

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006226.D
 Acq On : 30 Nov 2018 13:23
 Operator : JC/MD
 Sample : VX1130MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:35 AM

Quant Time: Nov 30 23:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	805084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1206051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1088442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	563879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	398300	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	5.50	113	380660	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	1369288	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.13	95	514665	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	159534	20.238	ug/l	97
3) Chloromethane	1.33	50	161395	19.924	ug/l	98
4) Vinyl Chloride	1.41	62	178297	20.451	ug/l	99
5) Bromomethane	1.64	94	117443	19.437	ug/l	97
6) Chloroethane	1.73	64	110949	20.755	ug/l	100
7) Trichlorofluoromethane	1.93	101	258887	19.344	ug/l	100
8) Diethyl Ether	2.19	74	97607	19.271	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145773	19.156	ug/l	99
10) Methyl Iodide	2.51	142	213932	18.654	ug/l	99
11) Tert butyl alcohol	3.06	59	217822	96.913	ug/l	98
12) 1,1-Dichloroethene	2.38	96	140180	19.243	ug/l	95
13) Acrolein	2.29	56	112124	91.272	ug/l	98
14) Allyl chloride	2.73	41	282566	19.635	ug/l	98
15) Acrylonitrile	3.15	53	447567	95.426	ug/l	100
16) Acetone	2.45	43	380437	98.637	ug/l	99
17) Carbon Disulfide	2.57	76	430999	19.200	ug/l	99
18) Methyl Acetate	2.78	43	248975	19.303	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	500082	19.243	ug/l	99
20) Methylene Chloride	2.86	84	156868	19.110	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	148939	19.185	ug/l	97
22) Diisopropyl ether	3.87	45	442005	19.664	ug/l	94
23) Vinyl Acetate	3.82	43	1875558	97.831	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262835	20.458	ug/l	99
25) 2-Butanone	4.70	43	534648	97.150	ug/l	98
26) 2,2-Dichloropropane	4.59	77	218157	18.399	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	171508	19.806	ug/l	98
28) Bromochloromethane	5.02	49	110407	19.674	ug/l	98
29) Tetrahydrofuran	5.15	42	362789	94.852	ug/l	98
30) Chloroform	5.22	83	265698	19.680	ug/l	99
31) Cyclohexane	5.58	56	225878	19.024	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	248495	19.344	ug/l	98
36) 1,1-Dichloropropene	5.80	75	192495	18.953	ug/l	100
37) Ethyl Acetate	4.85	43	209579	18.427	ug/l	98
38) Carbon Tetrachloride	5.78	117	231356	19.364	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006226.D
 Acq On : 30 Nov 2018 13:23
 Operator : JC/MD
 Sample : VX1130MBS01
 Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1130MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:35 AM

Quant Time: Nov 30 23:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246326	18.685	ug/l	98
40) Benzene	6.14	78	592800	19.488	ug/l	99
41) Methacrylonitrile	5.06	41	114596	18.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	193626	19.449	ug/l	100
43) Isopropyl Acetate	6.46	43	351949	18.560	ug/l	99
44) Trichloroethene	7.21	130	178499	19.370	ug/l	96
45) 1,2-Dichloropropane	7.52	63	147595	19.091	ug/l	96
46) Dibromomethane	7.66	93	107276	19.213	ug/l	99
47) Bromodichloromethane	7.90	83	206655	19.112	ug/l	97
48) Methyl methacrylate	7.77	41	173768	18.836	ug/l	99
49) 1,4-Dioxane	7.75	88	88635	389.825	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1056298	95.686	ug/l	99
52) Toluene	8.79	92	386716	19.324	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	238106	18.830	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	246386	18.764	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	160233	19.708	ug/l	98
56) Ethyl methacrylate	9.18	69	246079	19.361	ug/l	99
57) 1,3-Dichloropropane	9.37	76	250271	19.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	624876	96.884	ug/l	100
59) 2-Hexanone	9.49	43	811863	96.261	ug/l	100
60) Dibromochloromethane	9.59	129	194351	19.386	ug/l	100
61) 1,2-Dibromoethane	9.67	107	176866	19.456	ug/l	98
64) Tetrachloroethene	9.34	164	516442	63.004	ug/l	98
65) Chlorobenzene	10.14	112	449017	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	174473	19.435	ug/l	99
67) Ethyl Benzene	10.25	91	735803	19.147	ug/l	99
68) m/p-Xylenes	10.36	106	594548	38.624	ug/l	99
69) o-Xylene	10.70	106	291117	19.146	ug/l	99
70) Styrene	10.71	104	473616	19.259	ug/l	98
71) Bromoform	10.86	173	163424	19.285	ug/l	99
73) Isopropylbenzene	11.02	105	770275	19.781	ug/l	100
74) N-amyl acetate	10.90	43	325757	19.426	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	245565	19.711	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194445m	17.866	ug/l	
77) Bromobenzene	11.26	156	212150	19.631	ug/l	100
78) n-propylbenzene	11.36	91	841827	19.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	506043	19.669	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	631075	19.478	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	87606	18.889	ug/l	95
82) 4-Chlorotoluene	11.51	91	581735	19.448	ug/l	99
83) tert-Butylbenzene	11.77	119	678230	19.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	646401	19.321	ug/l	99
85) sec-Butylbenzene	11.94	105	769773	19.573	ug/l	100
86) p-Isopropyltoluene	12.06	119	676963	19.116	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	373138	19.405	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	370812	18.999	ug/l	98
89) n-Butylbenzene	12.39	91	553694	18.325	ug/l	100
90) Hexachloroethane	12.60	117	141685	19.631	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	370833	19.431	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60652	18.992	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006226.D
Acq On : 30 Nov 2018 13:23
Operator : JC/MD
Sample : VX1130MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

