

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006155.D
 Acq On : 22 Nov 2018 06:16
 Operator : JC/MD
 Sample : J6047-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:58 AM

Quant Time: Nov 22 06:42:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	408727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	166498	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	5.50	113	136049	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.71	98	514408	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	190220	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103366	49.915	ug/l	98
3) Chloromethane	1.32	50	123296	47.132	ug/l	98
4) Vinyl Chloride	1.41	62	128267	48.205	ug/l	97
5) Bromomethane	1.64	94	86240	42.724	ug/l	98
6) Chloroethane	1.72	64	76948	60.758	ug/l	97
7) Trichlorofluoromethane	1.93	101	176691	50.760	ug/l	97
8) Diethyl Ether	2.19	74	73350	49.849	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100175	48.532	ug/l	99
10) Methyl Iodide	2.51	142	118712	45.873	ug/l	99
11) Tert butyl alcohol	3.06	59	138721	201.947	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95665	47.542	ug/l	98
13) Acrolein	2.29	56	91994	223.805	ug/l	99
14) Allyl chloride	2.73	41	192673	46.802	ug/l	98
15) Acrylonitrile	3.15	53	351347	231.570	ug/l	99
16) Acetone	2.45	43	314989	219.826	ug/l	100
17) Carbon Disulfide	2.57	76	283849	52.242	ug/l	99
18) Methyl Acetate	2.78	43	159901	43.516	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	360390	51.815	ug/l	99
20) Methylene Chloride	2.86	84	111219	51.290	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	107956	51.277	ug/l	99
22) Diisopropyl ether	3.87	45	462247	52.451	ug/l	96
23) Vinyl Acetate	3.82	43	1712872	234.273	ug/l	99
24) 1,1-Dichloroethane	3.70	63	215004	51.785	ug/l	99
25) 2-Butanone	4.70	43	605133	227.522	ug/l	100
26) 2,2-Dichloropropane	4.59	77	130944	38.266	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145015	49.282	ug/l	99
28) Bromochloromethane	5.01	49	129070	53.338	ug/l	98
29) Tetrahydrofuran	5.15	42	399021	240.498	ug/l	99
30) Chloroform	5.21	83	250359	49.760	ug/l	98
31) Cyclohexane	5.58	56	218248	50.324	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	212304	52.258	ug/l	99
36) 1,1-Dichloropropene	5.80	75	183444	49.334	ug/l	98
37) Ethyl Acetate	4.85	43	201871	42.197	ug/l	100
38) Carbon Tetrachloride	5.79	117	181958	52.062	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112118\
 Data File : VX006155.D
 Acq On : 22 Nov 2018 06:16
 Operator : JC/MD
 Sample : J6047-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:58 AM

Quant Time: Nov 22 06:42:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212592	50.185	ug/l	98
40) Benzene	6.15	78	549249	50.136	ug/l	99
41) Methacrylonitrile	5.06	41	128643	48.795	ug/l	99
42) 1,2-Dichloroethane	6.20	62	205824	50.254	ug/l	100
43) Isopropyl Acetate	6.46	43	318001	46.028	ug/l	99
44) Trichloroethene	7.21	130	149152	48.986	ug/l	100
45) 1,2-Dichloropropane	7.52	63	148648	51.271	ug/l	100
46) Dibromomethane	7.66	93	98798	49.760	ug/l	99
47) Bromodichloromethane	7.90	83	187929	51.176	ug/l	98
48) Methyl methacrylate	7.77	41	183211	52.288	ug/l	99
49) 1,4-Dioxane	7.75	88	65629	789.484	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1232533	248.849	ug/l	100
52) Toluene	8.79	92	353715	52.201	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	190256	49.649	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	204230	48.210	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	147072	50.116	ug/l	97
56) Ethyl methacrylate	9.18	69	215732	47.368	ug/l	99
57) 1,3-Dichloropropane	9.37	76	244304	50.506	ug/l	100
59) 2-Hexanone	9.49	43	956183	243.260	ug/l	100
60) Dibromochloromethane	9.59	129	150333	52.251	ug/l	100
61) 1,2-Dibromoethane	9.67	107	155684	51.495	ug/l	99
64) Tetrachloroethene	9.34	164	154412	48.723	ug/l	99
65) Chlorobenzene	10.14	112	399453	50.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	140690	51.878	ug/l	100
67) Ethyl Benzene	10.25	91	693191	53.595	ug/l	100
68) m/p-Xylenes	10.36	106	536026	106.430	ug/l	100
69) o-Xylene	10.70	106	260041	54.054	ug/l	97
70) Styrene	10.71	104	427342	54.480	ug/l	99
71) Bromoform	10.86	173	122236	50.354	ug/l	99
73) Isopropylbenzene	11.02	105	697300	53.675	ug/l	100
74) N-amyl acetate	10.90	43	273558	41.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	238960	48.809	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	219672m	49.695	ug/l	
77) Bromobenzene	11.26	156	185103	50.862	ug/l	99
78) n-propylbenzene	11.36	91	813810	53.790	ug/l	100
79) 2-Chlorotoluene	11.42	91	479389	52.375	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	590628	53.923	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57229	43.788	ug/l	99
82) 4-Chlorotoluene	11.51	91	560380	52.462	ug/l	99
83) tert-Butylbenzene	11.77	119	580164	54.257	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	604351	54.092	ug/l	99
85) sec-Butylbenzene	11.94	105	708265	54.152	ug/l	99
86) p-Isopropyltoluene	12.07	119	631760	54.176	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	340818	50.791	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342182	49.191	ug/l	99
89) n-Butylbenzene	12.39	91	550140	52.106	ug/l	99
90) Hexachloroethane	12.60	117	98600	52.985	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	345141	50.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54424	47.907	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	245026	50.701	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006155.D
Acq On : 22 Nov 2018 06:16
Operator : JC/MD
Sample : J6047-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

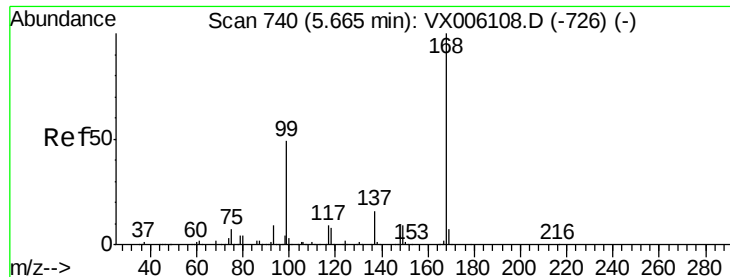
Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM

Quant Time: Nov 22 06:42:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	112028	47.564	ug/l	99
95) Naphthalene	13.83	128	770669	54.231	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254776	51.711	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion:168 Resp: 278672

Ion Ratio Lower Upper

168 100

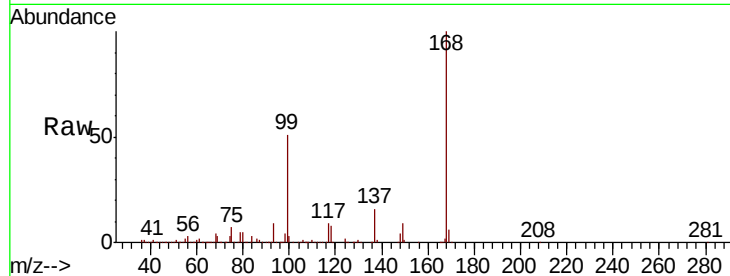
99 50.4 39.2 58.8

Manual Integrations

APPROVED

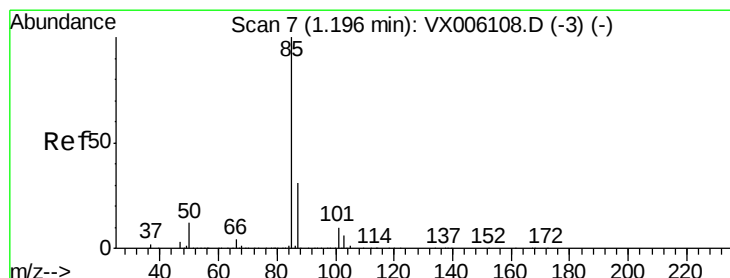
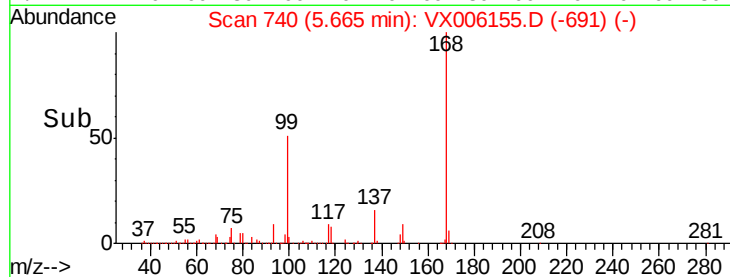
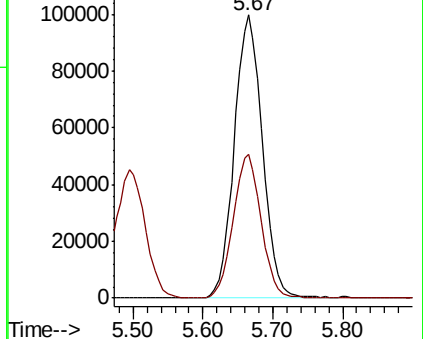
MMDadoda

11/26/2018 9:48:58 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.915 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006155.D

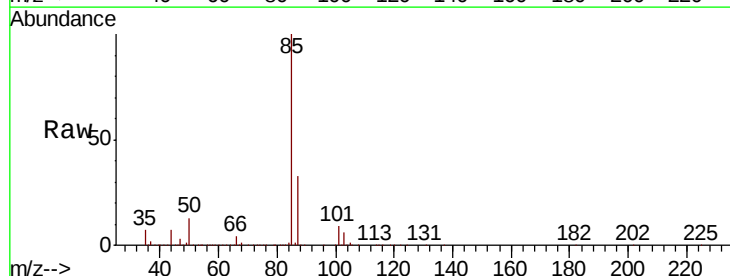
Acq: 22 Nov 2018 06:16

Tgt Ion: 85 Resp: 103366

Ion Ratio Lower Upper

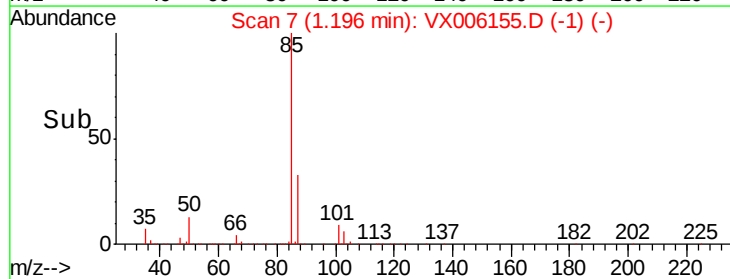
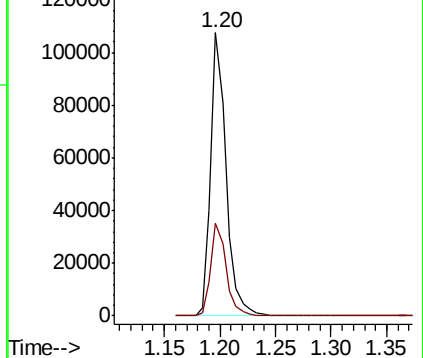
85 100

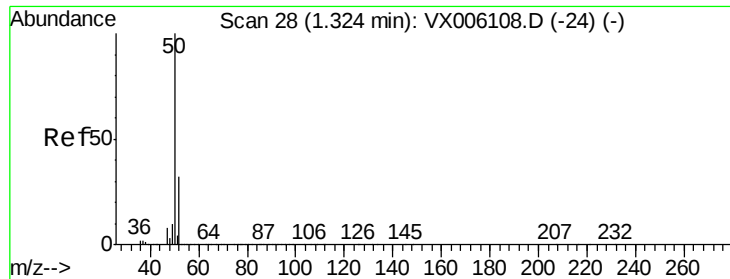
87 32.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.132 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 50 Resp: 123296

Ion Ratio Lower Upper

50 100

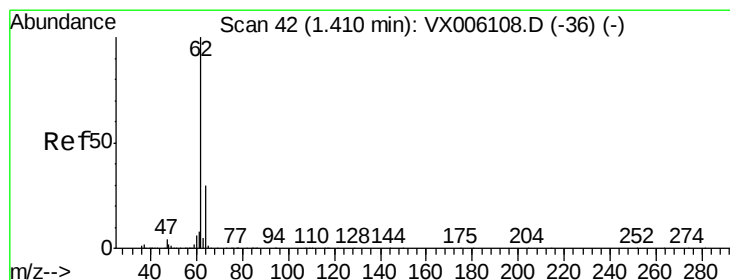
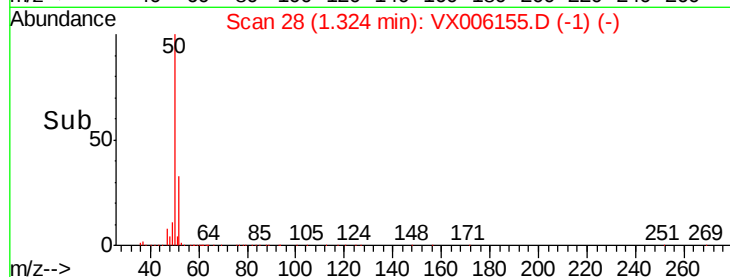
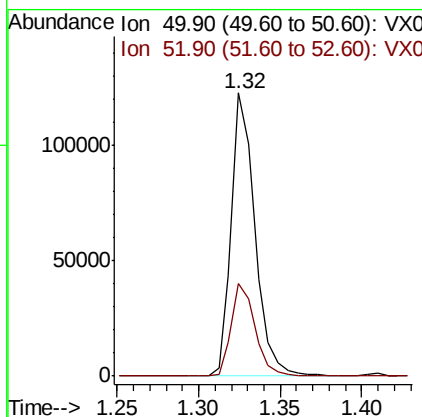
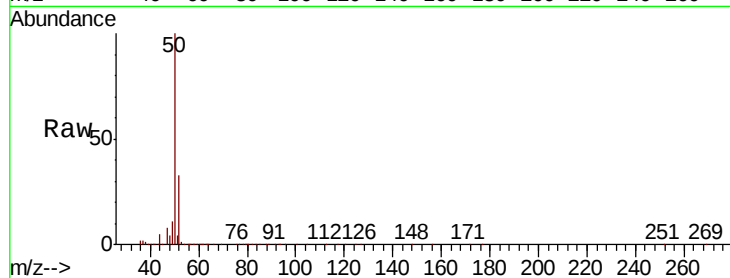
52 32.9 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#4

Vinyl Chloride

Concen: 48.205 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006155.D

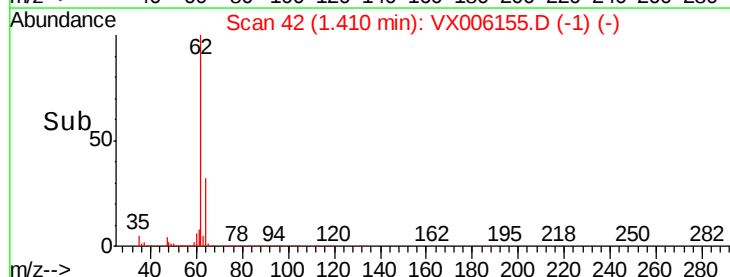
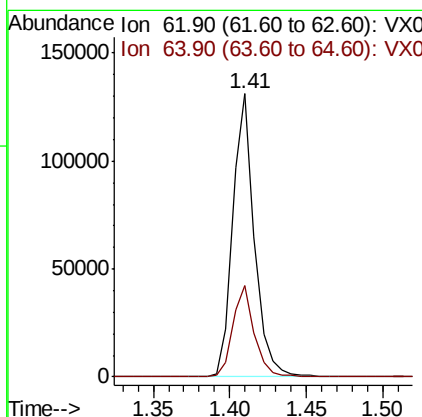
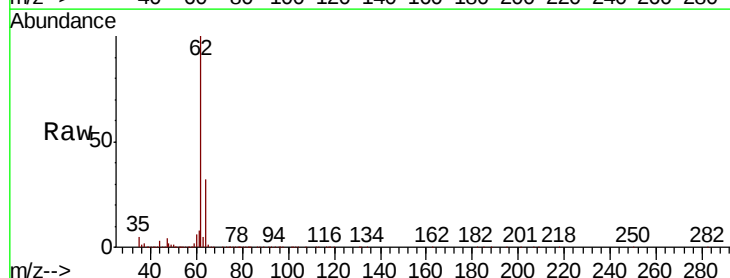
Acq: 22 Nov 2018 06:16

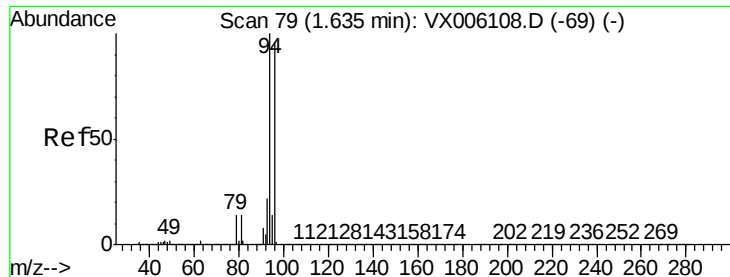
Tgt Ion: 62 Resp: 128267

Ion Ratio Lower Upper

62 100

64 32.2 24.2 36.4





#5

Bromomethane

Concen: 42.724 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 94 Resp: 86240

Ion Ratio Lower Upper

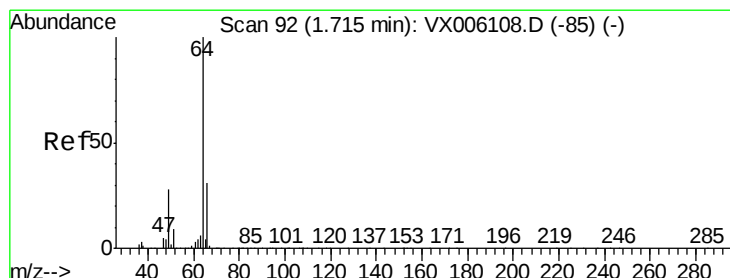
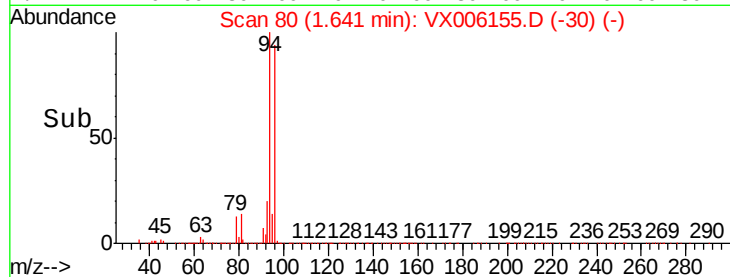
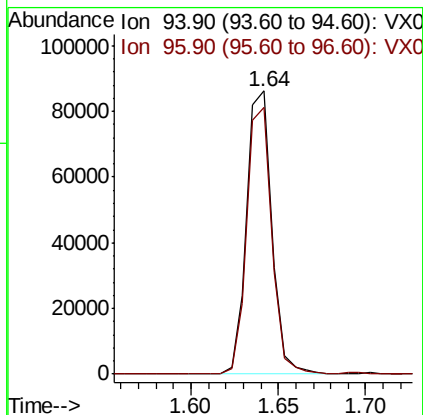
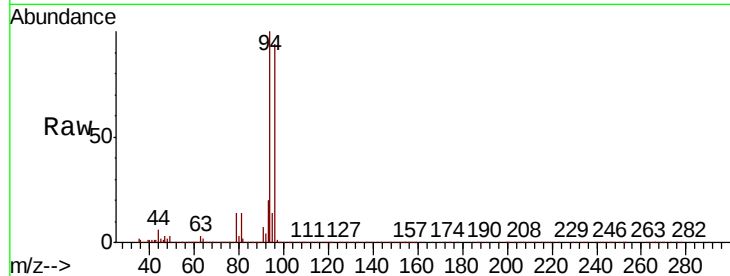
94 100

96 94.0 76.7 115.1

Manual Integrations
APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#6

Chloroethane

Concen: 60.758 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006155.D

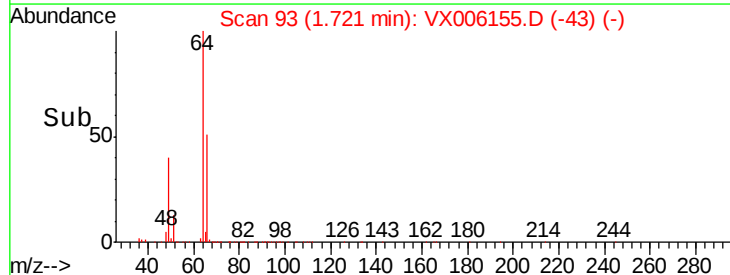
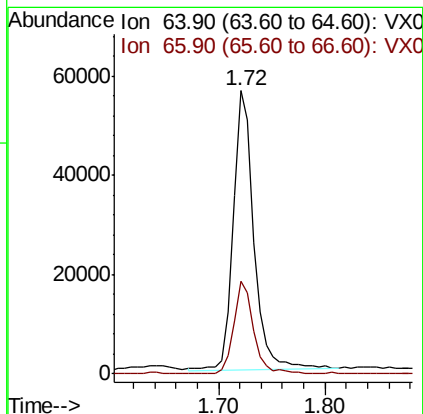
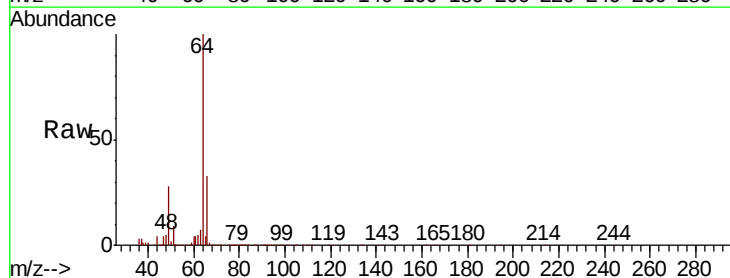
Acq: 22 Nov 2018 06:16

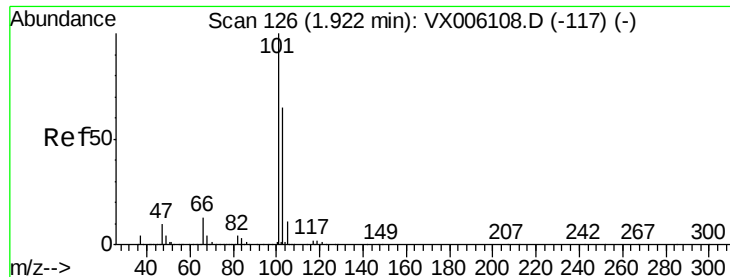
Tgt Ion: 64 Resp: 76948

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7





#7

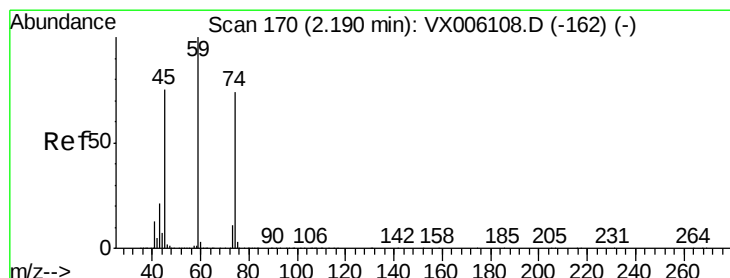
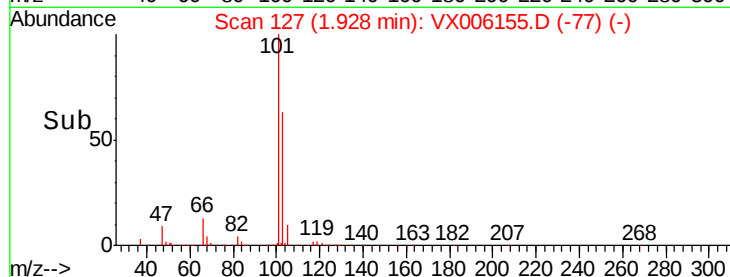
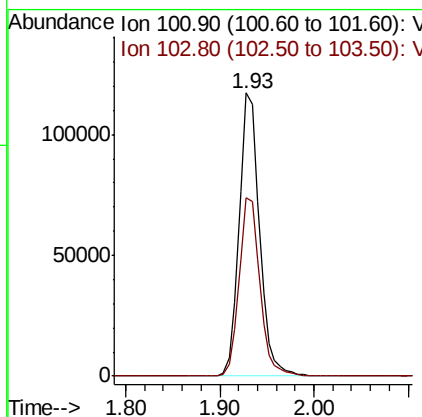
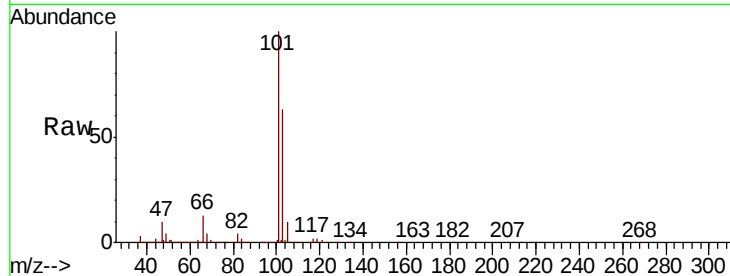
Trichlorofluoromethane
Concen: 50.760 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion:101 Resp: 176691
Ion Ratio Lower Upper
101 100
103 63.1 52.1 78.1

Manual Integrations
APPROVED

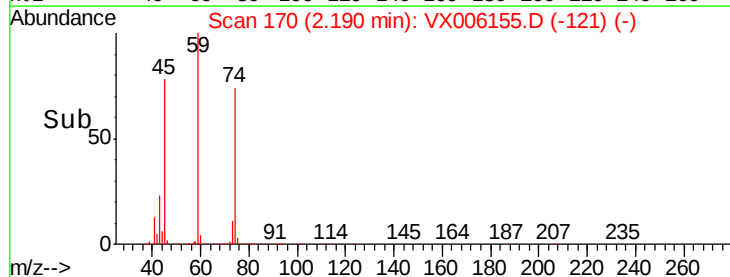
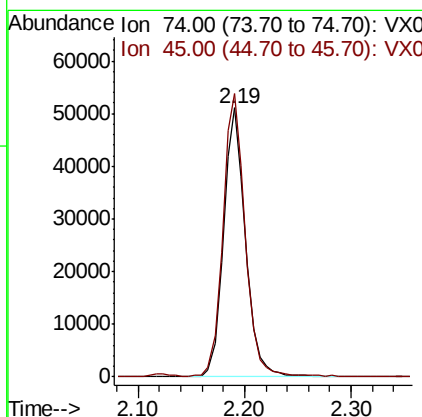
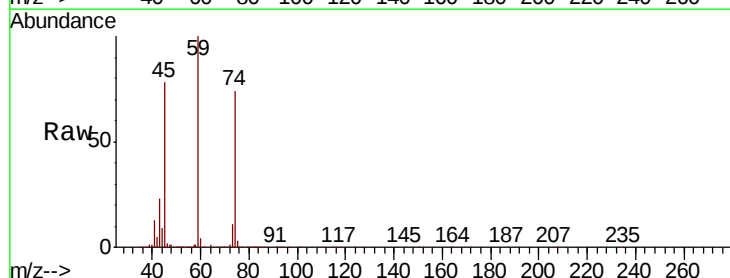
MMDadoda
11/26/2018 9:48:58 AM

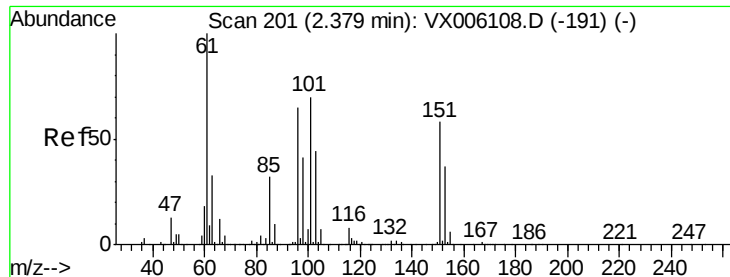


#8

Diethyl Ether
Concen: 49.849 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion: 74 Resp: 73350
Ion Ratio Lower Upper
74 100
45 105.0 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.532 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

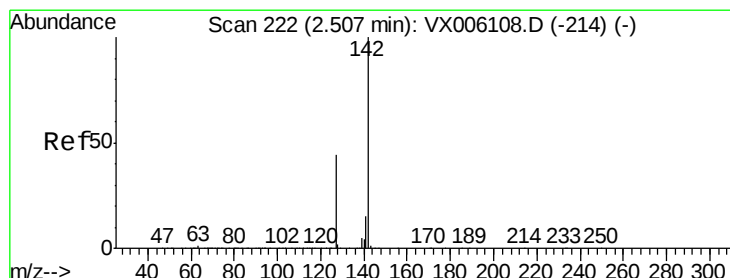
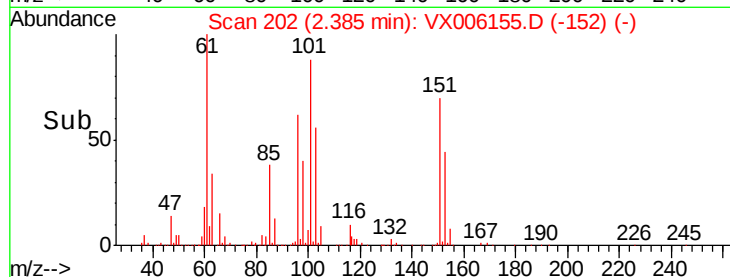
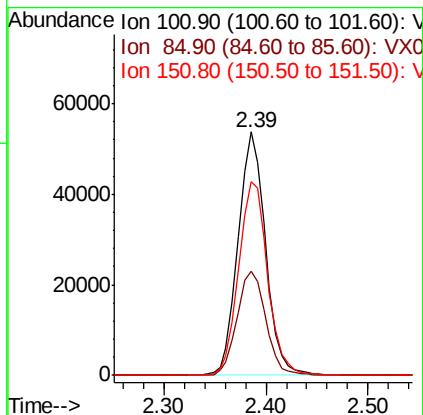
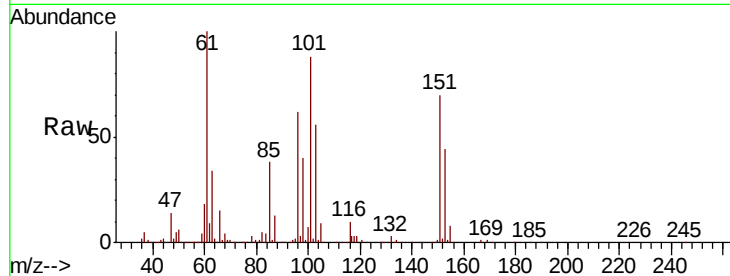
ClientSampleId :

EP2-MW-101MS

Tot Ion:	101	Resp:	100175
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	83.8	65.8	98.6

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



#10

Methyl Iodide

Concen: 45.873 ug/l

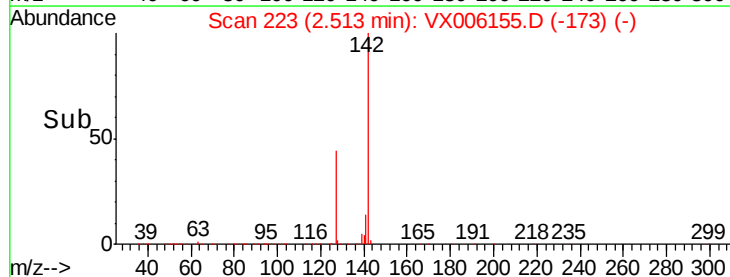
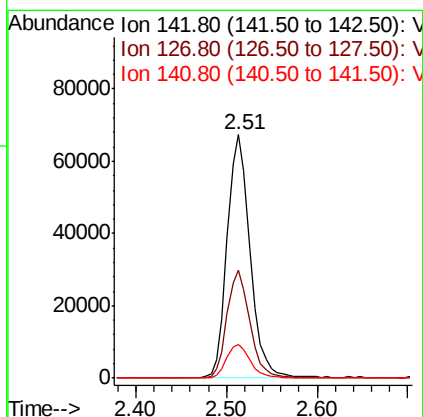
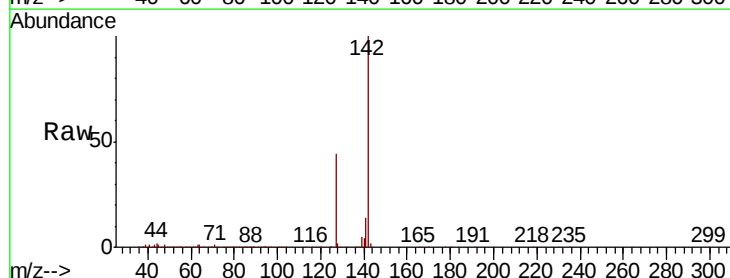
RT: 2.51 min Scan# 223

