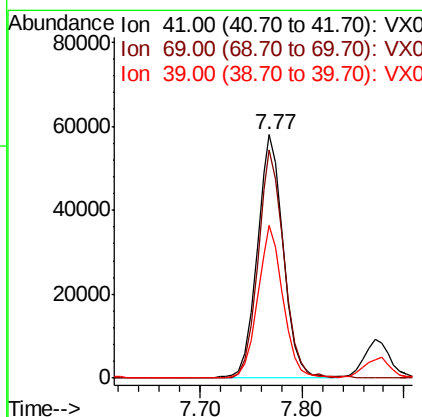
Manual Integrations
 APPROVED

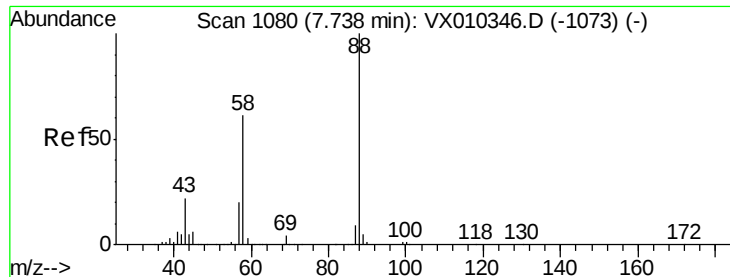
MMDadoda
 7/3/2019 9:29:49 AM



#48
 Methyl methacrylate
 Concen: 50.168 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	41	Resp	102566
Ion Ratio	100	Lower	Upper
41	100		
69	93.7	76.1	114.1
39	60.3	47.6	71.4





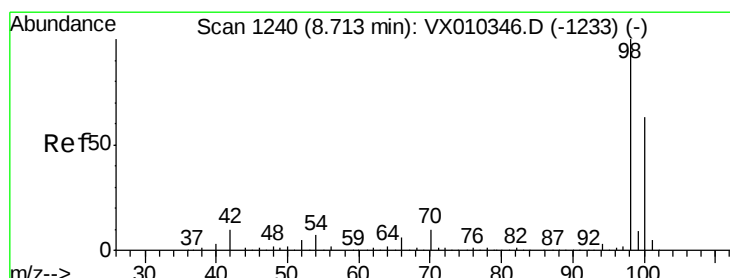
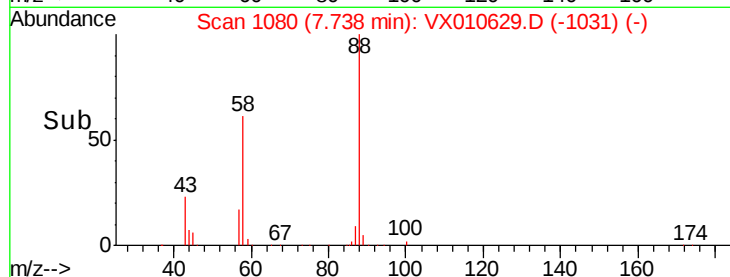
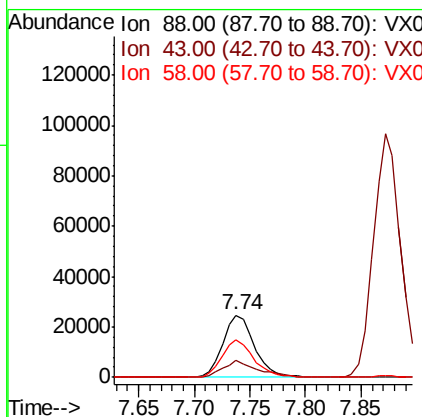
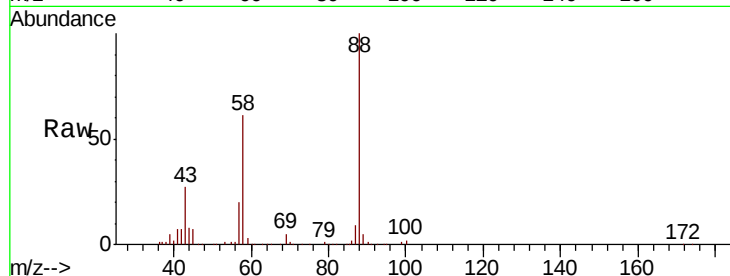
#49
 1,4-Dioxane
 Concen: 816.502 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	88	Resp	48088
Ion	Ratio	Lower	Upper
88	100		
43	28.5	20.2	30.2
58	62.3	49.5	74.3

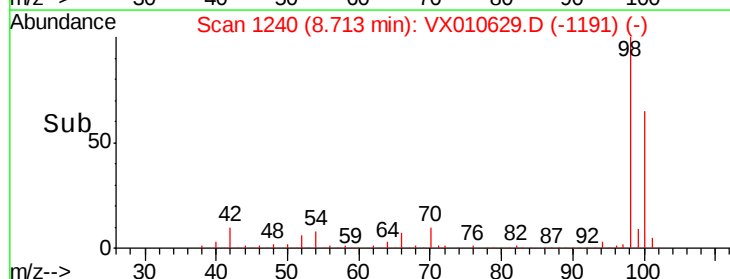
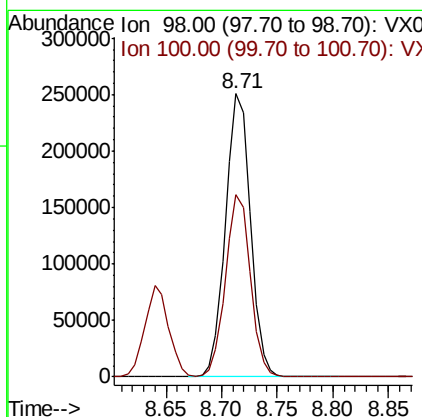
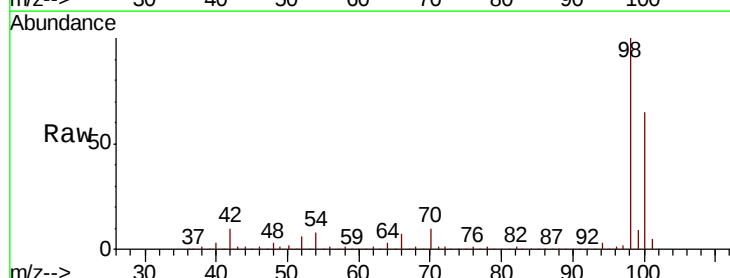
Manual Integrations
 APPROVED

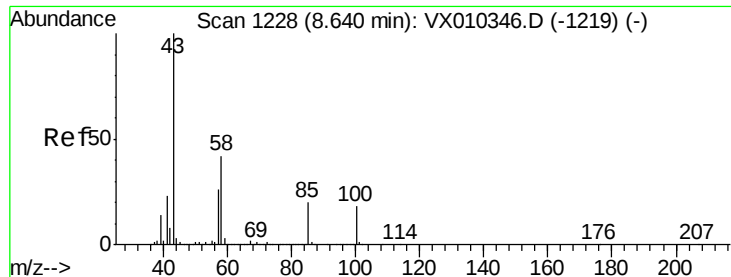
MMDadoda
 7/3/2019 9:29:49 AM



#50
 Toluene-d8
 Concen: 51.156 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	98	Resp	389402
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





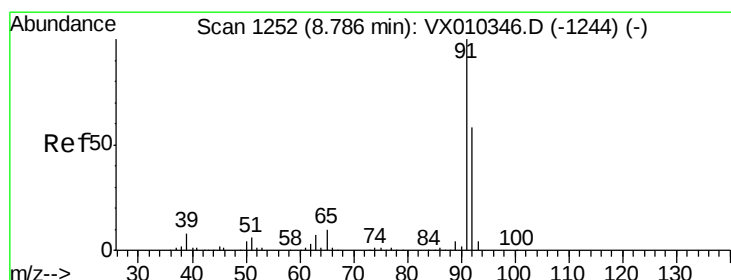
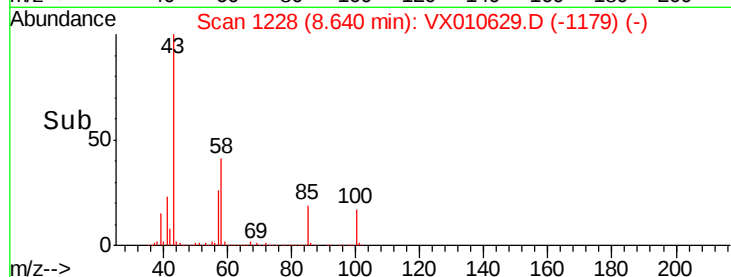
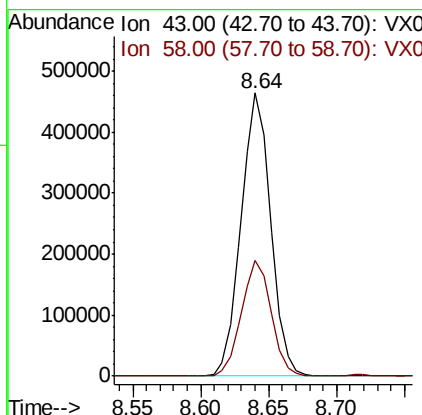
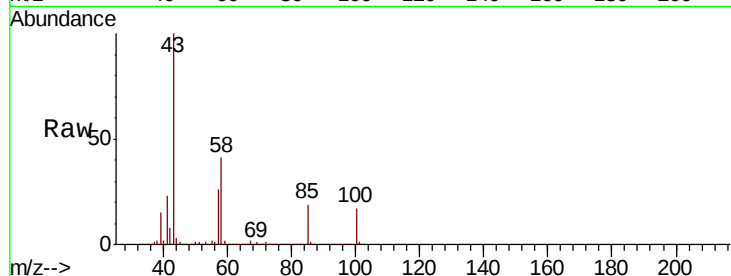
#51
4-Methyl-2-Pentanone
Concen: 251.131 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.1	33.5	50.3

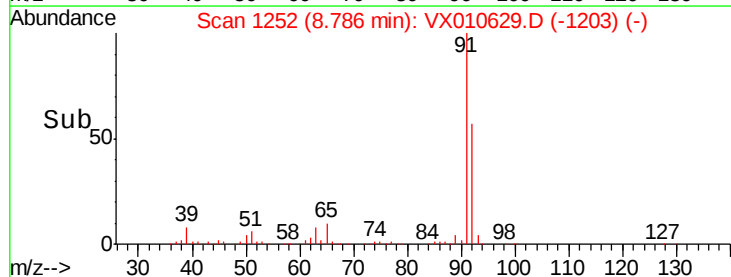
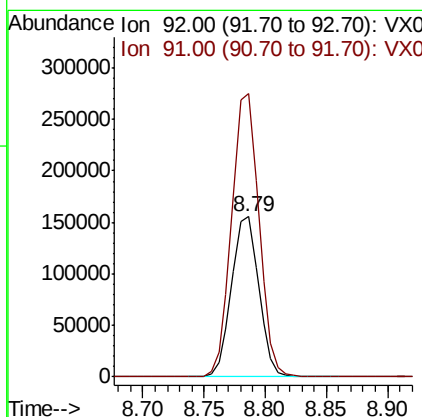
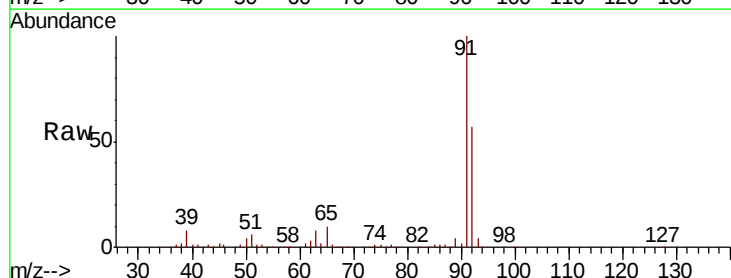
Manual Integrations
APPROVED

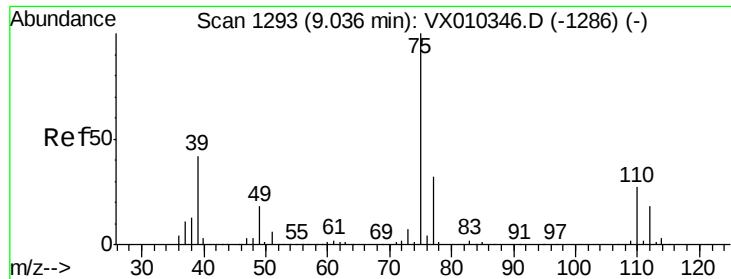
MMDadoda
7/3/2019 9:29:49 AM



#52
Toluene
Concen: 45.463 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.4	139.8	209.6





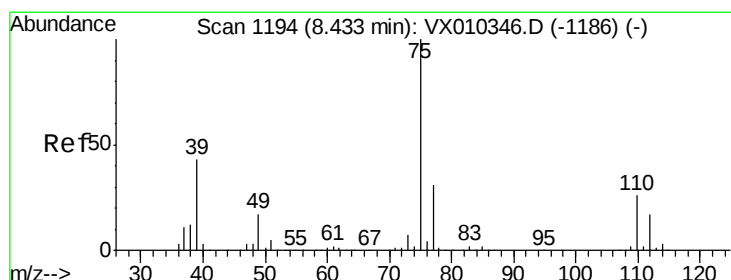
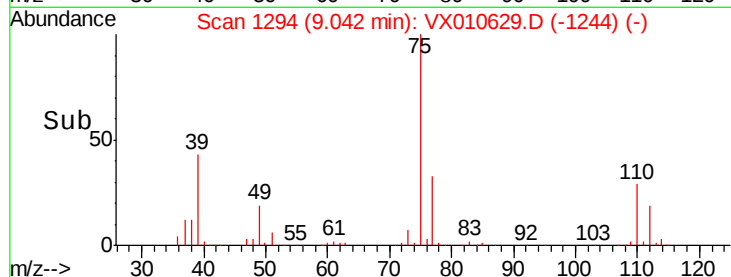
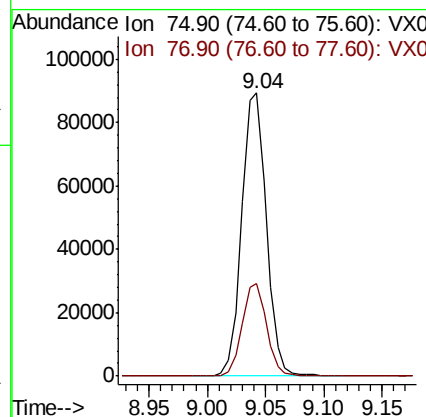
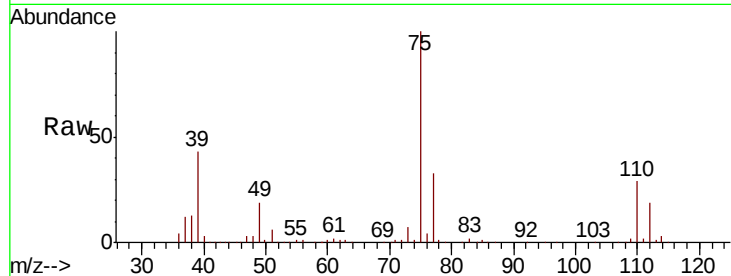
#53
t-1,3-Dichloropropene
Concen: 44.163 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.2