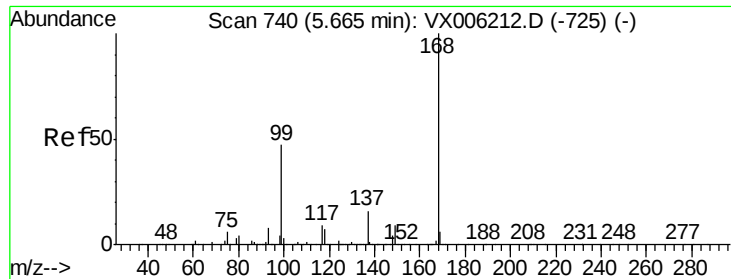
Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM

Quant Time: Nov 30 23:28:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	259261	18.621	ug/l	99
94) Hexachlorobutadiene	13.79	225	123261	20.018	ug/l	99
95) Naphthalene	13.83	128	835994	19.303	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	258277	18.729	ug/l	99

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



#1

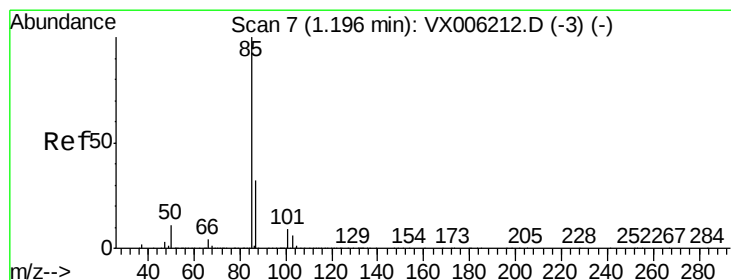
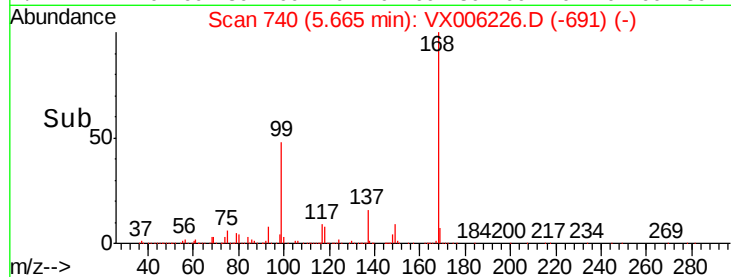
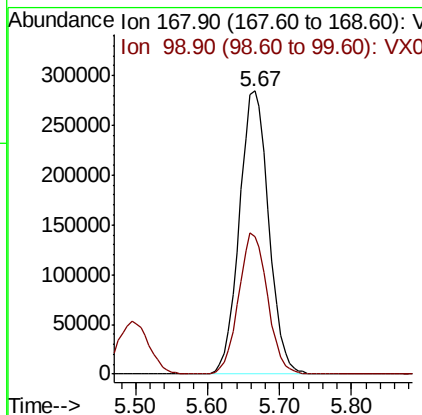
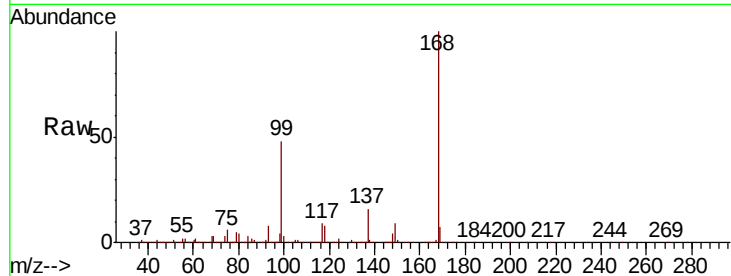
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.2	37.8	56.8

Manual Integrations
APPROVED

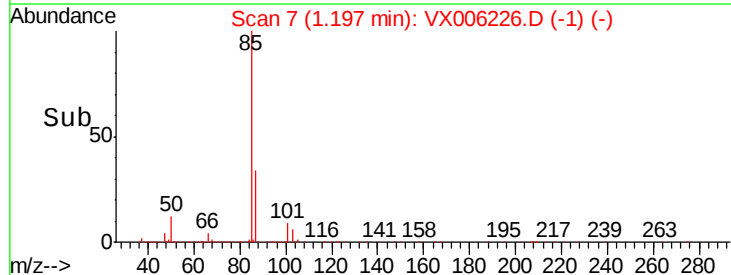
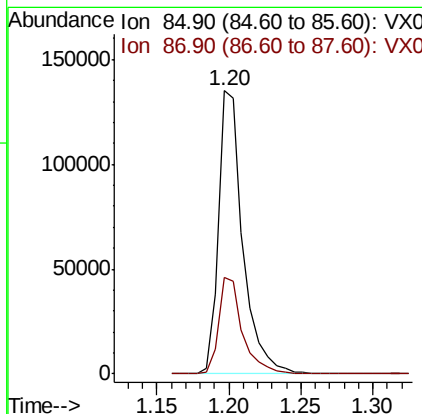
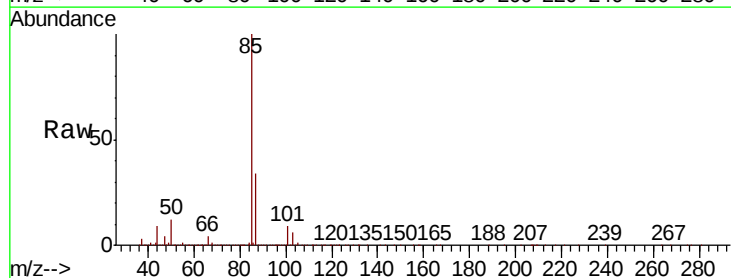
MMDadoda
12/3/2018 11:59:35 AM