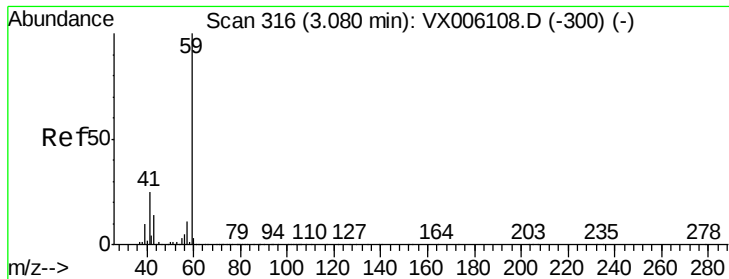
Delta R.T. 0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Tgt Ion:	142	Resp:	118712
Ion Ratio	Lower	Upper	
142	100		
127	44.2	36.0	54.0
141	14.3	11.7	17.5





#11

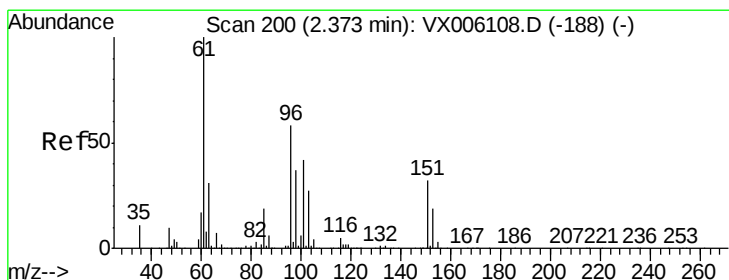
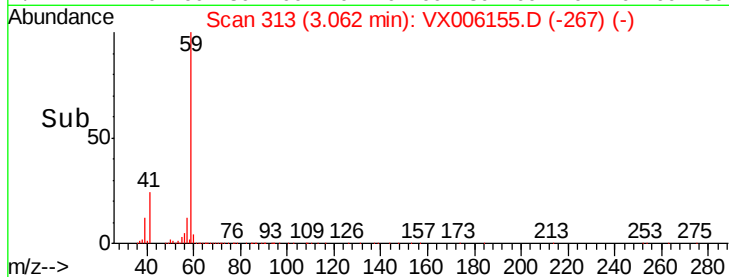
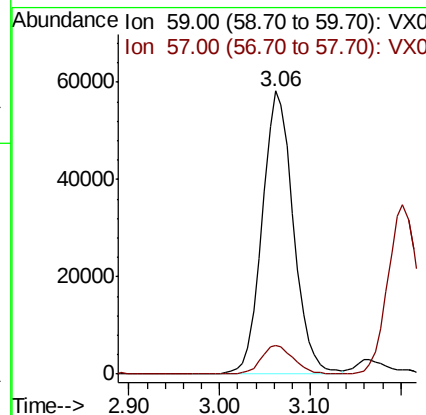
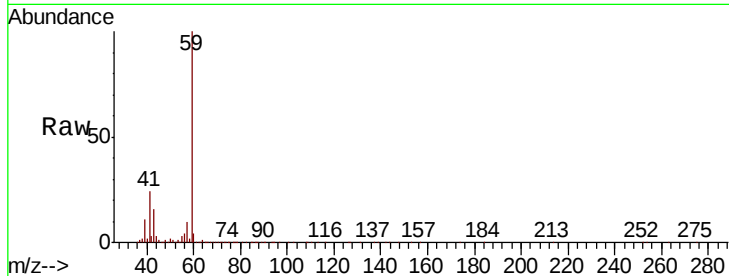
Tert butyl alcohol
Concen: 201.947 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.4	8.7	13.1

Manual Integrations
APPROVED

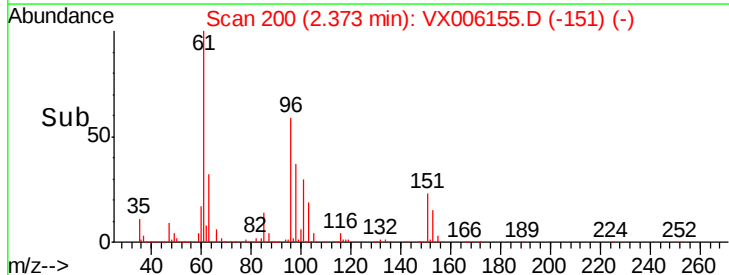
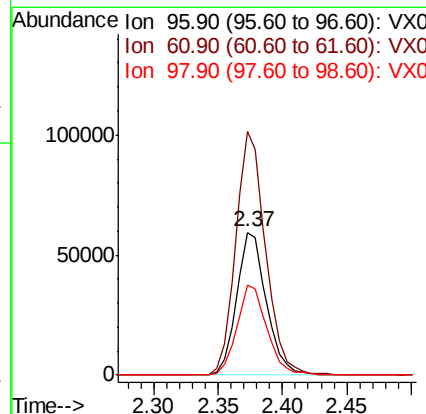
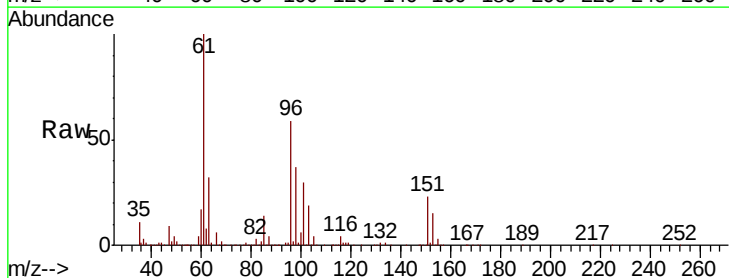
MMDadoda
11/26/2018 9:48:58 AM

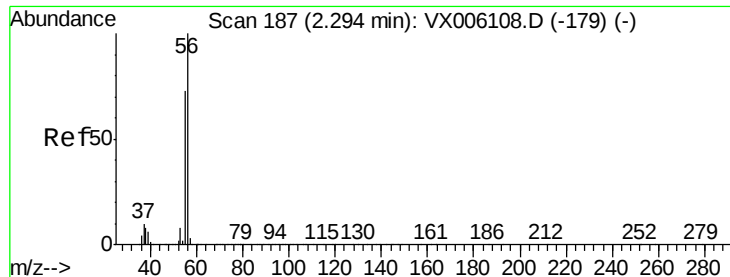


#12

1,1-Dichloroethene
Concen: 47.542 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	170.2	138.2	207.4
98	98	63.1	51.3	76.9





#13

Acrolein

Concen: 223.805 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 56 Resp: 91994

Ion Ratio Lower Upper

56 100

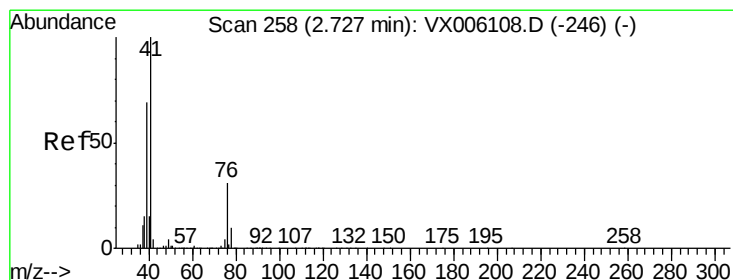
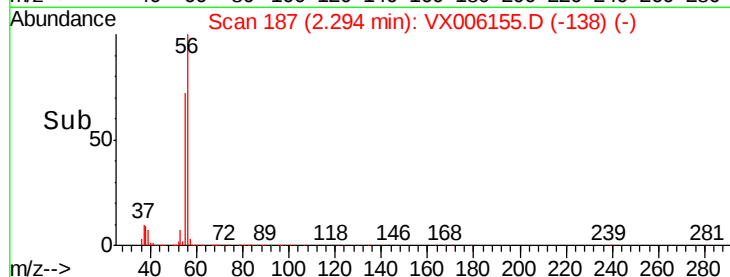
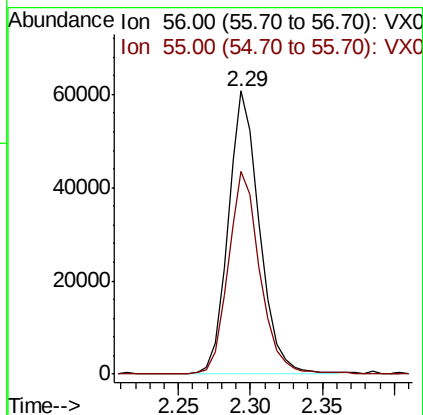
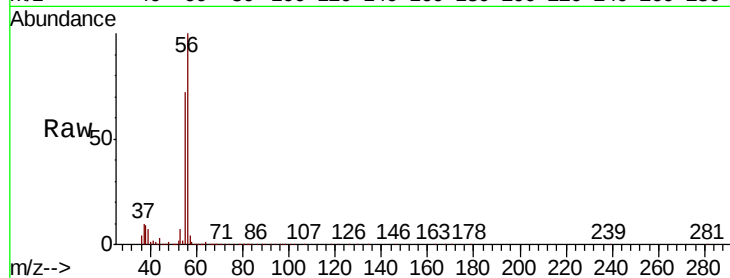
55 73.4 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#14

Allyl chloride

Concen: 46.802 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

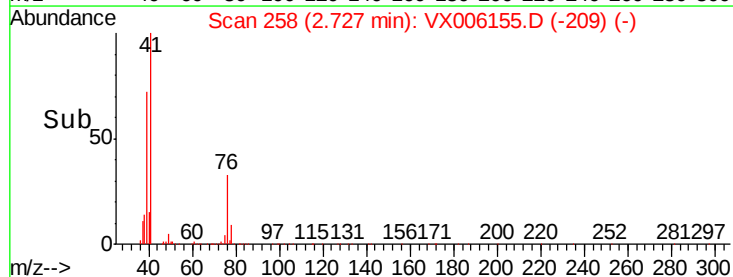
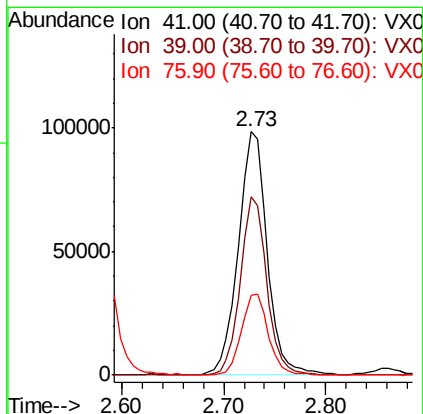
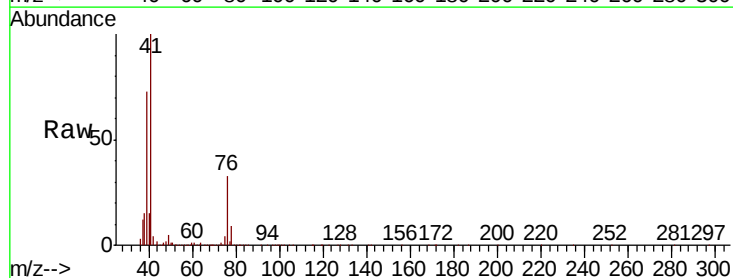
Tgt Ion: 41 Resp: 192673

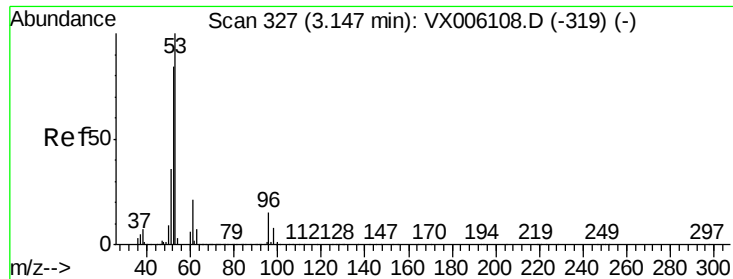
Ion Ratio Lower Upper

41 100

39 67.2 52.5 78.7

76 30.8 23.4 35.2





#15

Acrylonitrile

Concen: 231.570 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

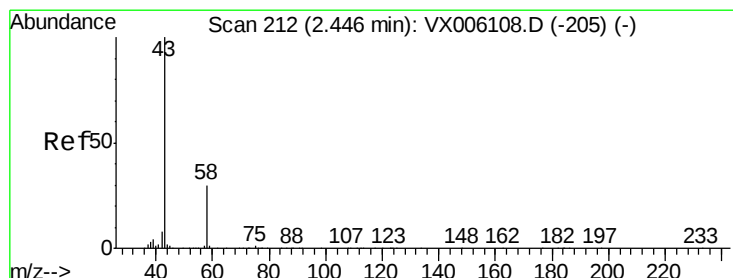
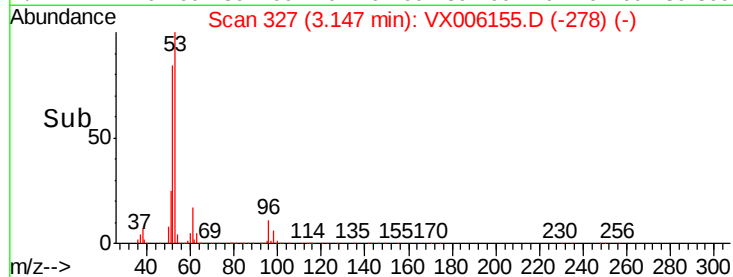
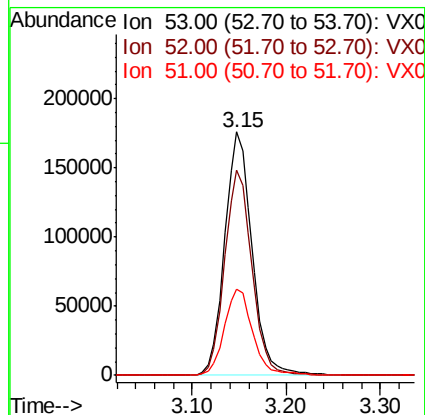
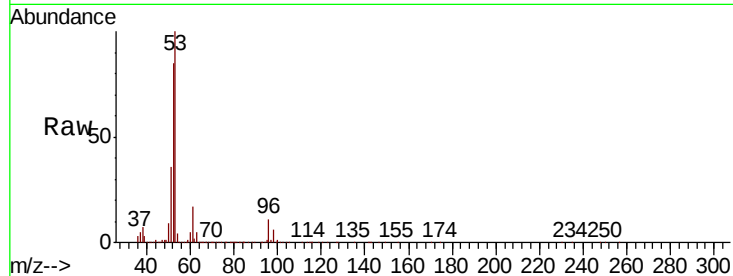
ClientSampleId :

EP2-MW-101MS

Tot Ion:	53	Resp:	351347
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.4	99.6
51	36.8	29.4	44.0

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



#16

Acetone

Concen: 219.826 ug/l

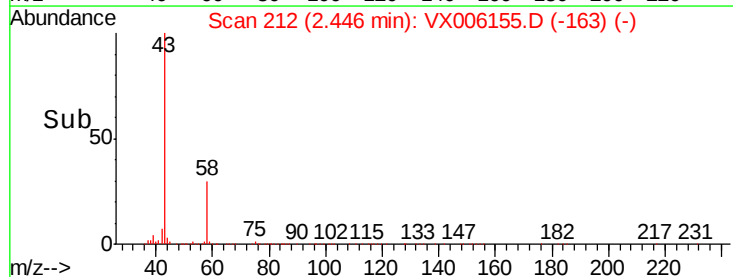
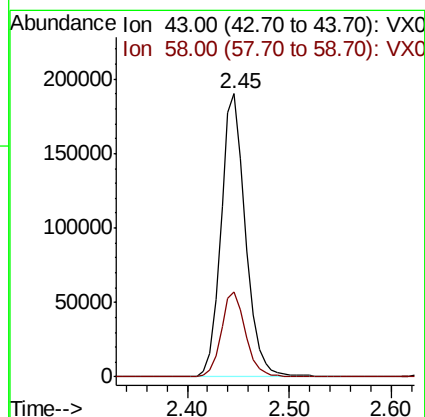
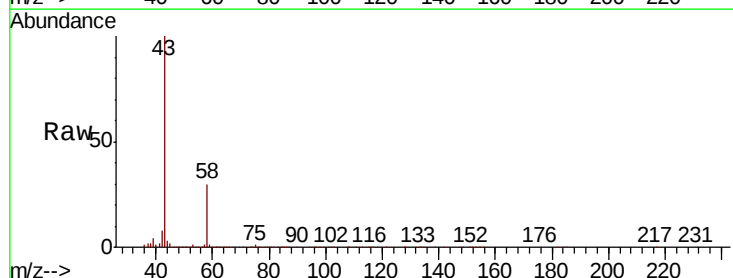
RT: 2.45 min Scan# 212

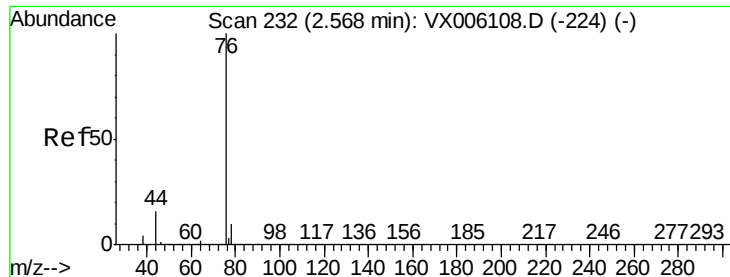
Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Tgt Ion:	43	Resp:	314989
Ion Ratio		Lower	Upper
43	100		
58	29.9	23.8	35.8





#17

Carbon Disulfide

Concen: 52.242 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 76 Resp: 283849

Ion Ratio Lower Upper

76 100

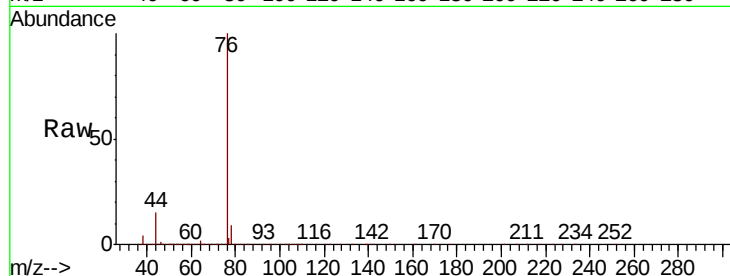
78 9.2 7.7 11.5

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

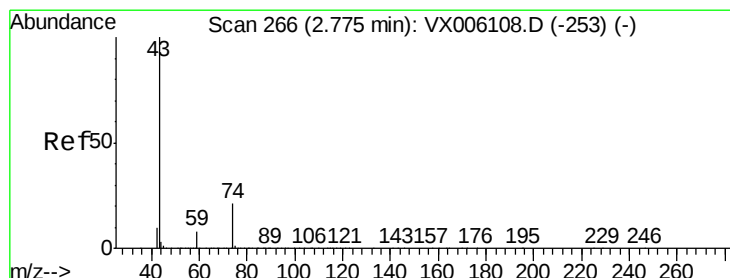
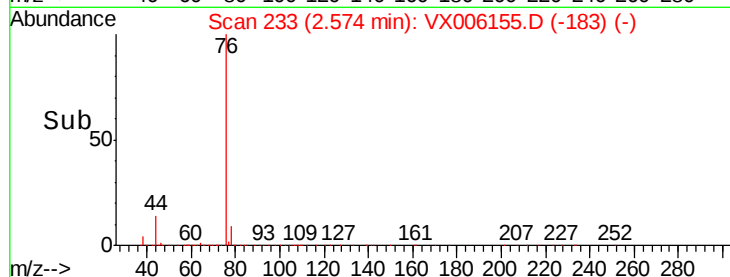
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.516 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006155.D

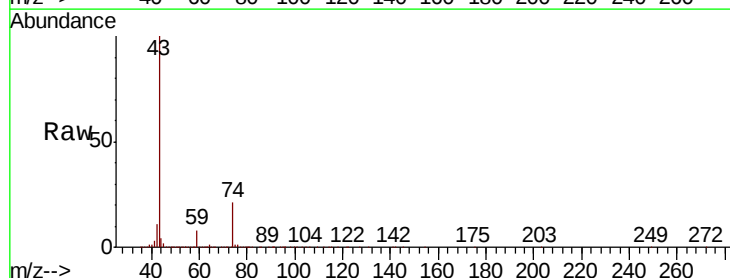
Acq: 22 Nov 2018 06:16

Tgt Ion: 43 Resp: 159901

Ion Ratio Lower Upper

43 100

74 21.6 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

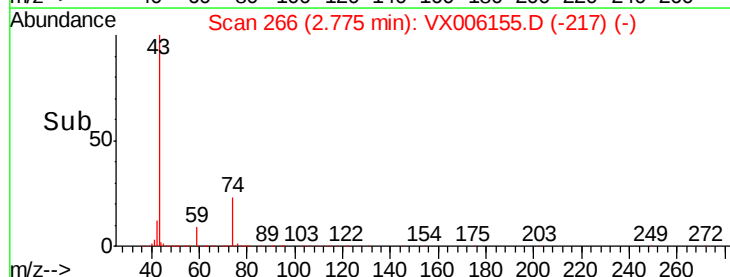
60000

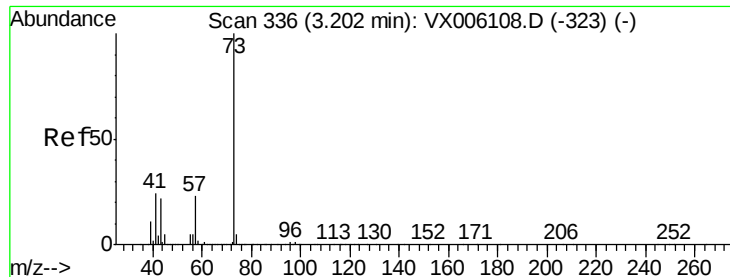
40000

20000

0

Time-->





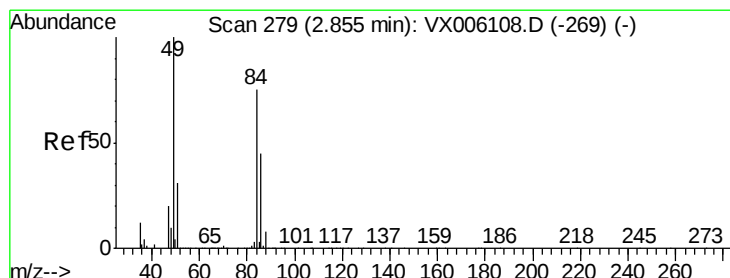
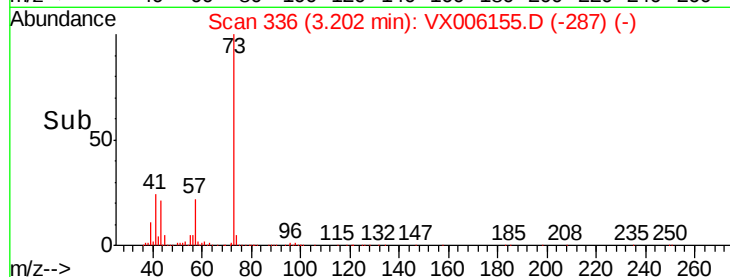
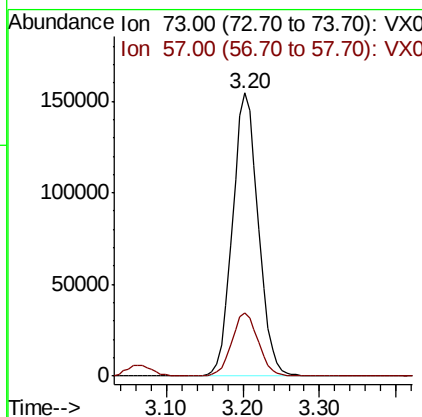
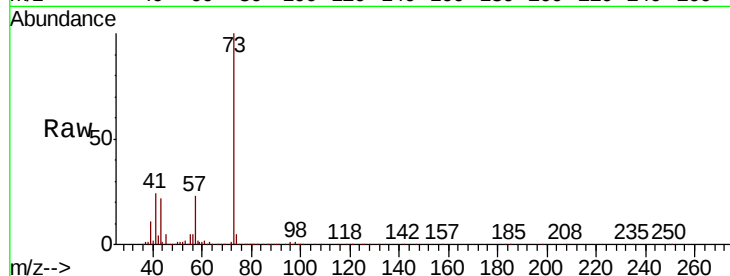
#19
Methvl tert-butvl Ether
Concen: 51.815 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.4

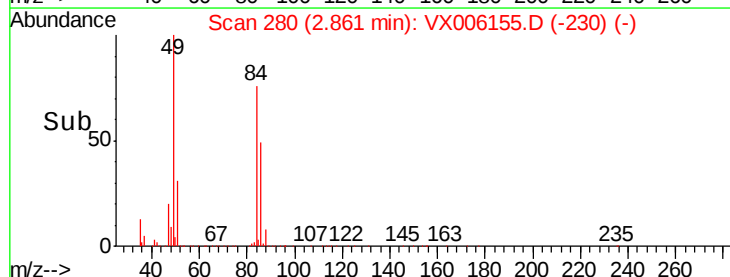
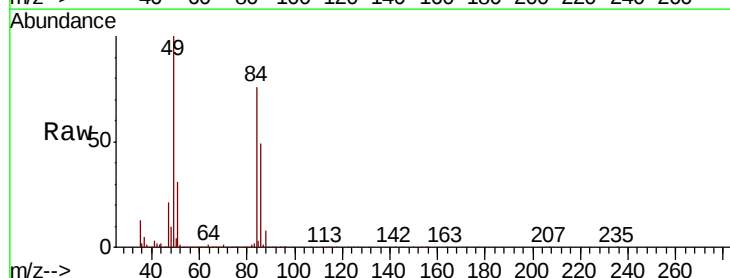
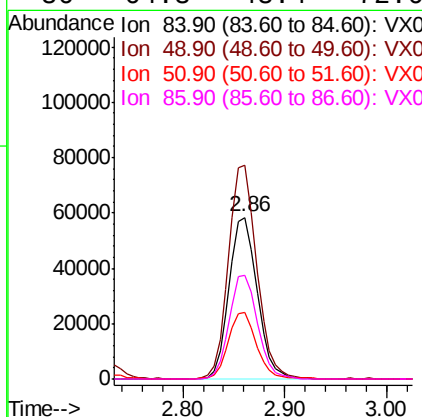
Manual Integrations
APPROVED

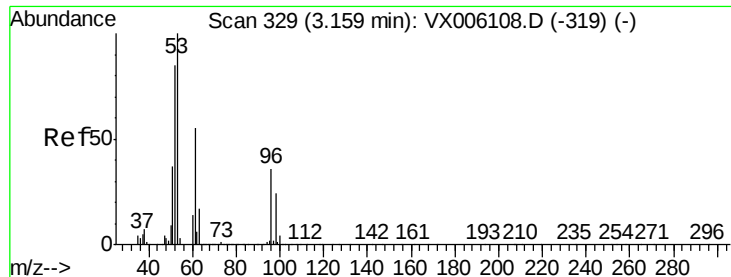
MMDadoda
11/26/2018 9:48:58 AM



#20
Methylene Chloride
Concen: 51.290 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.9	106.6	159.8
51	41.3	32.6	49.0
86	64.3	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 51.277 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

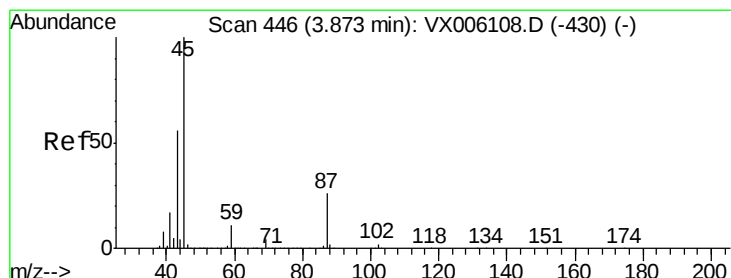
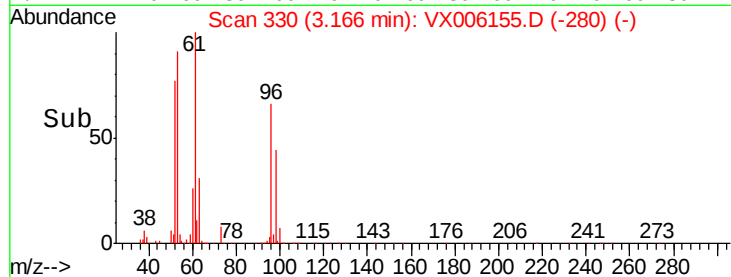
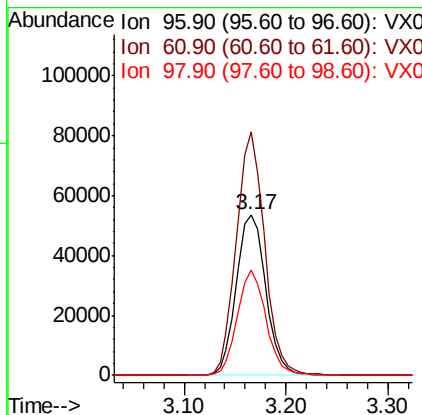
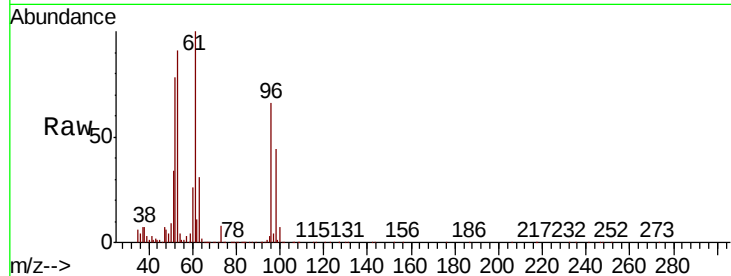
ClientSampleId :

EP2-MW-101MS

Tot Ion:	96	Resp:	107956
Ion	Ratio	Lower	Upper
96	100		
61	151.1	122.0	183.0
98	65.7	52.7	79.1

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



#22

Diisopropyl ether

Concen: 52.451 ug/l

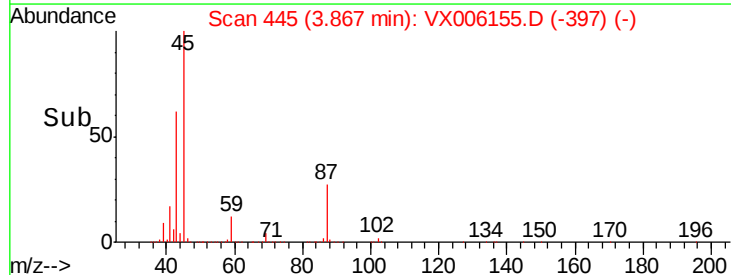
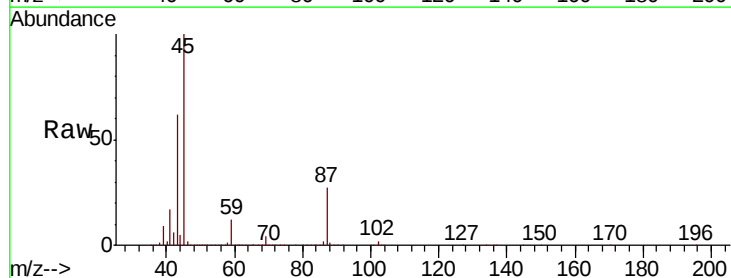
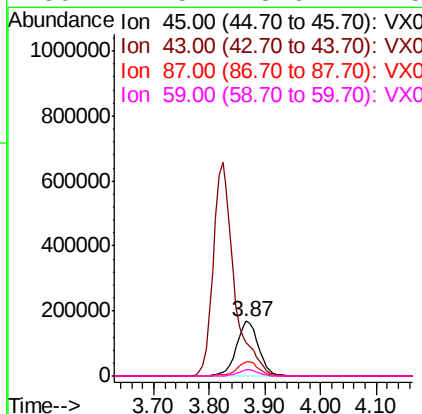
RT: 3.87 min Scan# 445