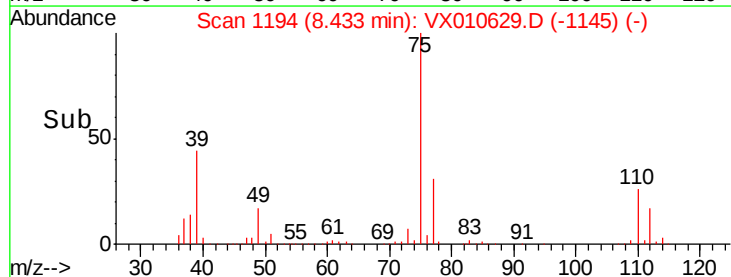
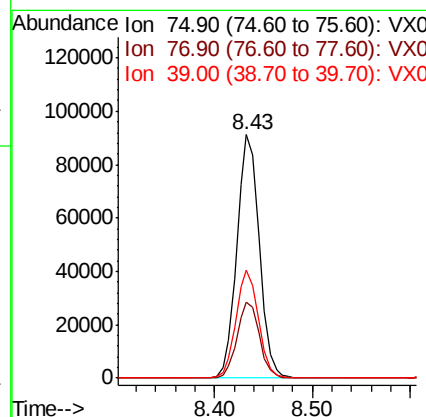
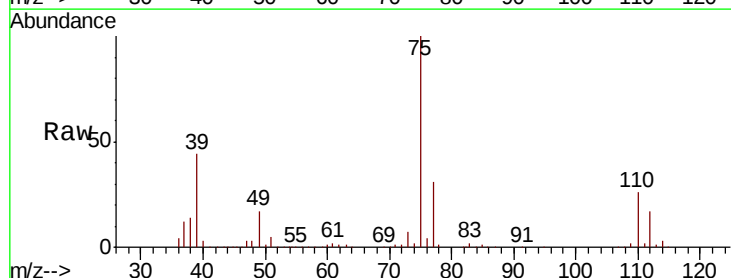
Manual Integrations
APPROVED

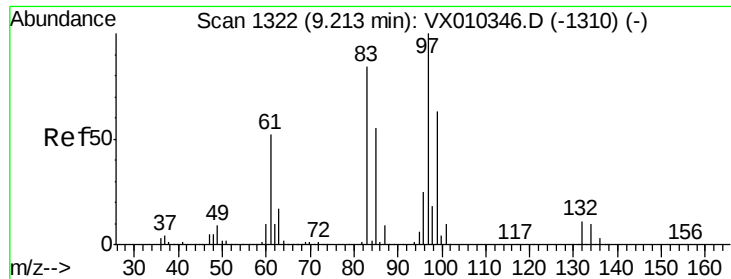
MMDadoda
7/3/2019 9:29:49 AM



#54
cis-1,3-Dichloropropene
Concen: 44.489 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8
39	44.3	34.5	51.7





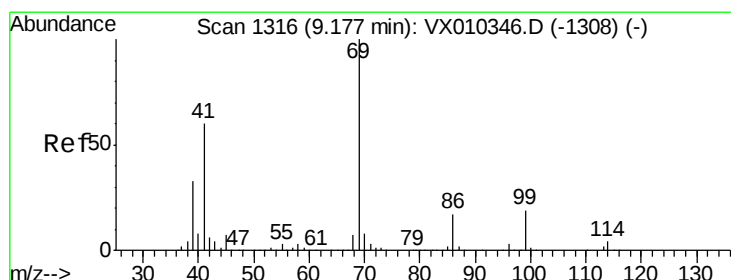
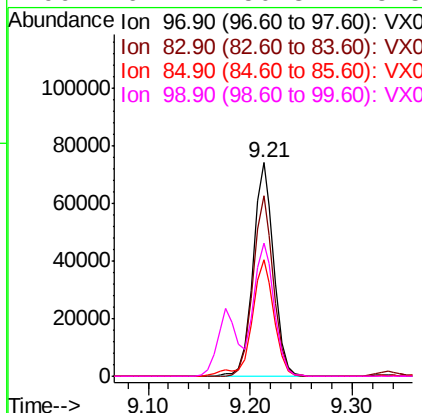
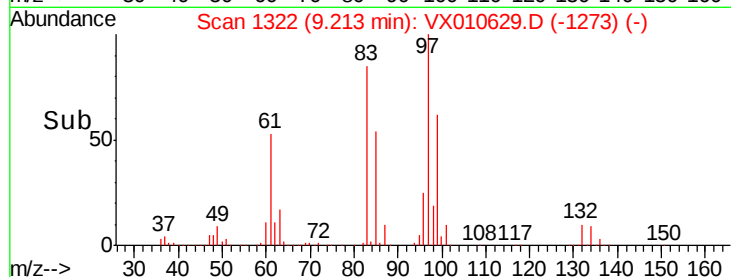
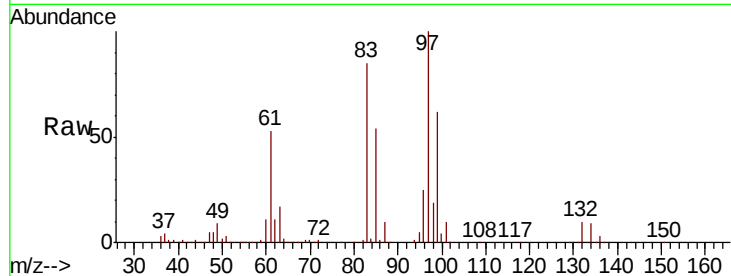
#55
 1,1,2-Trichloroethane
 Concen: 48.118 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion:	97	Resp:	105213
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.0
85	54.3	43.8	65.8
99	62.2	50.3	75.5

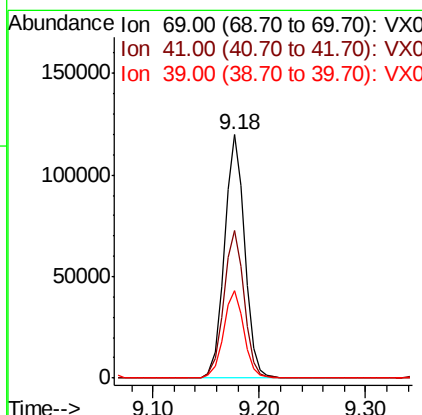
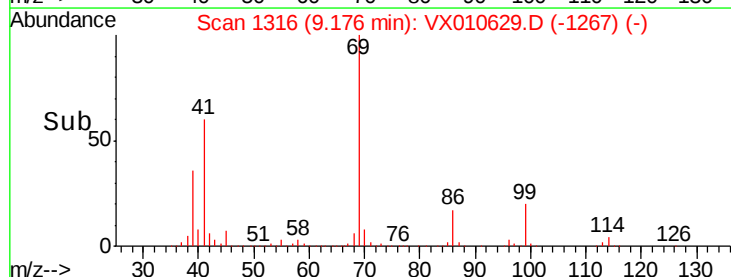
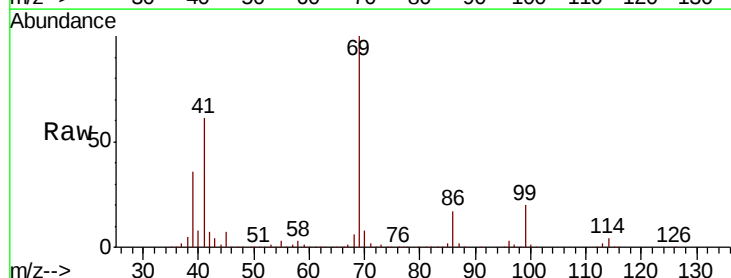
Manual Integrations
 APPROVED

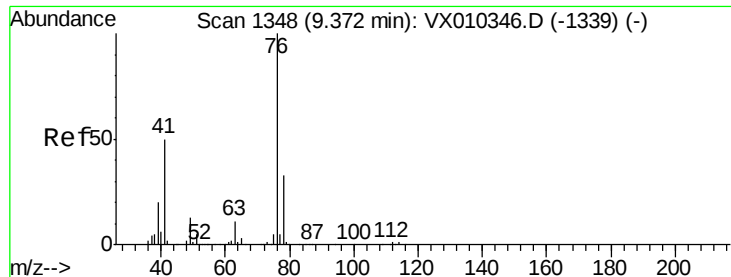
MMDadoda
 7/3/2019 9:29:49 AM



#56
 Ethyl methacrylate
 Concen: 48.116 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion:	69	Resp:	159379
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.1	70.7
39	36.0	26.6	40.0





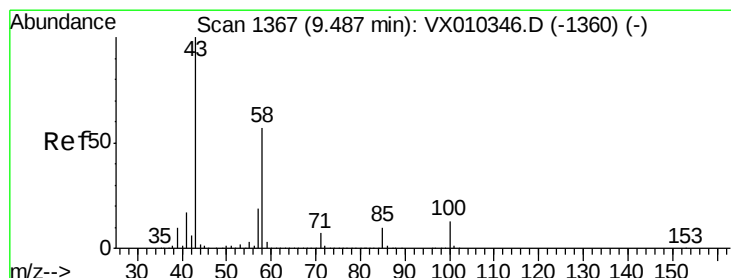
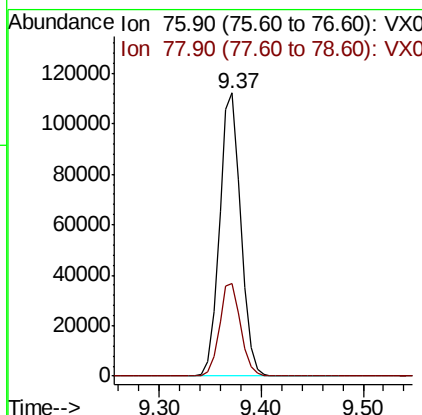
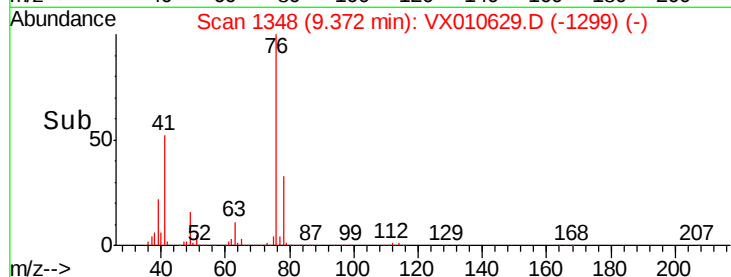
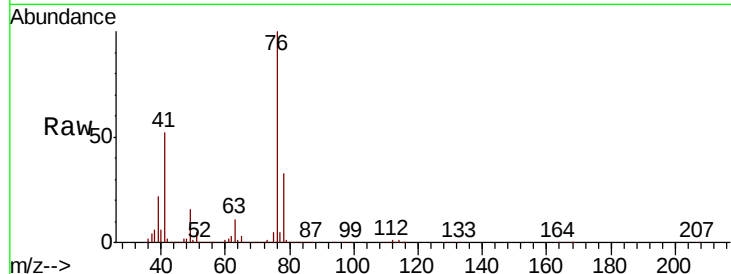
#57
 1,3-Dichloropropane
 Concen: 48.016 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion: 76 Resp: 162978
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1

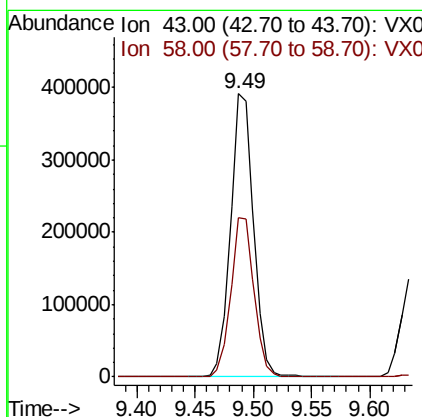
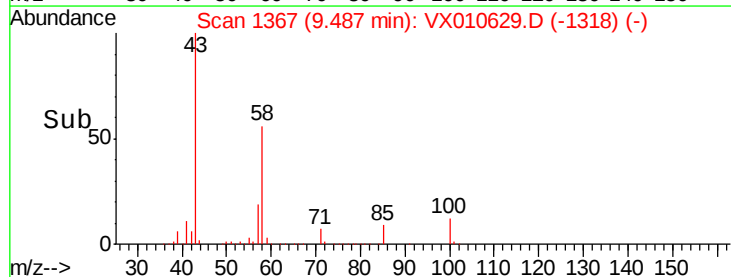
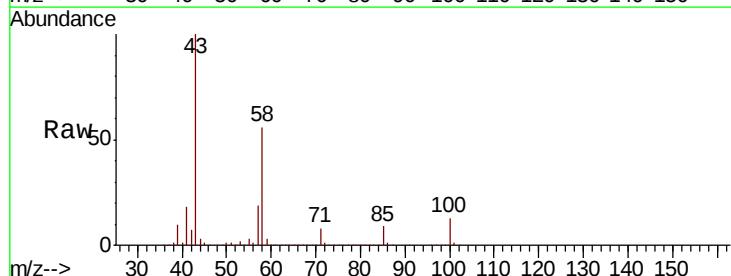
Manual Integrations
 APPROVED

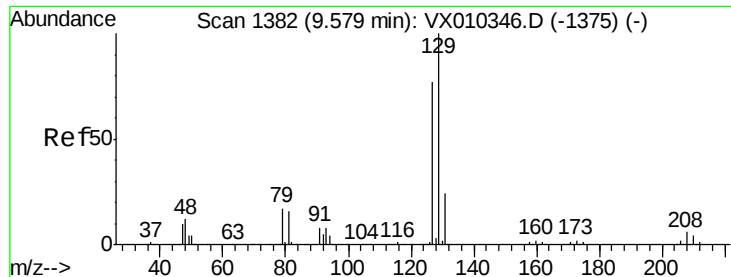
MMDadoda
 7/3/2019 9:29:49 AM



#59
 2-Hexanone
 Concen: 242.876 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 43 Resp: 537721
 Ion Ratio Lower Upper
 43 100
 58 56.8 29.0 87.1





#60

Dibromochloromethane

Concen: 46.384 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion:129 Resp: 113560

Ion Ratio Lower Upper

129 100

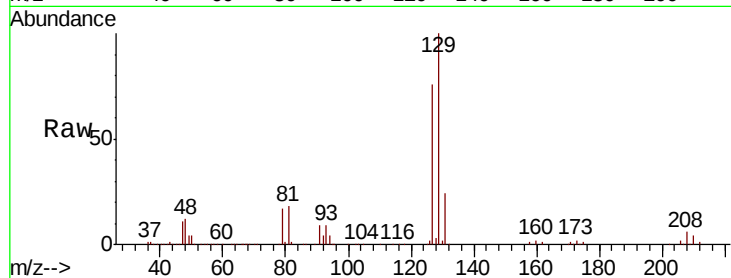
127 76.5 38.4 115.1

Manual Integrations

APPROVED

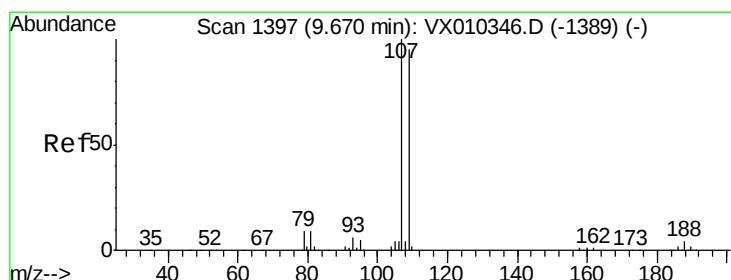
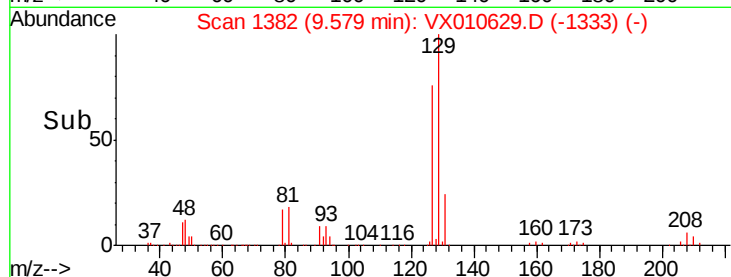
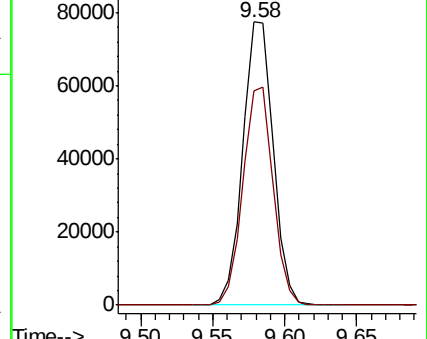
MMDadoda

7/3/2019 9:29:49 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 47.799 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010629.D