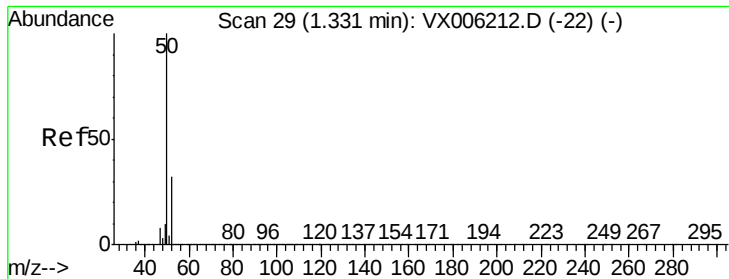


#2

Dichlorodifluoromethane
Concen: 20.238 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.1	48.2





#3

Chloromethane

Concen: 19.924 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 50 Resp: 161395

Ion Ratio Lower Upper

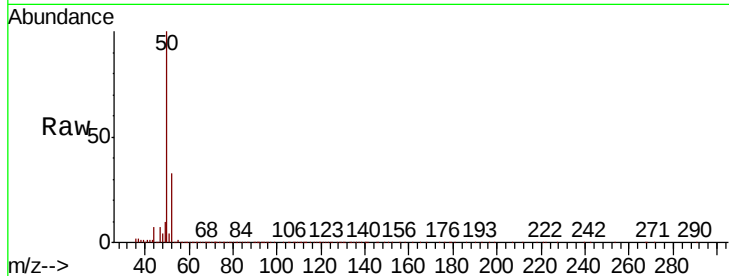
50 100

52 32.8 25.2 37.8

Manual Integrations
APPROVED

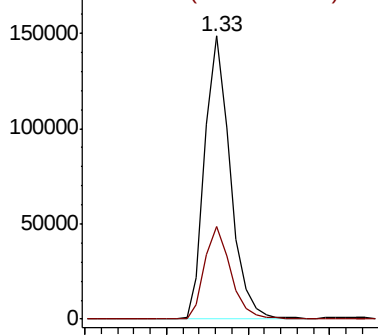
MMDadoda

12/3/2018 11:59:35 AM

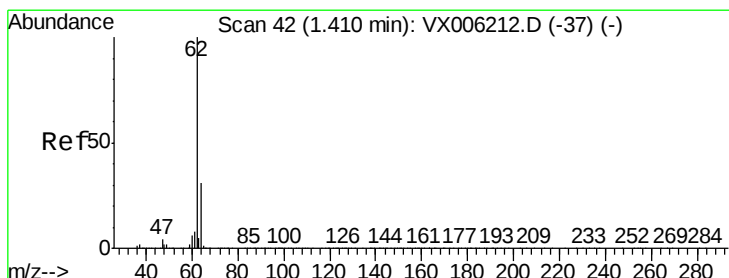
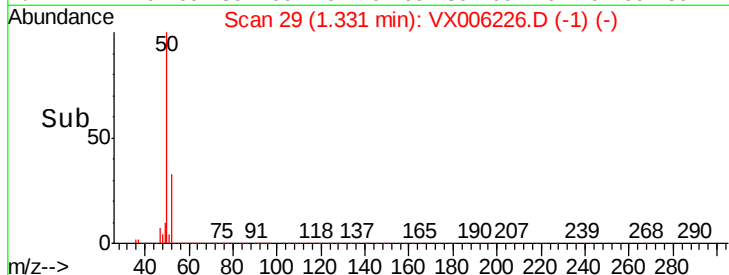


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 20.451 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006226.D

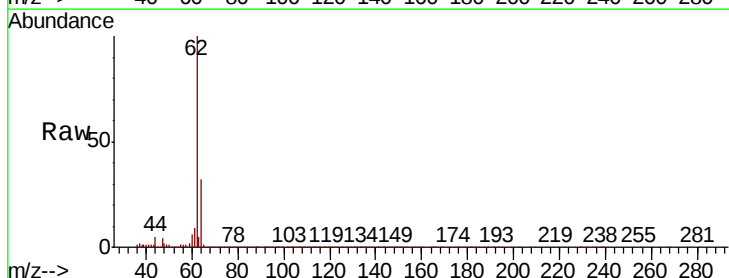
Acq: 30 Nov 2018 13:23

Tgt Ion: 62 Resp: 178297

Ion Ratio Lower Upper

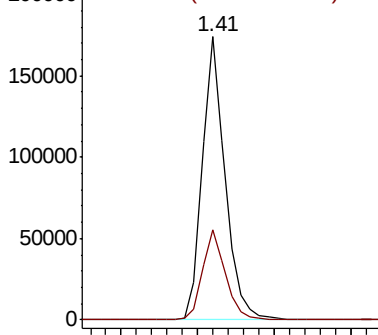
62 100

64 31.5 24.9 37.3

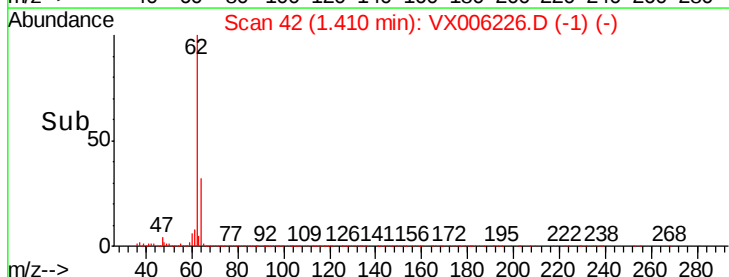


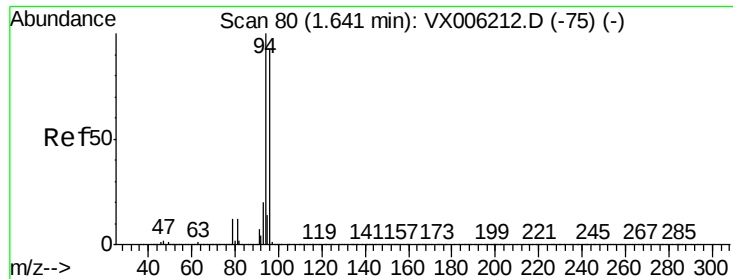
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 19.437 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 94 Resp: 117443