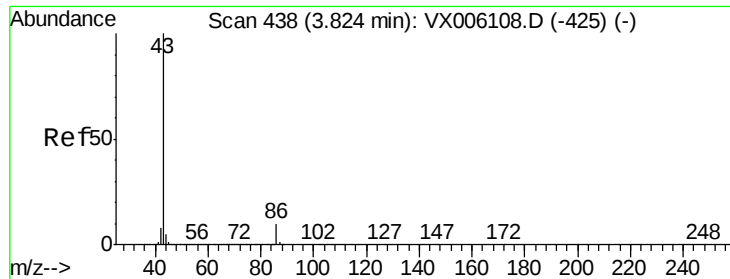
Delta R.T. -0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Tgt Ion:	45	Resp:	462247
Ion	Ratio	Lower	Upper
45	100		
43	62.2	45.8	68.8
87	26.5	21.0	31.4
59	11.5	8.6	12.8





#23

Vinyl Acetate

Concen: 234.273 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 43 Resp: 1712872

Ion Ratio Lower Upper

43 100

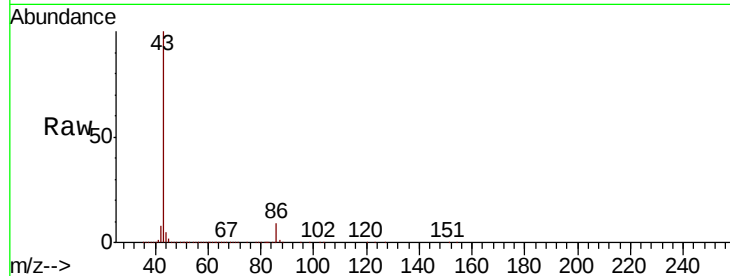
86 9.3 7.6 11.4

Manual Integrations

APPROVED

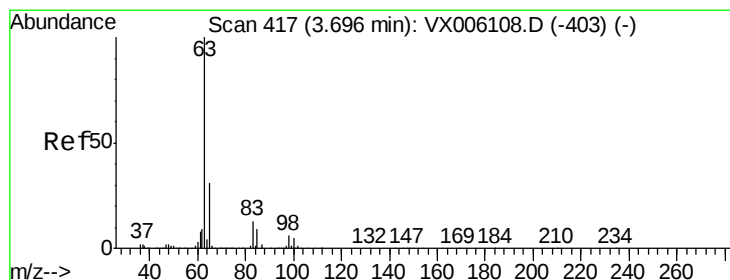
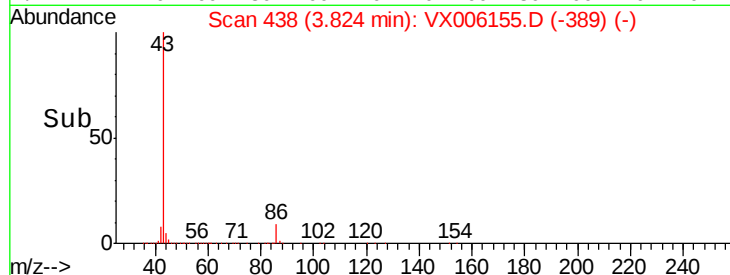
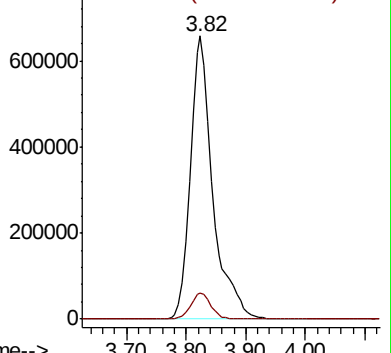
MMDadoda

11/26/2018 9:48:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.785 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

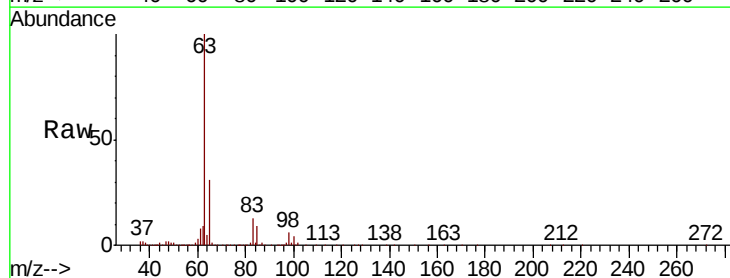
Tgt Ion: 63 Resp: 215004

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

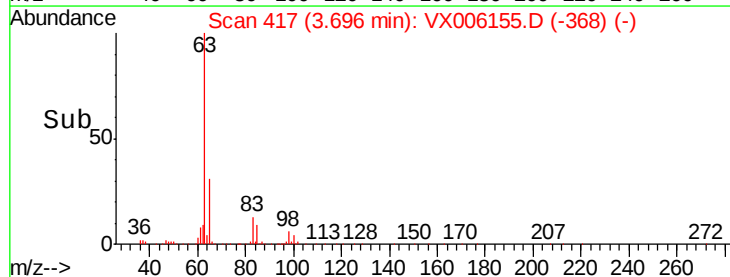
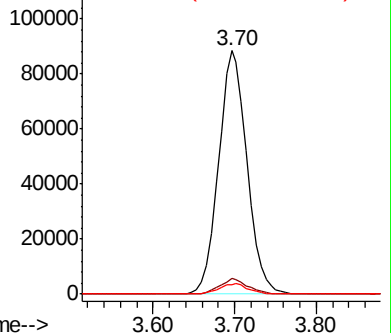
100 4.0 2.4 7.1

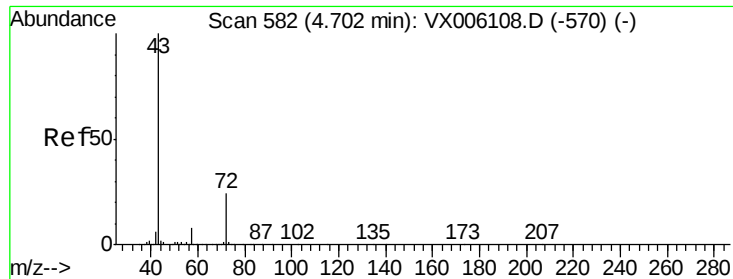


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.522 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 43 Resp: 605133

Ion Ratio Lower Upper

43 100

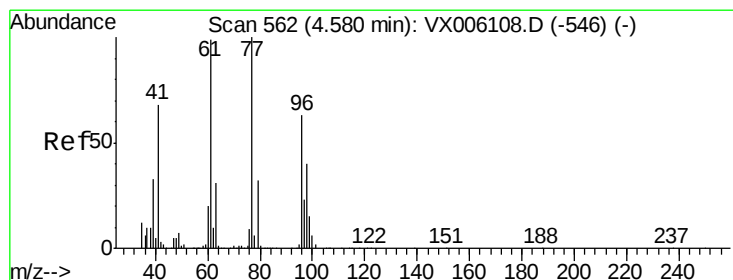
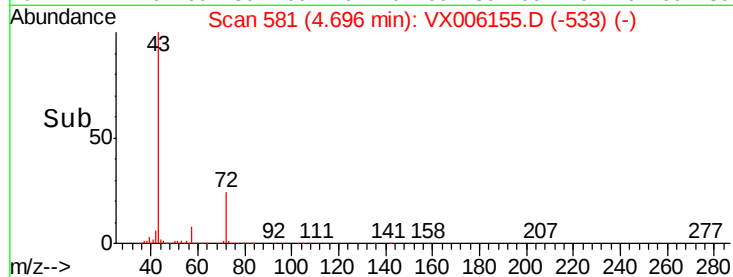
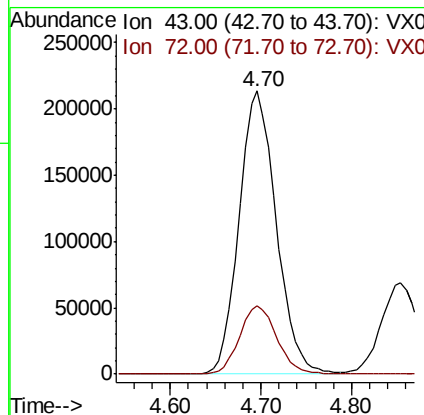
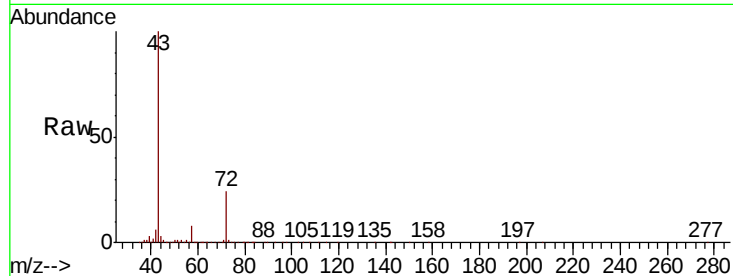
72 24.2 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#26

2,2-Dichloropropane

Concen: 38.266 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006155.D

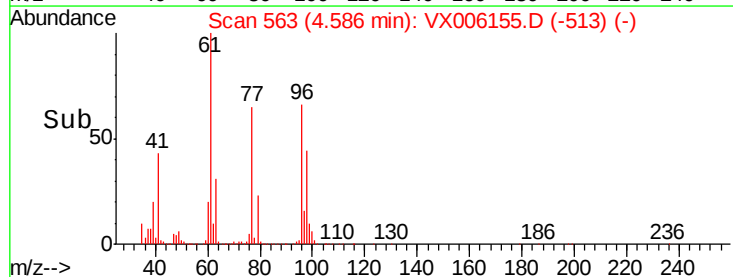
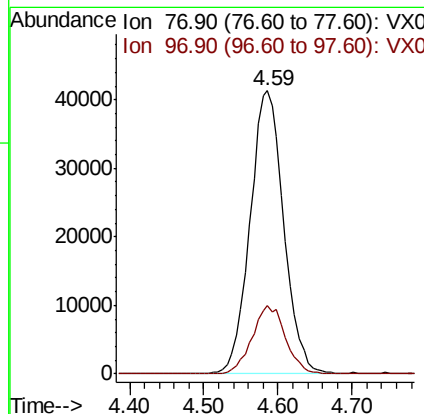
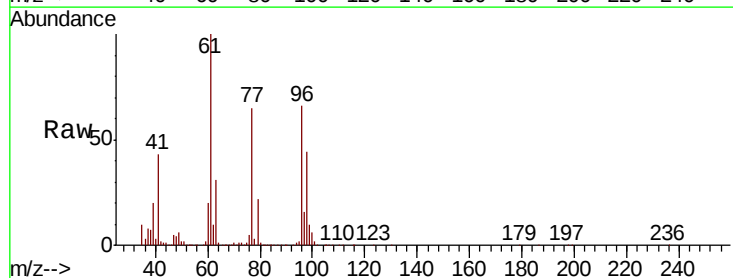
Acq: 22 Nov 2018 06:16

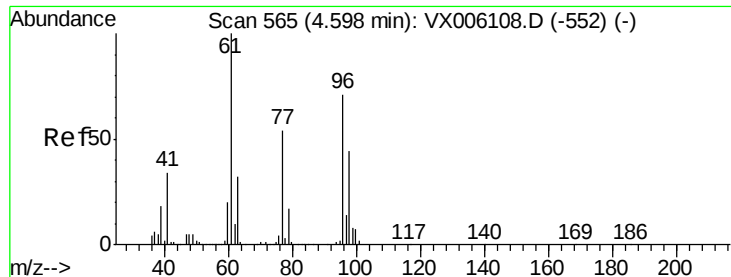
Tgt Ion: 77 Resp: 130944

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.5





#27

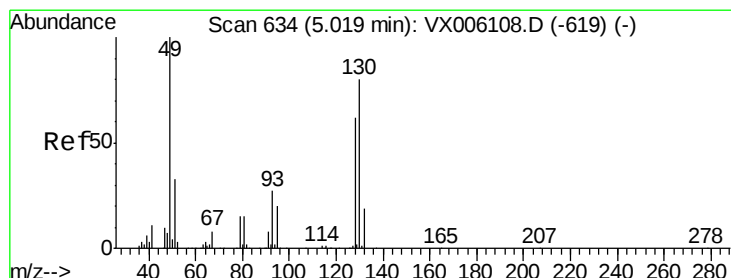
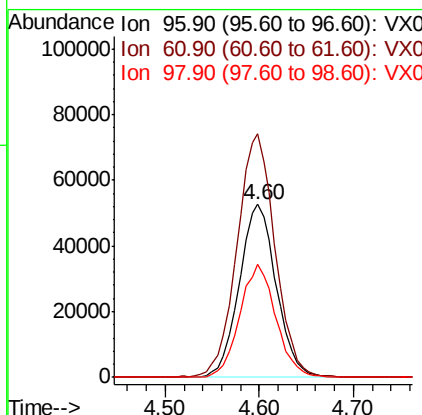
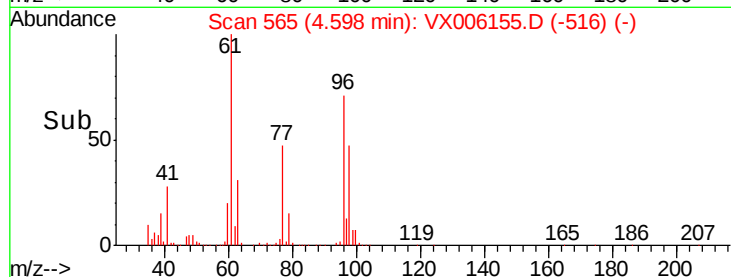
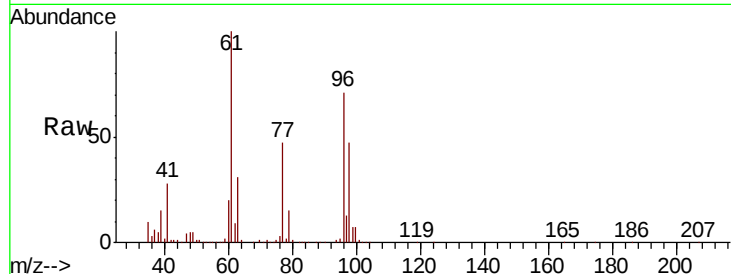
cis-1,2-Dichloroethene
Concen: 49.282 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.2	0.0	291.6	
98	63.8	0.0	128.2	

Manual Integrations
APPROVED

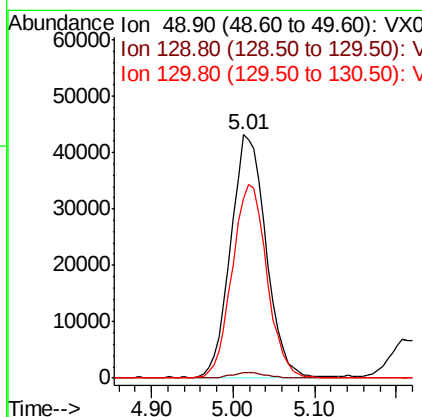
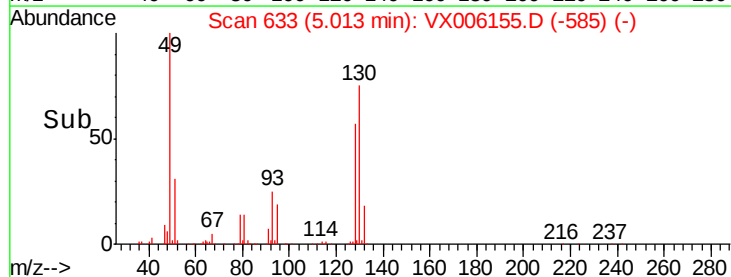
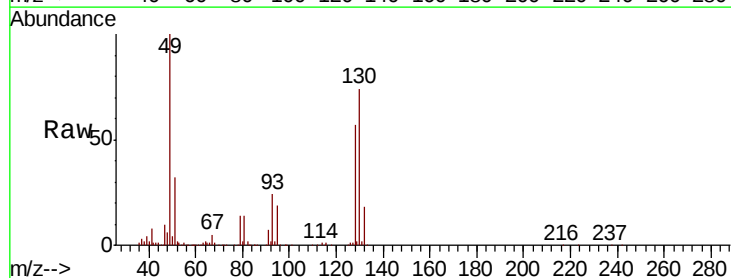
MMDadoda
11/26/2018 9:48:58 AM

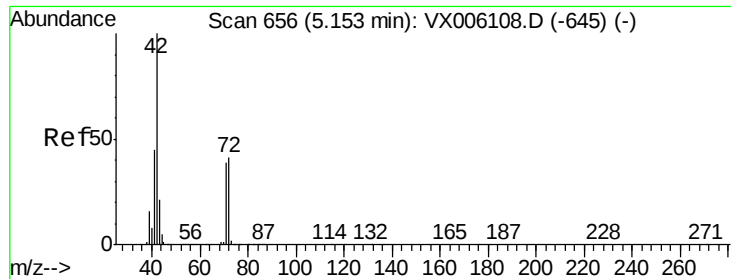


#28

Bromochloromethane
Concen: 53.338 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	78.5	61.6	92.4	





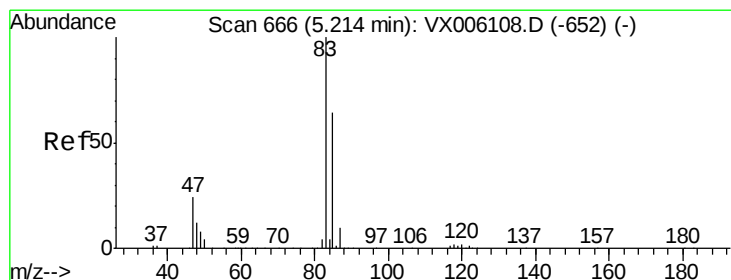
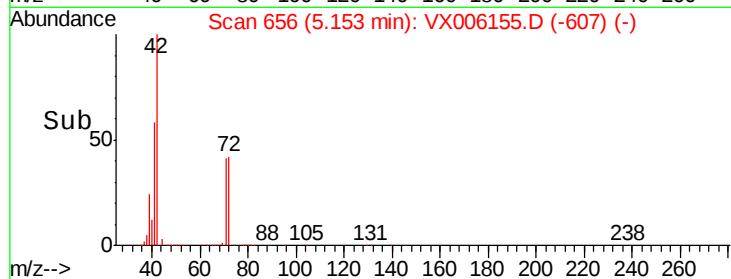
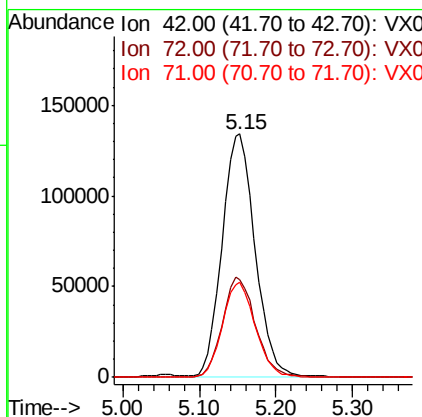
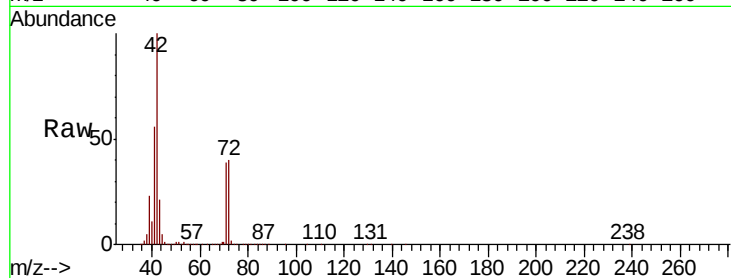
#29
Tetrahydrofuran
Concen: 240.498 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.0	49.6
71	39.2	31.0	46.4

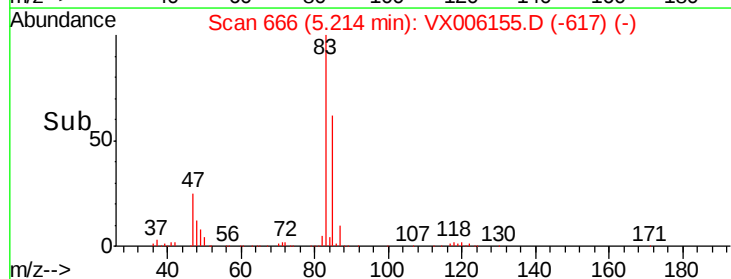
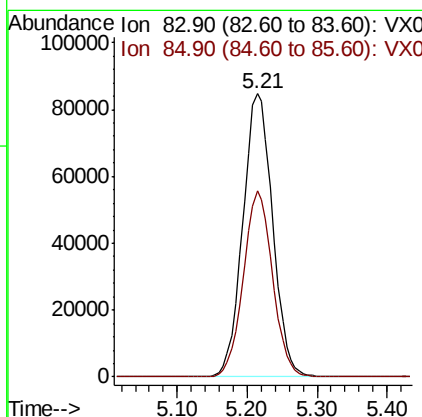
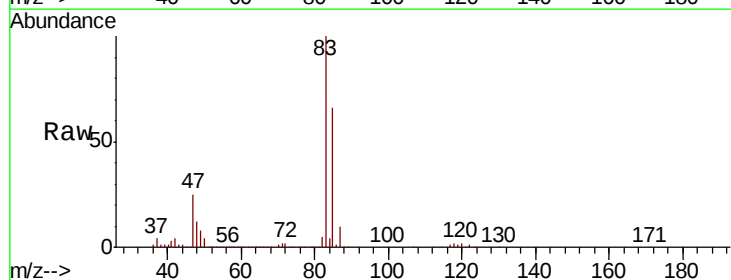
Manual Integrations
APPROVED

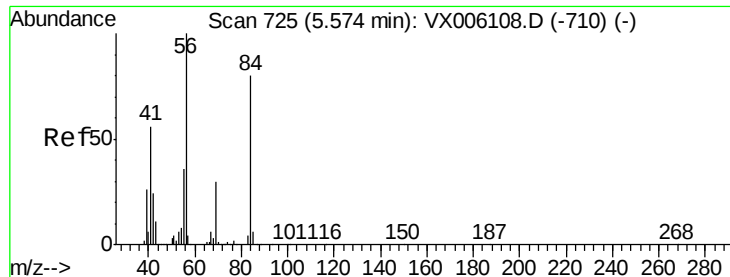
MMDadoda
11/26/2018 9:48:58 AM



#30
Chloroform
Concen: 49.760 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.4





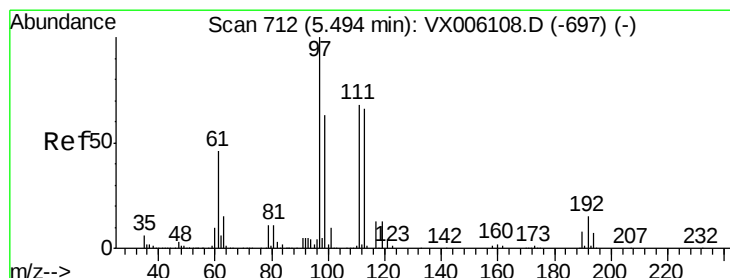
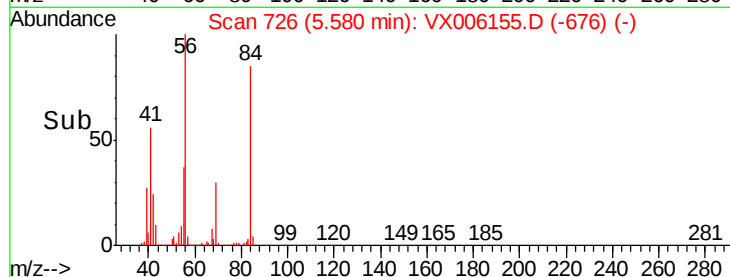
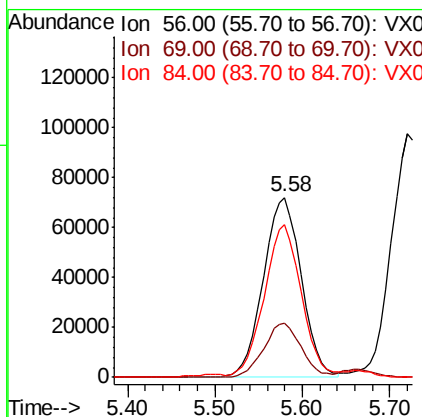
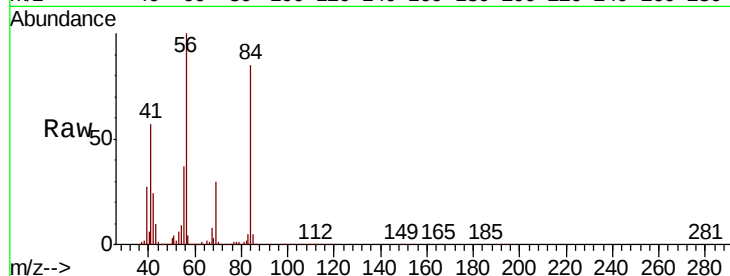
#31
Cyclohexane
Concen: 50.324 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.9	35.9
84	83.9	63.6	95.4

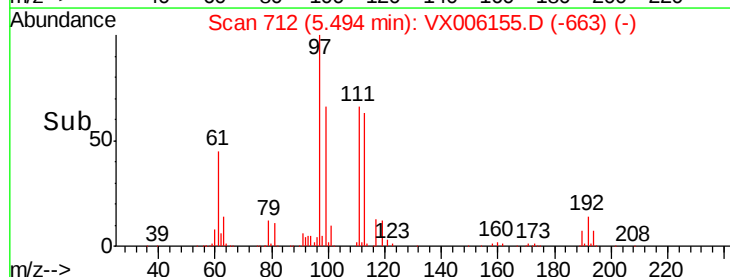
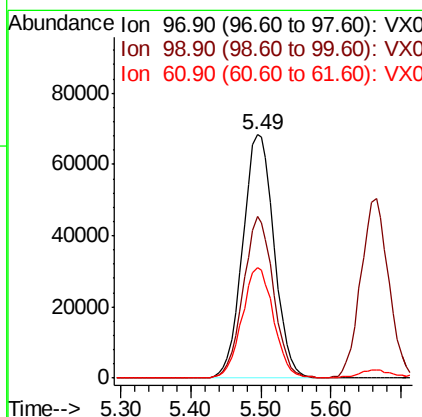
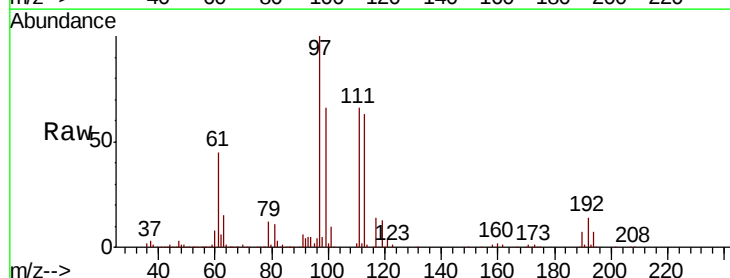
Manual Integrations
APPROVED

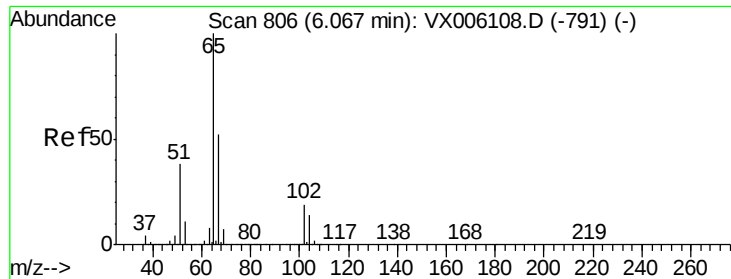
MMDadoda
11/26/2018 9:48:58 AM



#32
1,1,1-Trichloroethane
Concen: 52.258 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	45.4	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 51.562 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 65 Resp: 166498

Ion Ratio Lower Upper

65 100

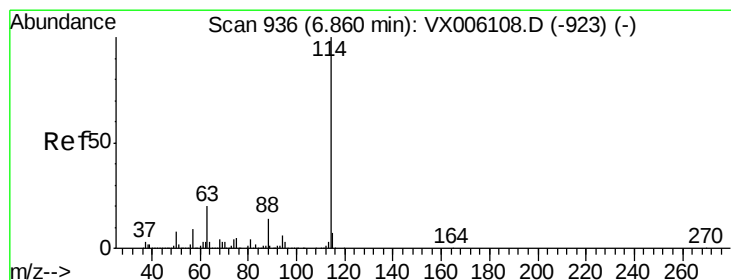
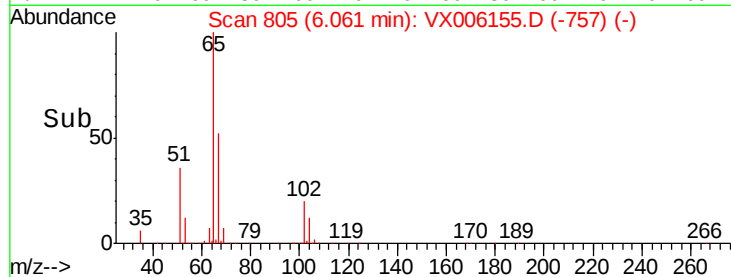
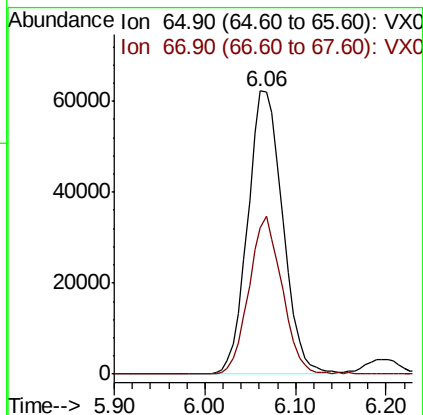
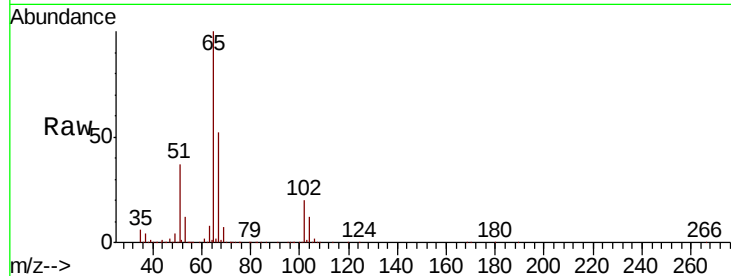
67 52.6 0.0 105.8

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

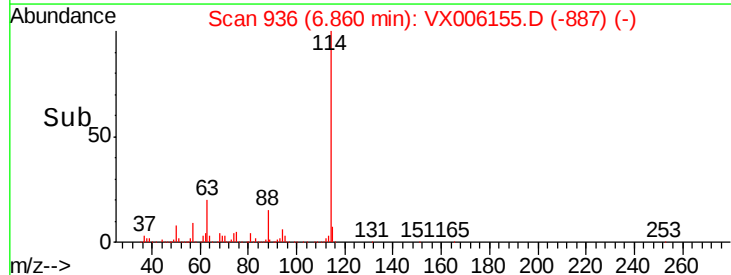
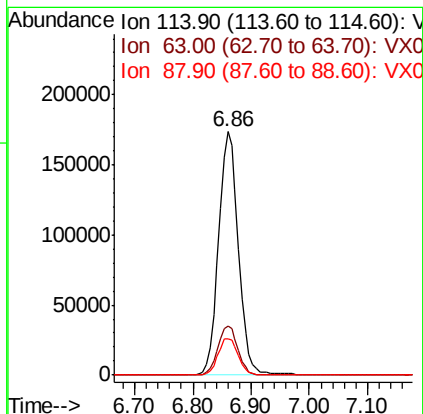
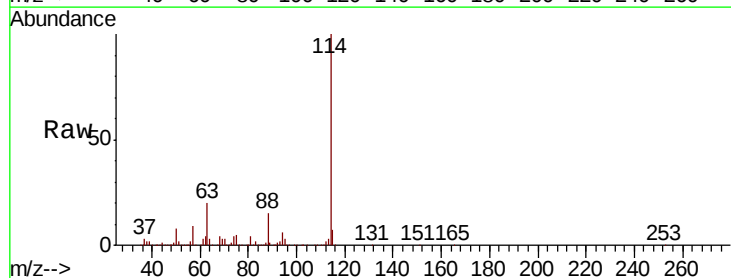
Tgt Ion: 114 Resp: 408727