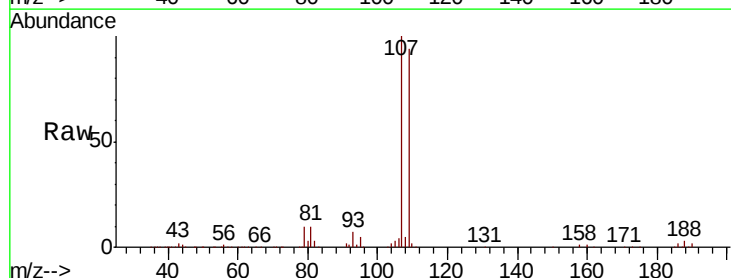
Acq: 02 Jul 2019 19:54

Tgt Ion:107 Resp: 112814

Ion Ratio Lower Upper

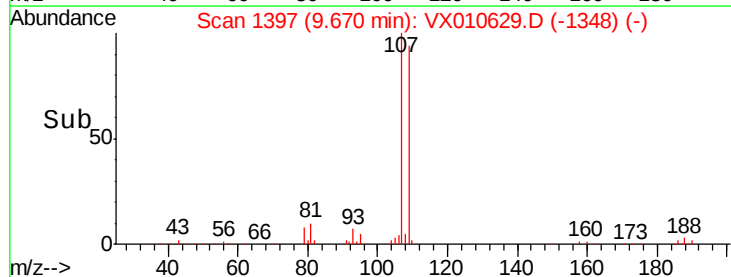
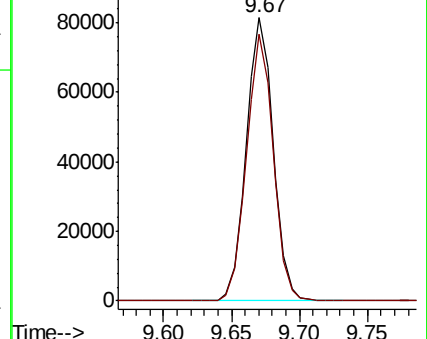
107 100

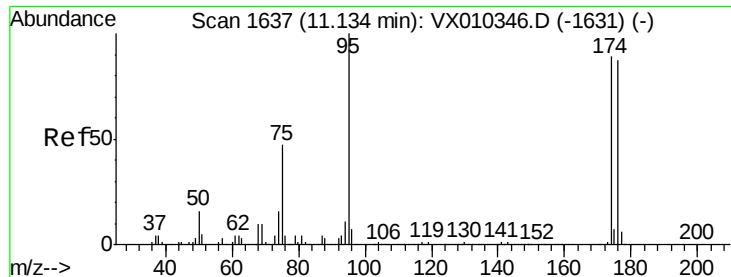
109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.561 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

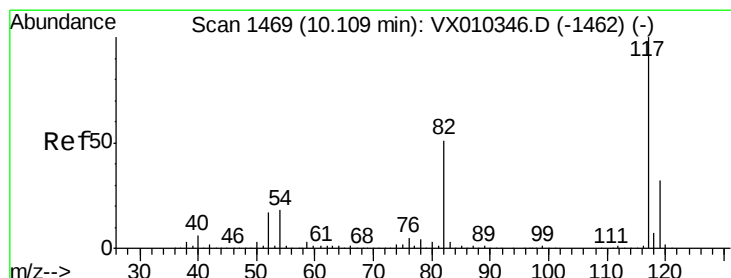
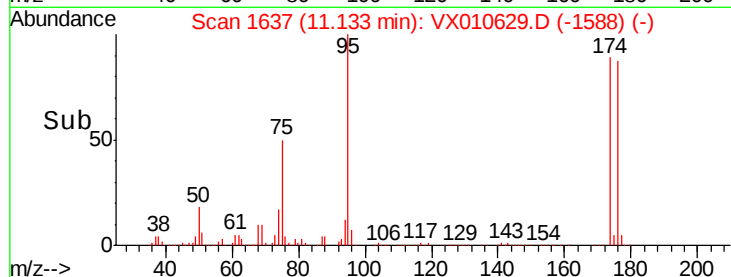
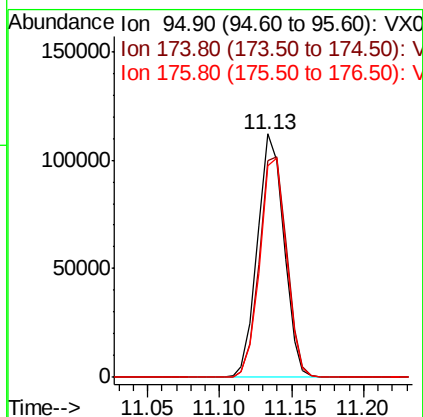
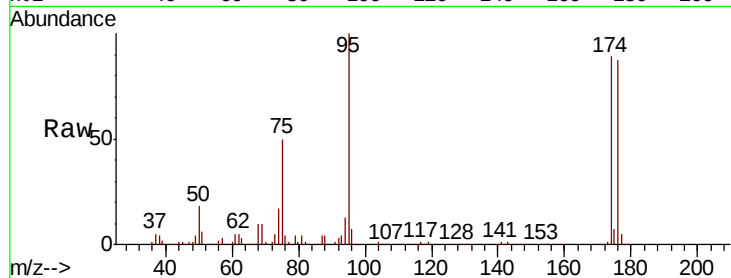
ClientSampleId :

MWHR2-6-070119MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	141698		
174	93.7	0.0	187.6	
176	90.4	0.0	184.0	

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

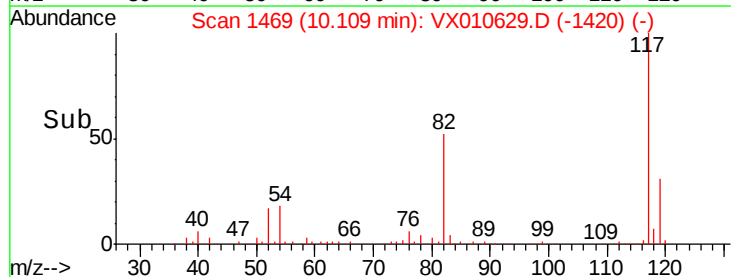
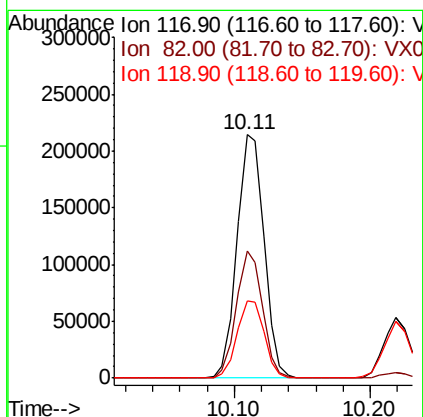
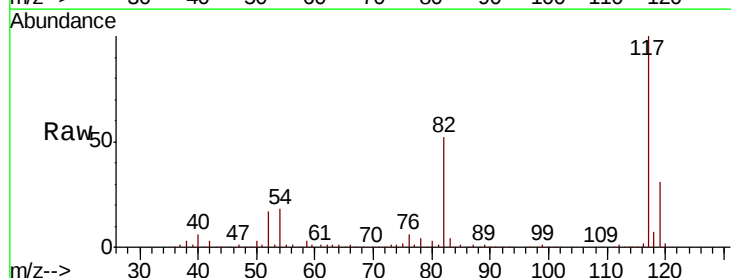
RT: 10.11 min Scan# 1469

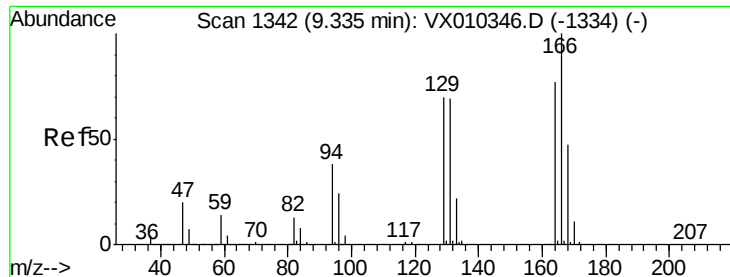
Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	296826		
82	52.2	41.2	61.8	
119	31.5	25.5	38.3	





#64

Tetrachloroethene

Concen: 37.905 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion:164 Resp: 91003

Ion Ratio Lower Upper

164 100

166 132.8 103.6 155.4

129 92.3 73.0 109.4

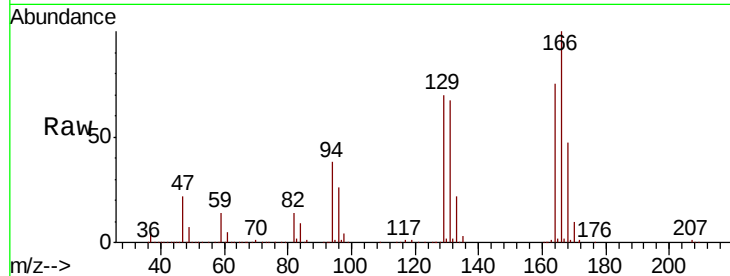
131 88.8 71.0 106.4

Manual Integrations

APPROVED

MMDadoda

7/3/2019 9:29:49 AM



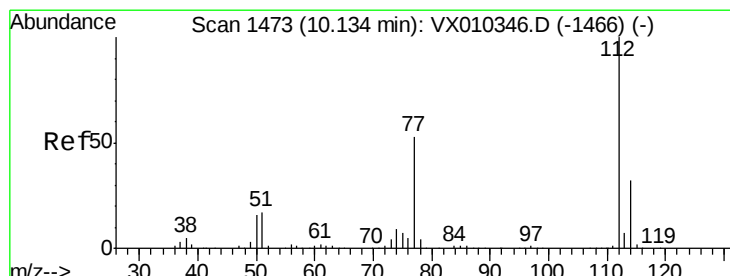
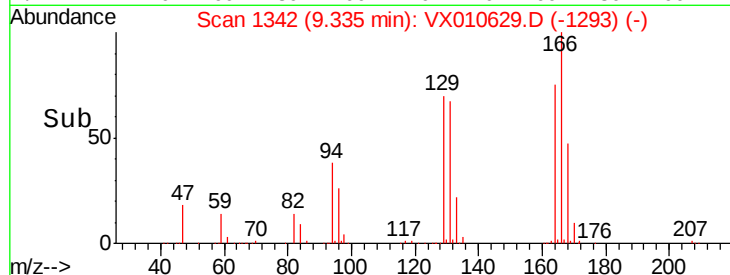
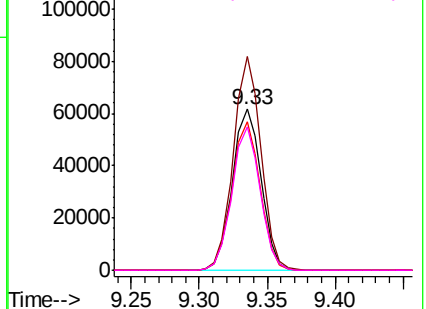
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 46.251 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010629.D

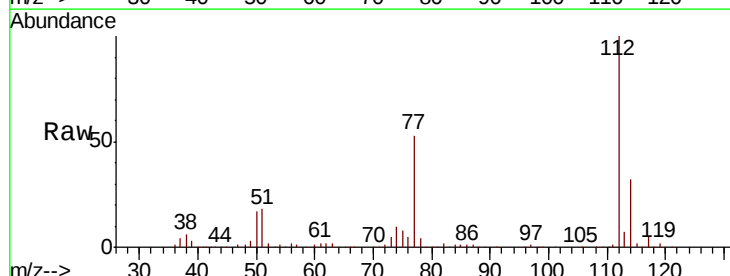
Acq: 02 Jul 2019 19:54

Tgt Ion:112 Resp: 278717

Ion Ratio Lower Upper

112 100

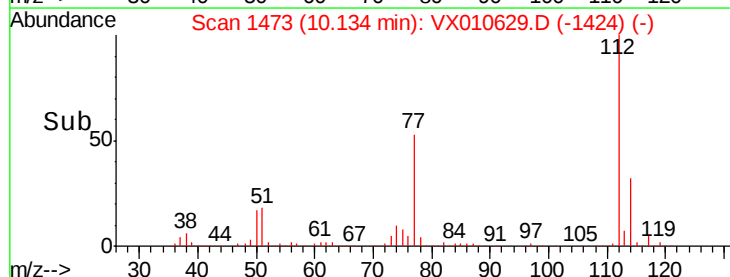
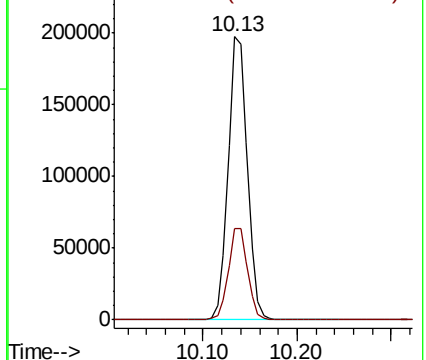
114 32.1 25.4 38.2

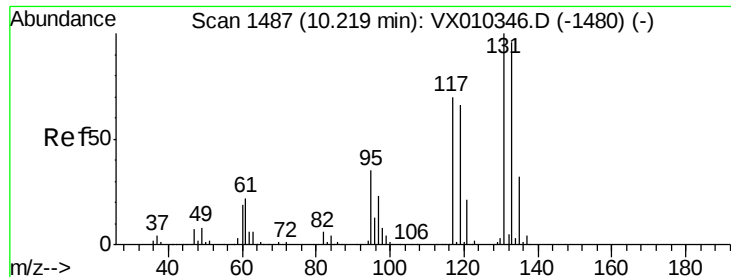


Abundance

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: 47.261 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion:131 Resp: 103739

Ion Ratio Lower Upper

131 100

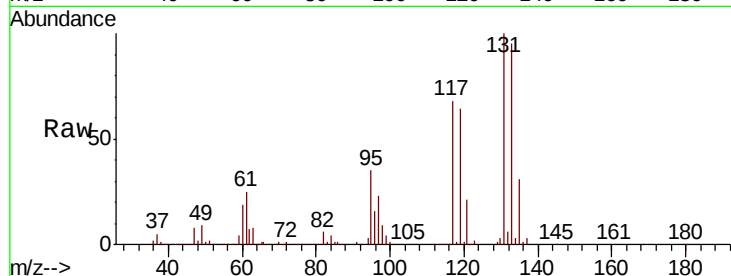
133 95.9 47.7 143.1

119 64.2 32.6 97.7

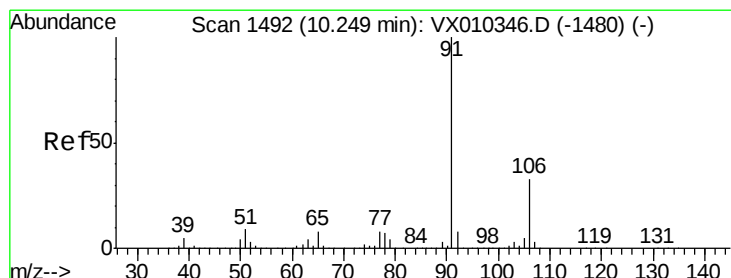
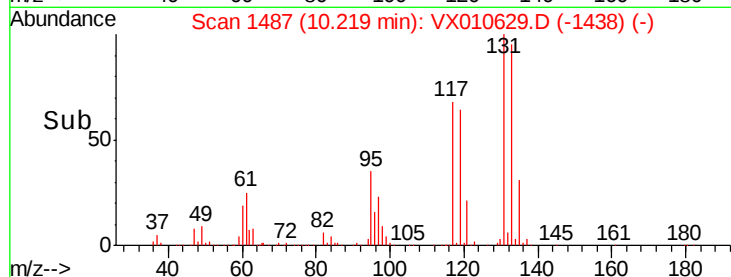
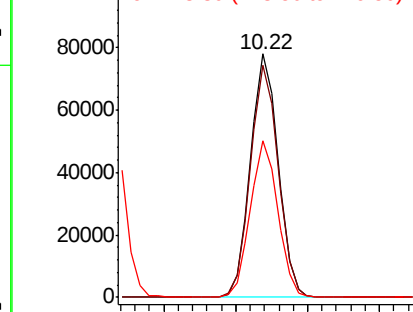
Manual Integrations
APPROVED