Ion Ratio Lower Upper

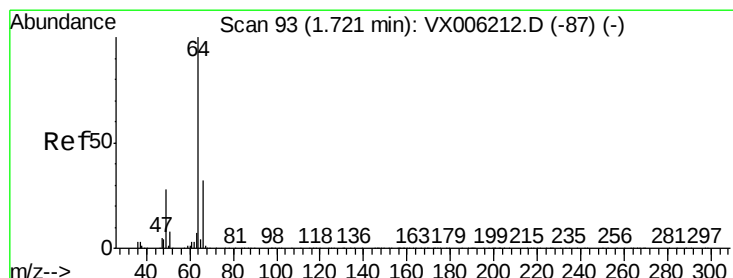
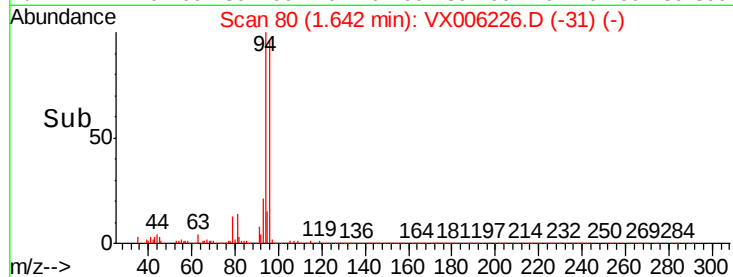
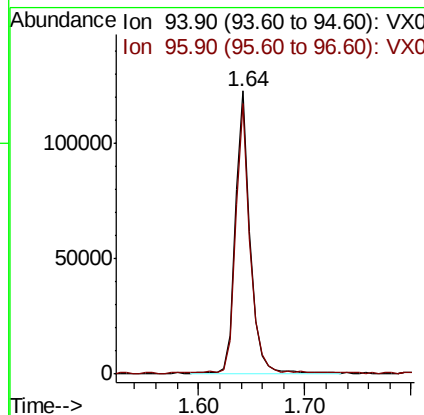
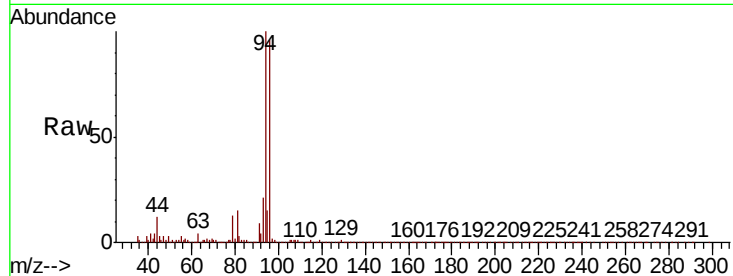
94 100

96 95.5 74.5 111.7

Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#6

Chloroethane

Concen: 20.755 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006226.D

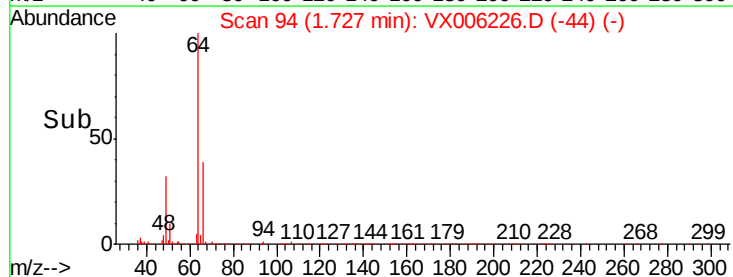
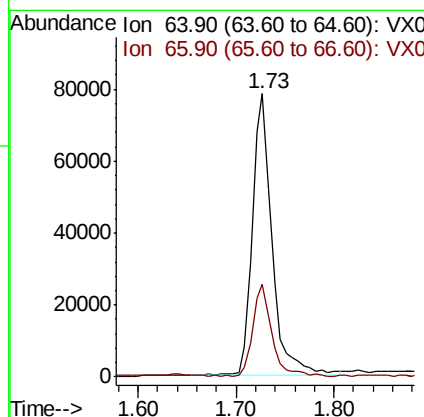
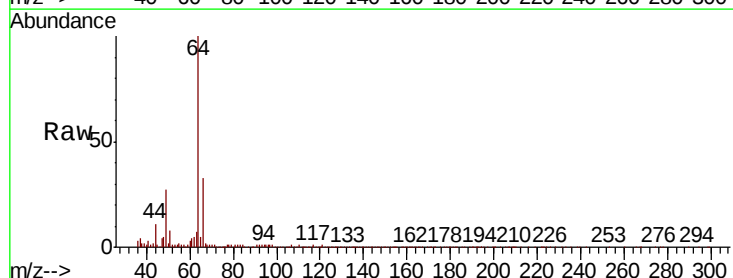
Acq: 30 Nov 2018 13:23