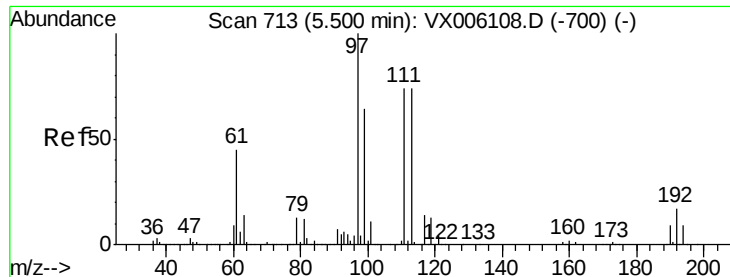
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 51.854 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

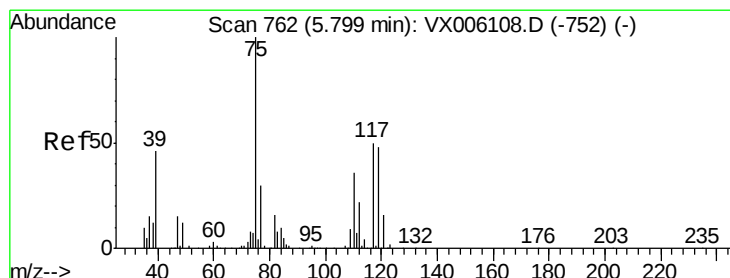
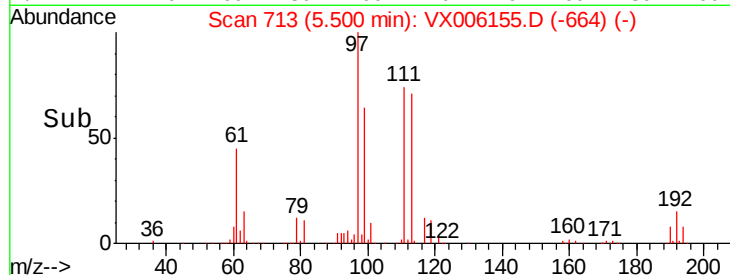
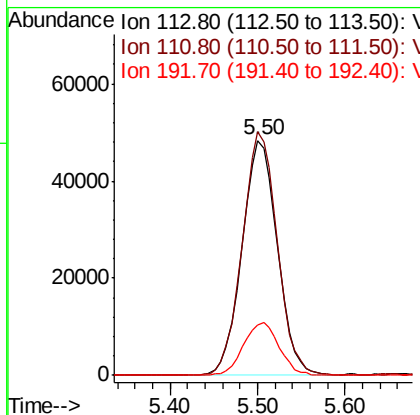
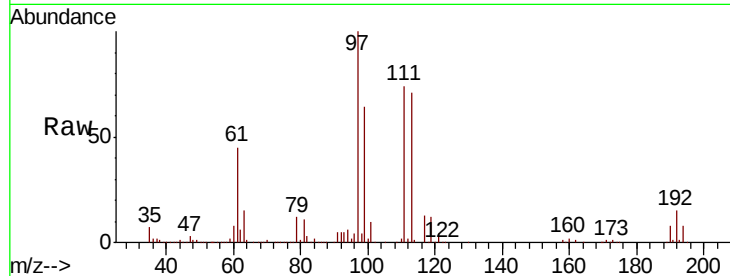
ClientSampleId :

EP2-MW-101MS

Tot Ion:	113	Resp:	136049
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.5	122.3
192	22.9	18.6	28.0

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



#36

1,1-Dichloropropene

Concen: 49.334 ug/l

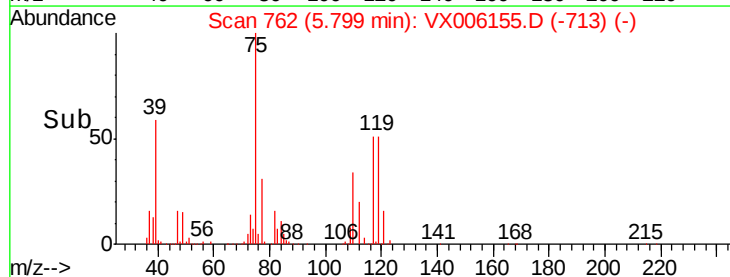
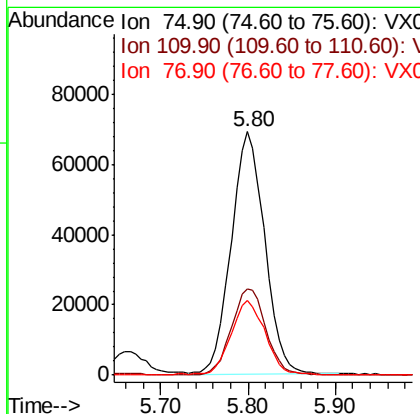
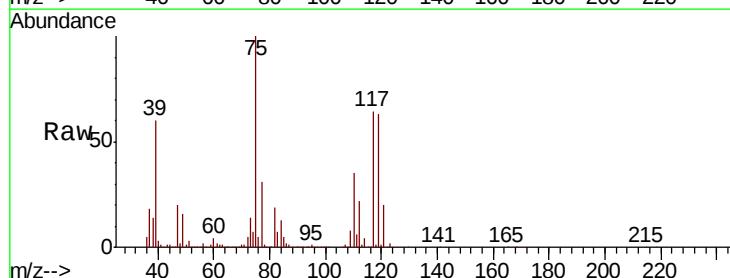
RT: 5.80 min Scan# 762

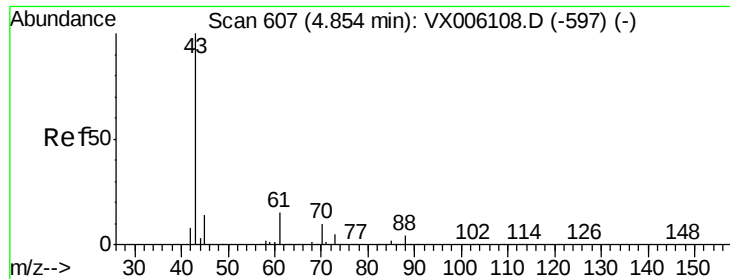
Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Tgt Ion:	75	Resp:	183444
Ion Ratio	Lower	Upper	
75	100		
110	36.8	17.8	53.3
77	31.4	24.5	36.7





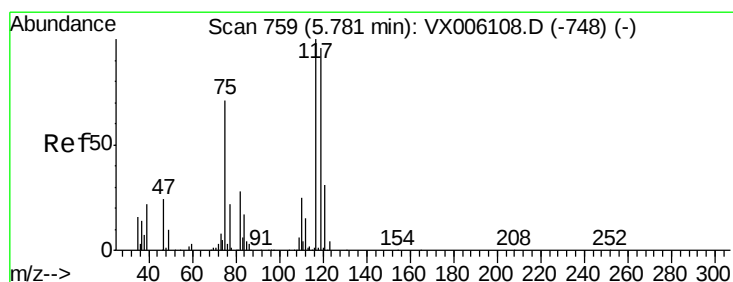
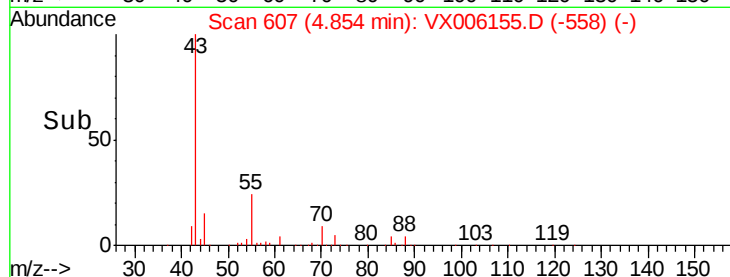
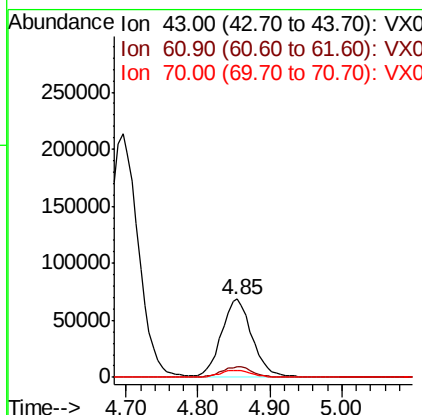
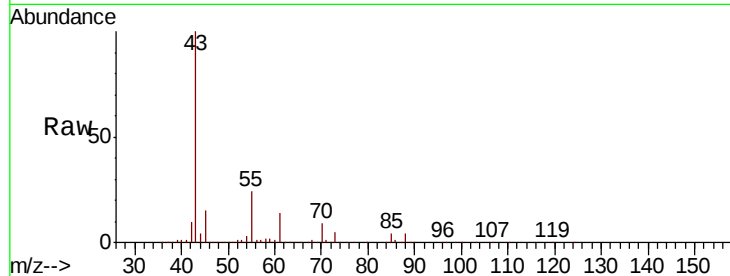
#37
Ethyl Acetate
Concen: 42.197 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	9.9	7.9	11.9

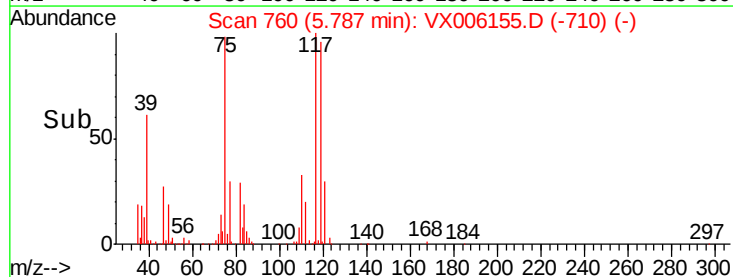
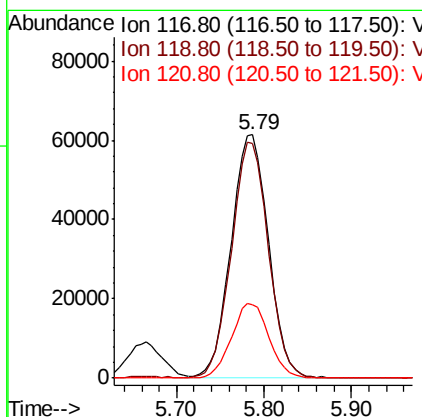
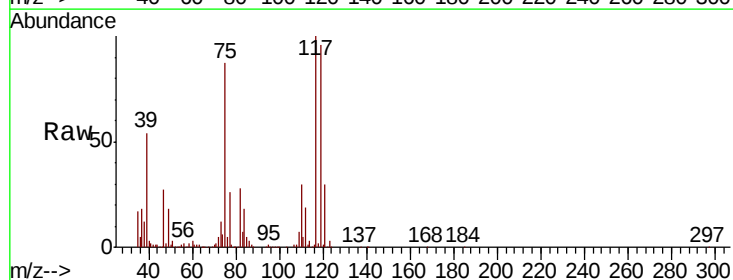
Manual Integrations
APPROVED

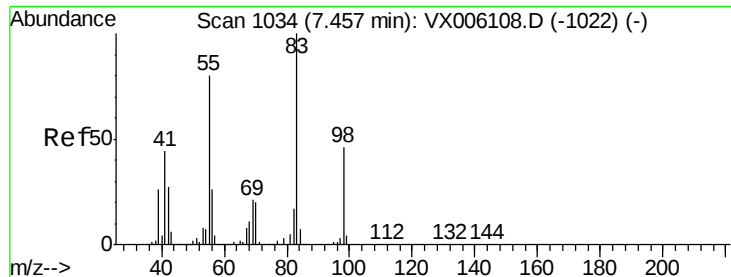
MMDadoda
11/26/2018 9:48:58 AM



#38
Carbon Tetrachloride
Concen: 52.062 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
121	30.3	24.7	37.1





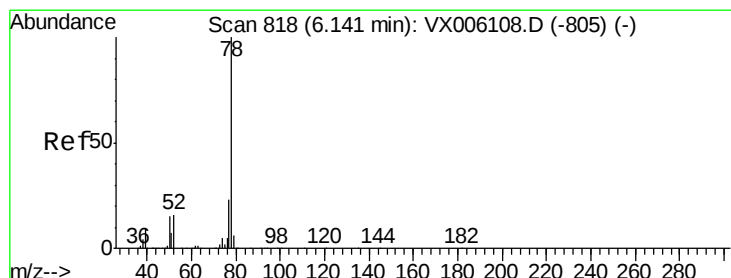
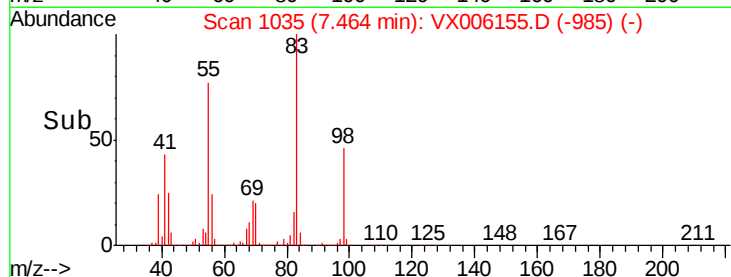
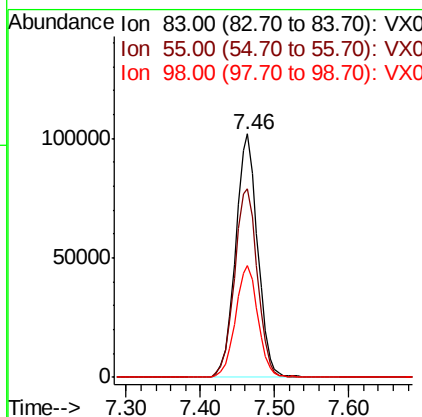
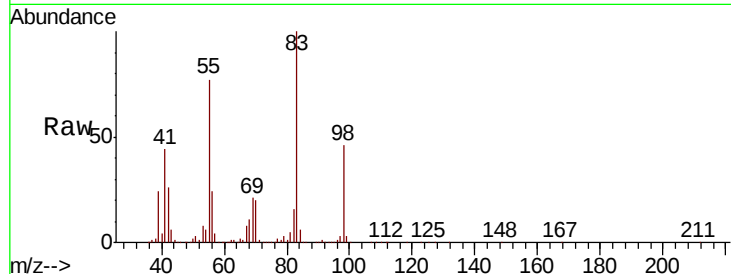
#39
Methvlcvclohexane
Concen: 50.185 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	212592		
55	77.2	63.9	95.9	
98	46.1	36.8	55.2	

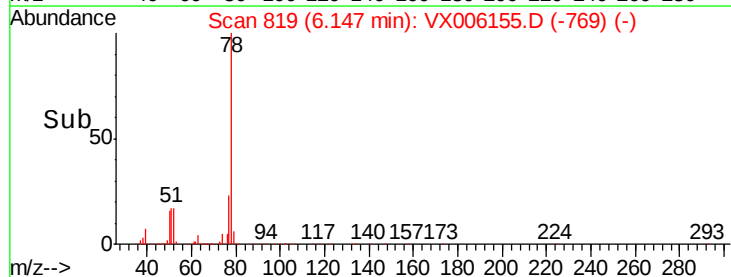
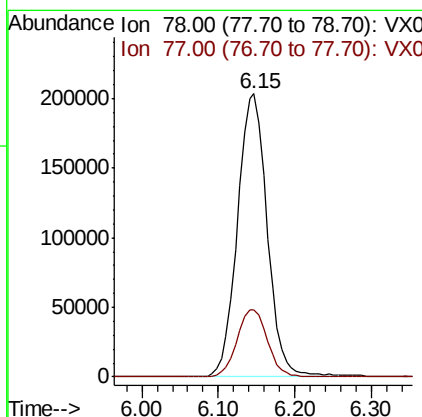
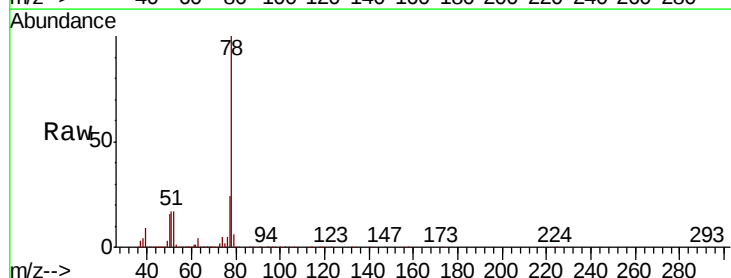
Manual Integrations
APPROVED

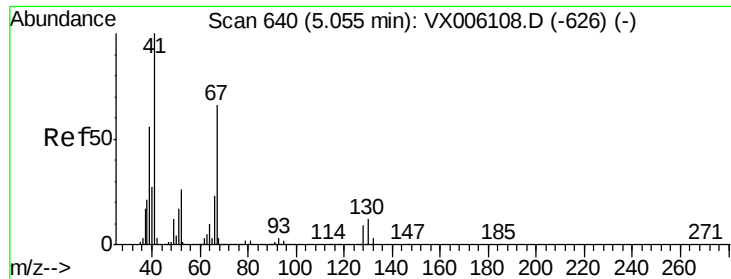
MMDadoda
11/26/2018 9:48:58 AM



#40
Benzene
Concen: 50.136 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	549249		
77	23.9	18.8	28.2	





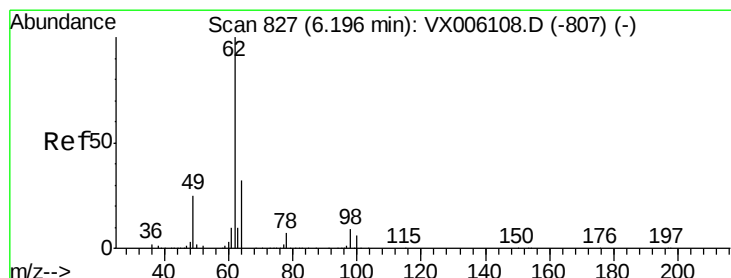
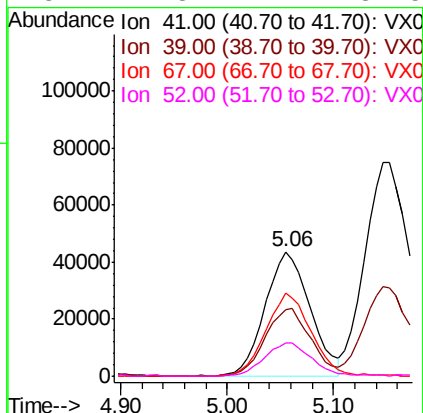
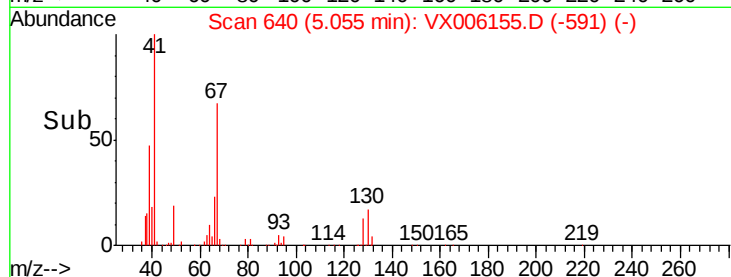
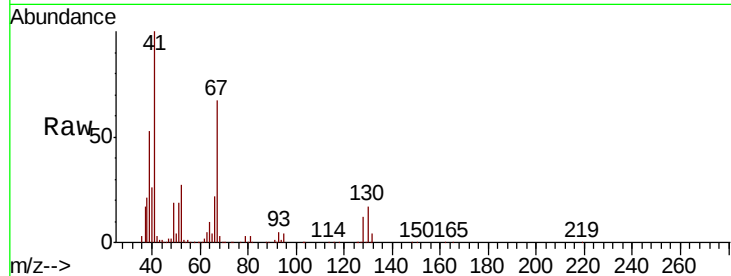
#41
Methacrylonitrile
Concen: 48.795 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	44.1	66.1	
67	66.9	54.1	81.1	
52	27.8	21.7	32.5	

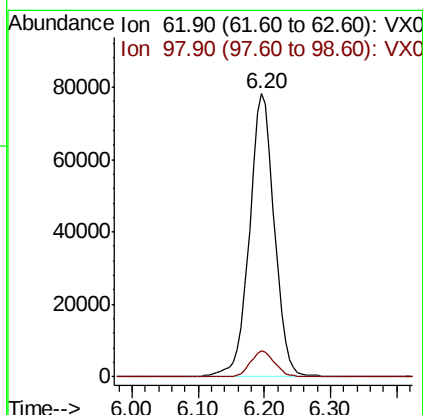
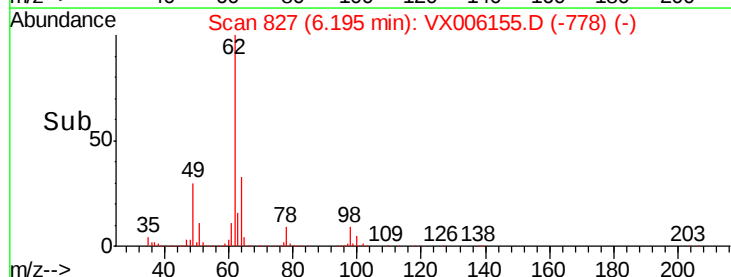
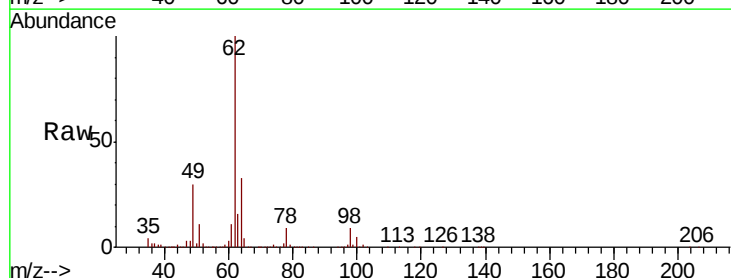
Manual Integrations
APPROVED

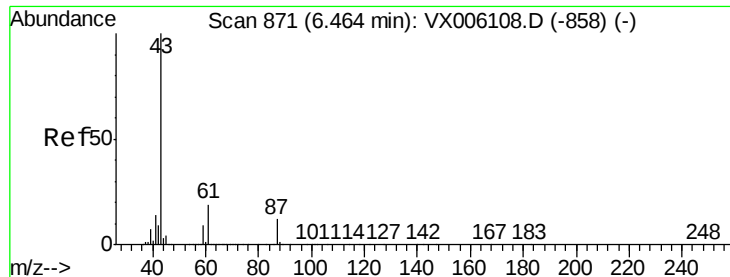
MMDadoda
11/26/2018 9:48:58 AM



#42
1,2-Dichloroethane
Concen: 50.254 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.8	





#43

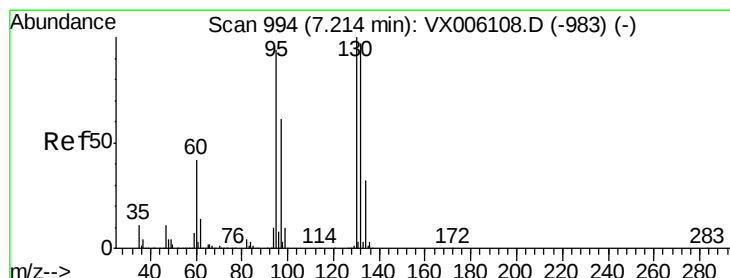
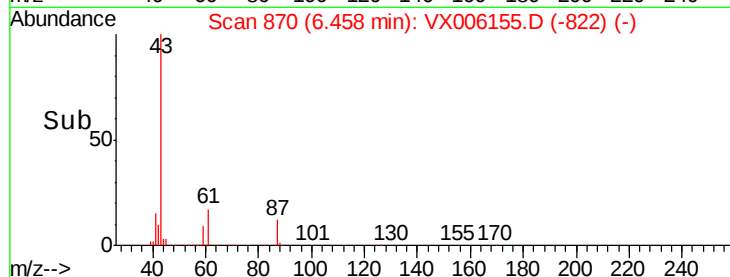
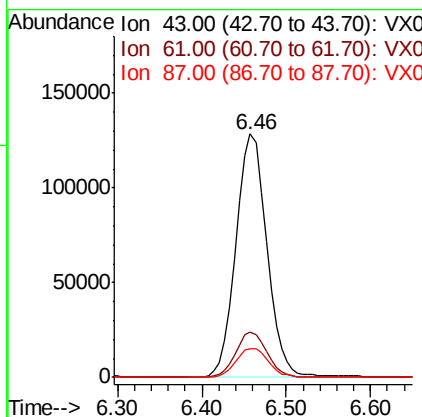
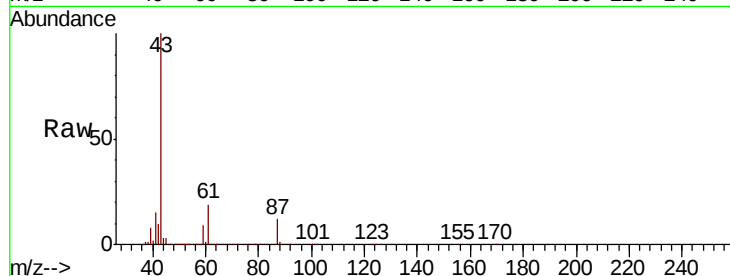
Isopropyl Acetate
 Concen: 46.028 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.5	9.6	14.4

Manual Integrations
 APPROVED

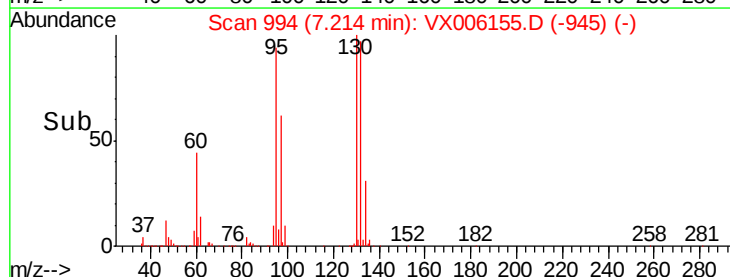
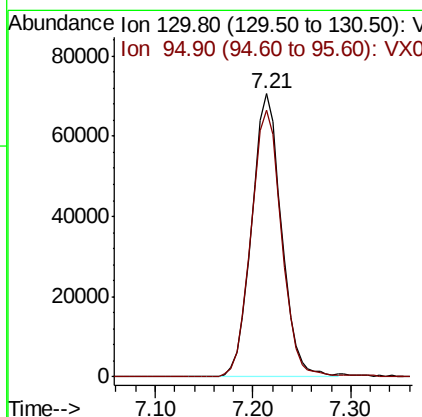
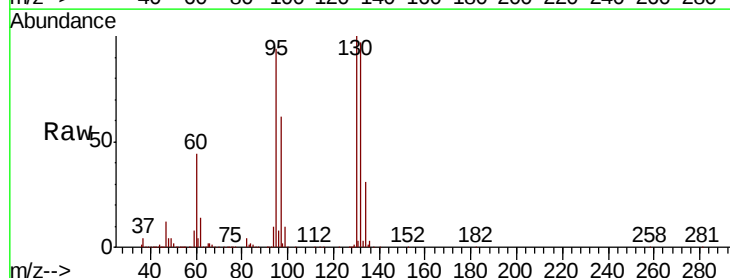
MMDadoda
 11/26/2018 9:48:58 AM

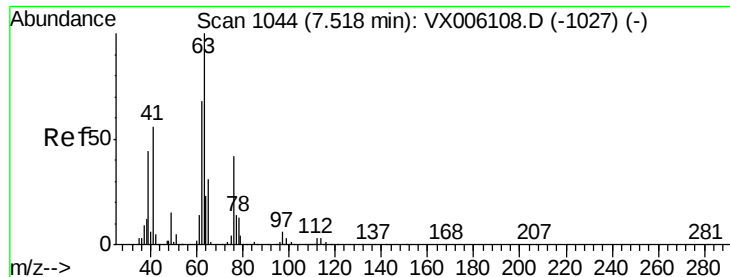


#44

Trichloroethene
 Concen: 48.986 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	188.8





#45

1,2-Dichloropropane

Concen: 51.271 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 63 Resp: 148648

Ion Ratio Lower Upper

63 100

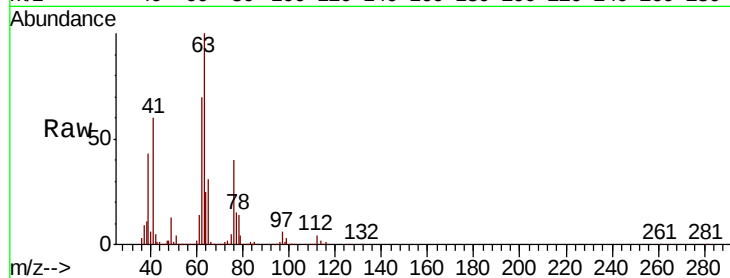
65 31.1 24.8 37.2

Manual Integrations

APPROVED

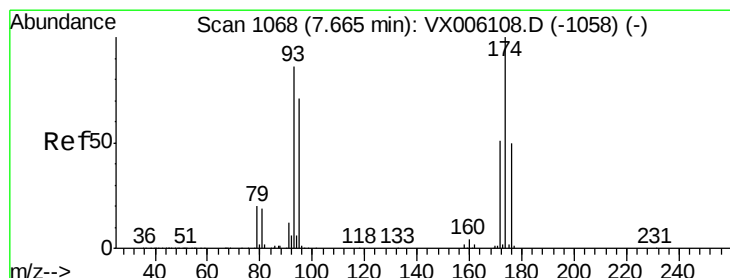
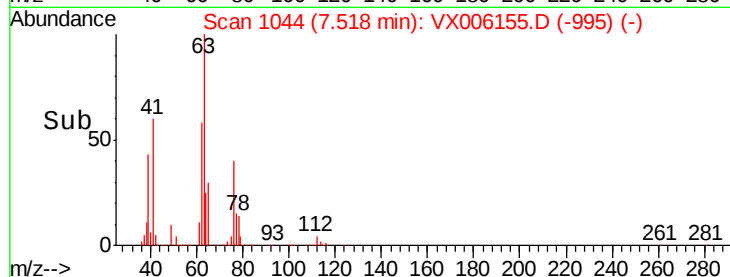
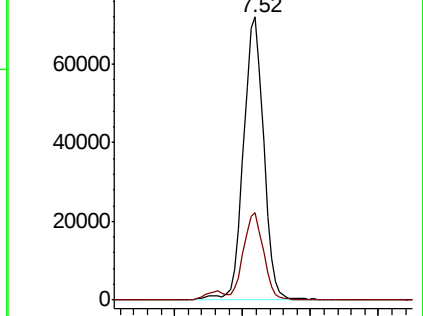
MMDadoda

11/26/2018 9:48:58 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.760 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

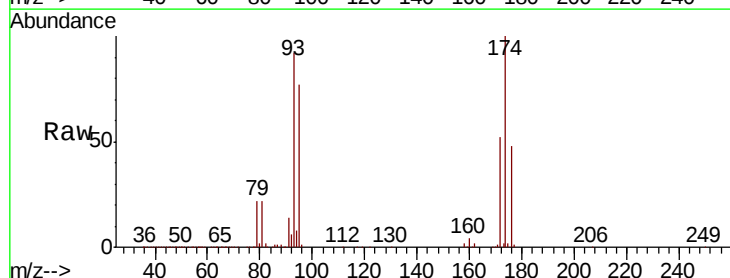
Tgt Ion: 93 Resp: 98798

Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

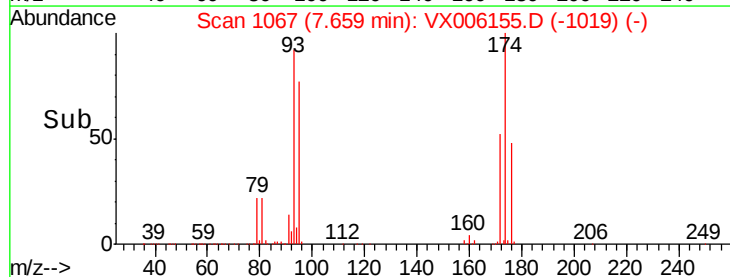
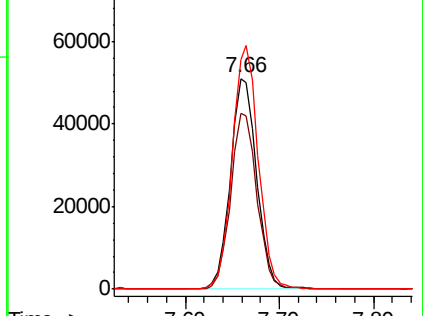
174 114.9 91.0 136.6