MMDadoda

7/3/2019 9:29:49 AM



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: 46.380 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010629.D

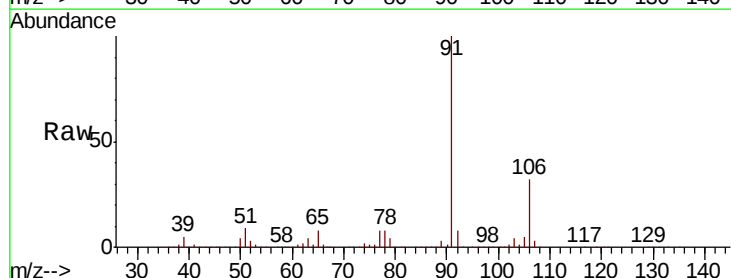
Acq: 02 Jul 2019 19:54

Tgt Ion: 91 Resp: 471849

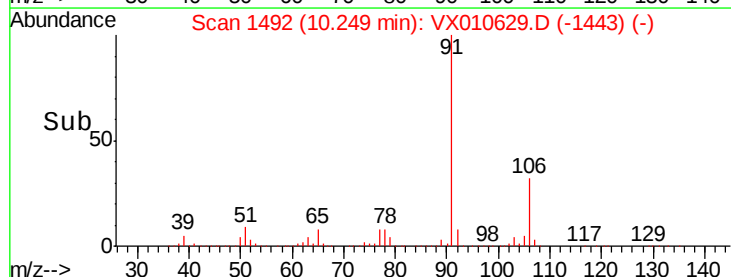
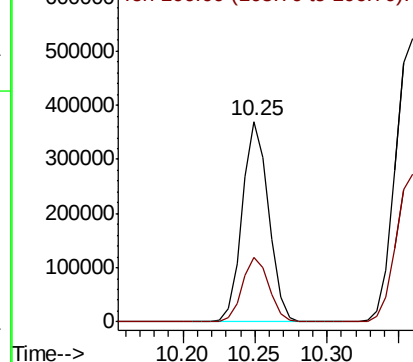
Ion Ratio Lower Upper

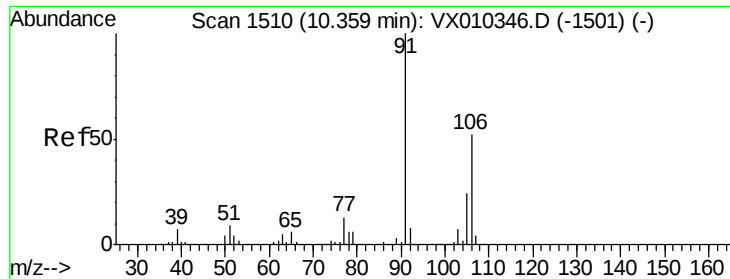
91 100

106 32.4 26.2 39.2



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





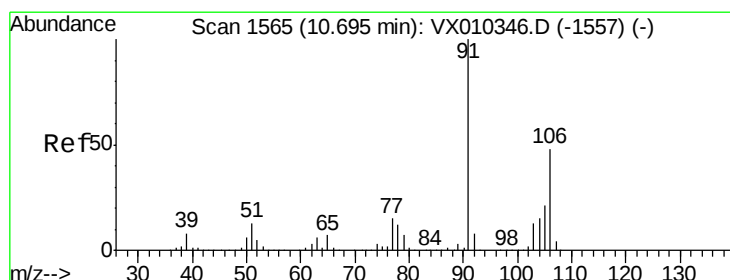
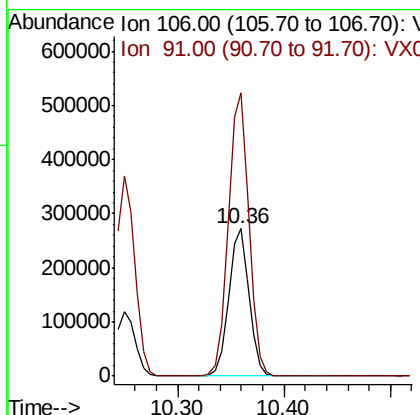
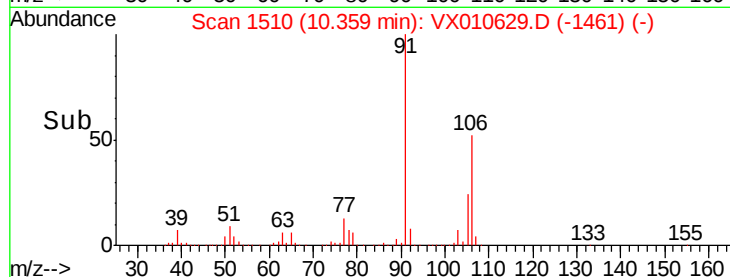
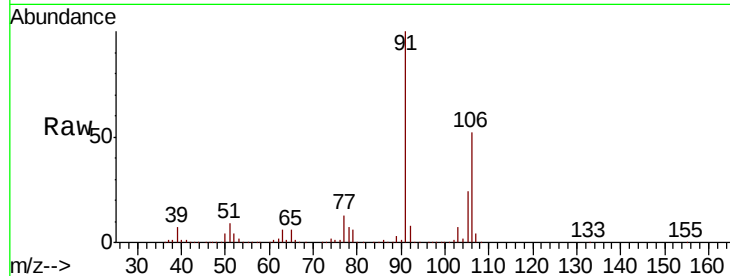
#68
m/p-Xylenes
Concen: 91.673 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion:106 Resp: 361370
Ion Ratio Lower Upper
106 100
91 195.8 155.3 232.9

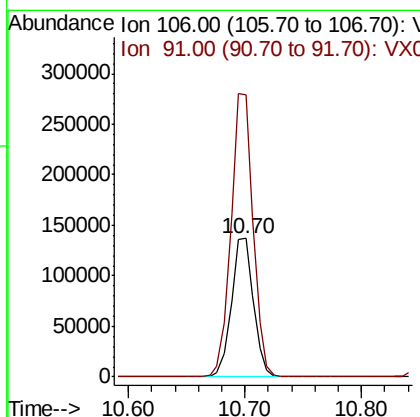
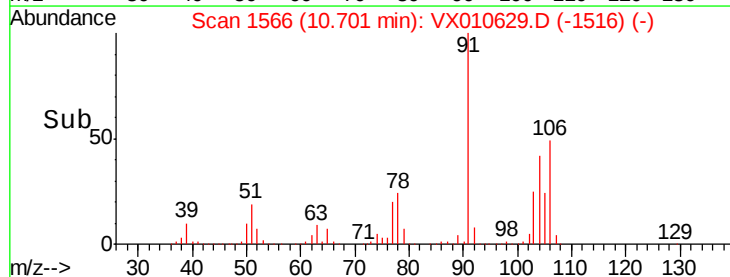
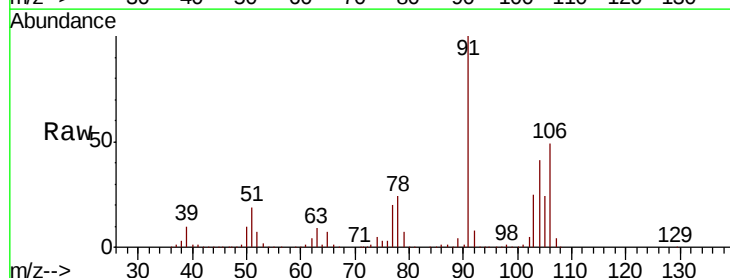
Manual Integrations
APPROVED

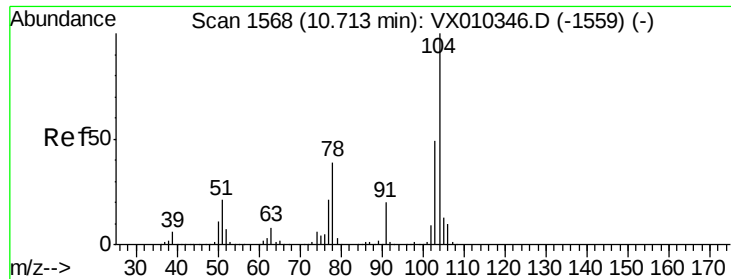
MMDadoda
7/3/2019 9:29:49 AM



#69
o-Xylene
Concen: 46.641 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion:106 Resp: 180805
Ion Ratio Lower Upper
106 100
91 204.5 102.7 308.1





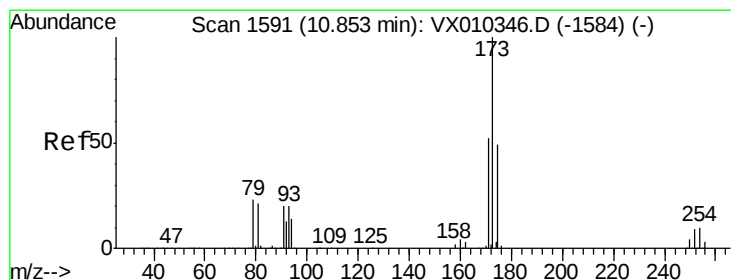
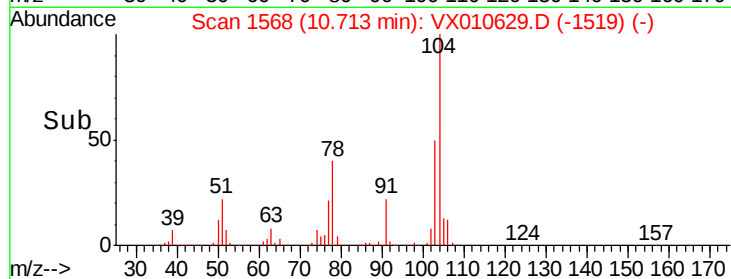
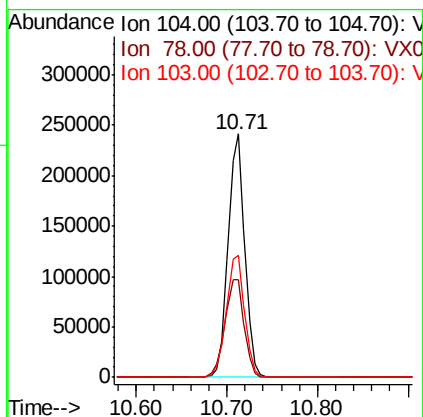
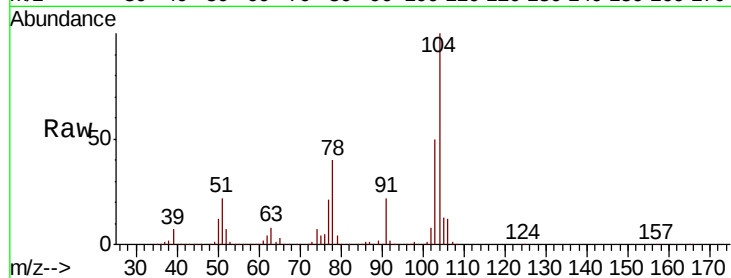
#70
Stvrene
Concen: 47.281 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.6	36.2	54.2
103	55.6	44.2	66.4

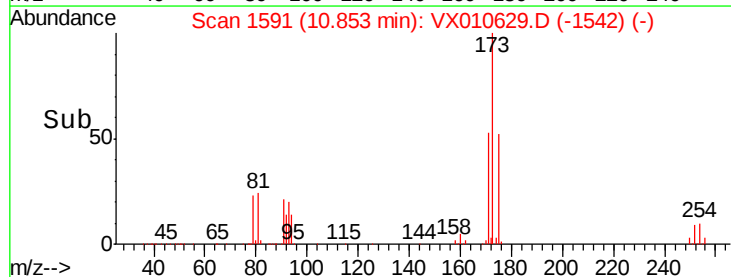
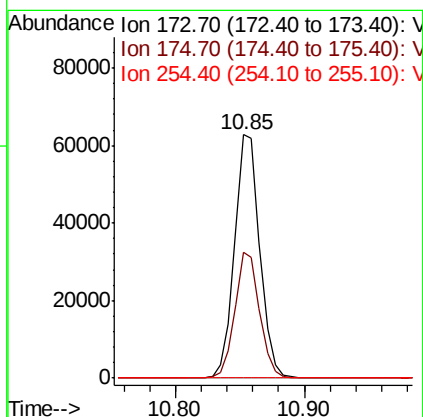
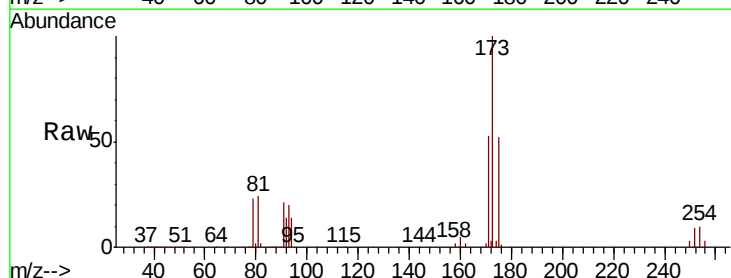
Manual Integrations
APPROVED

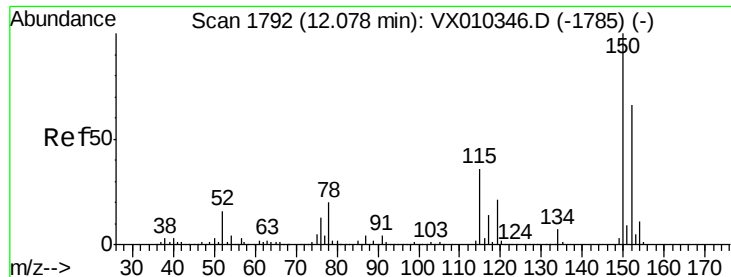
MMDadoda
7/3/2019 9:29:49 AM



#71
Bromoform
Concen: 44.817 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.1	72.3
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

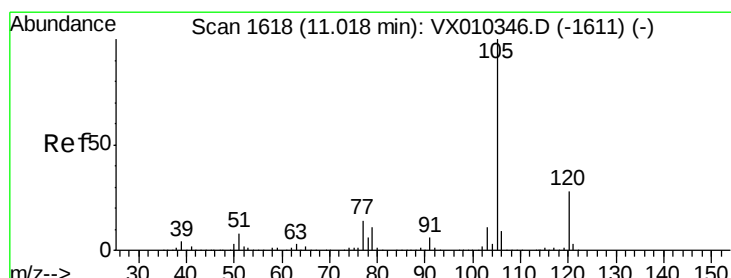
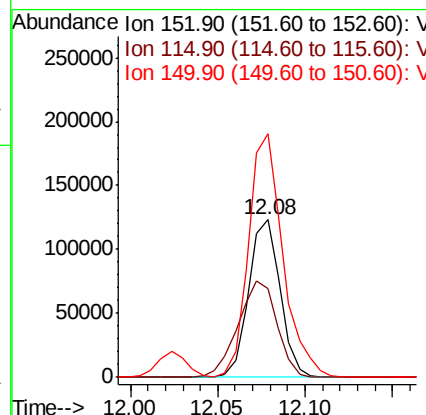
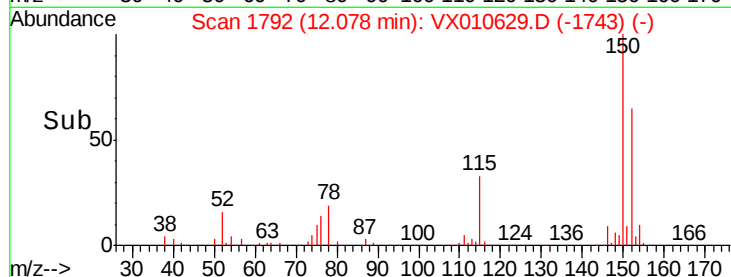
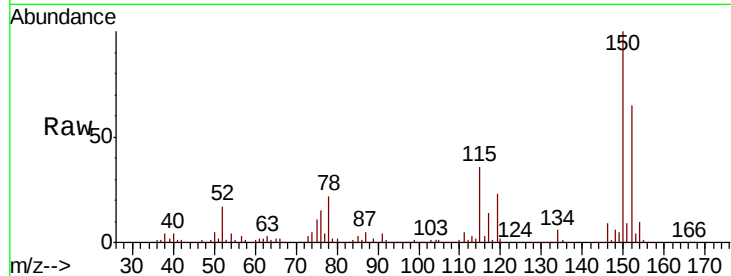
ClientSampleId :