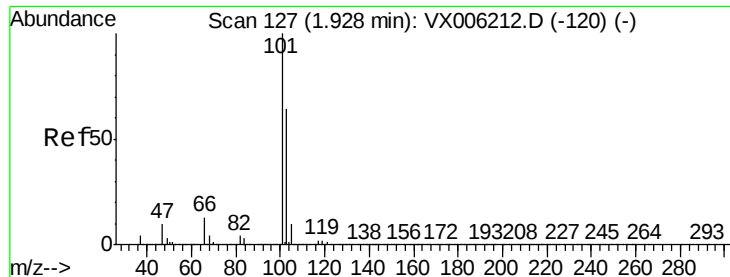
Tgt Ion: 64 Resp: 110949

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

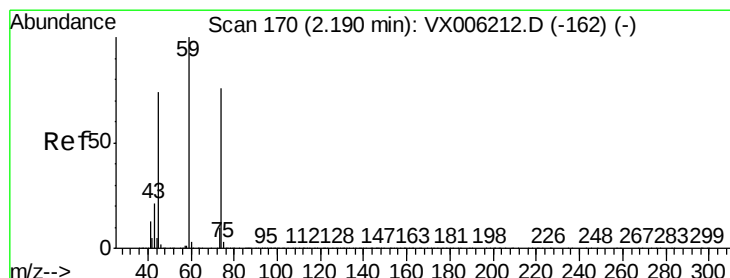
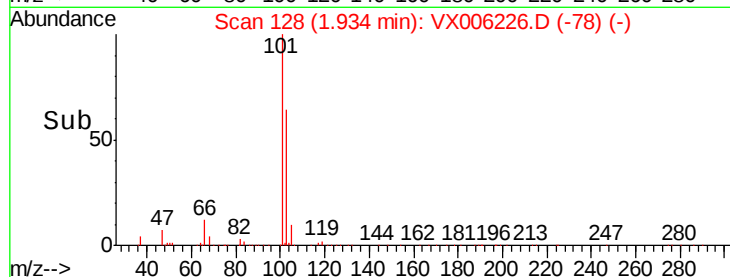
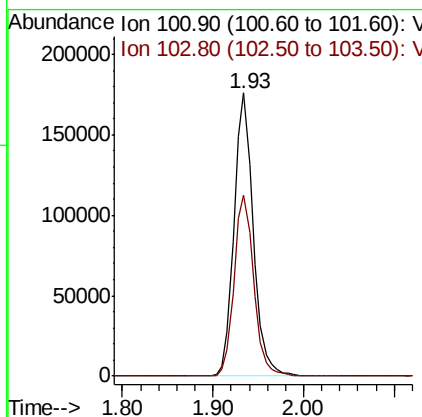
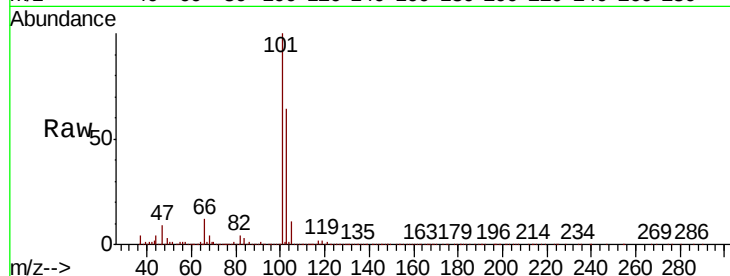
Trichlorofluoromethane
Concen: 19.344 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.4

Manual Integrations
APPROVED

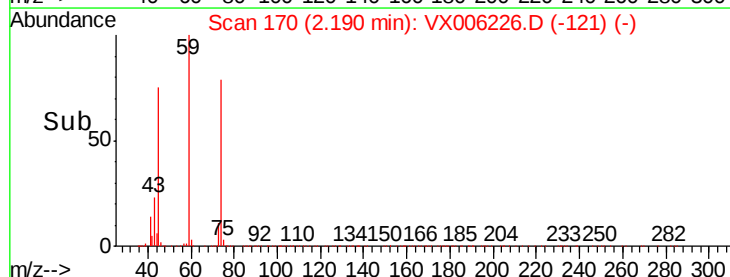
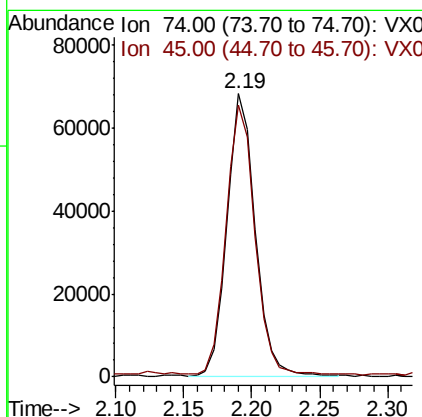
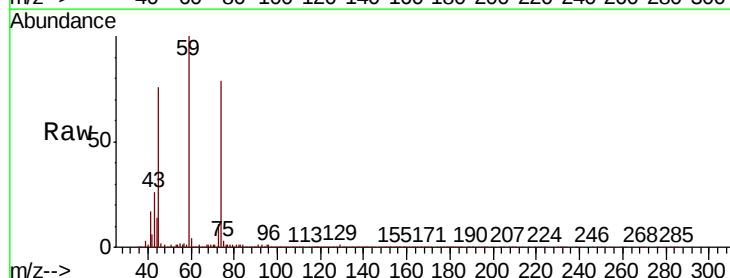
MMDadoda
12/3/2018 11:59:35 AM

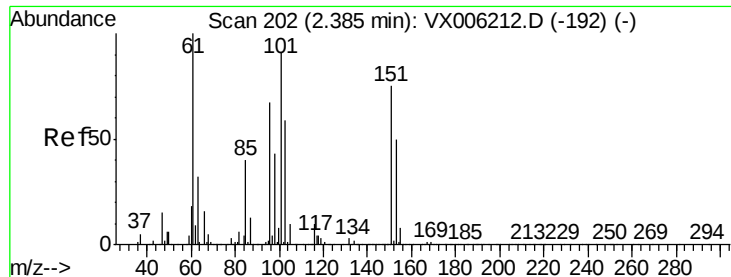


#8

Diethyl Ether
Concen: 19.271 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.156 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