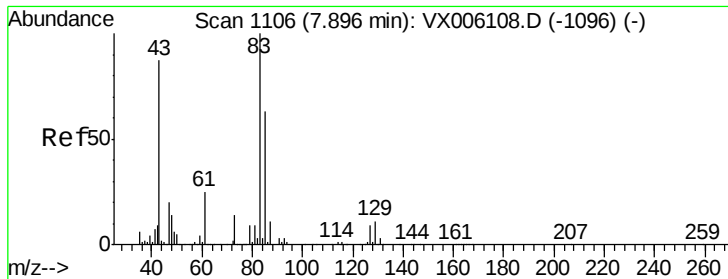


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





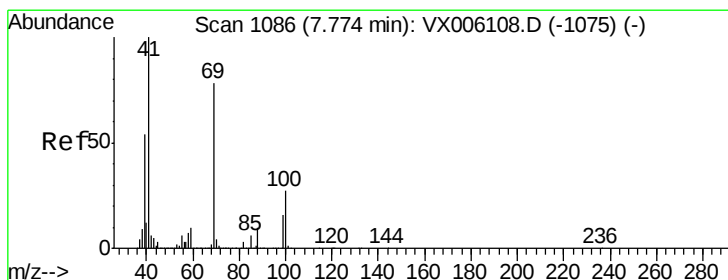
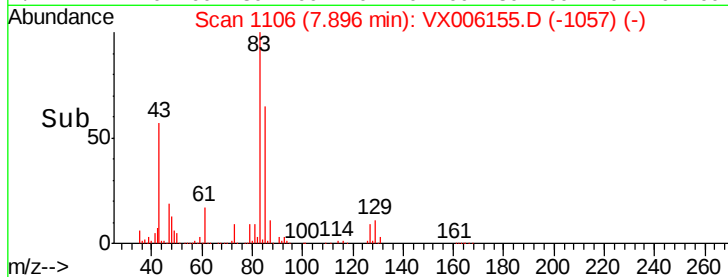
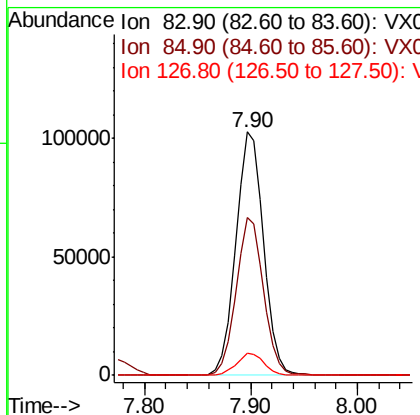
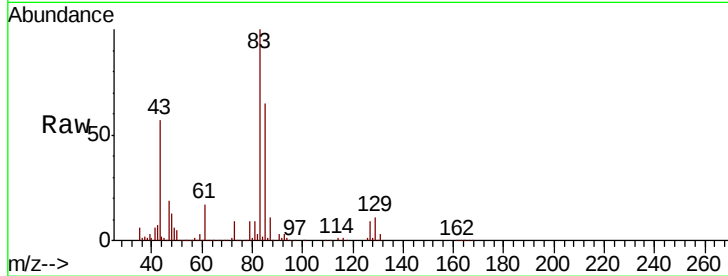
#47
 Bromodichloromethane
 Concen: 51.176 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	187929		
85	64.6		50.4	75.6
127	9.0		7.0	10.4

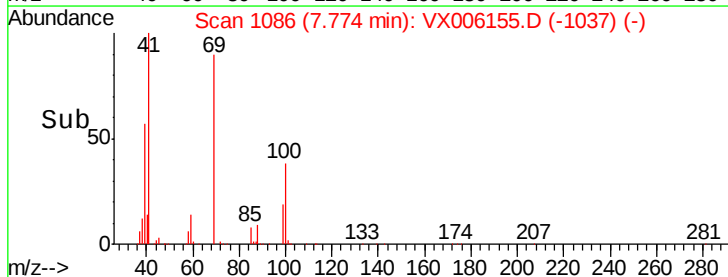
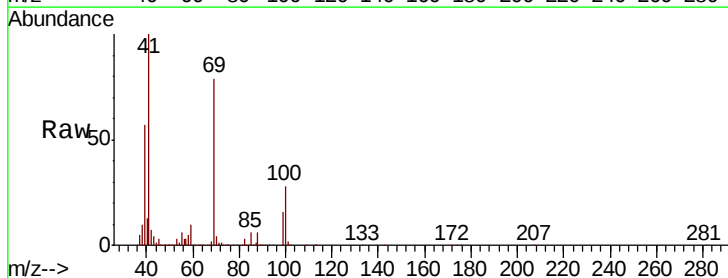
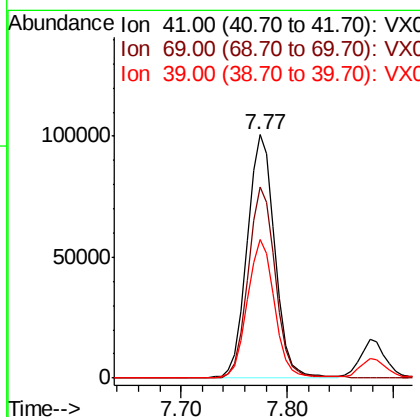
Manual Integrations
 APPROVED

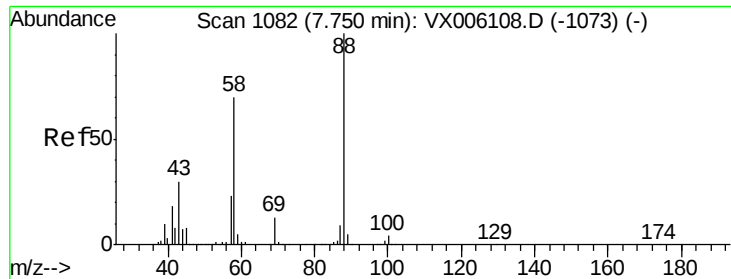
MMDadoda
 11/26/2018 9:48:58 AM



#48
 Methyl methacrylate
 Concen: 52.288 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	183211		
69	77.9		62.8	94.2
39	55.6		43.8	65.6





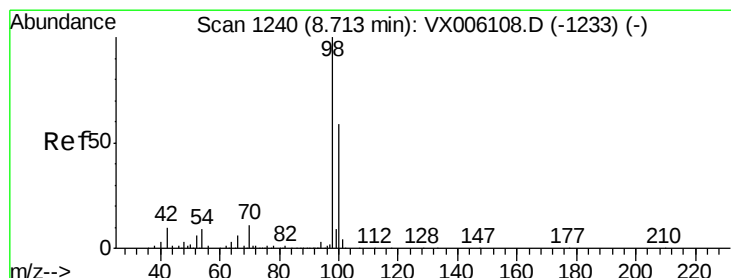
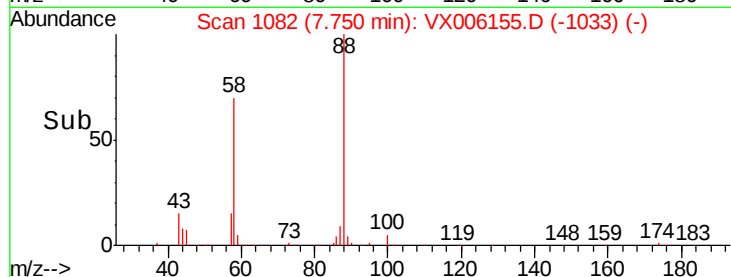
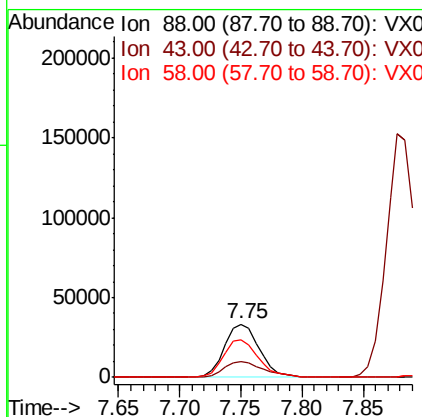
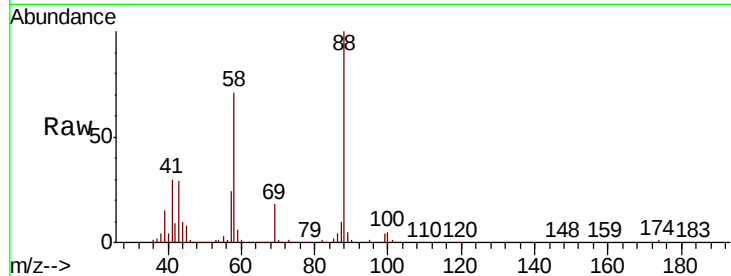
#49
1,4-Dioxane
Concen: 789.484 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	26.7	40.1
58	72.4	58.5	87.7

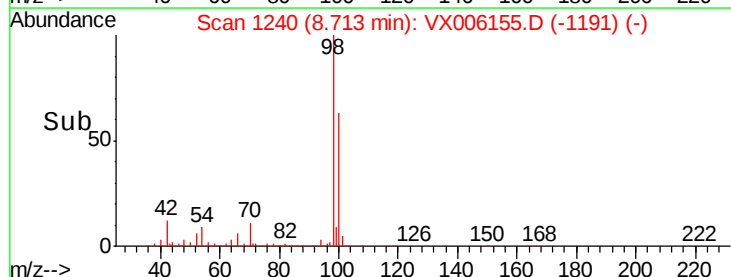
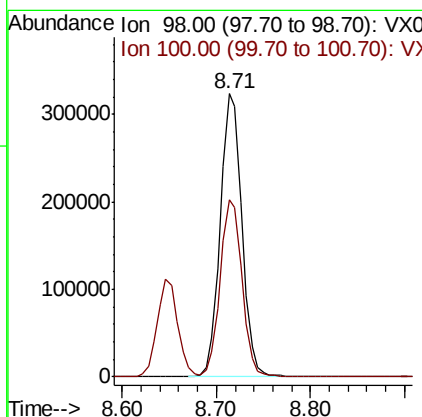
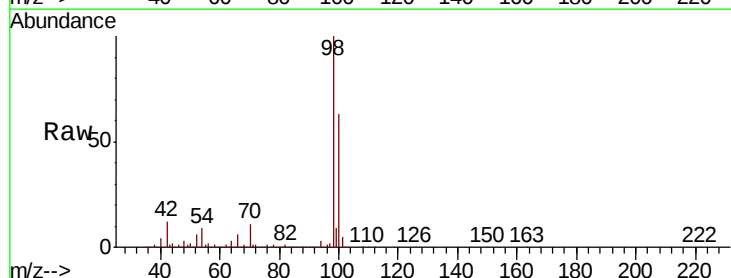
Manual Integrations
APPROVED

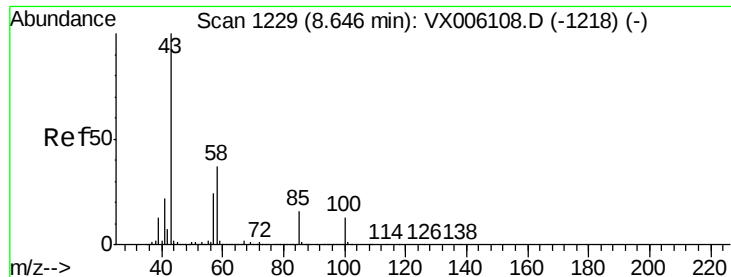
MMDadoda
11/26/2018 9:48:58 AM



#50
Toluene-d8
Concen: 51.404 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 248.849 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 43 Resp: 1232533

Ion Ratio Lower Upper

43 100

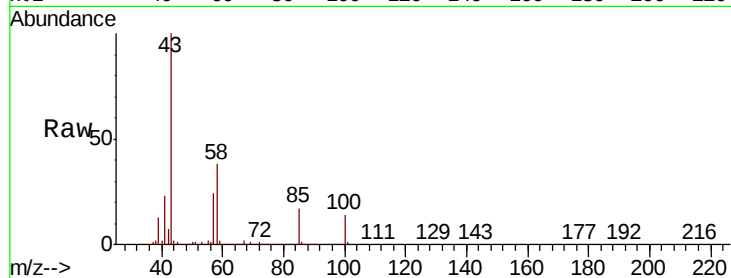
58 37.4 29.9 44.9

Manual Integrations

APPROVED

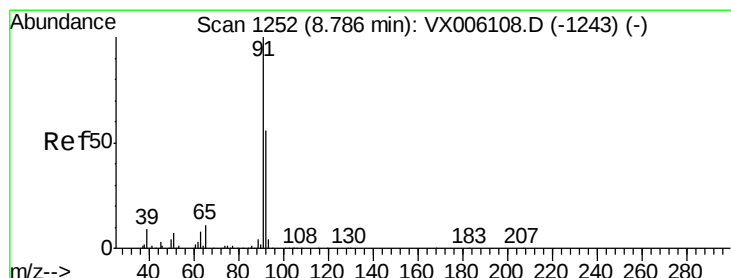
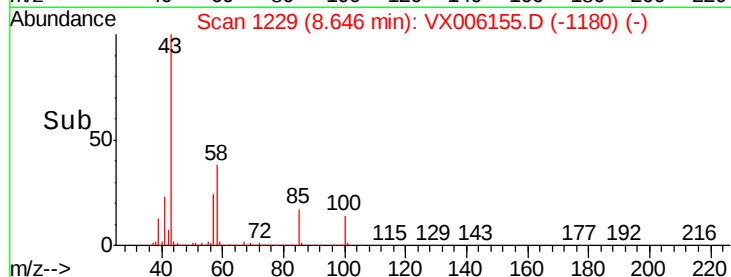
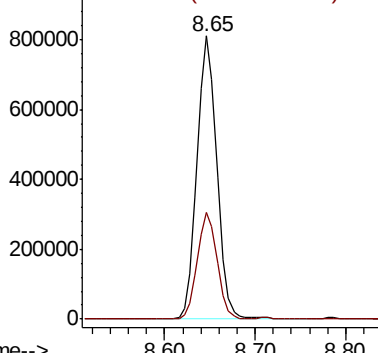
MMDadoda

11/26/2018 9:48:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.201 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006155.D

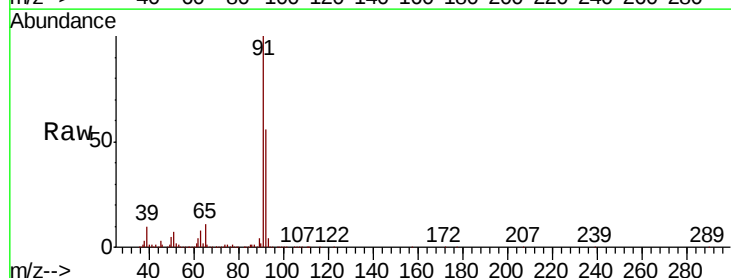
Acq: 22 Nov 2018 06:16

Tgt Ion: 92 Resp: 353715

Ion Ratio Lower Upper

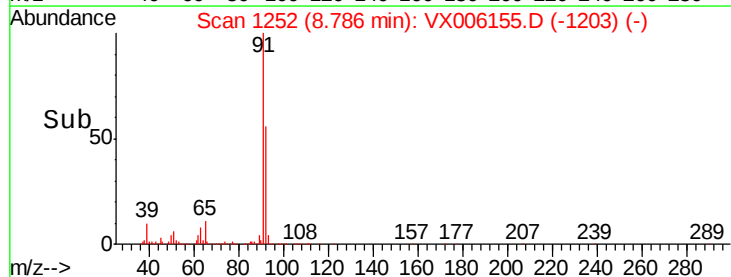
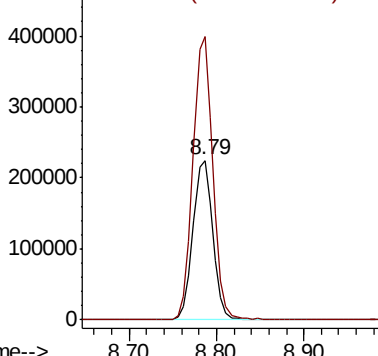
92 100

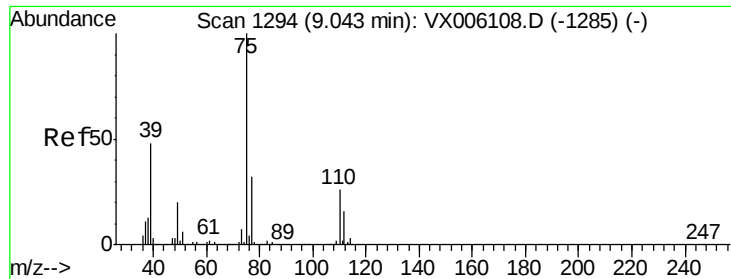
91 176.5 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





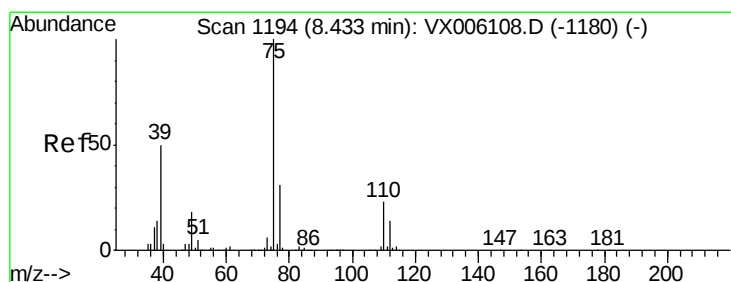
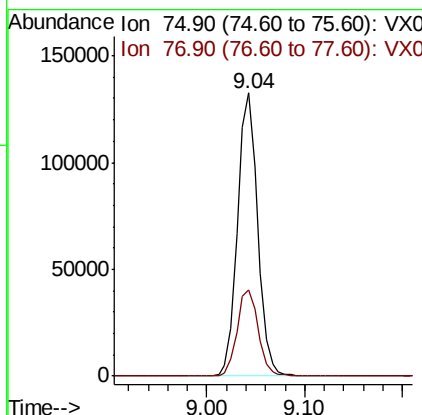
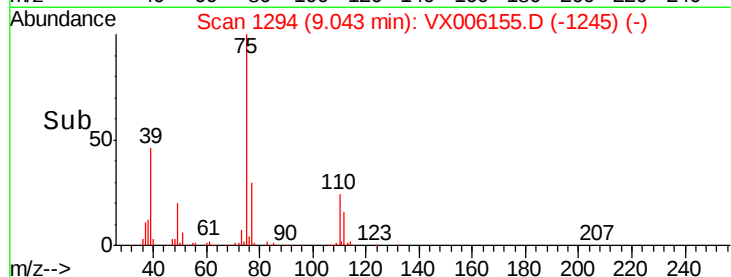
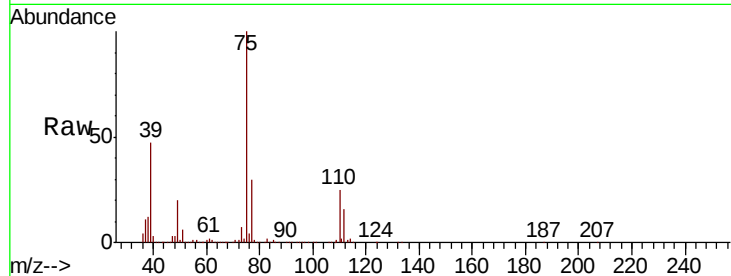
#53
t-1,3-Dichloropropene
Concen: 49.649 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.7	38.5

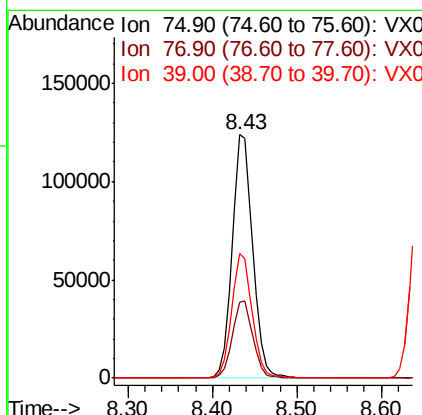
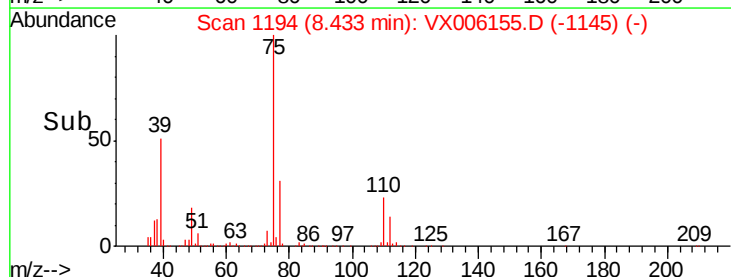
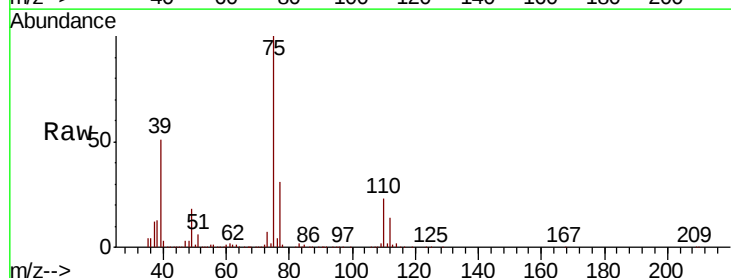
Manual Integrations
APPROVED

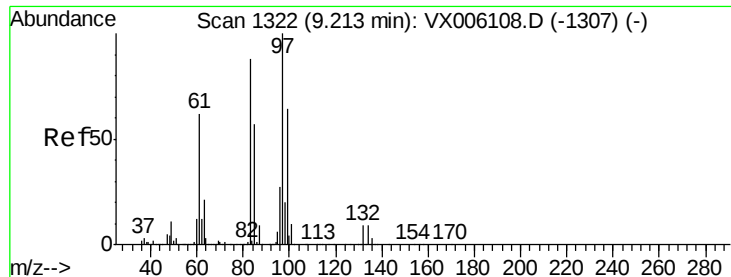
MMDadoda
11/26/2018 9:48:58 AM



#54
cis-1,3-Dichloropropene
Concen: 48.210 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.7	37.1
39	51.2	40.3	60.5





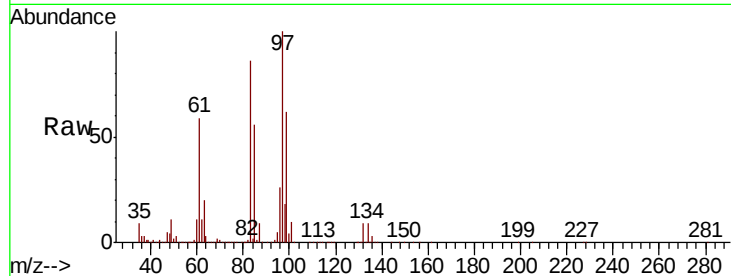
#55
1,1,2-Trichloroethane
Concen: 50.116 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.7	106.1
85	56.2	45.7	68.5
99	61.9	51.4	77.2

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



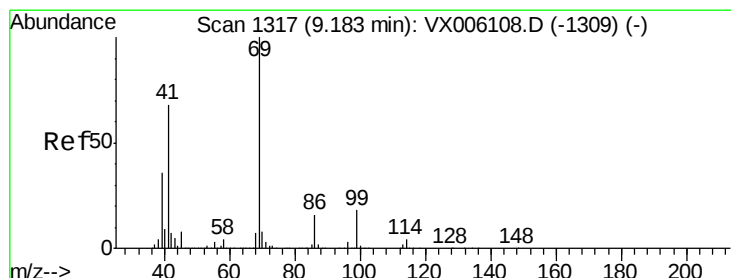
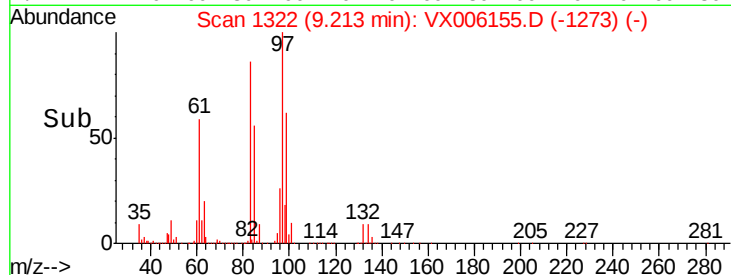
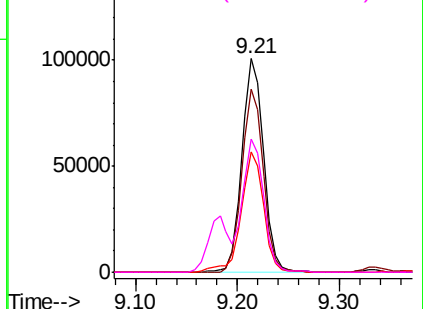
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

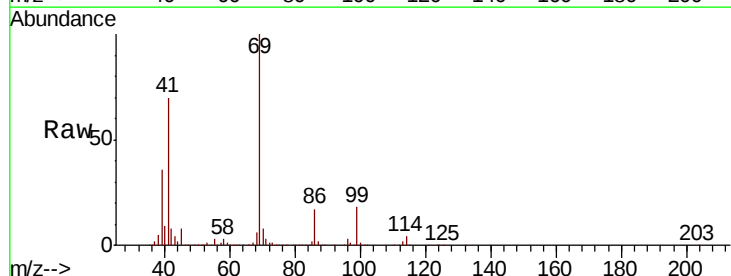
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 47.368 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.2	84.4
39	36.9	29.4	44.0

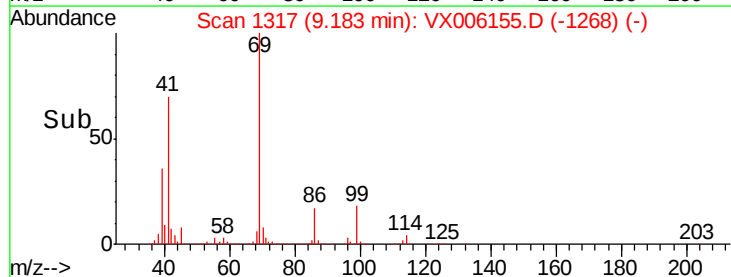
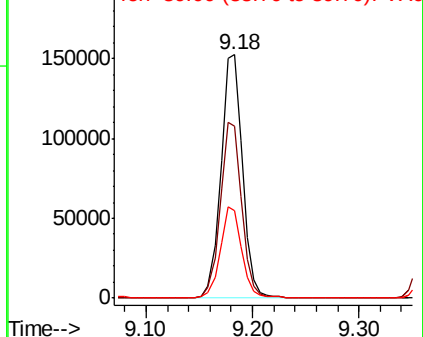


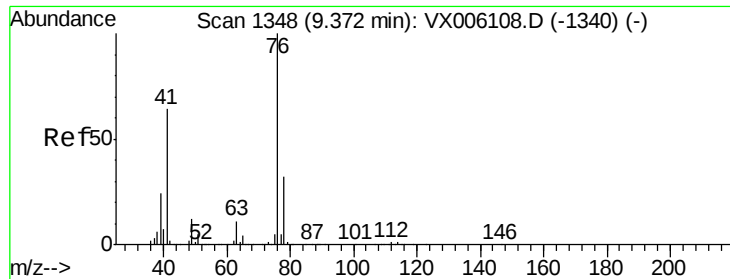
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





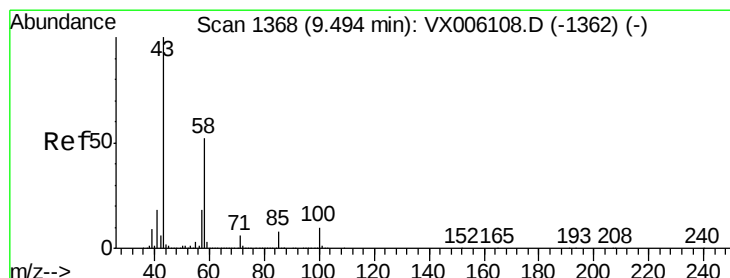
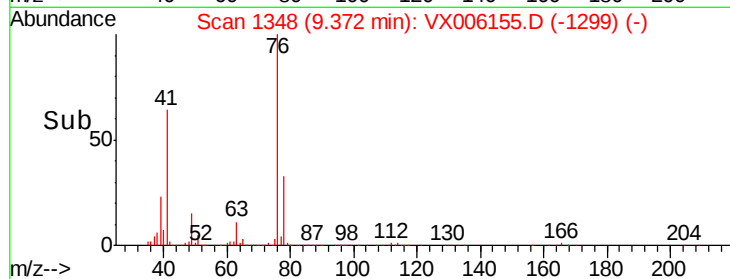
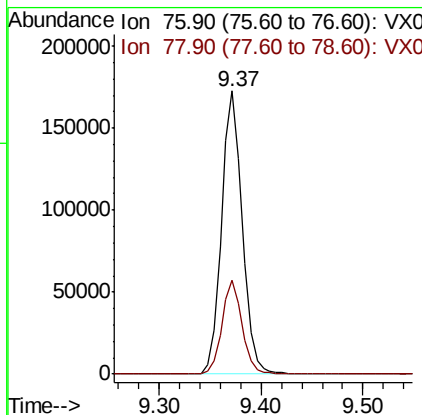
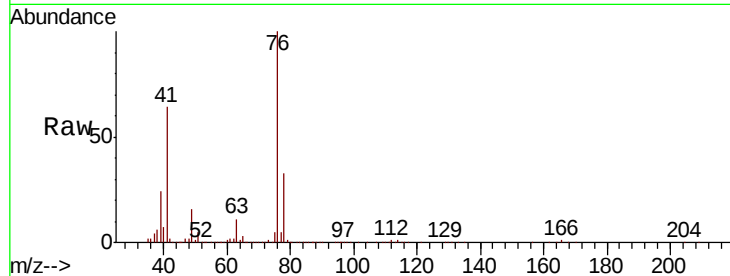
#57
 1,3-Dichloropropane
 Concen: 50.506 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

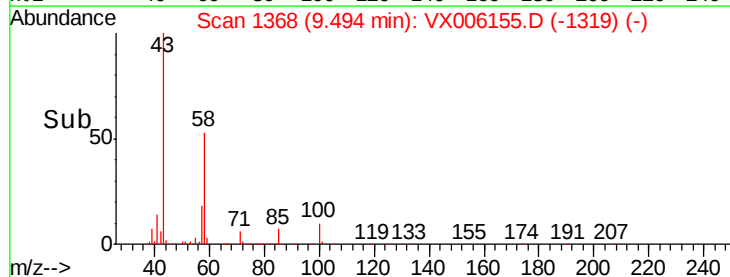
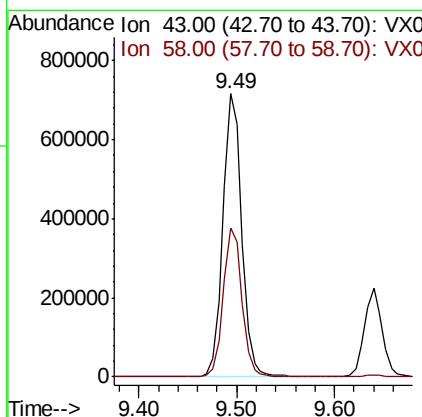
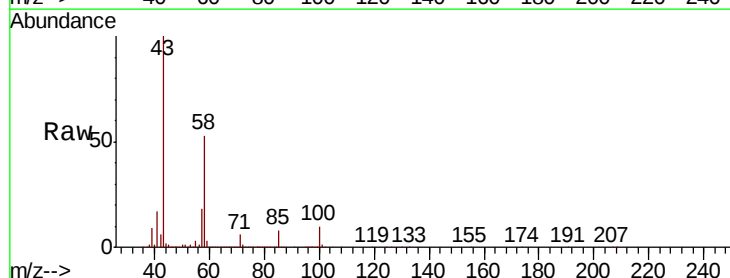
Manual Integrations
 APPROVED

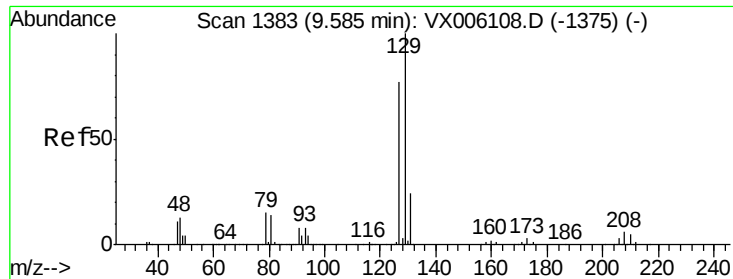
MMDadoda
 11/26/2018 9:48:58 AM



#59
 2-Hexanone
 Concen: 243.260 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.3	78.9





#60

Dibromochloromethane

Concen: 52.251 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion:129 Resp: 150333