MWHR2-6-070119MS

Tot Ion:	152	Resp:	153297
Ion Ratio	Lower	Upper	
152	100		
115	75.6	38.6	115.7
150	168.7	0.0	347.4

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#73

Isopropylbenzene

Concen: 46.135 ug/l

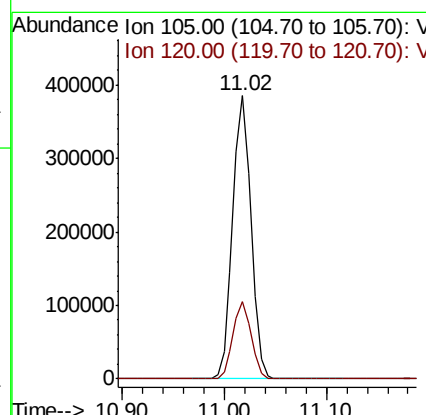
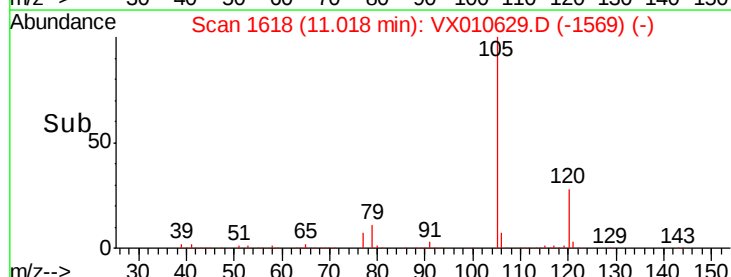
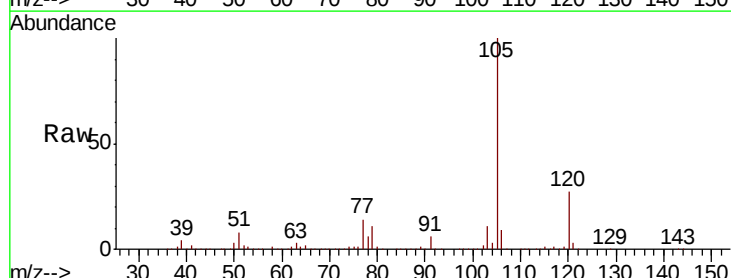
RT: 11.02 min Scan# 1618

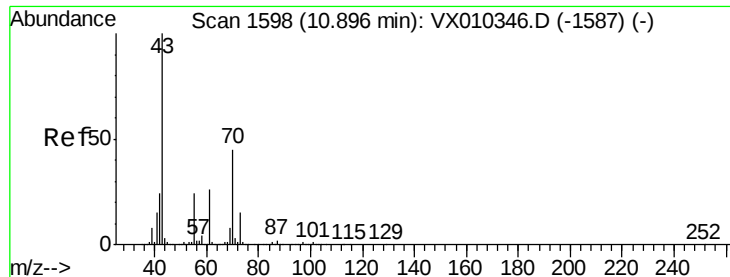
Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion:	105	Resp:	479416
Ion Ratio	Lower	Upper	
105	100		
120	27.2	14.1	42.4





#74

N-amvl acetate

Concen: 44.580 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

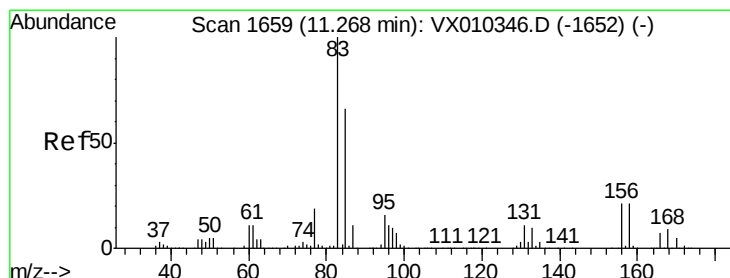
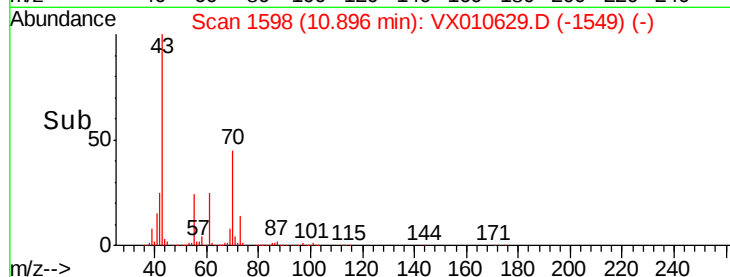
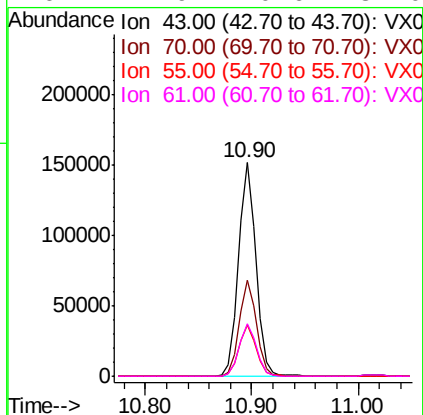
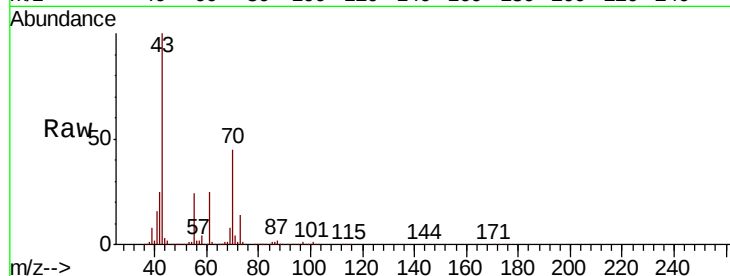
ClientSampleId :

MWHR2-6-070119MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	44.6	36.6	54.8	
55	24.1	18.7	28.1	
61	24.9	20.6	31.0	

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 48.647 ug/l

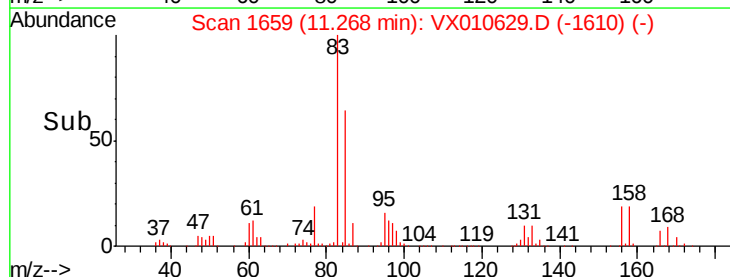
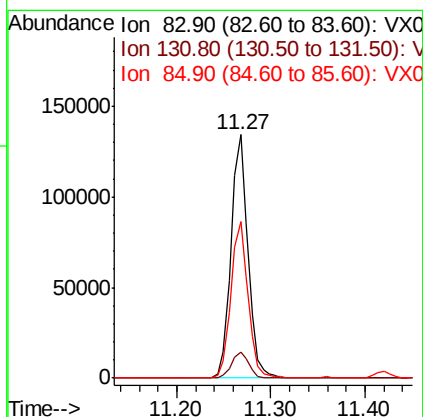
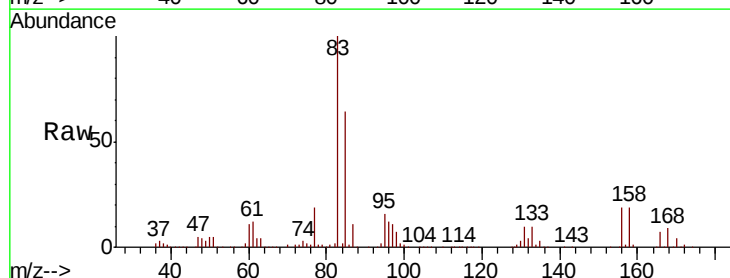
RT: 11.27 min Scan# 1659

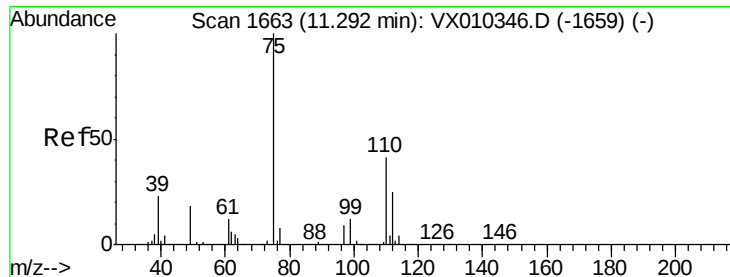
Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.9	5.5	16.4	
85	65.2	32.3	96.8	





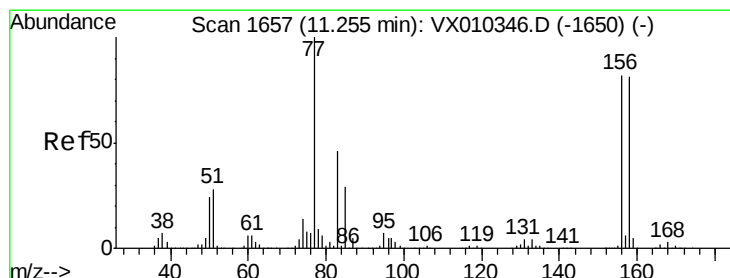
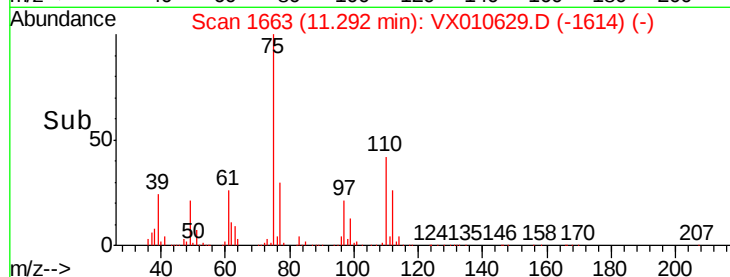
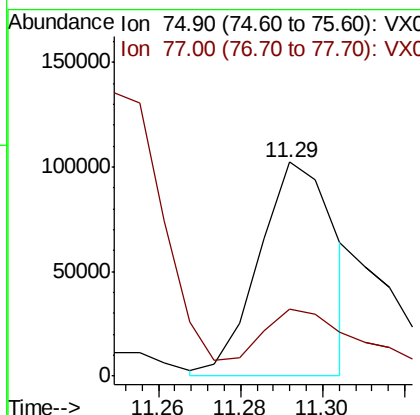
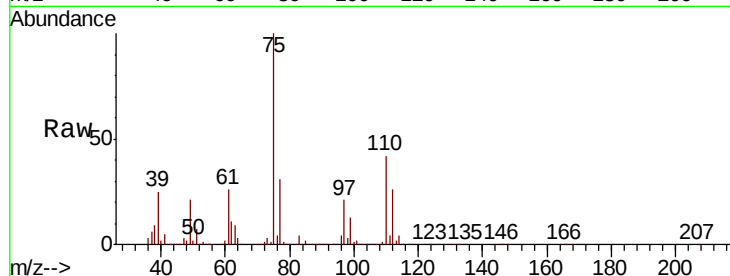
#76
1,2,3-Trichloropropane
Concen: 46.819 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion: 75 Resp: 130787
Ion Ratio Lower Upper
75 100
77 43.0 22.6 67.8

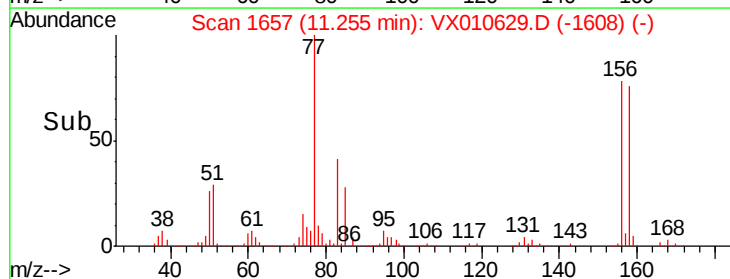
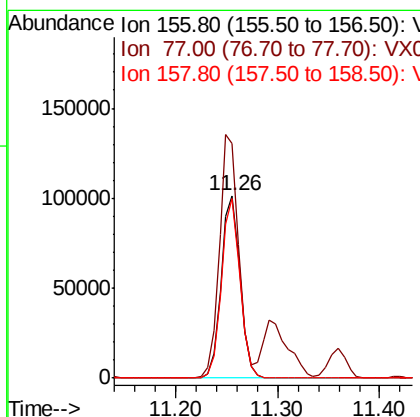
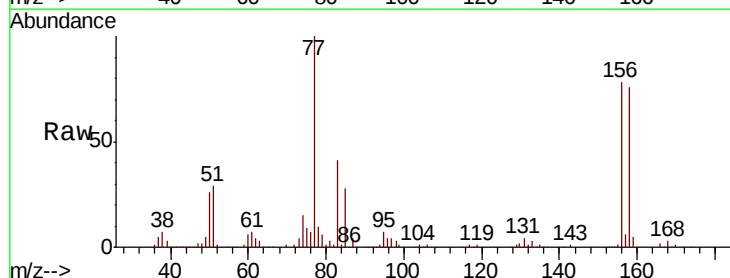
Manual Integrations
APPROVED

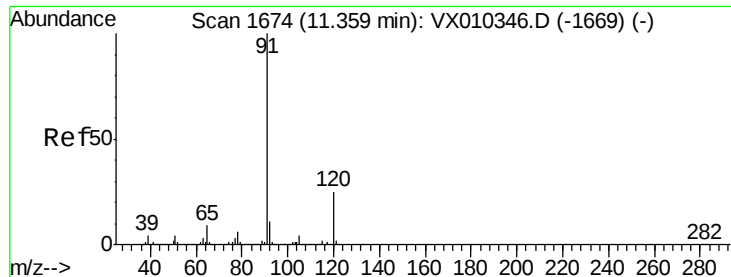
MMDadoda
7/3/2019 9:29:49 AM



#77
Bromobenzene
Concen: 45.240 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 156 Resp: 131270
Ion Ratio Lower Upper
156 100
77 135.6 66.3 198.7
158 96.6 48.9 146.7





#78

n-propylbenzene

Concen: 46.284 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MWHR2-6-070119MS

Tot Ion: 91 Resp: 528607

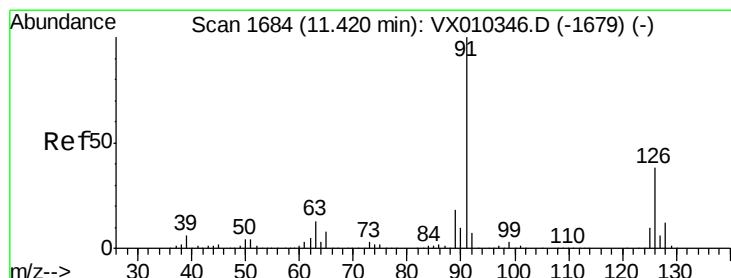
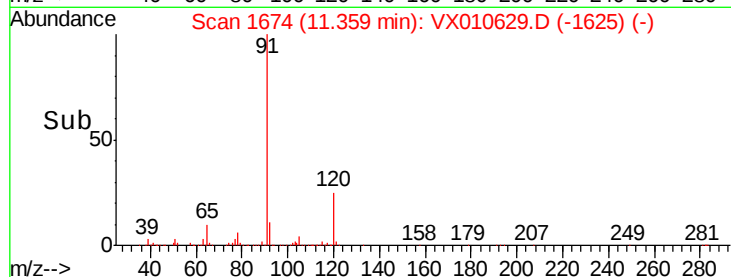
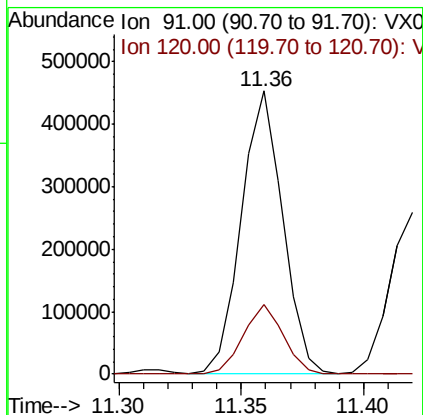
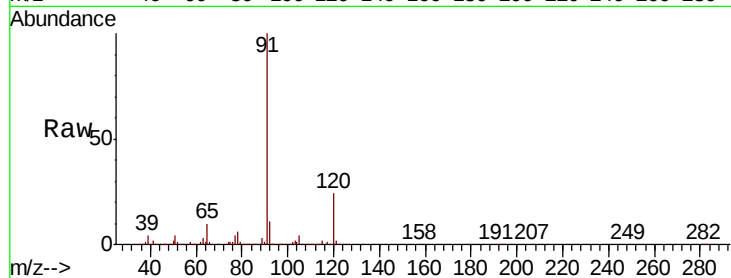
Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.4