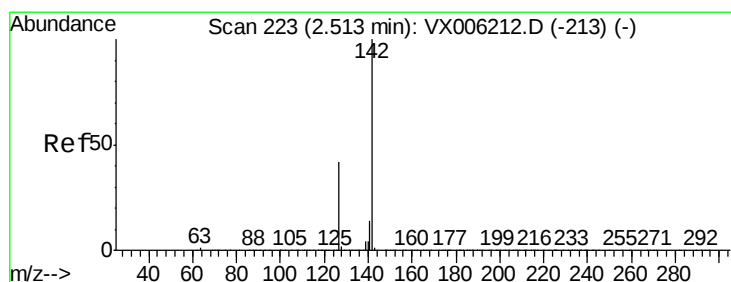
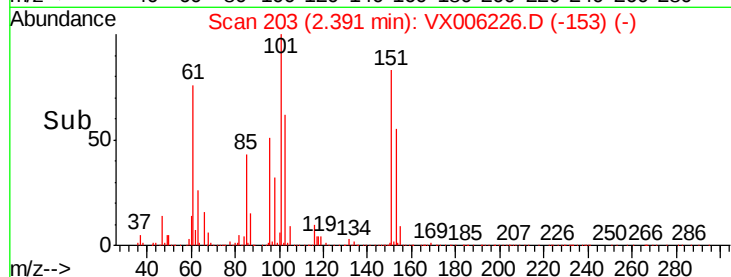
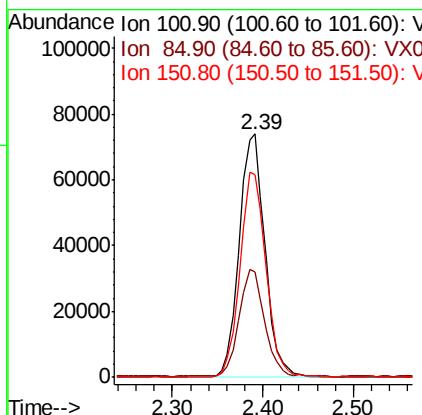
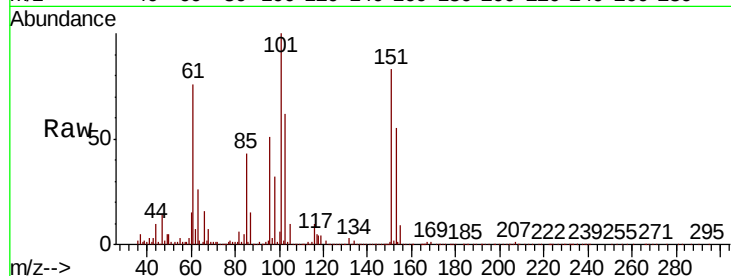
ClientSampleId :

VX1130MBS01

Tot Ion:	101	Resp:	145773
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.5	53.3
151	84.4	68.6	103.0

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#10

Methyl Iodide

Concen: 18.654 ug/l

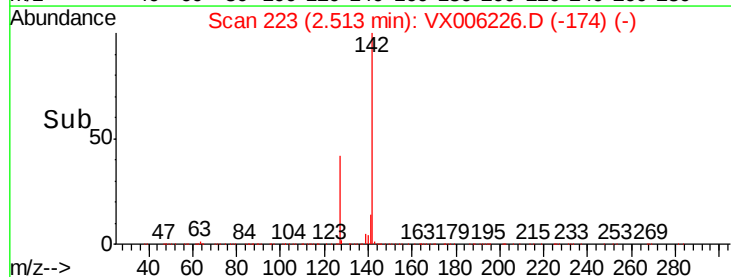
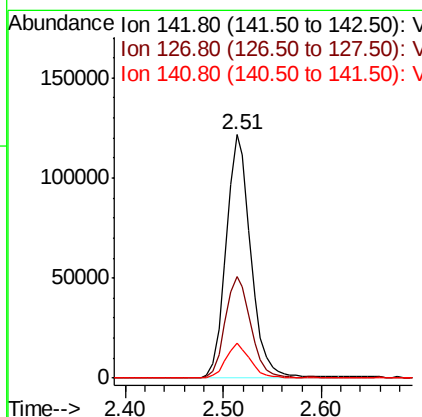
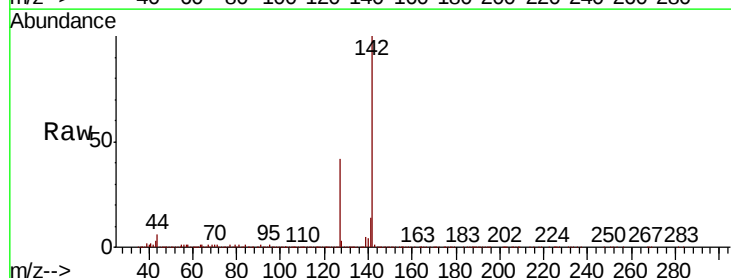
RT: 2.51 min Scan# 223

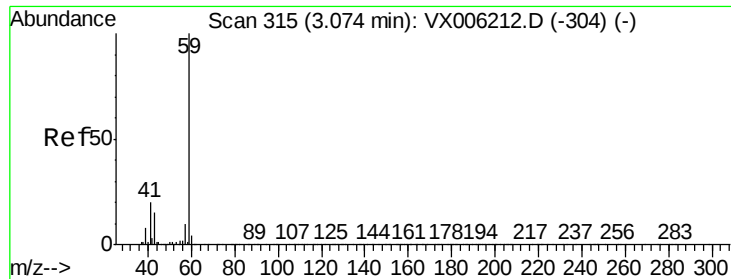
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	142	Resp:	213932
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.8	52.2
141	13.8	11.4	17.2