Ion Ratio Lower Upper

129 100

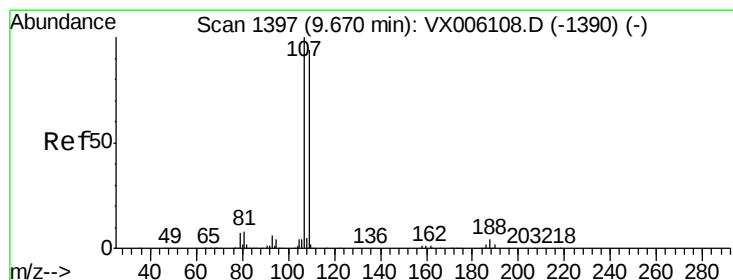
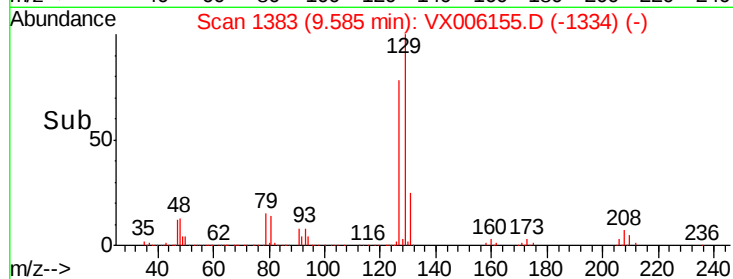
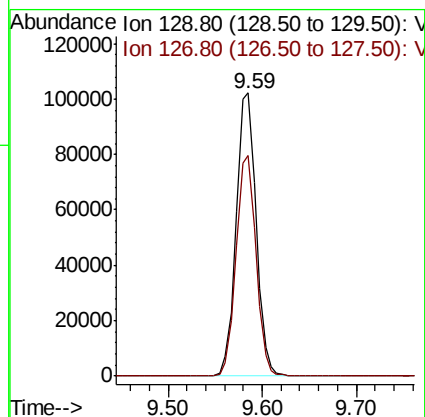
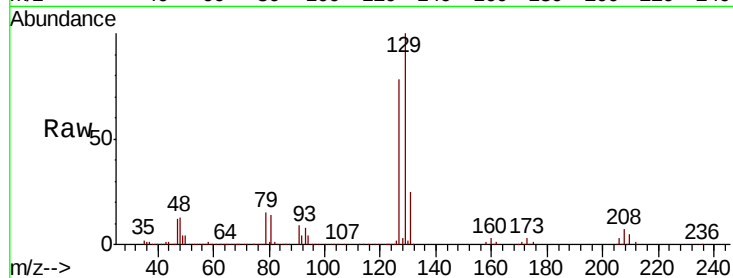
127 78.0 39.1 117.5

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#61

1,2-Dibromoethane

Concen: 51.495 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006155.D

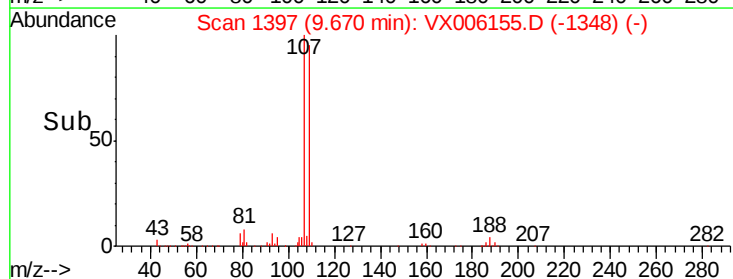
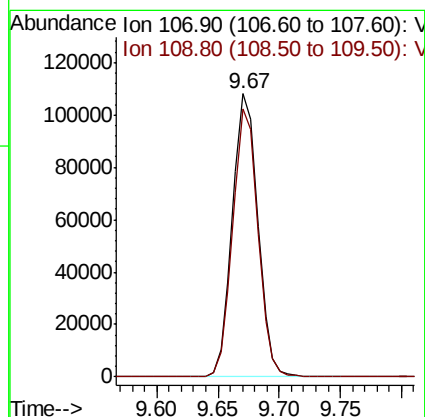
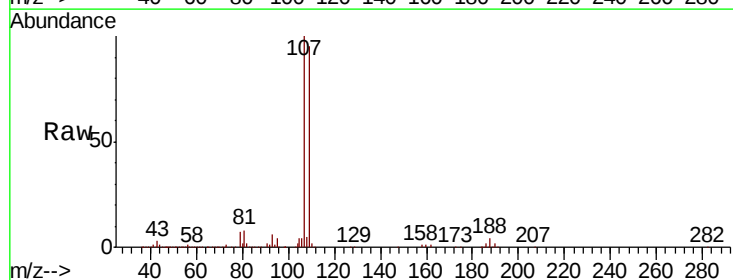
Acq: 22 Nov 2018 06:16

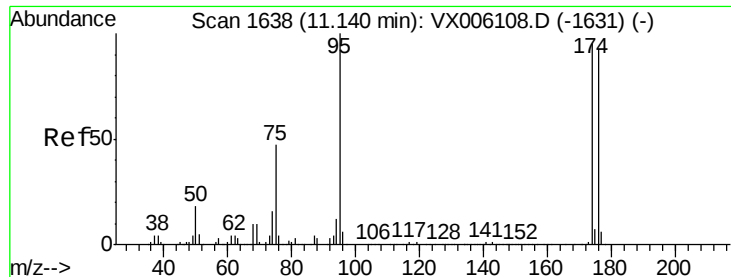
Tgt Ion:107 Resp: 155684

Ion Ratio Lower Upper

107 100

109 93.7 75.7 113.5





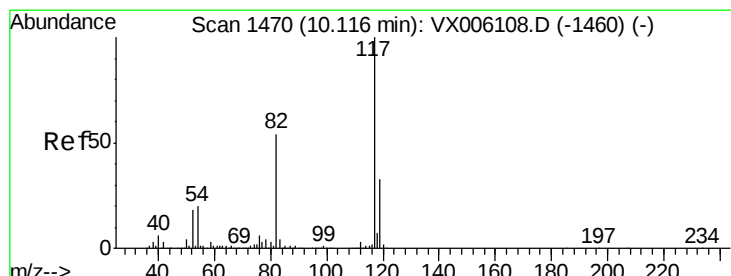
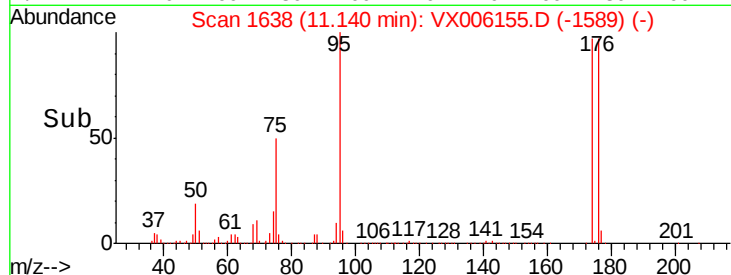
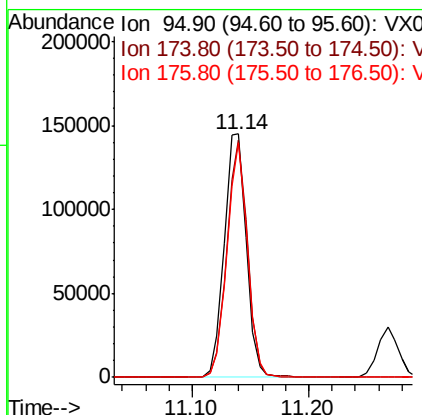
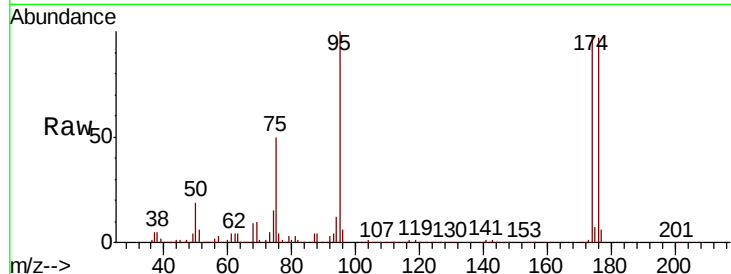
#62
4-Bromofluorobenzene
Concen: 50.661 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	190220		
174	91.7	0.0	184.4	
176	89.6	0.0	179.0	

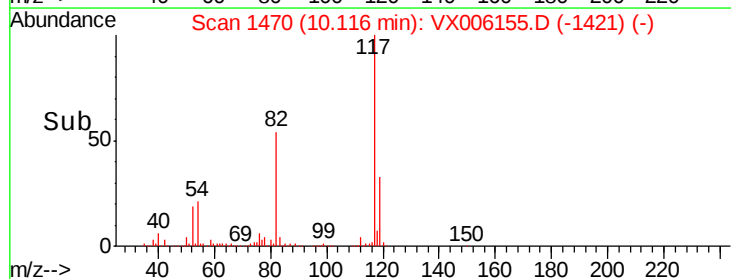
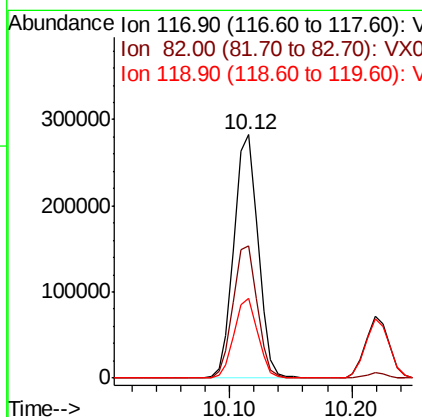
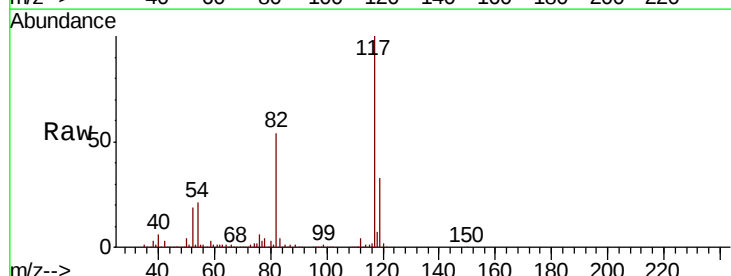
Manual Integrations
APPROVED

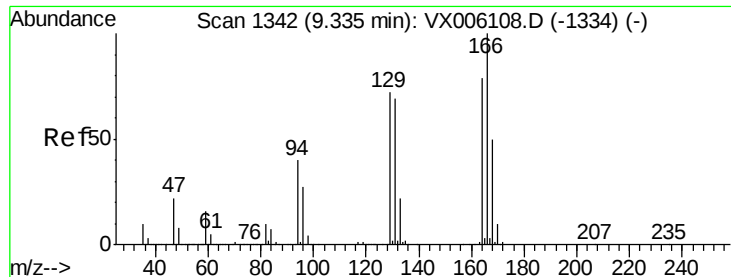
MMDadoda
11/26/2018 9:48:58 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	385104		
82	54.2	43.0	64.4	
119	32.9	26.1	39.1	





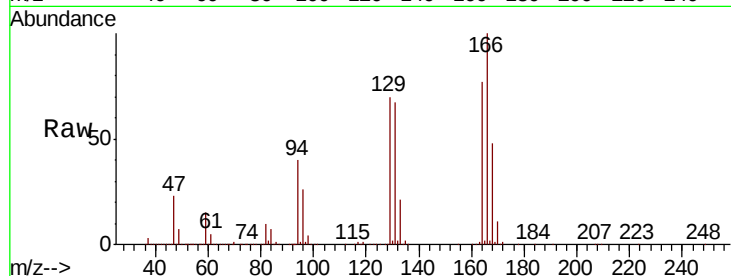
#64
Tetrachloroethene
Concen: 48.723 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.5	152.3
129	91.3	73.4	110.0
131	87.2	70.2	105.4

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



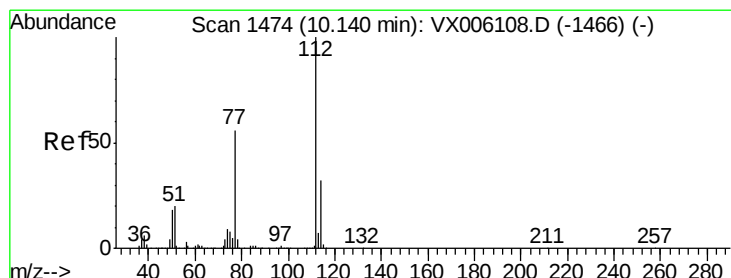
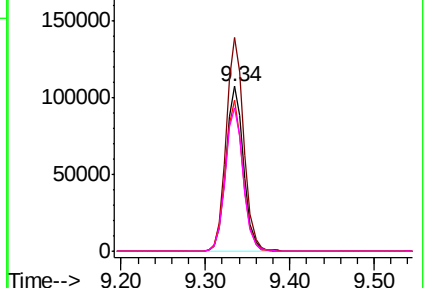
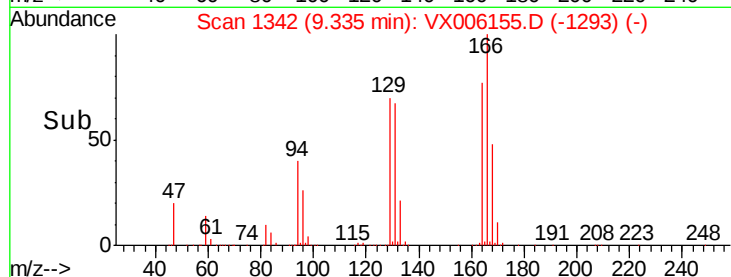
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

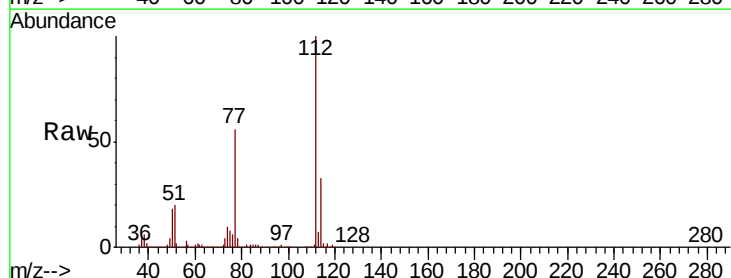
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 50.568 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

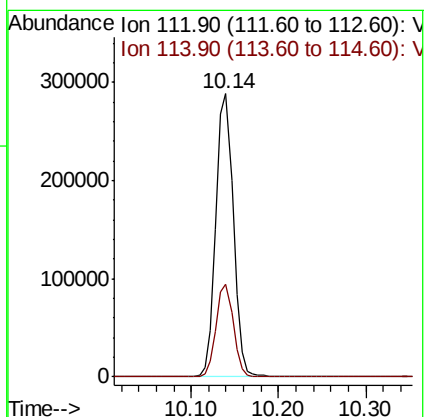
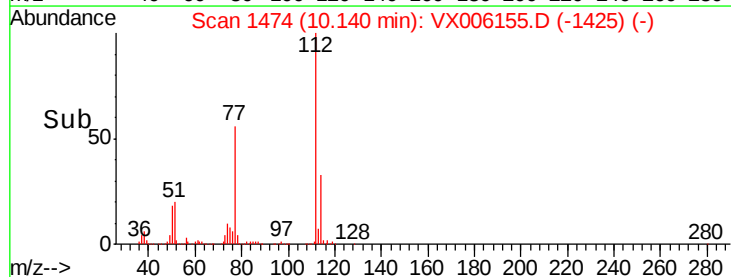
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4

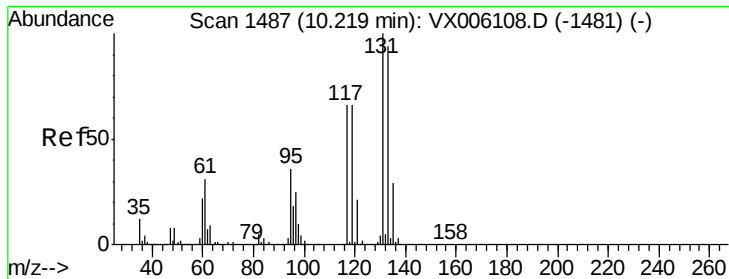


Abundance

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: 51.878 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

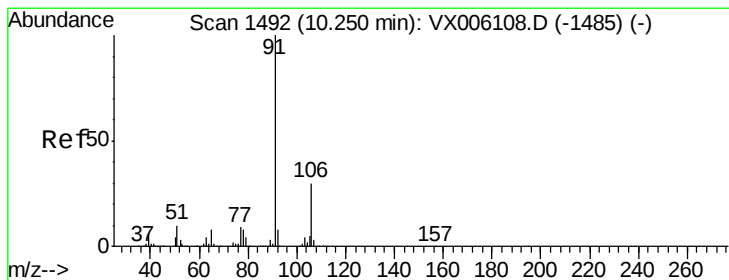
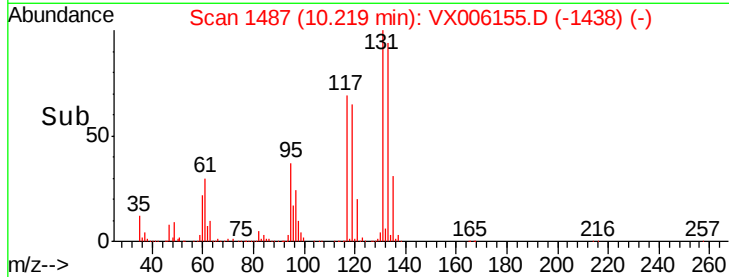
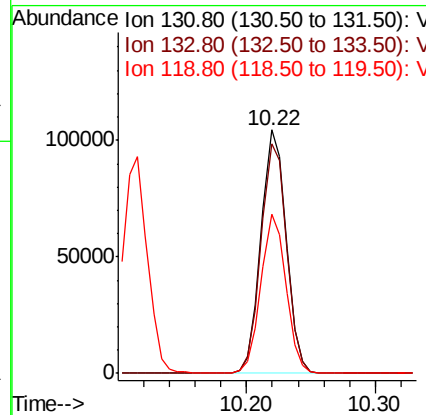
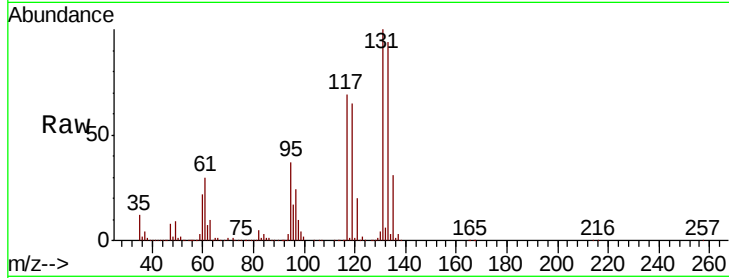
ClientSampleId :

EP2-MW-101MS

Tot Ion:	131	Resp:	140690
Ion Ratio	Lower	Upper	
131	100		
133	96.1	48.0	144.2
119	65.3	32.6	97.8

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



#67

Ethyl Benzene

Concen: 53.595 ug/l

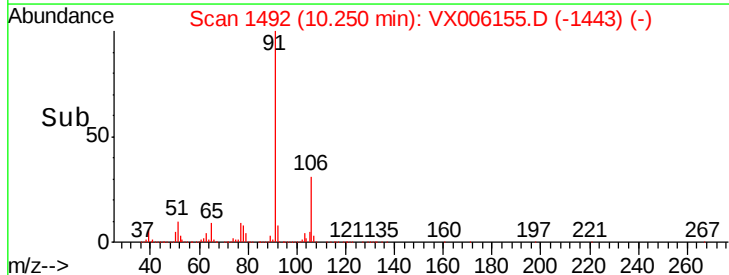
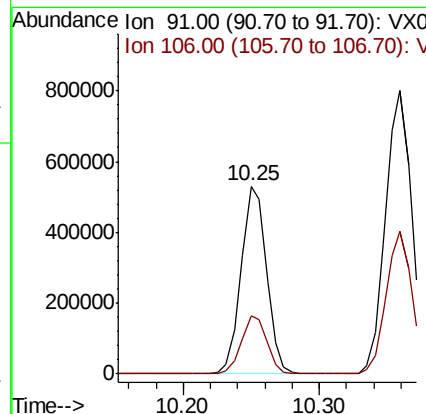
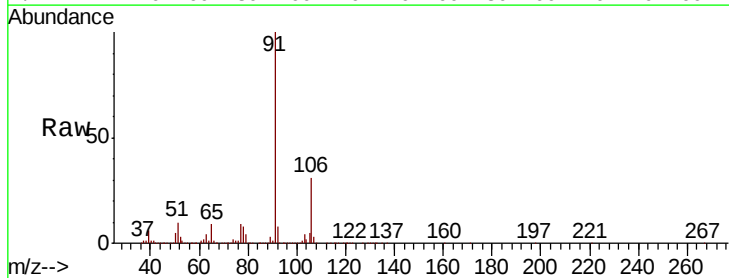
RT: 10.25 min Scan# 1492

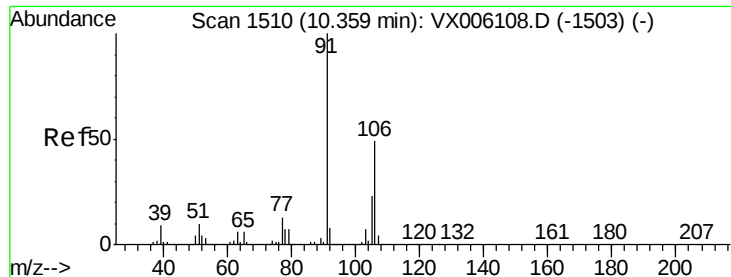
Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Tgt Ion:	91	Resp:	693191
Ion Ratio	Lower	Upper	
91	100		
106	30.6	24.4	36.6





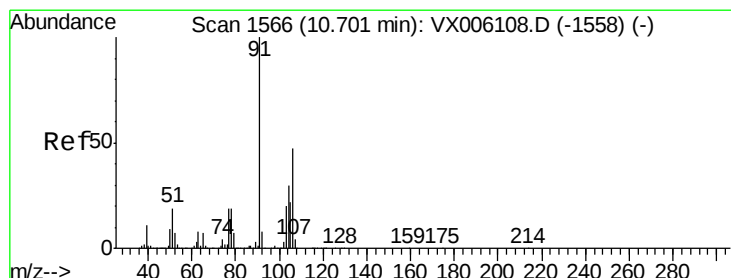
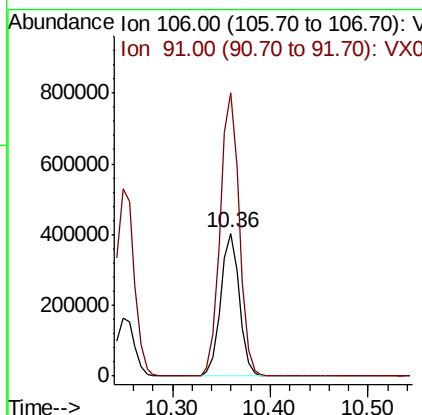
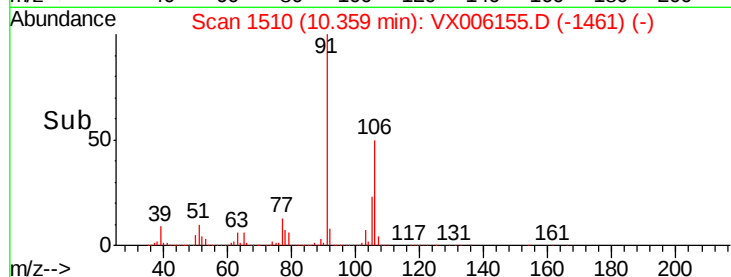
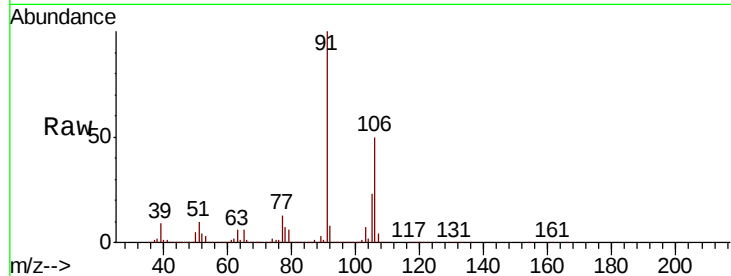
#68
m/p-Xylenes
Concen: 106.430 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	202.3	162.0	243.0		

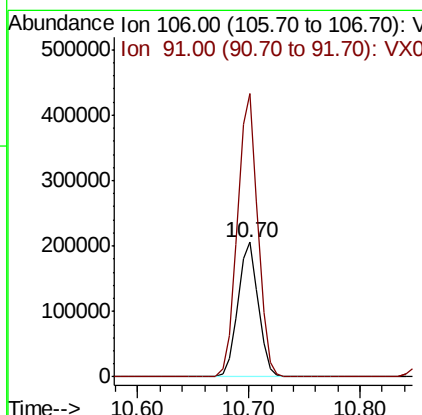
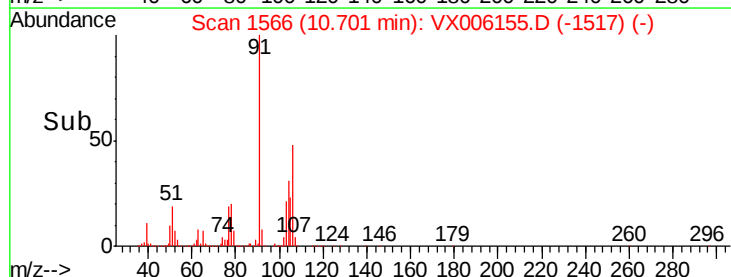
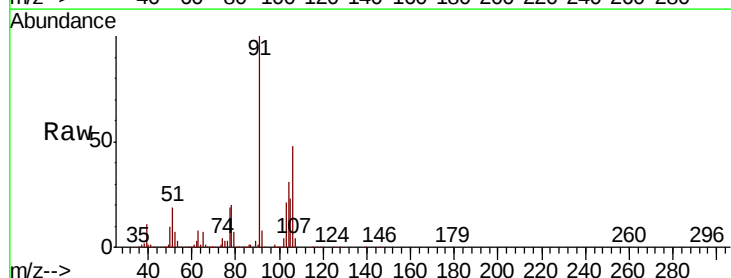
Manual Integrations
APPROVED

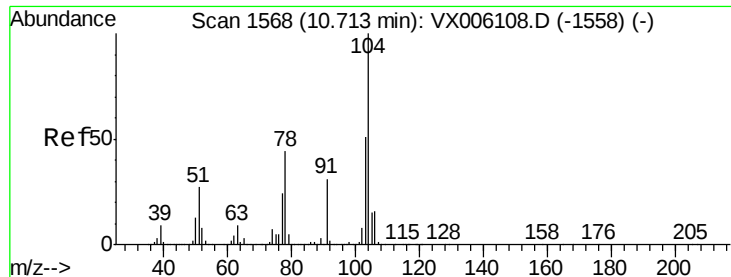
MMDadoda
11/26/2018 9:48:58 AM



#69
o-Xylene
Concen: 54.054 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	210.8	107.4	322.2		





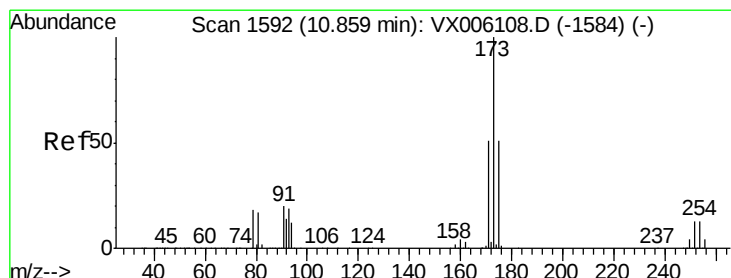
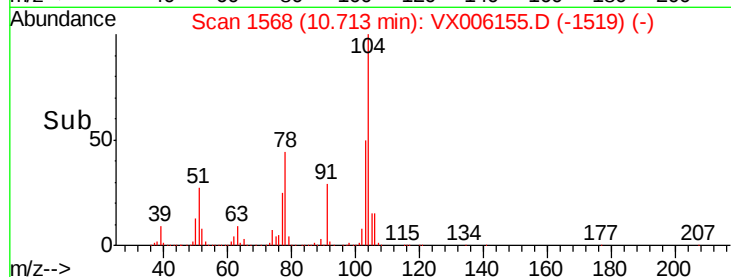
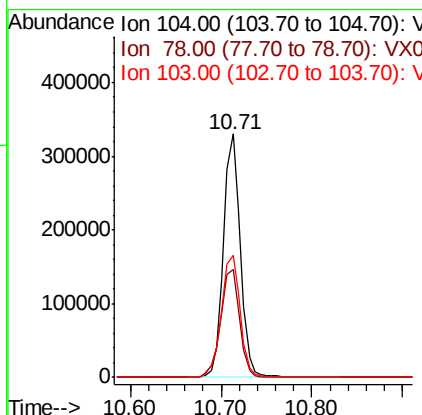
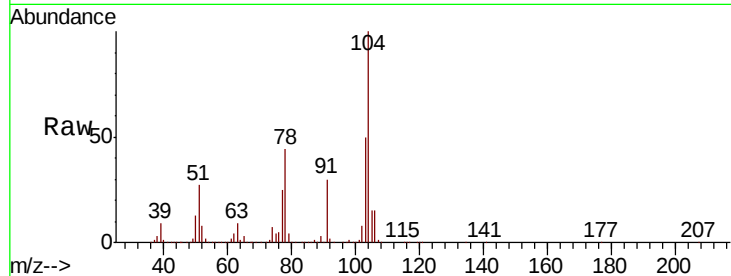
#70
Stvrene
Concen: 54.480 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.4	59.2
103	56.2	44.6	67.0

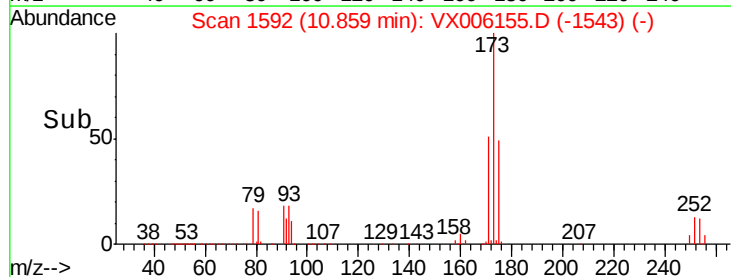
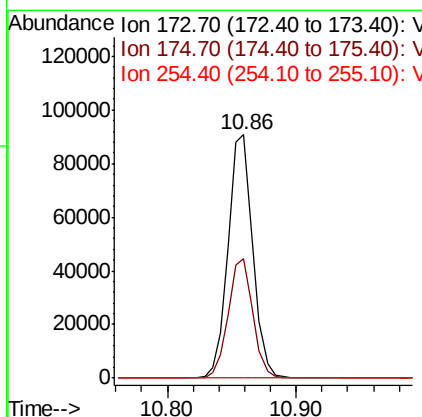
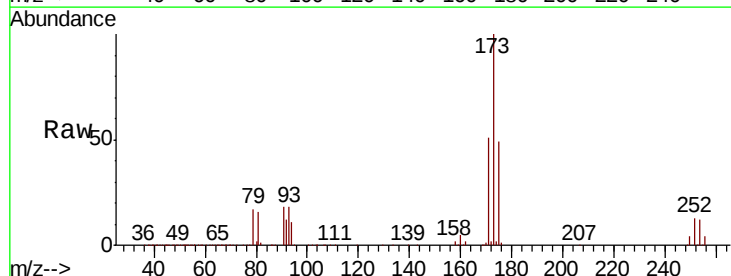
Manual Integrations
APPROVED

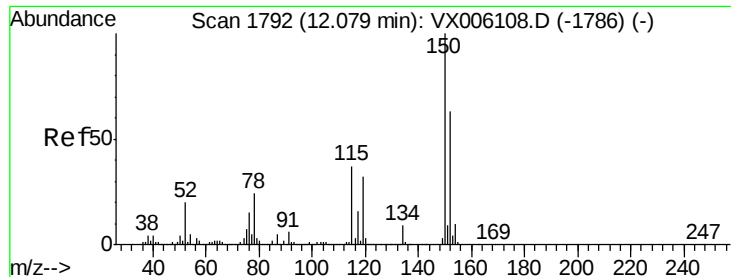
MMDadoda
11/26/2018 9:48:58 AM



#71
Bromoform
Concen: 50.354 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.6
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: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