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#79

2-Chlorotoluene

Concen: 45.969 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010629.D

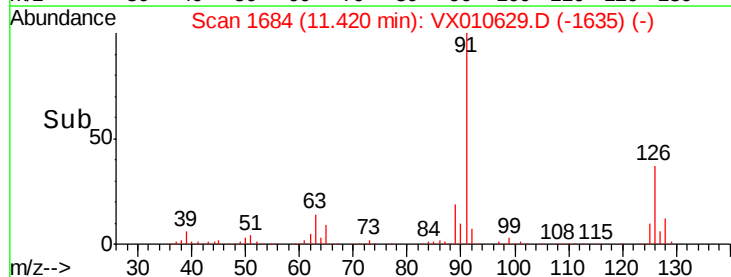
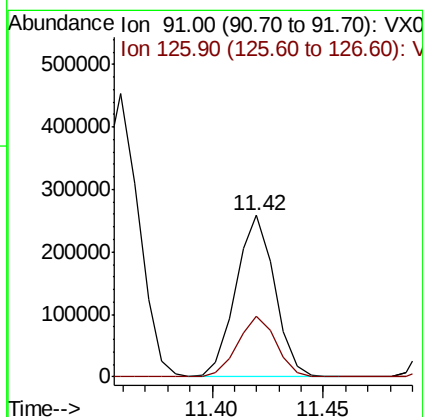
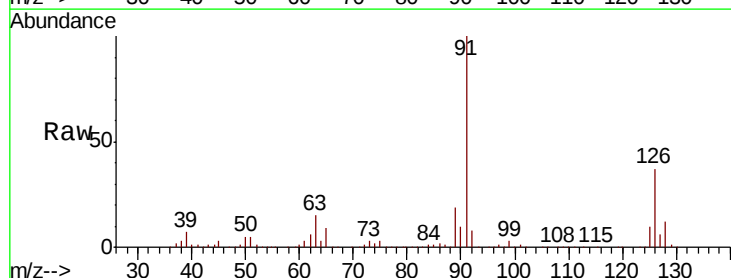
Acq: 02 Jul 2019 19:54

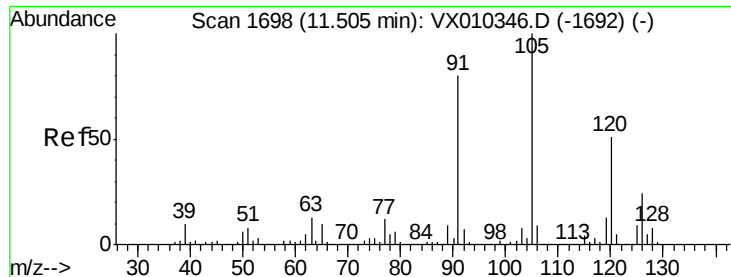
Tgt Ion: 91 Resp: 312630

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1





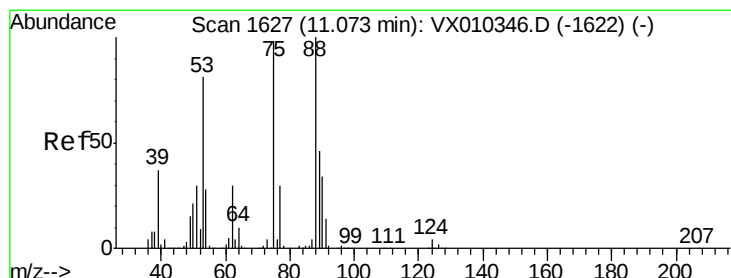
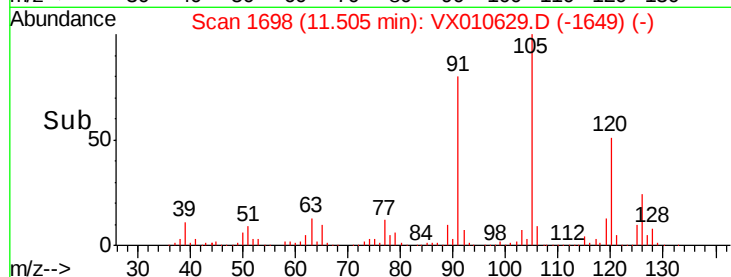
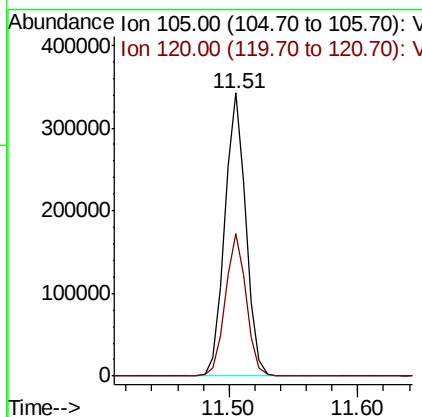
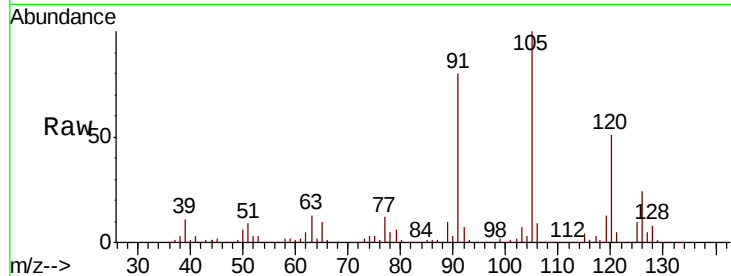
#80
 1,3,5-Trimethylbenzene
 Concen: 45.989 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion: 105 Resp: 393972
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6

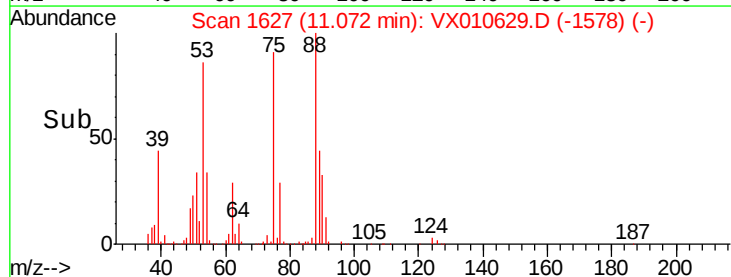
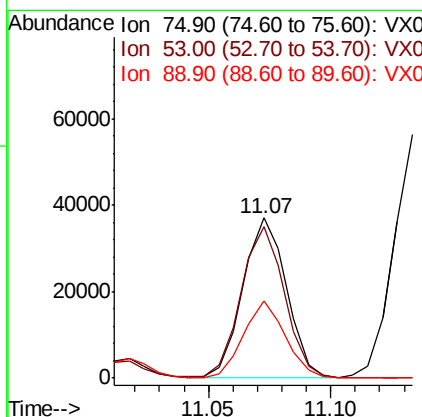
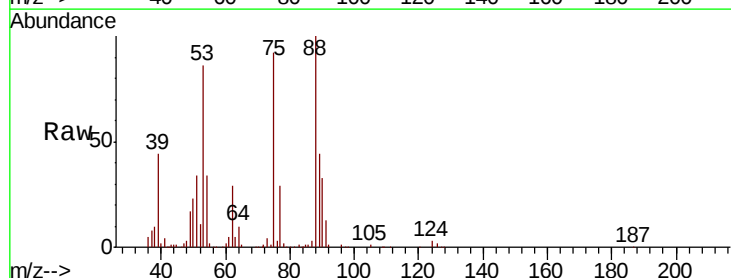
Manual Integrations
 APPROVED

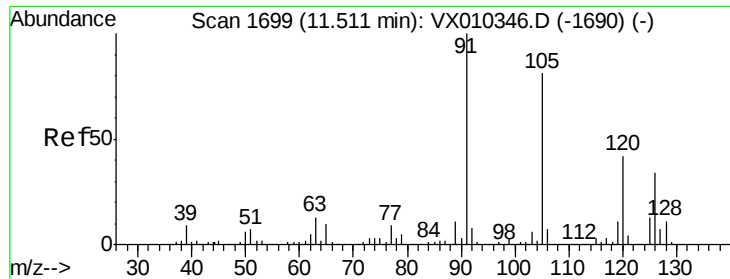
MMDadoda
 7/3/2019 9:29:49 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.256 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion: 75 Resp: 45809
 Ion Ratio Lower Upper
 75 100
 53 94.8 66.1 99.1
 89 46.9 37.8 56.6





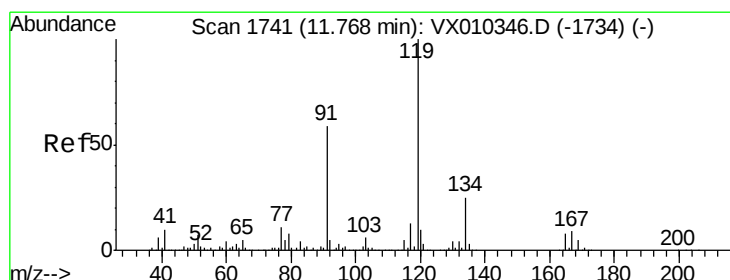
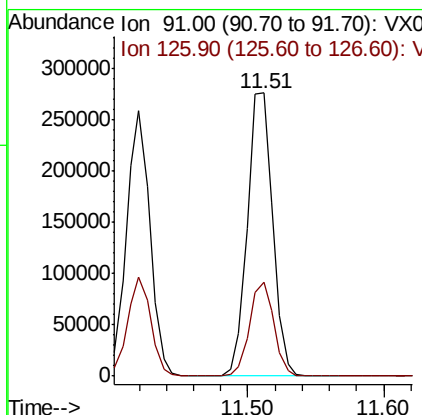
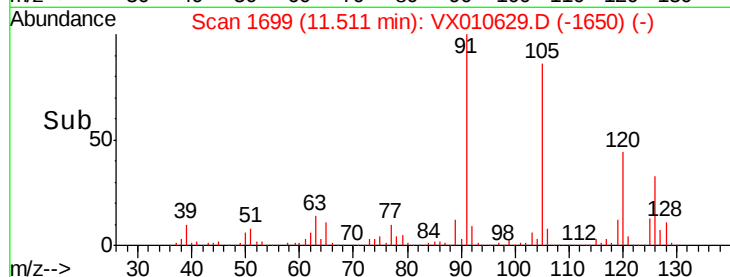
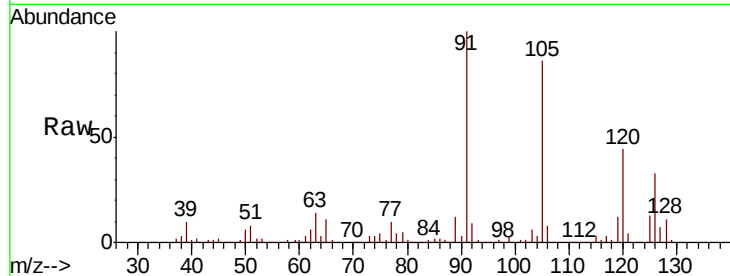
#82
4-Chlorotoluene
Concen: 46.597 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion: 91 Resp: 360594
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

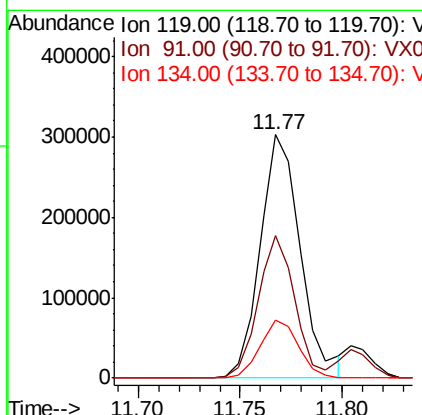
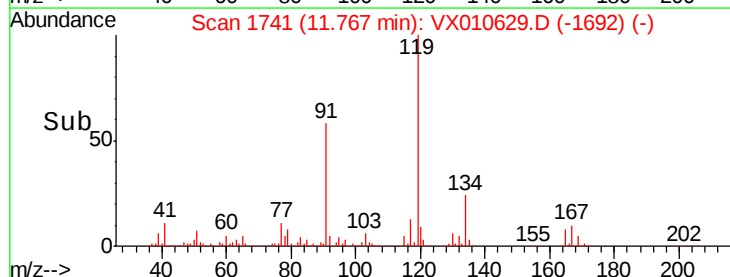
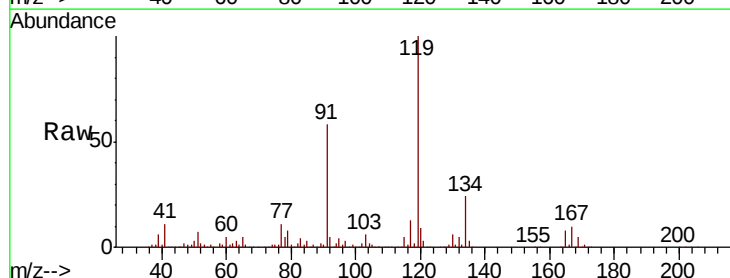
Manual Integrations
APPROVED

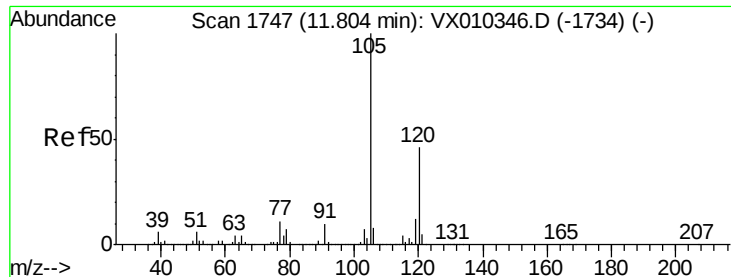
MMDadoda
7/3/2019 9:29:49 AM



#83
tert-Butylbenzene
Concen: 48.314 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion: 119 Resp: 415411
Ion Ratio Lower Upper
119 100
91 53.2 27.6 82.7
134 22.8 11.8 35.4