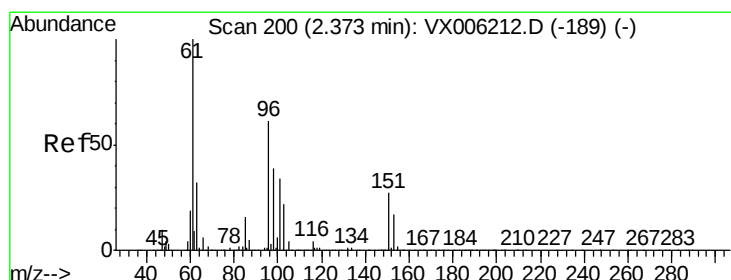
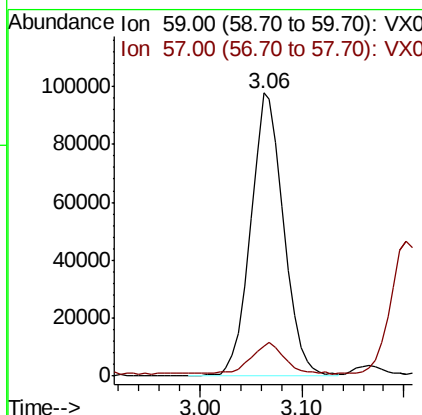
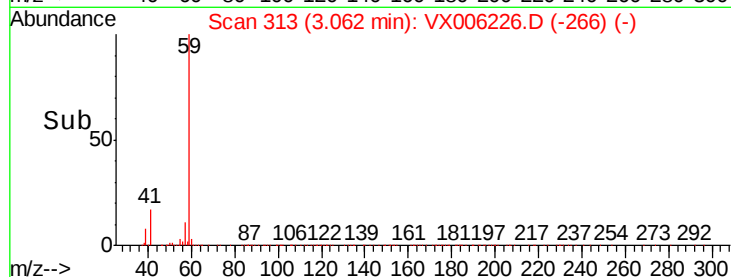
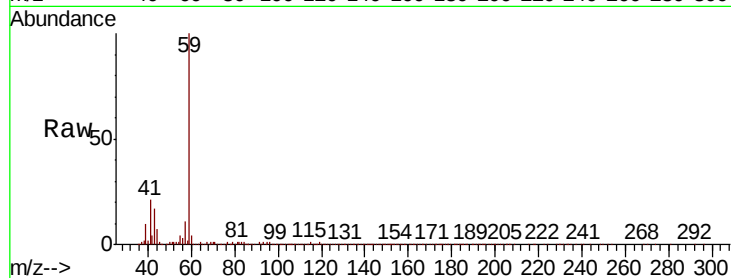
#11
Tert butyl alcohol
Concen: 96.913 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.2

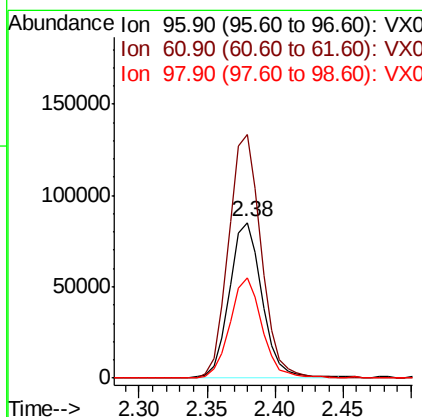
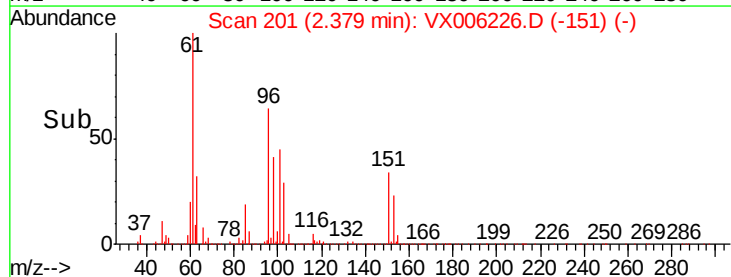
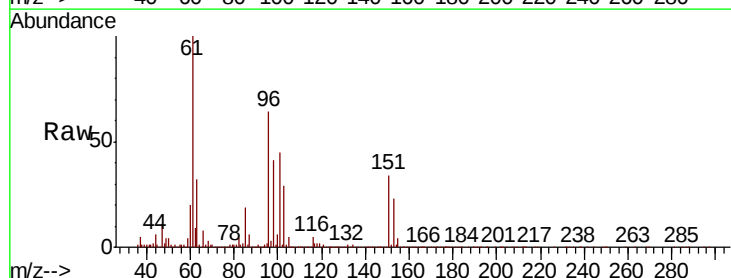
Manual Integrations
APPROVED

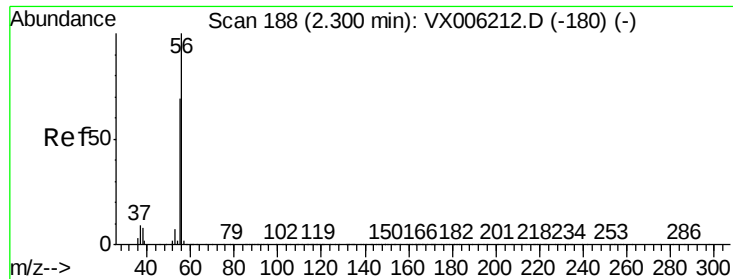
MMDadoda
12/3/2018 11:59:35 AM



#12
1,1-Dichloroethene
Concen: 19.243 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	131.7	197.5
98	64.1	51.8	77.6





#13

Acrolein

Concen: 91.272 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 56 Resp: 112124