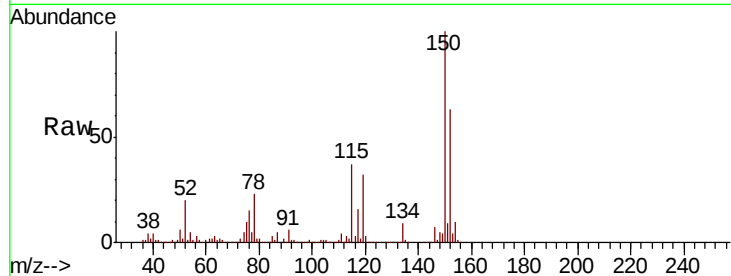
ClientSampleId :

EP2-MW-101MS

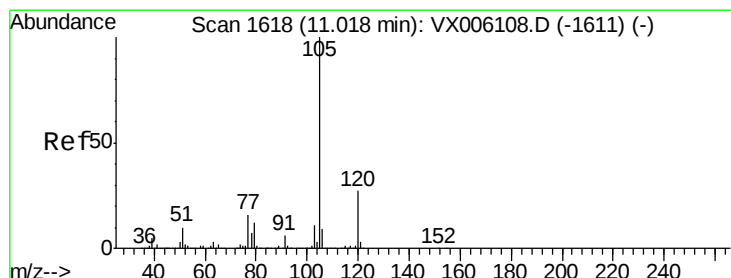
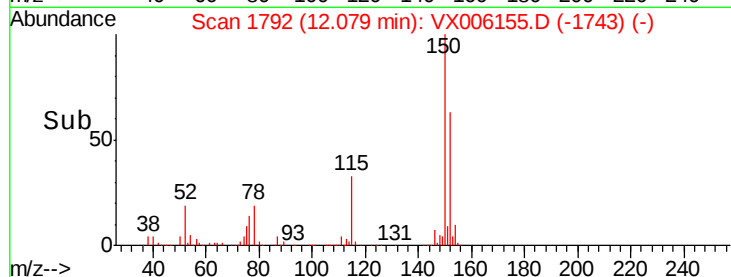
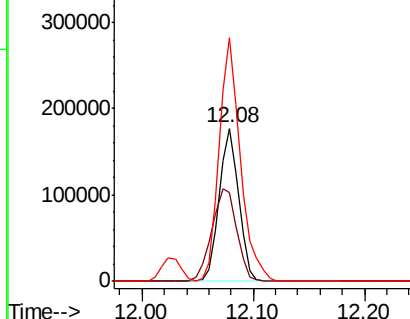
Tot Ion:	152	Resp:	214711
Ion Ratio	Lower	Upper	
152	100		
115	77.8	39.0	116.9
150	173.3	0.0	346.6

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM



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



#73

Isopropylbenzene

Concen: 53.675 ug/l

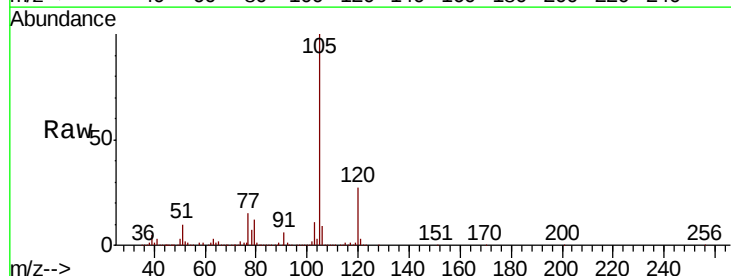
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

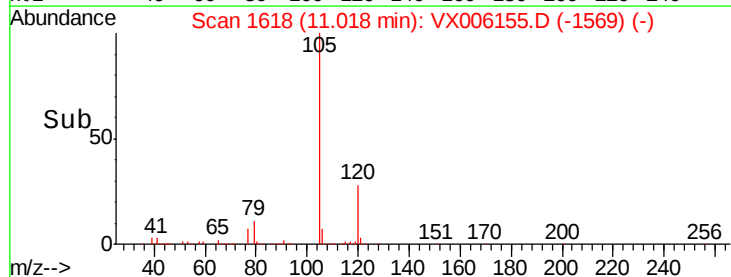
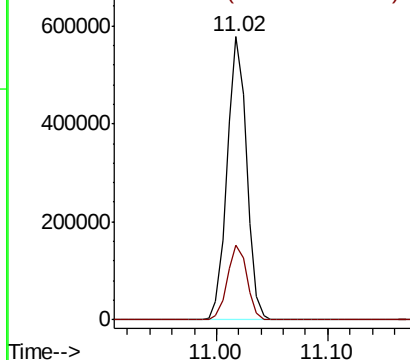
Lab File: VX006155.D

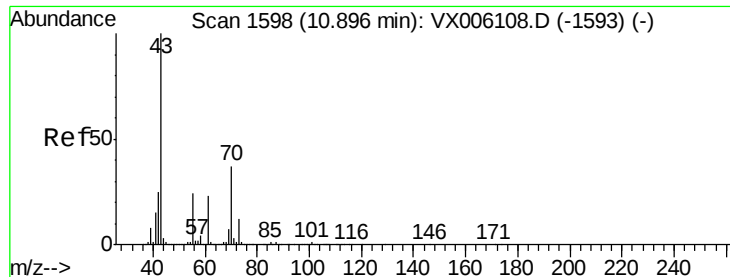
Acq: 22 Nov 2018 06:16

Tgt Ion:	105	Resp:	697300
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.3	39.8



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





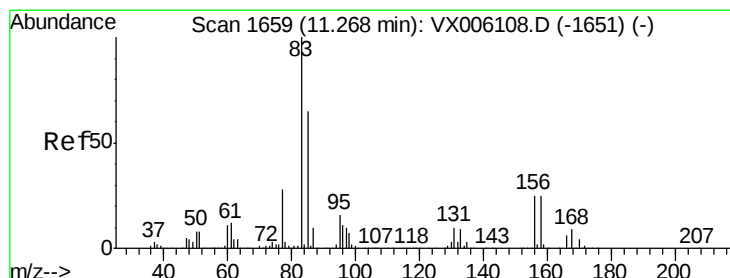
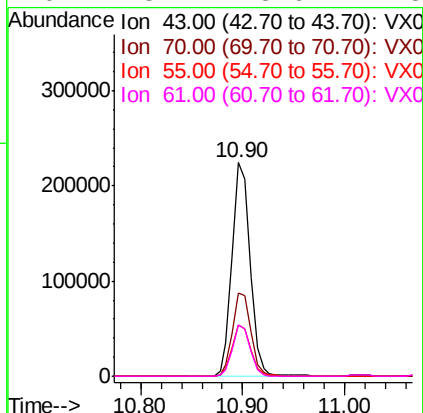
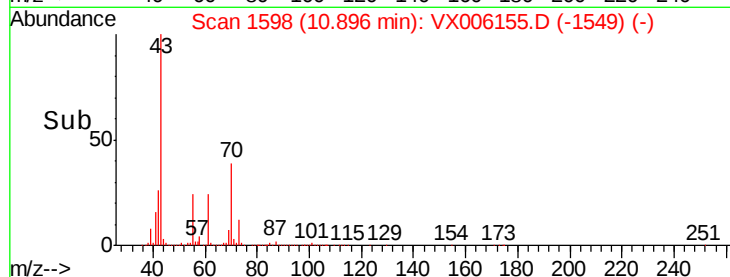
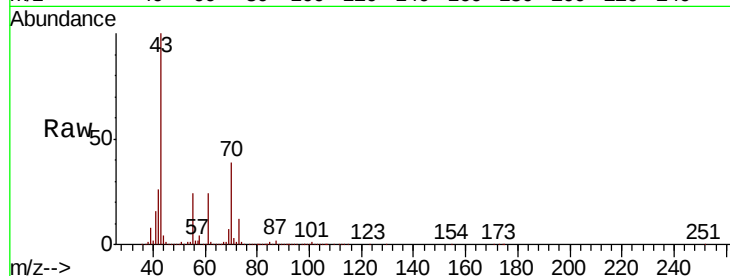
#74
N-amvl acetate
Concen: 41.691 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	39.9	31.8	47.6	
55	24.7	19.5	29.3	
61	23.7	18.6	27.8	

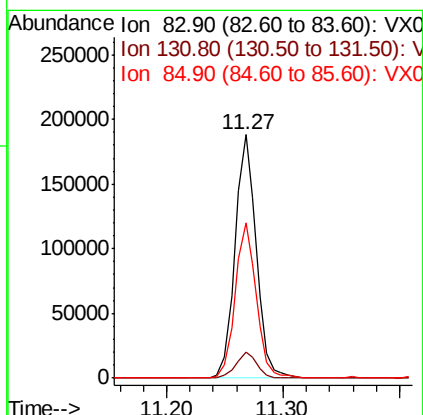
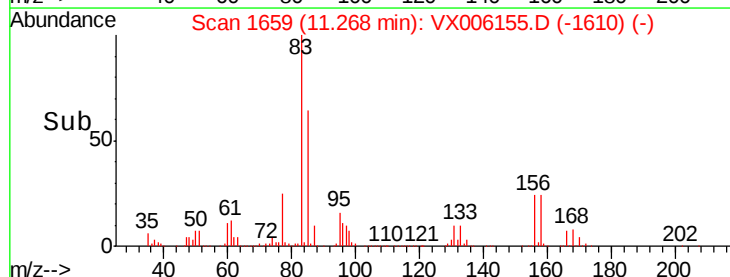
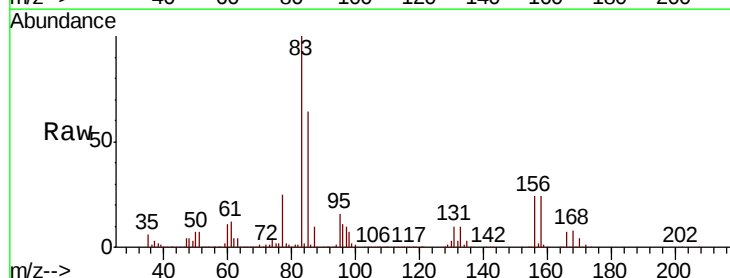
Manual Integrations
APPROVED

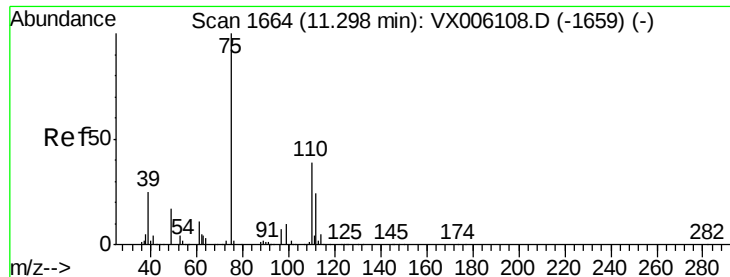
MMDadoda
11/26/2018 9:48:58 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 48.809 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.5	5.2	15.6	
85	63.5	32.6	97.8	





#76

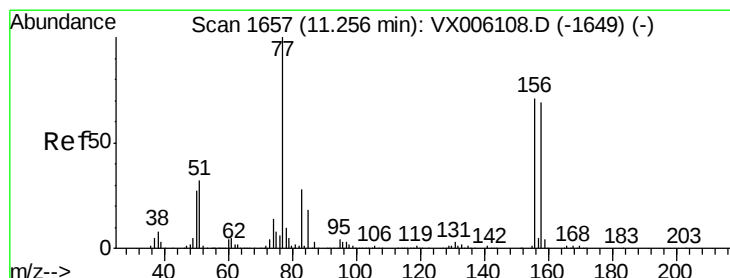
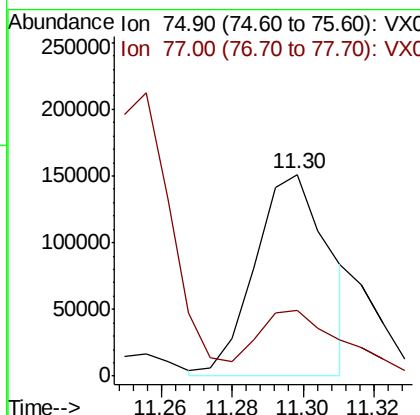
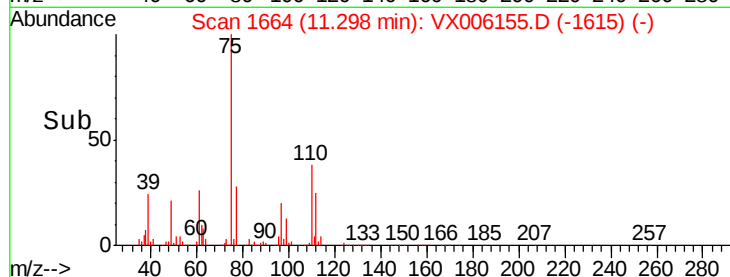
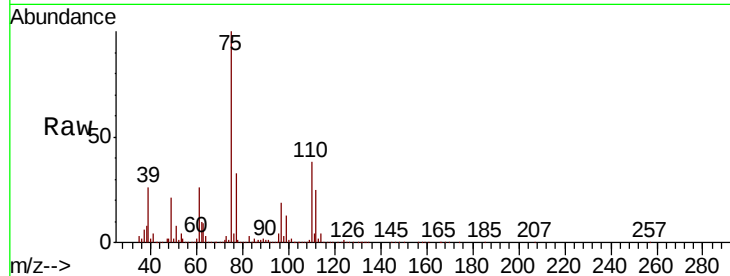
1,2,3-Trichloropropane
Concen: 49.695 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion: 75 Resp: 219672
Ion Ratio Lower Upper
75 100
77 37.7 19.6 58.7

Manual Integrations
APPROVED

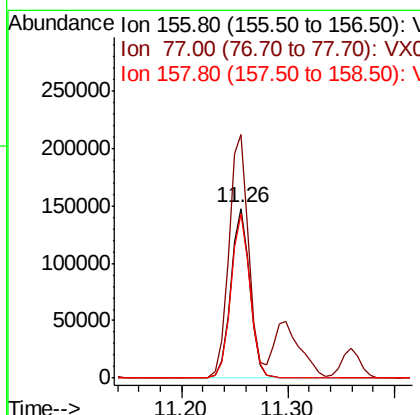
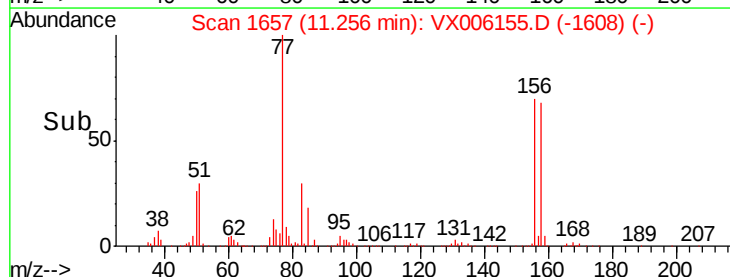
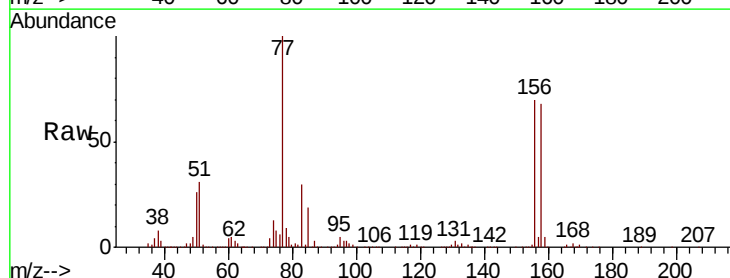
MMDadoda
11/26/2018 9:48:58 AM

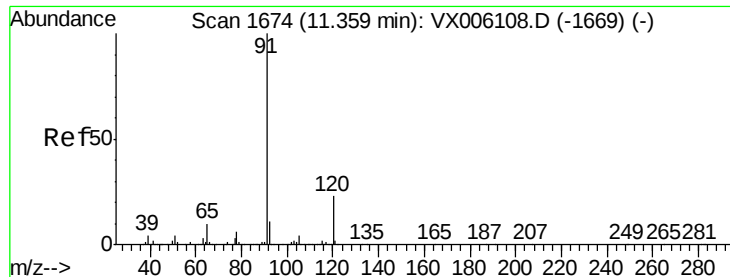


#77

Bromobenzene
Concen: 50.862 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion: 156 Resp: 185103
Ion Ratio Lower Upper
156 100
77 149.1 74.3 222.8
158 97.4 49.0 147.0





#78

n-propylbenzene

Concen: 53.790 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 91 Resp: 813810

Ion Ratio Lower Upper

91 100

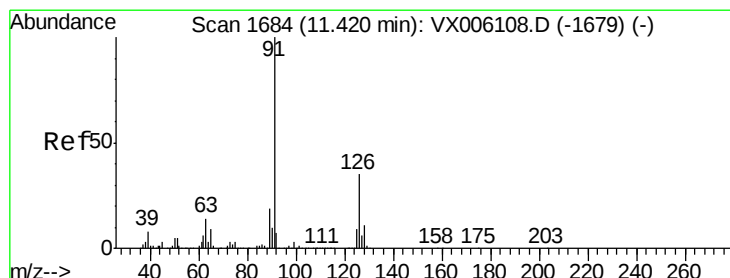
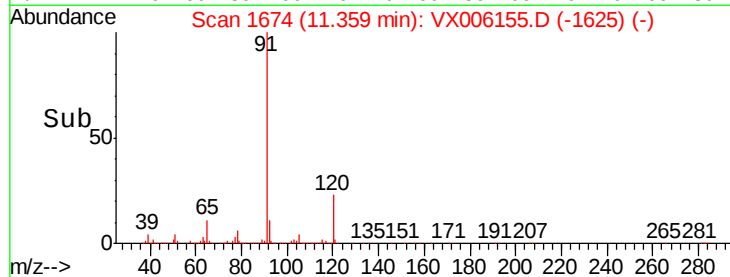
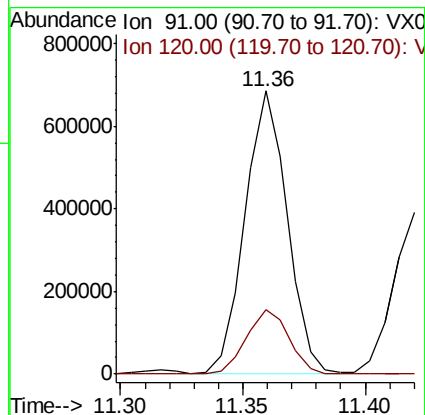
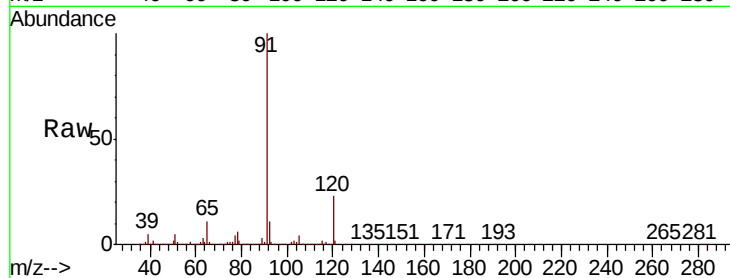
120 23.3 11.8 35.3

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#79

2-Chlorotoluene

Concen: 52.375 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006155.D

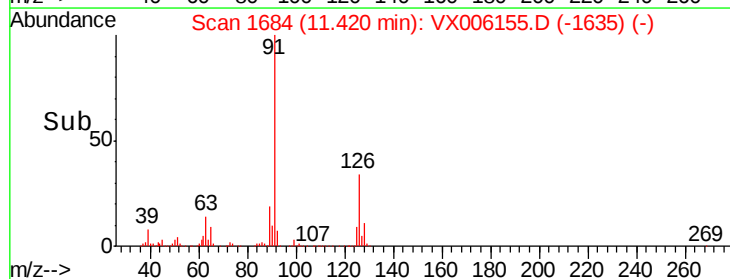
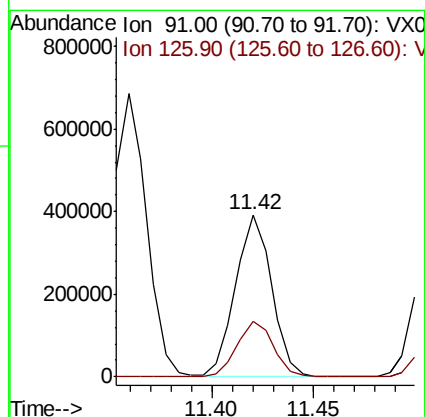
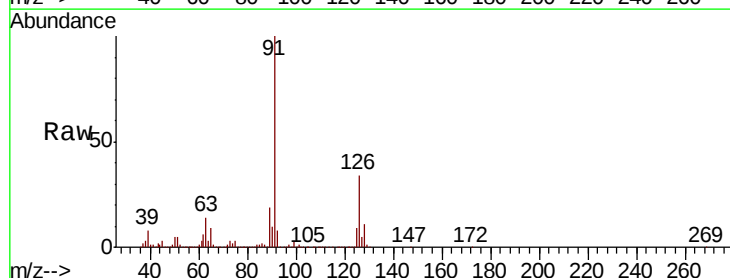
Acq: 22 Nov 2018 06:16

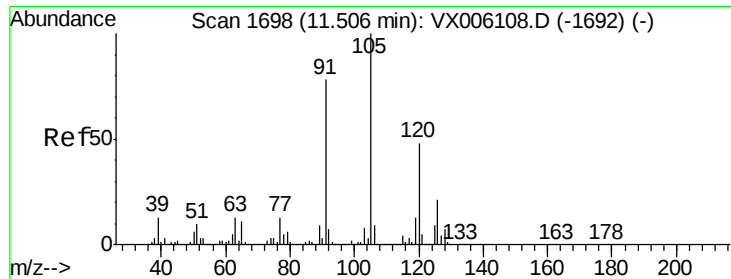
Tgt Ion: 91 Resp: 479389

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.9





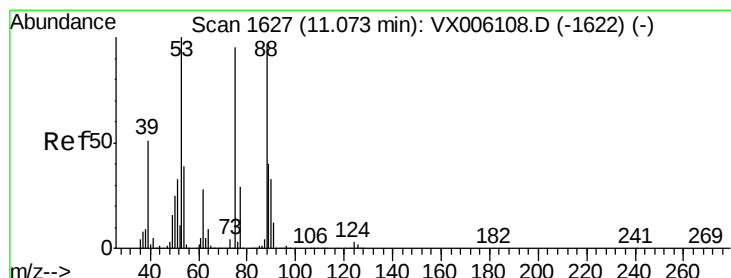
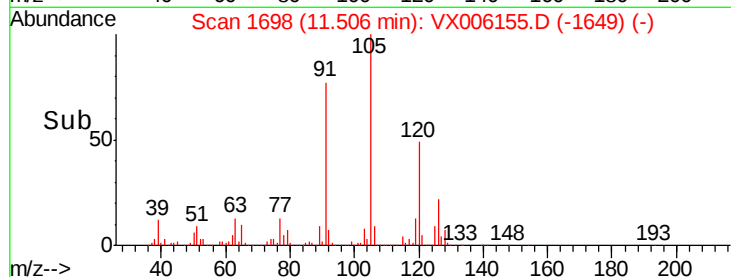
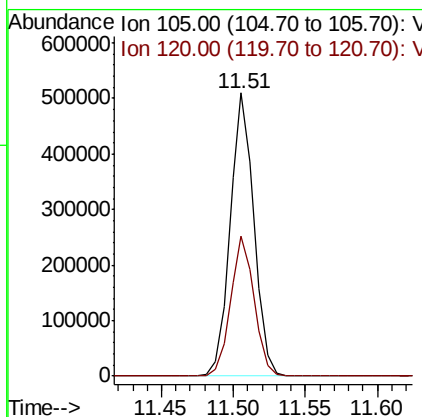
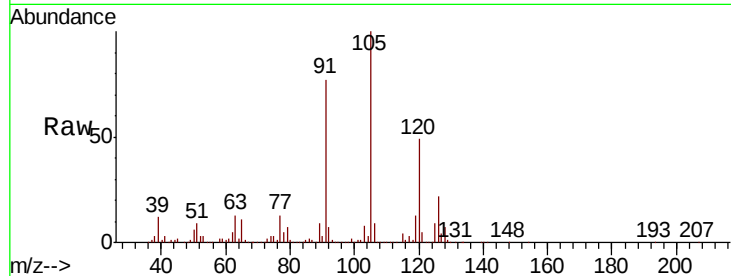
#80
 1,3,5-Trimethylbenzene
 Concen: 53.923 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.3	73.0

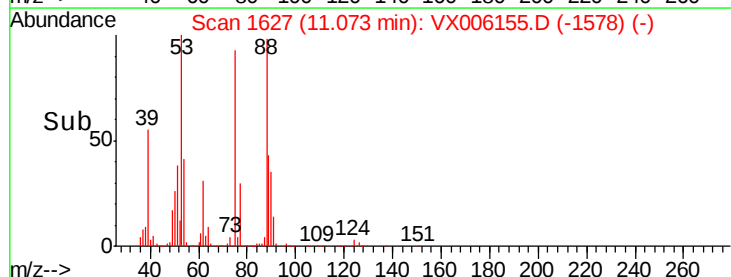
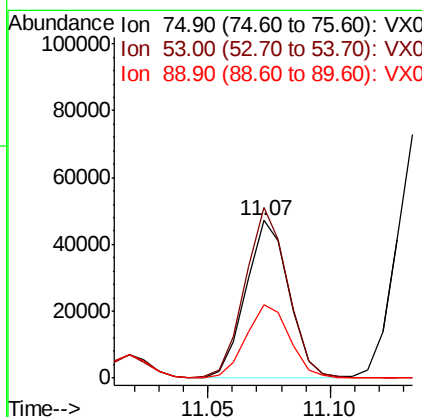
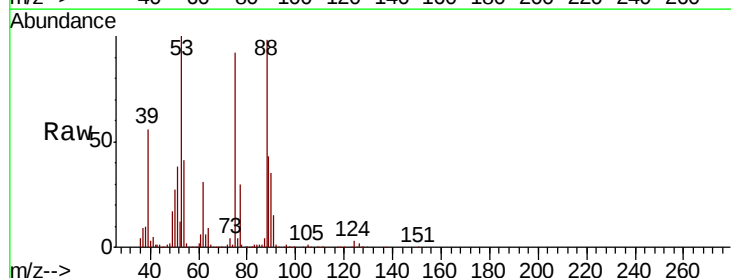
Manual Integrations
 APPROVED

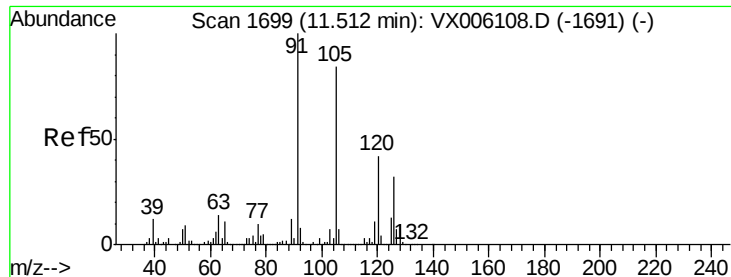
MMDadoda
 11/26/2018 9:48:58 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.788 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.9	85.3	127.9
89	47.6	37.2	55.8





#82

4-Chlorotoluene

Concen: 52.462 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion: 91 Resp: 560380

Ion Ratio Lower Upper

91 100

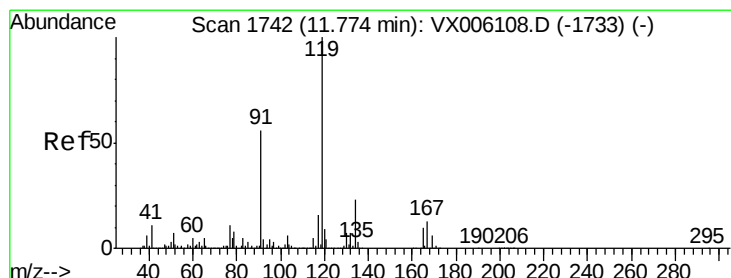
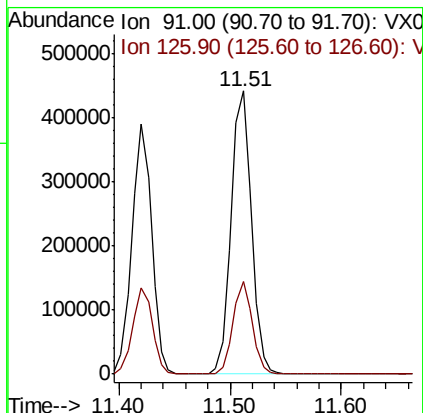
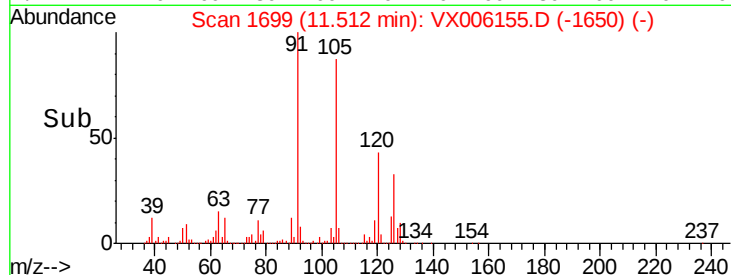
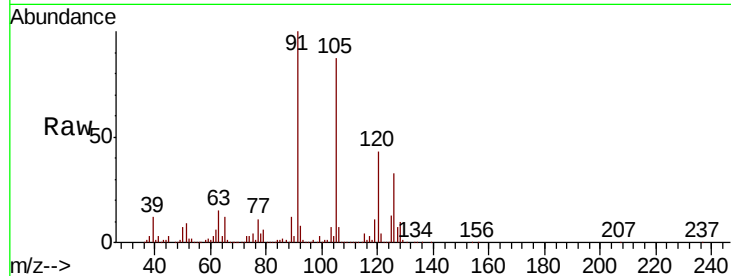
126 31.1 15.3 45.9

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#83

tert-Butylbenzene

Concen: 54.257 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

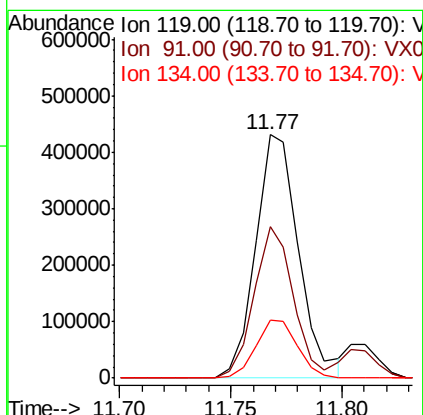
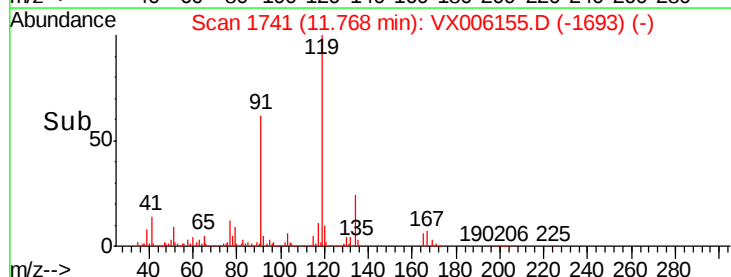
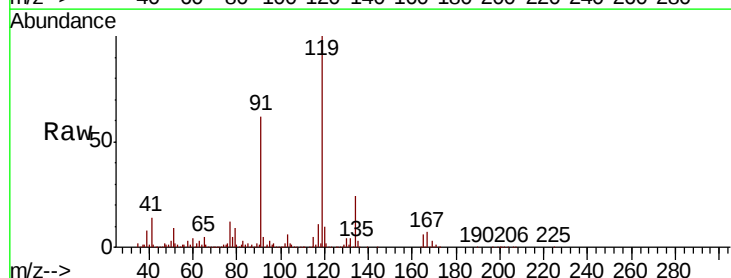
Tgt Ion: 119 Resp: 580164

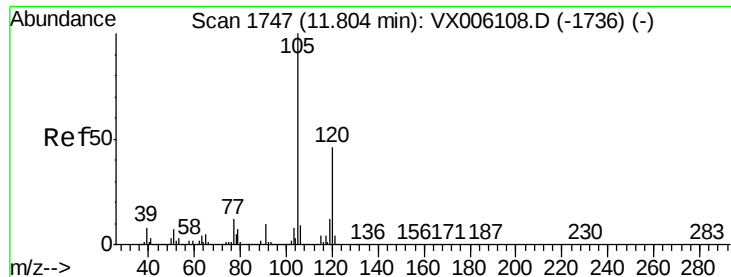
Ion Ratio Lower Upper

119 100

91 56.5 28.2 84.6

134 23.3 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 54.092 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MS