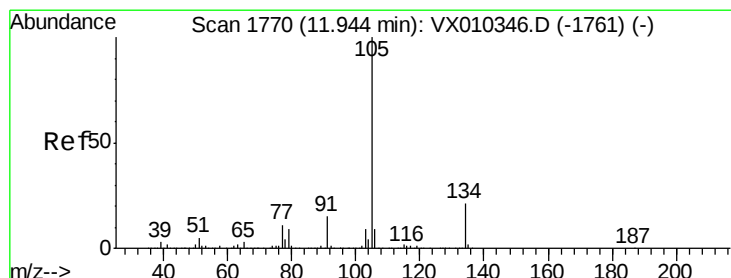
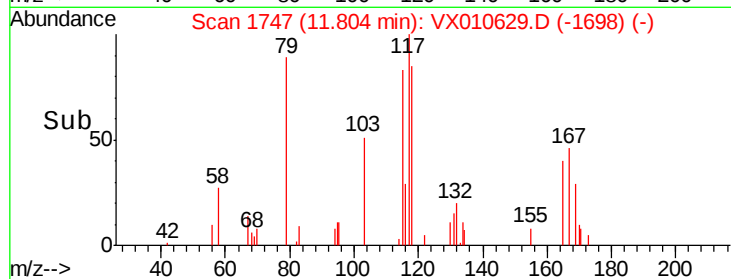
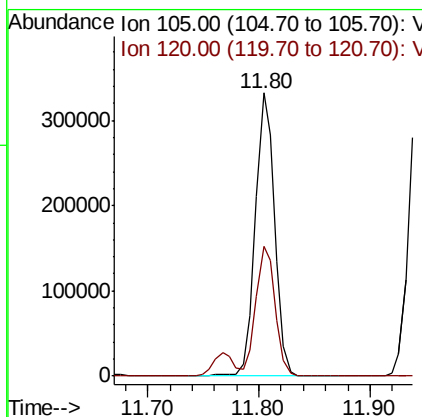
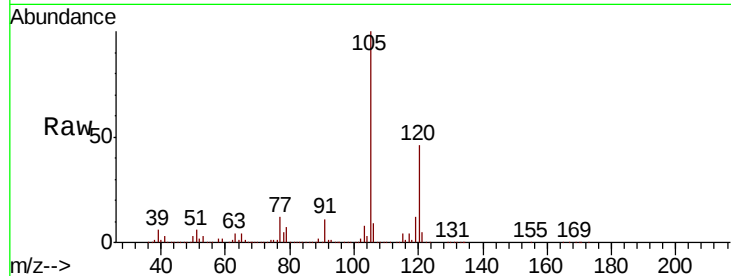
#84
 1,2,4-Trimethylbenzene
 Concen: 46.533 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2

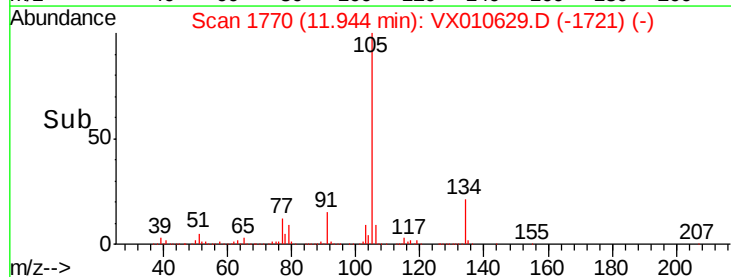
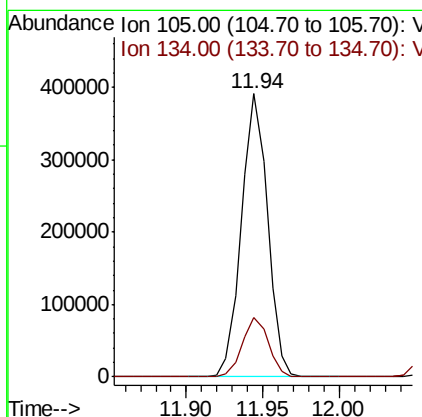
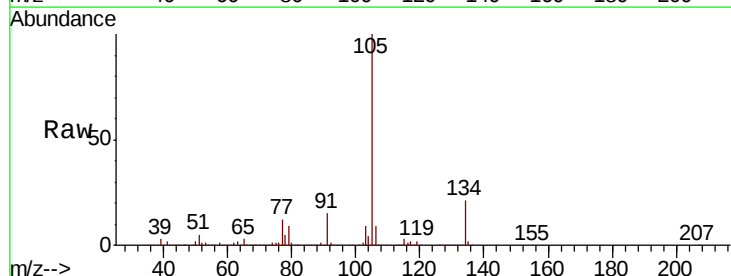
Manual Integrations
 APPROVED

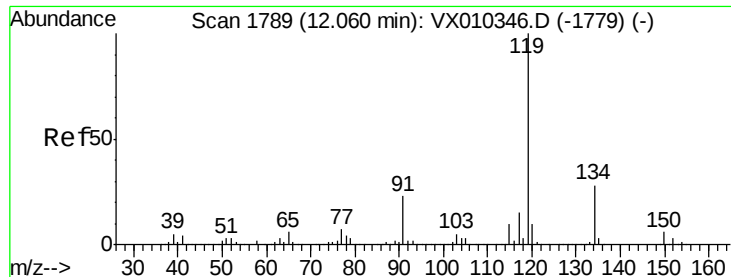
MMDadoda
 7/3/2019 9:29:49 AM



#85
 sec-Butylbenzene
 Concen: 45.940 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.7	31.9





#86

p-Isopropyltoluene

Concen: 46.238 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

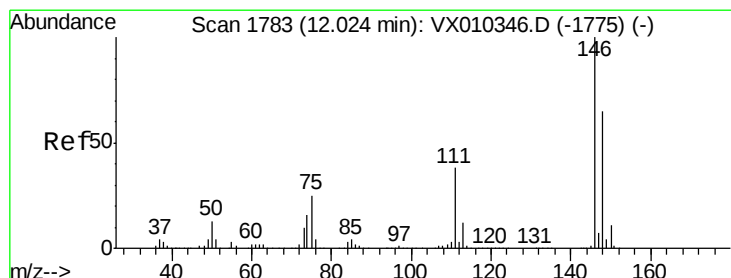
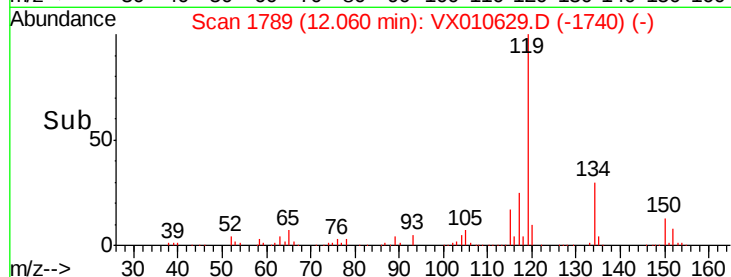
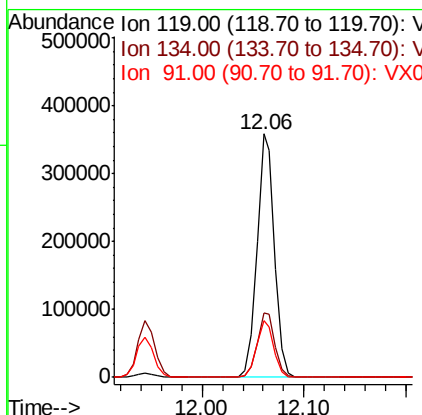
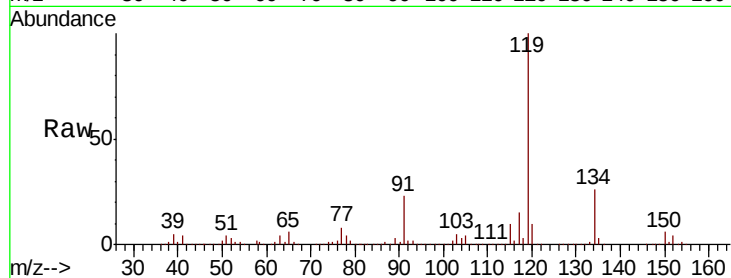
ClientSampleId :

MWHR2-6-070119MS

Tot Ion:	119	Resp:	431775
Ion Ratio	Lower	Upper	
119	100		
134	26.8	13.7	41.1
91	22.8	11.3	33.8

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM



#87

1,3-Dichlorobenzene

Concen: 44.953 ug/l

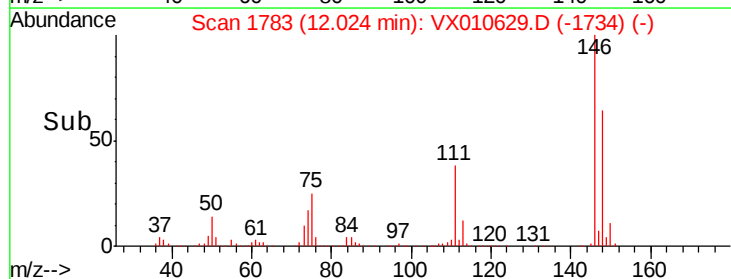
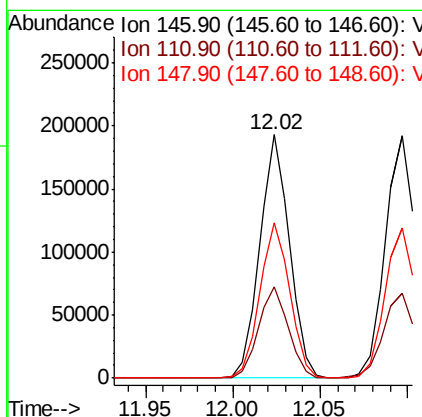
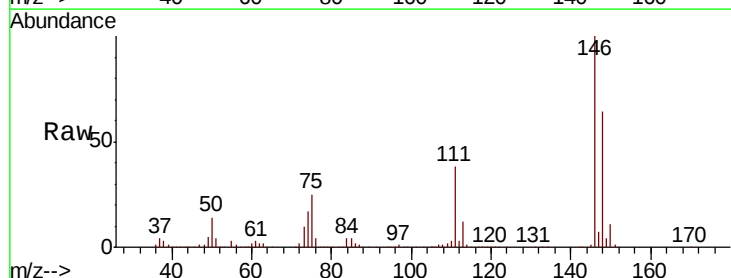
RT: 12.02 min Scan# 1783

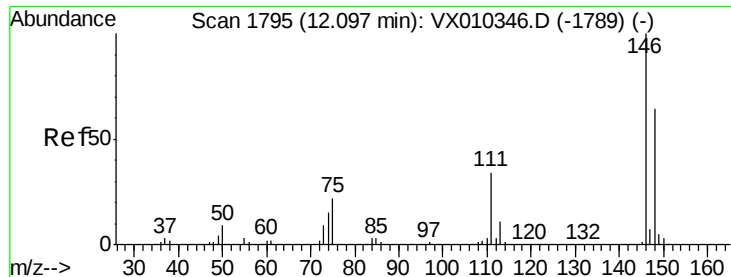
Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion:	146	Resp:	227687
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.1	57.1
148	64.2	32.5	97.4





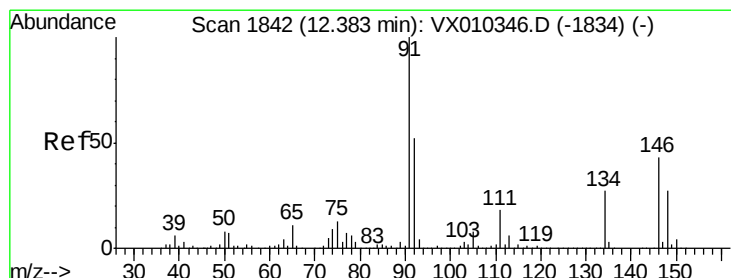
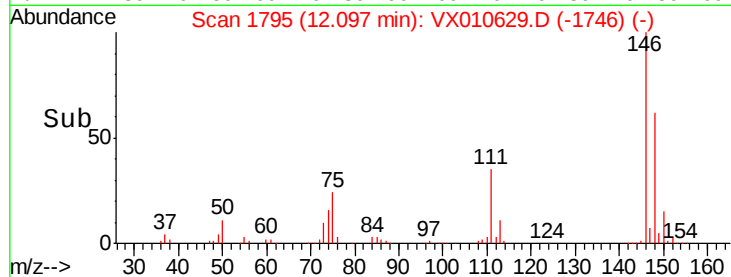
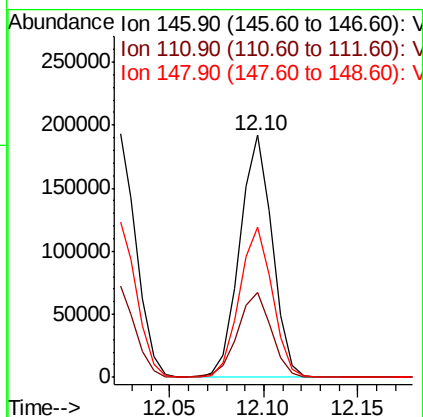
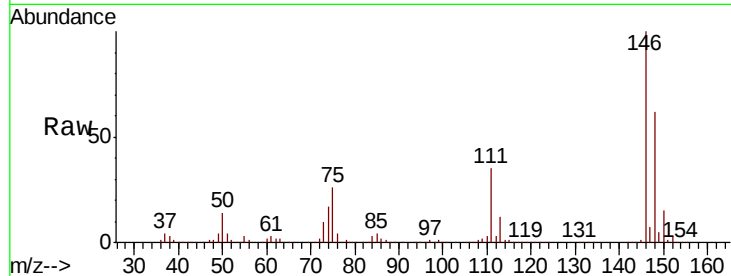
#88
 1,4-Dichlorobenzene
 Concen: 44.473 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.3
148	63.2	32.1	96.3

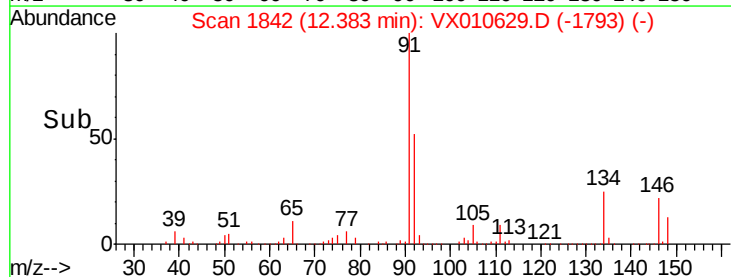
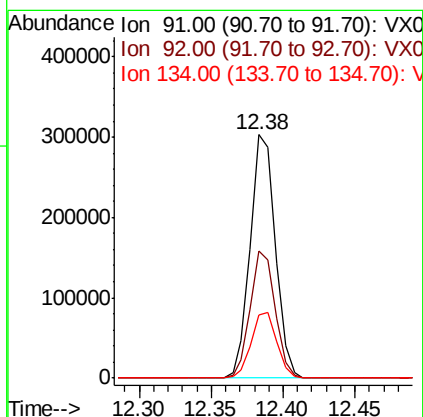
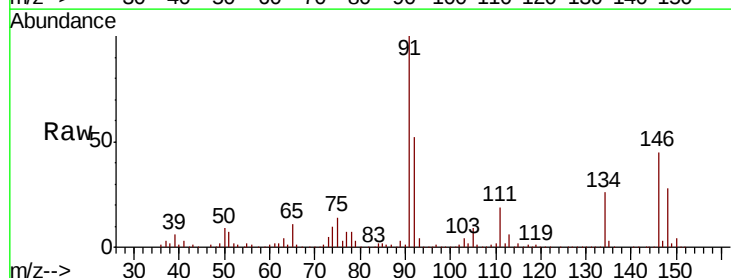
Manual Integrations
 APPROVED

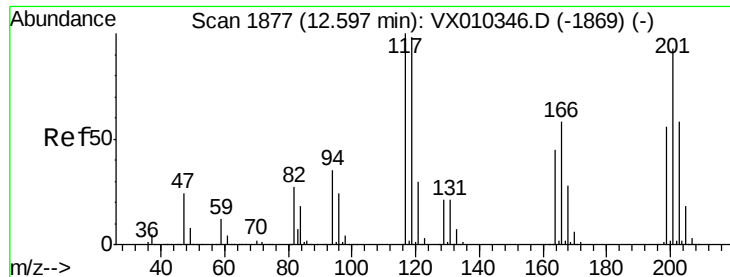
MMDadoda
 7/3/2019 9:29:49 AM



#89
 n-Butylbenzene
 Concen: 45.848 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	27.4	14.1	42.4