Tot Ion:105 Resp: 604351

Ion Ratio Lower Upper

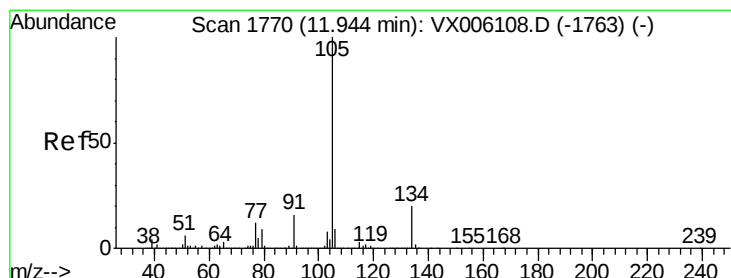
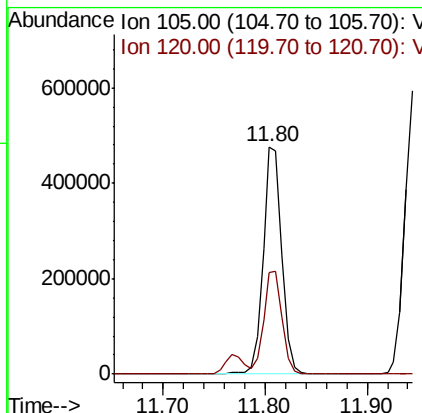
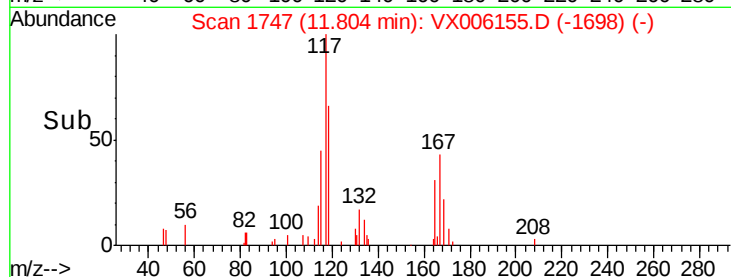
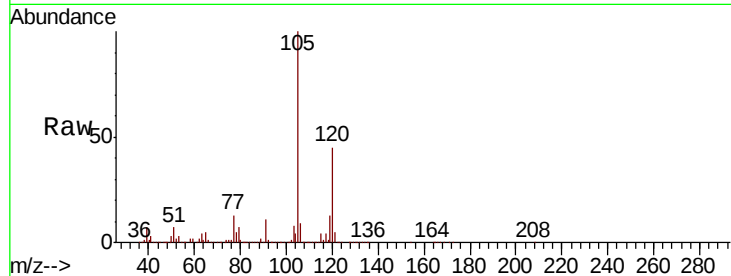
105 100

120 44.9 22.7 68.0

Manual Integrations
APPROVED

MMDadoda

11/26/2018 9:48:58 AM



#85

sec-Butylbenzene

Concen: 54.152 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006155.D

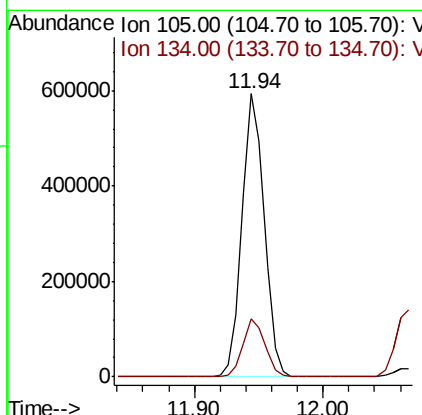
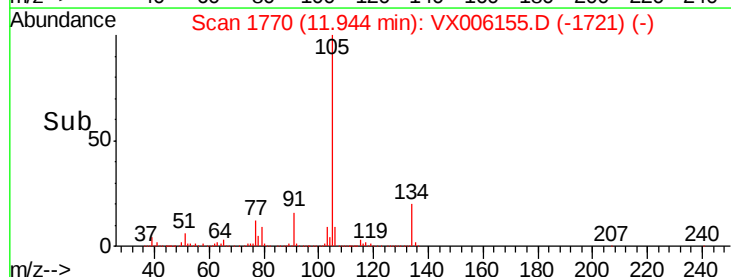
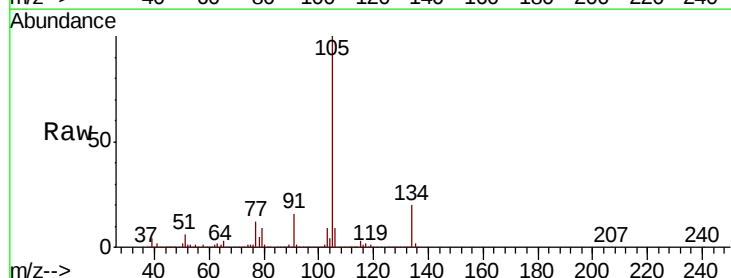
Acq: 22 Nov 2018 06:16

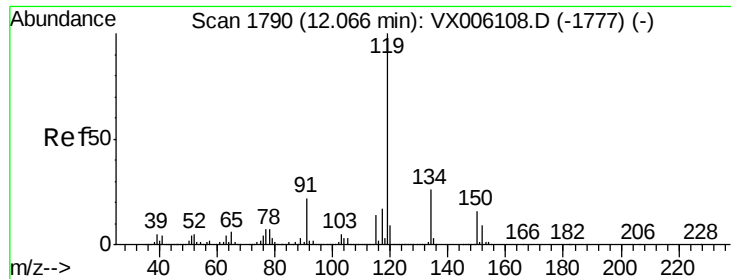
Tgt Ion:105 Resp: 708265

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1





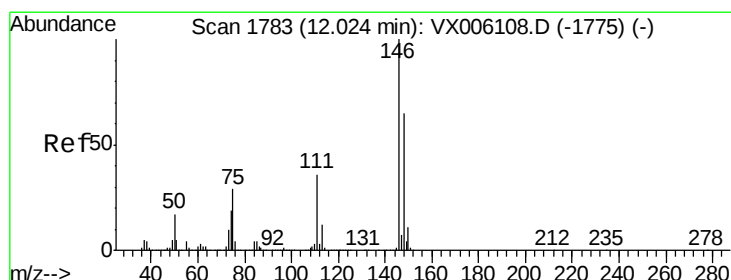
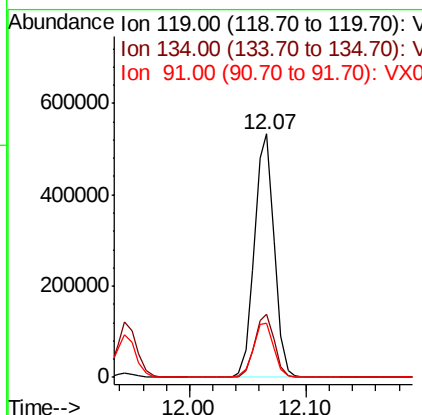
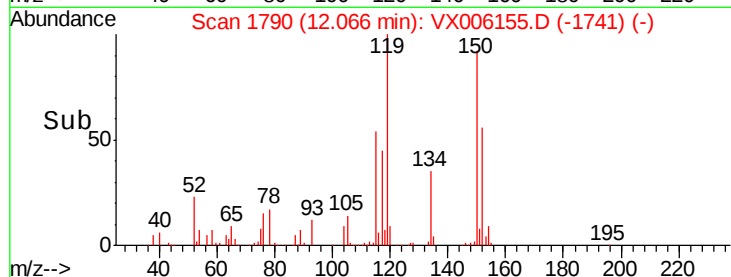
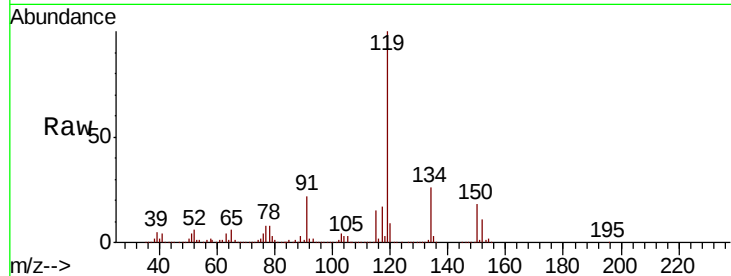
#86
 p-Isopropyltoluene
 Concen: 54.176 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	22.8	11.3	33.9

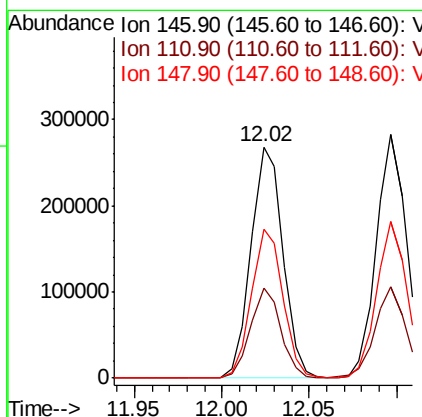
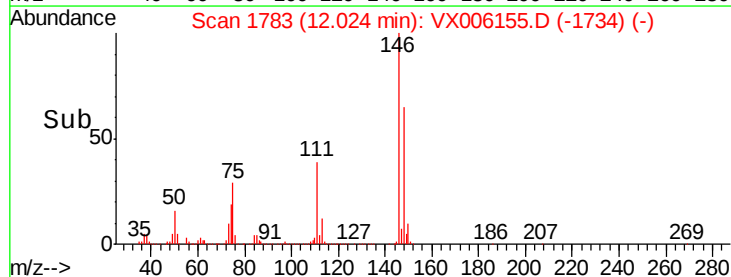
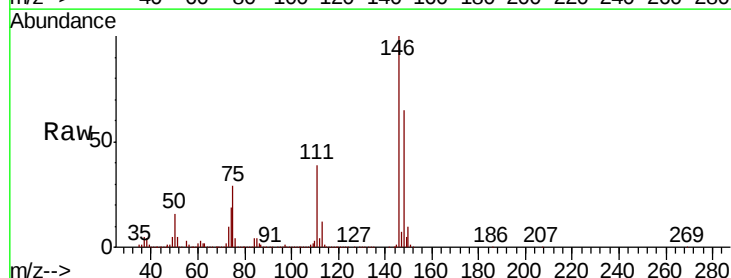
Manual Integrations
 APPROVED

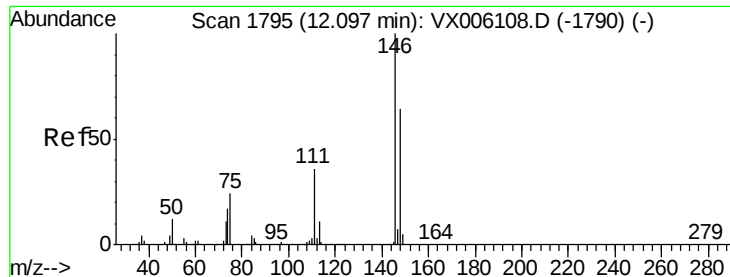
MMDadoda
 11/26/2018 9:48:58 AM



#87
 1,3-Dichlorobenzene
 Concen: 50.791 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.7	32.2	96.6





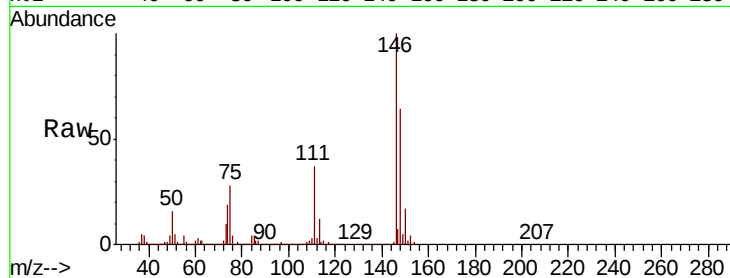
#88
 1,4-Dichlorobenzene
 Concen: 49.191 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

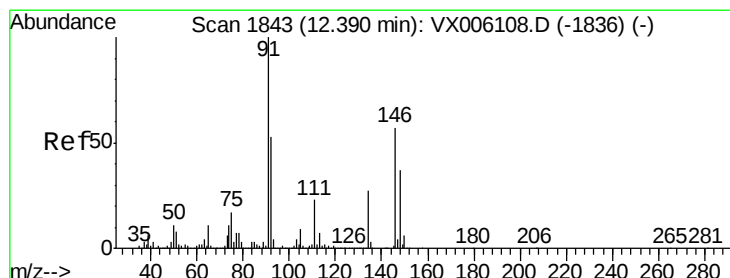
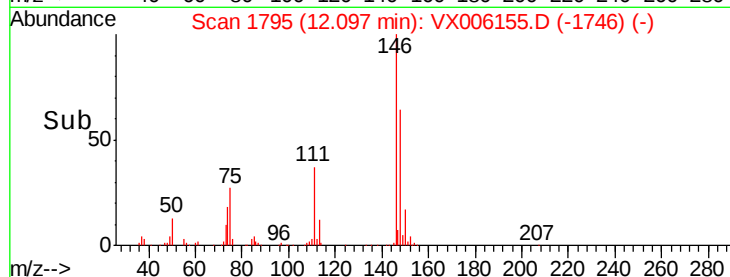
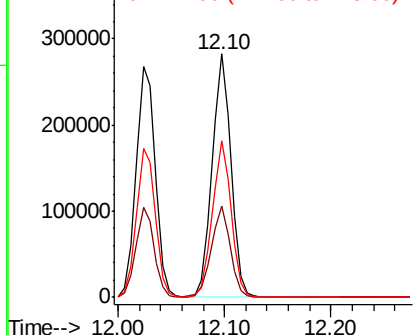
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.3	54.9
148	64.3	32.2	96.6

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:58 AM

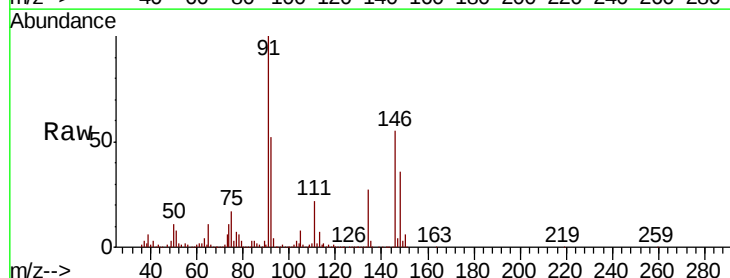


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

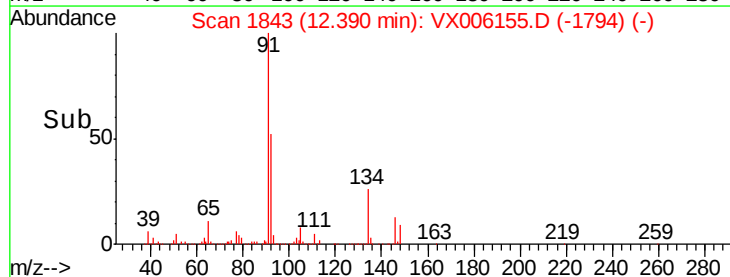
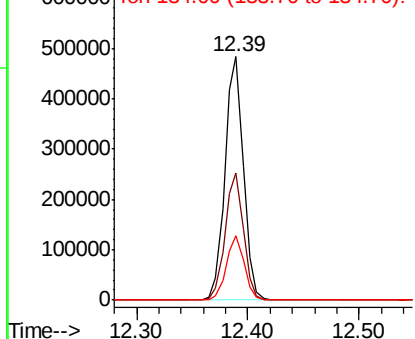


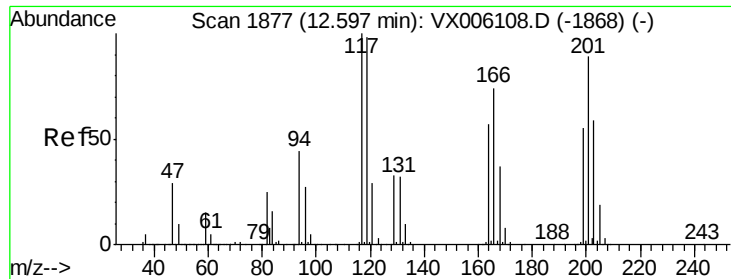
#89
 n-Butylbenzene
 Concen: 52.106 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	26.0	13.1	39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





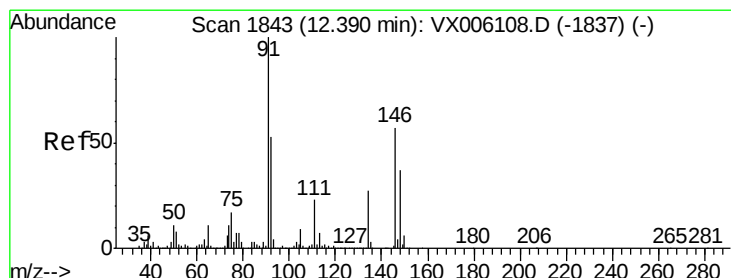
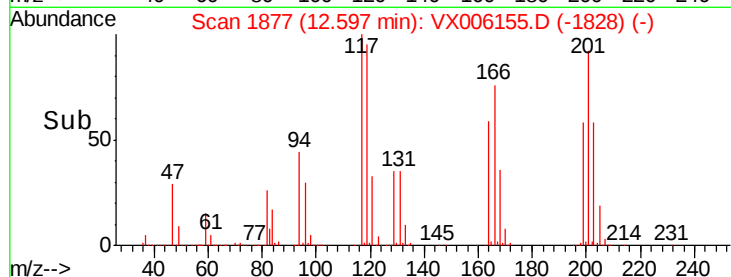
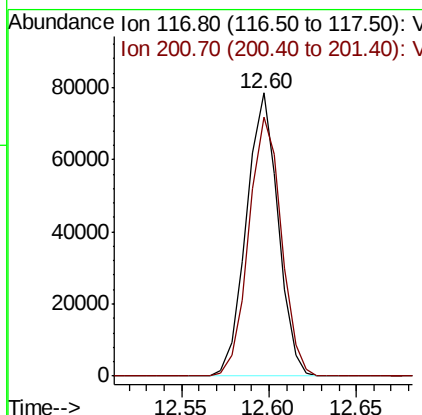
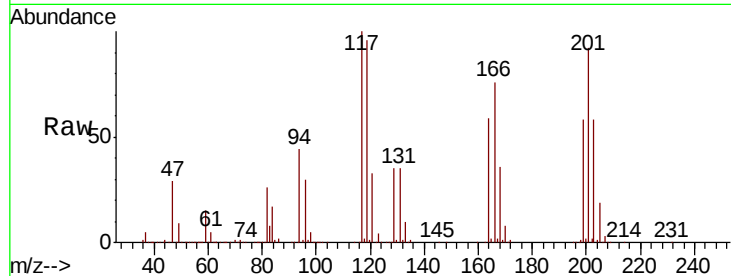
#90
Hexachloroethane
Concen: 52.985 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MS

Tot Ion:117 Resp: 98600
Ion Ratio Lower Upper
117 100
201 94.1 46.1 138.2

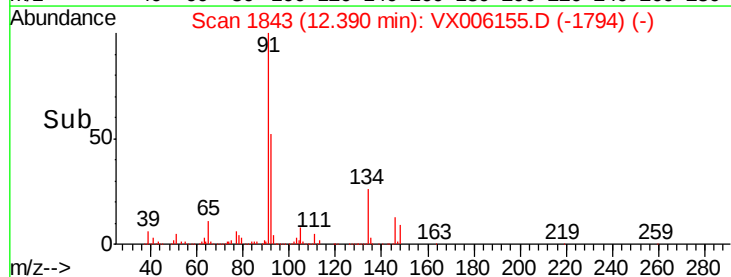
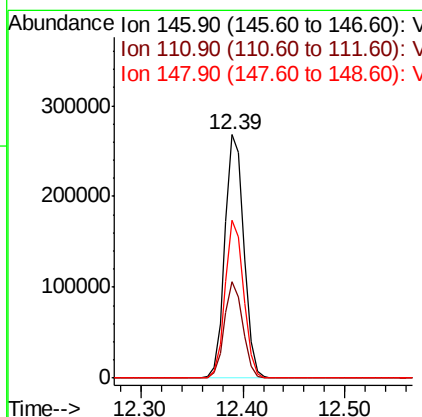
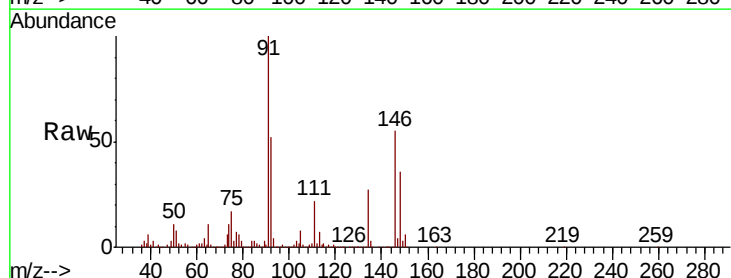
Manual Integrations
APPROVED

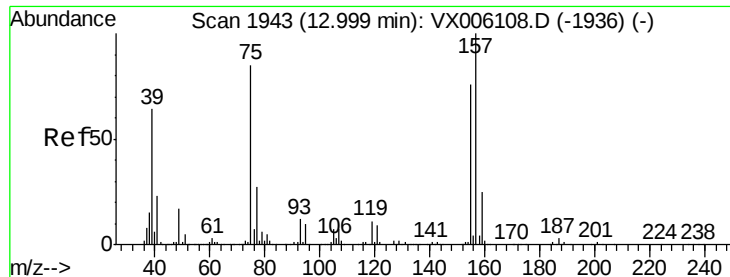
MMDadoda
11/26/2018 9:48:58 AM



#91
1,2-Dichlorobenzene
Concen: 50.310 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006155.D
Acq: 22 Nov 2018 06:16

Tgt Ion:146 Resp: 345141
Ion Ratio Lower Upper
146 100
111 38.6 19.6 58.8
148 63.0 32.0 96.0





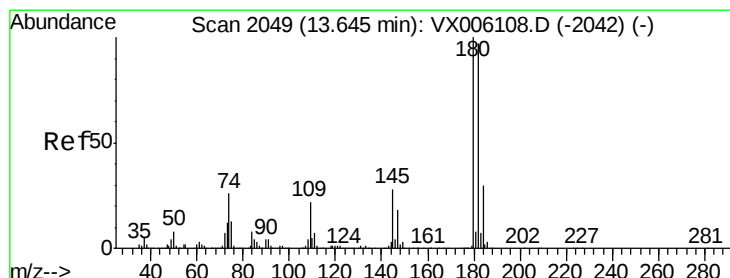
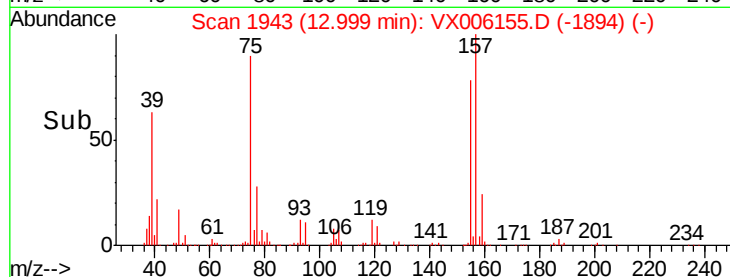
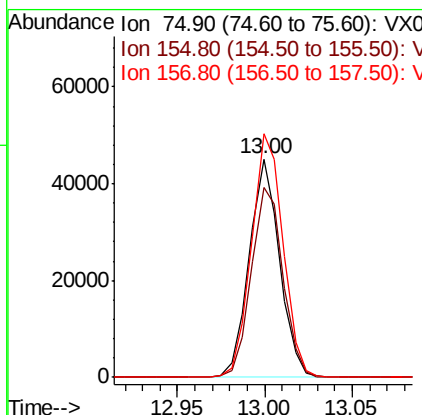
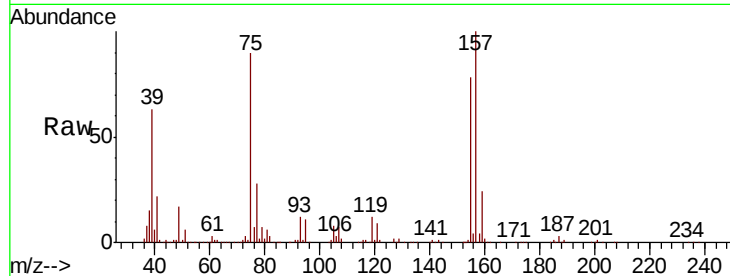
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.907 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	90.6	46.1	138.3
157	115.9	59.8	179.3

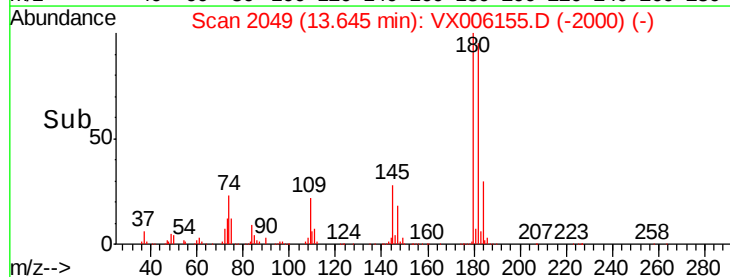
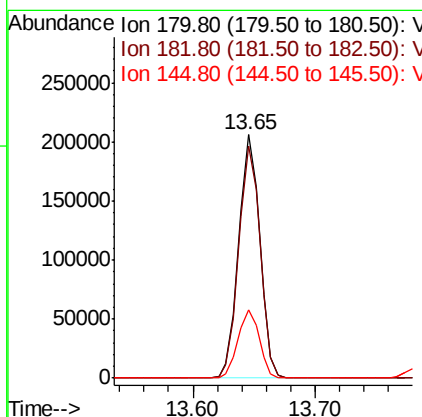
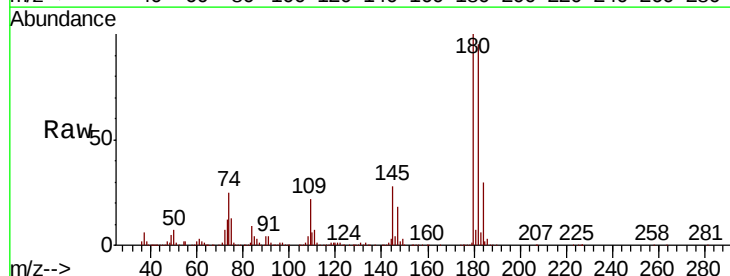
Manual Integrations
 APPROVED

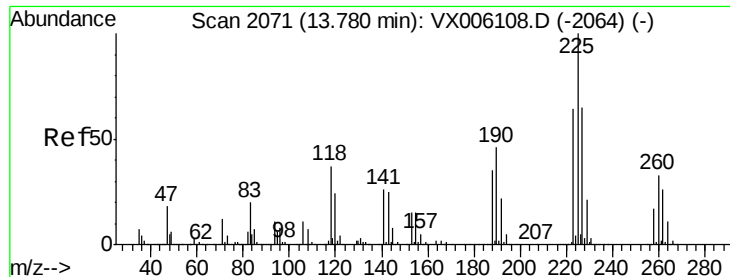
MMDadoda
 11/26/2018 9:48:58 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 50.701 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.2	144.6
145	28.4	14.1	42.2





#94

Hexachlorobutadiene

Concen: 47.564 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Instrument :

MSVOA_X

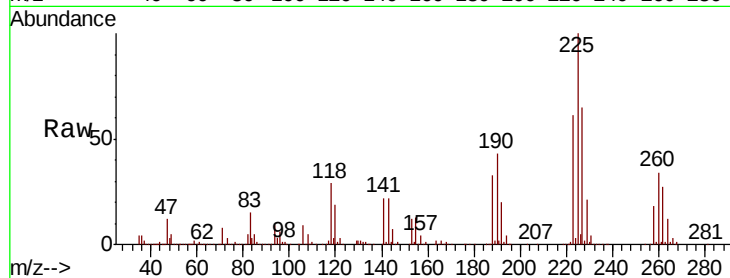
ClientSampleId :

EP2-MW-101MS

Tot Ion:	225	Resp:	112028
Ion Ratio		Lower	Upper
225	100		
223	62.5	31.2	93.6
227	64.1	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:48:58 AM

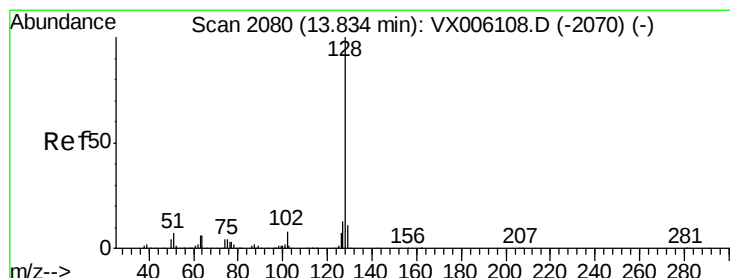
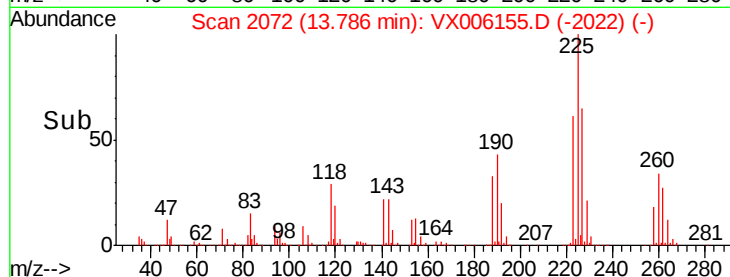
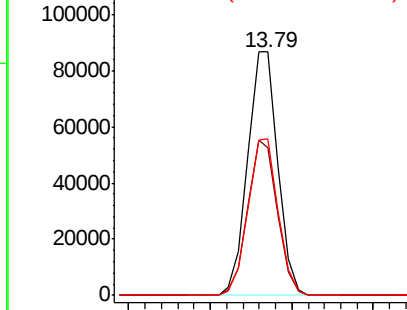


Abundance

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: 54.231 ug/l

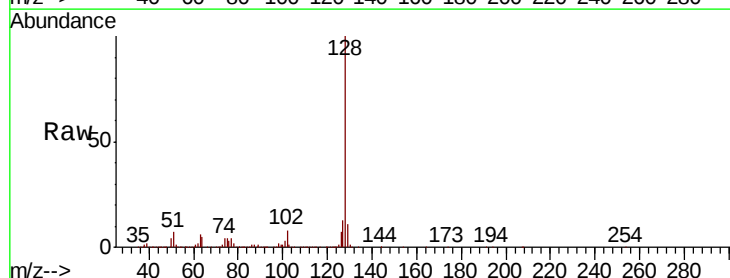
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006155.D

Acq: 22 Nov 2018 06:16

Tgt Ion:	128	Resp:	770669
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2

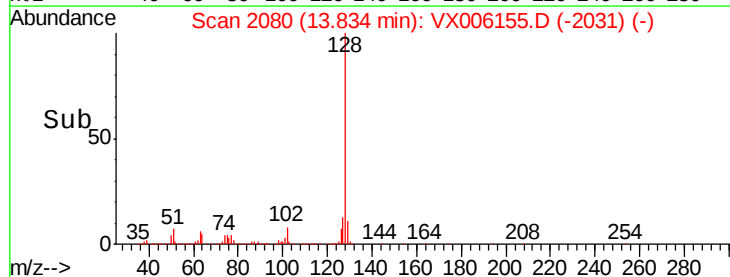
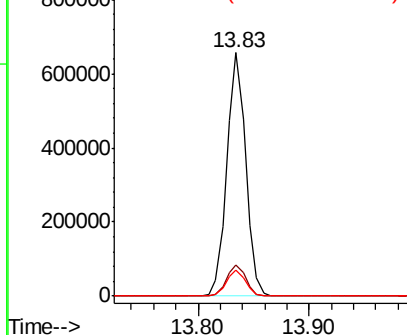


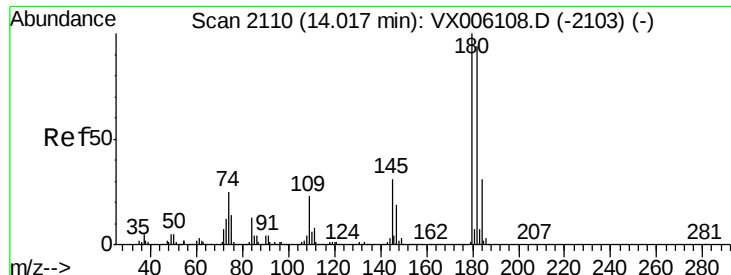
Abundance

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: 51.711 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX006155.D
 Acq: 22 Nov 2018 06:16

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	254776		
182	95.8		47.5	142.5
145	29.8		15.0	45.0

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:58 AM