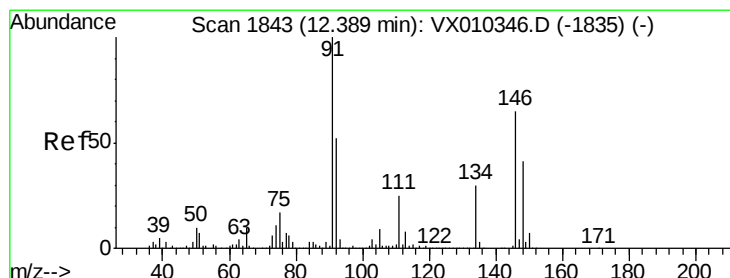
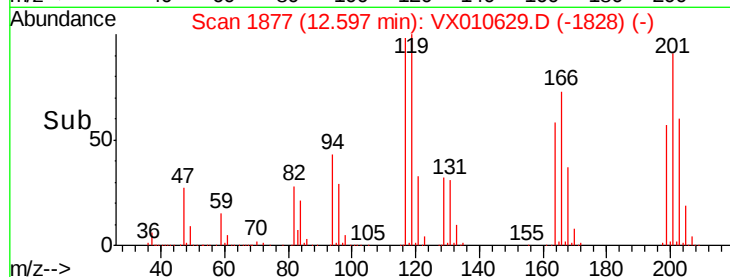
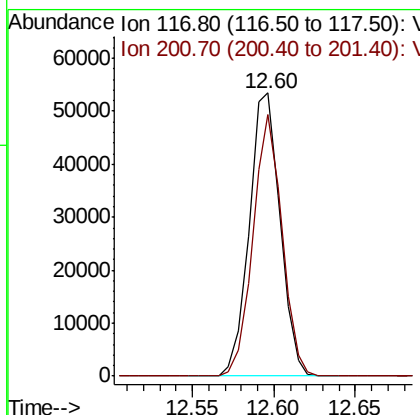
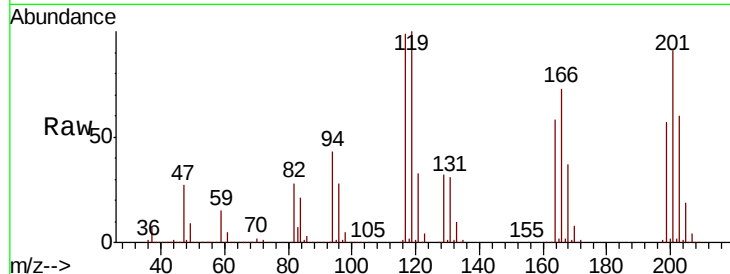
#90
Hexachloroethane
Concen: 43.750 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
117	100		
166	86.8	44.0	131.8

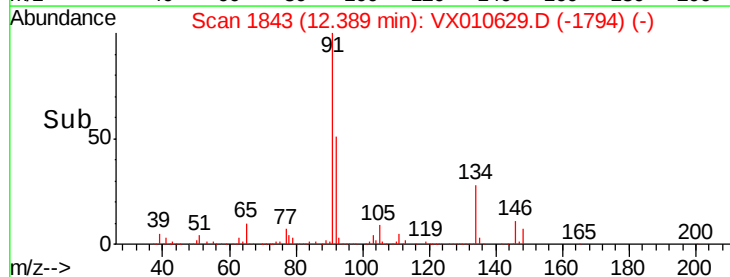
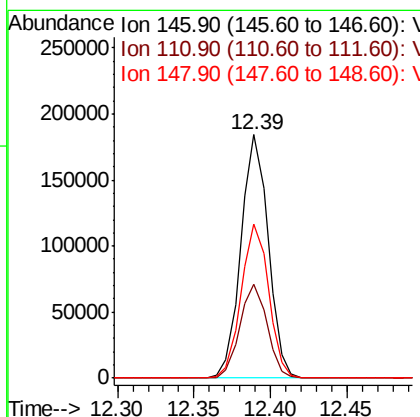
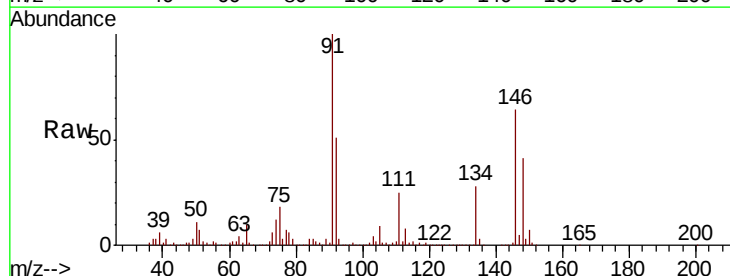
Manual Integrations
APPROVED

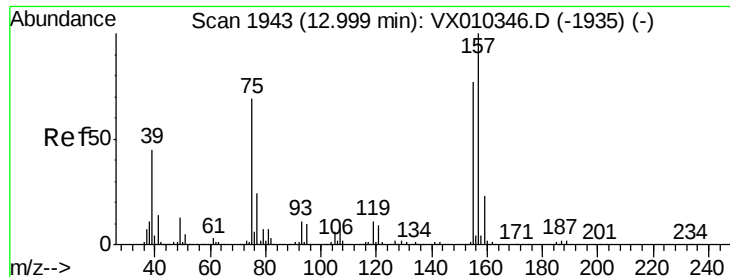
MMDadoda
7/3/2019 9:29:49 AM



#91
1,2-Dichlorobenzene
Concen: 45.276 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010629.D
Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	64.0	32.0	96.0





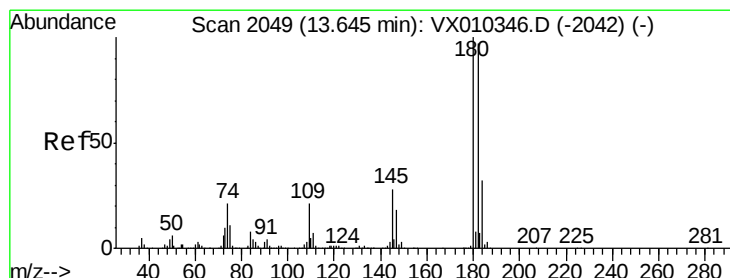
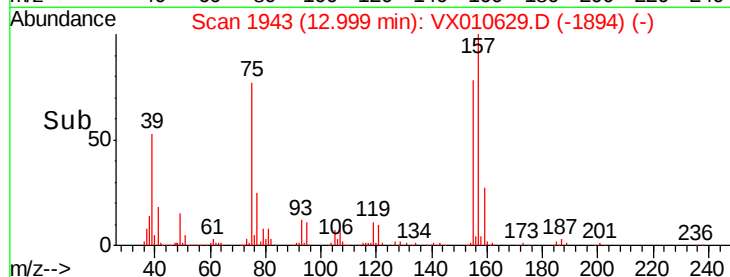
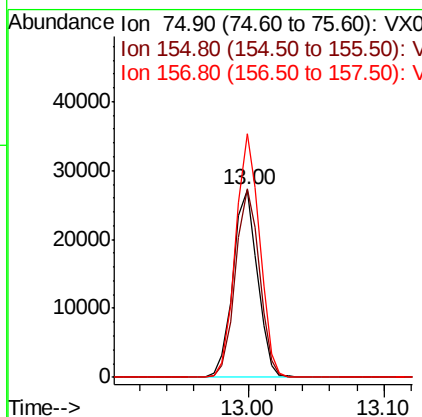
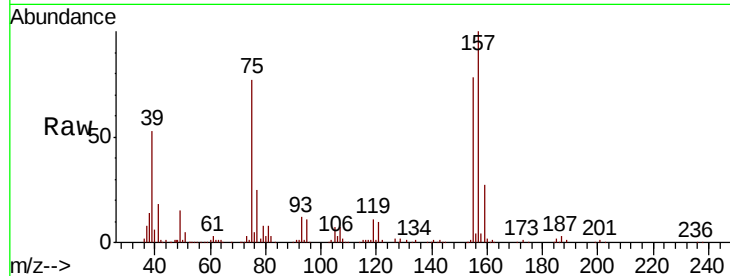
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.734 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	99.3	54.4	163.1
157	127.9	69.5	208.3

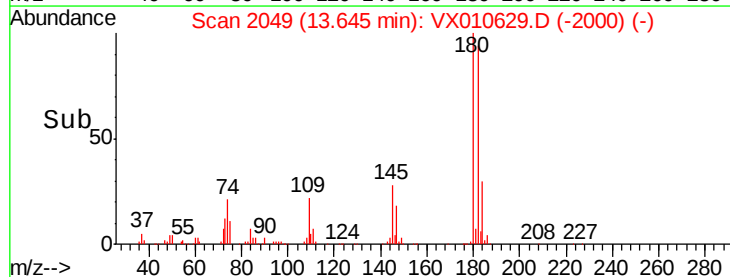
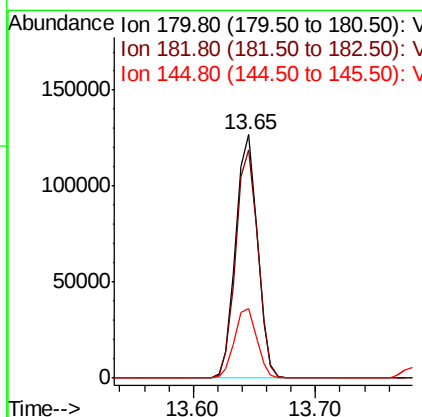
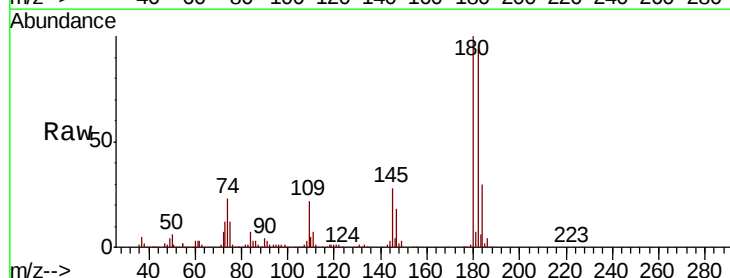
Manual Integrations
 APPROVED

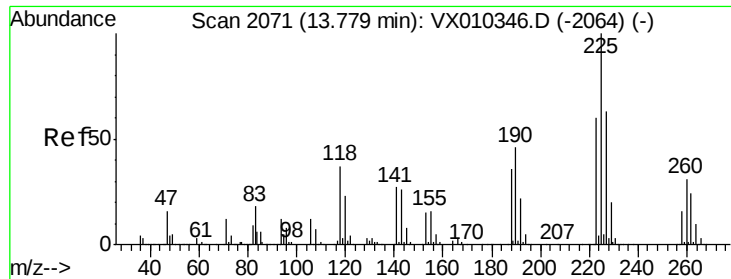
MMDadoda
 7/3/2019 9:29:49 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 44.625 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.0
145	29.4	14.4	43.4





#94

Hexachlorobutadiene

Concen: 42.972 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Instrument :

MSVOA_X

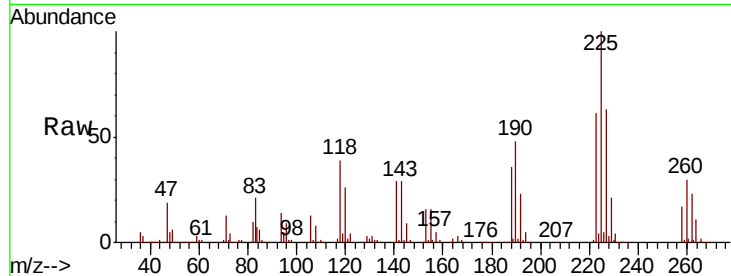
ClientSampleId :

MWHR2-6-070119MS

Tot Ion:	225	Resp:	73317
Ion Ratio		Lower	Upper
225	100		
223	62.2	30.9	92.7
227	64.7	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:49 AM

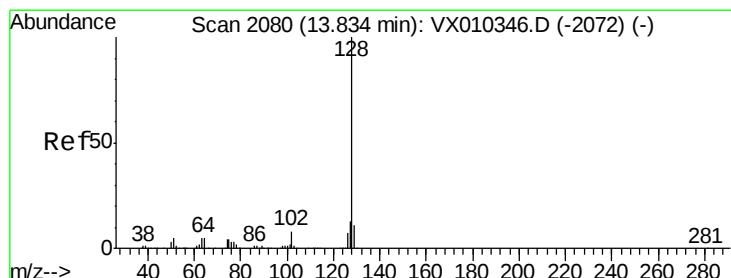
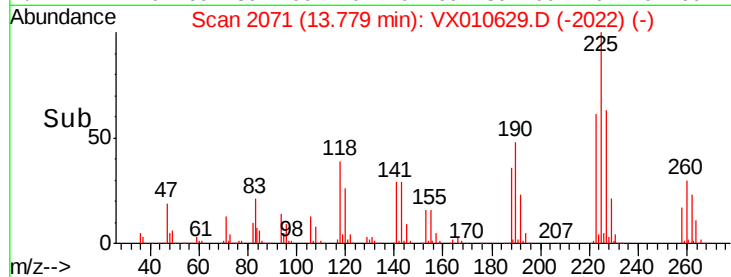
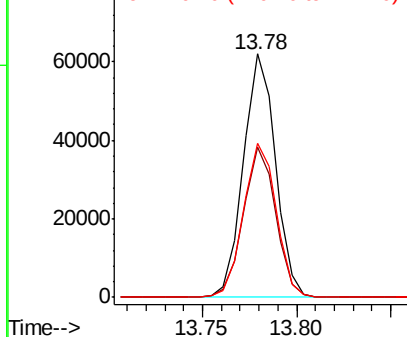


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.290 ug/l

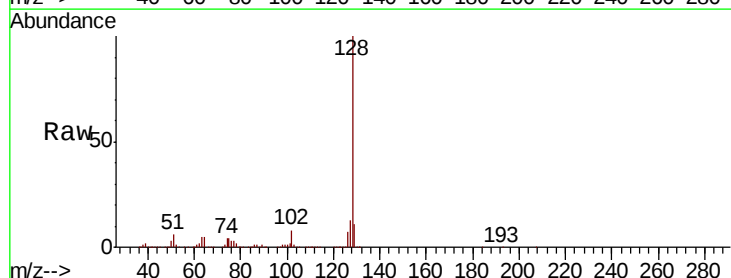
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010629.D

Acq: 02 Jul 2019 19:54

Tgt Ion:	128	Resp:	496602
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.1	8.9	13.3

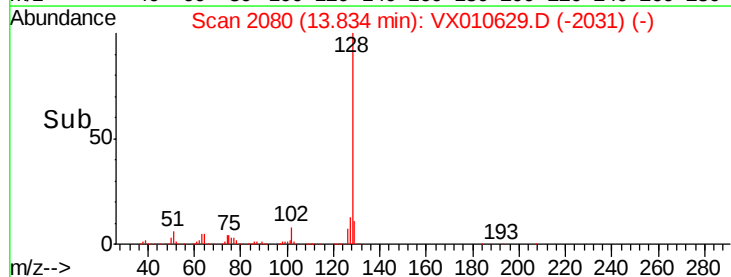
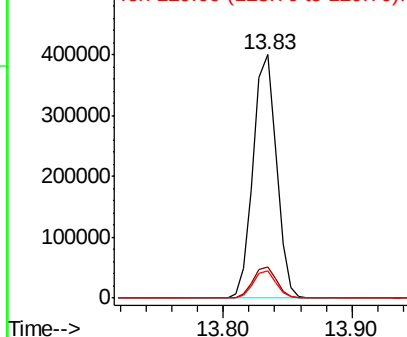


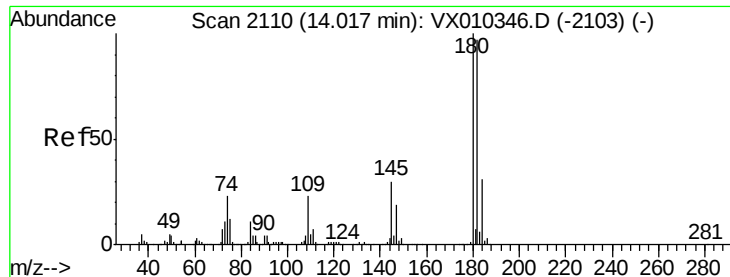
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 45.193 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010629.D
 Acq: 02 Jul 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156861		
182	96.0	47.8	143.3	
145	31.3	15.2	45.6	

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:29:49 AM