Ion Ratio Lower Upper

56 100

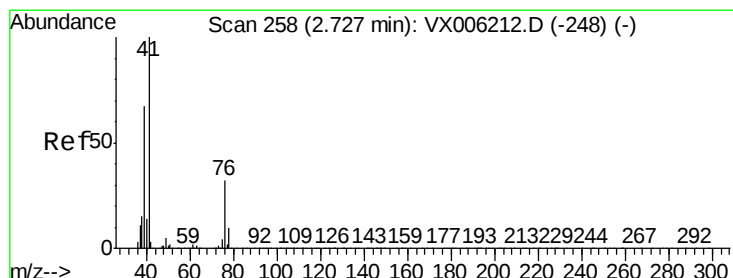
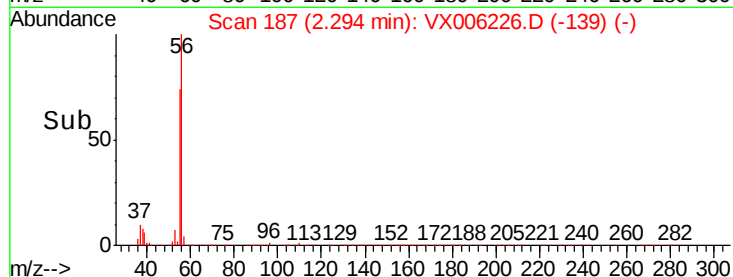
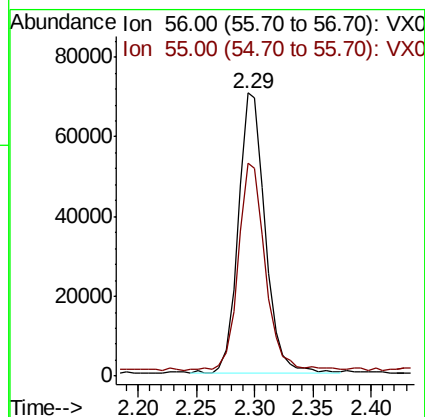
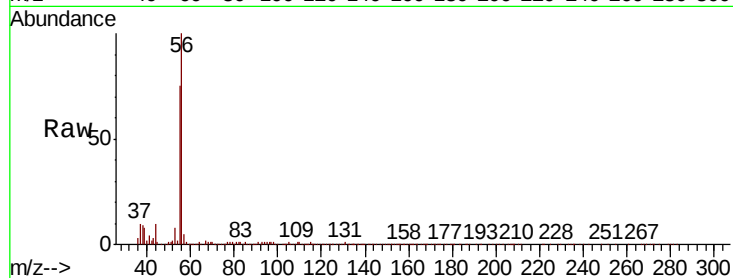
55 73.8 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#14

Allyl chloride

Concen: 19.635 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

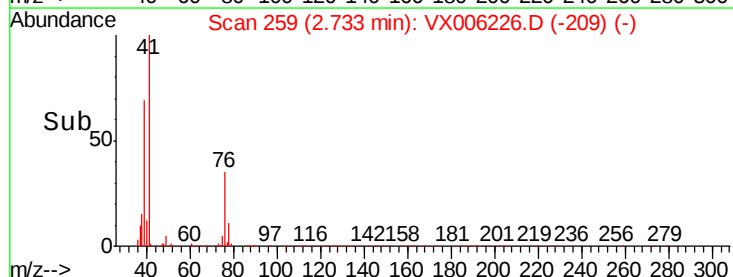
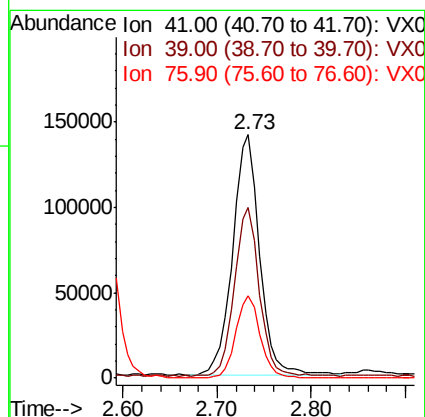
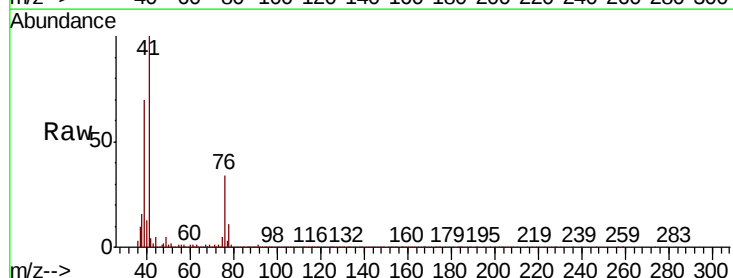
Tgt Ion: 41 Resp: 282566

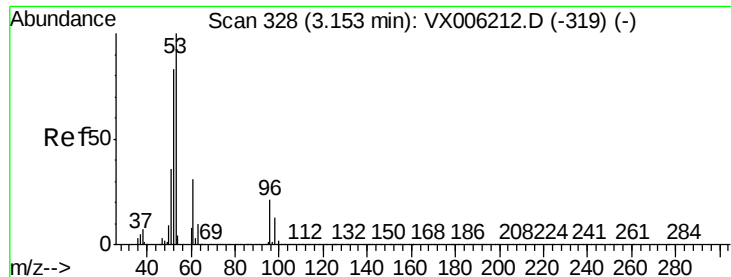
Ion Ratio Lower Upper

41 100

39 64.1 52.4 78.6

76 30.2 25.4 38.0





#15

Acrylonitrile

Concen: 95.426 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

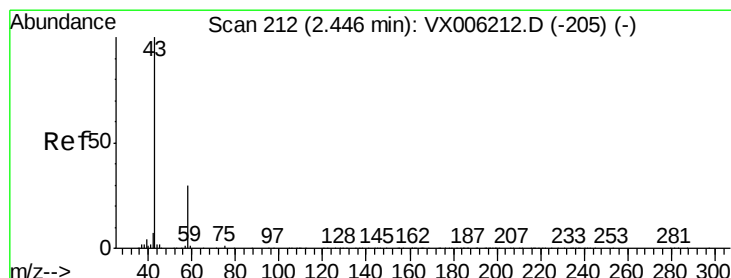
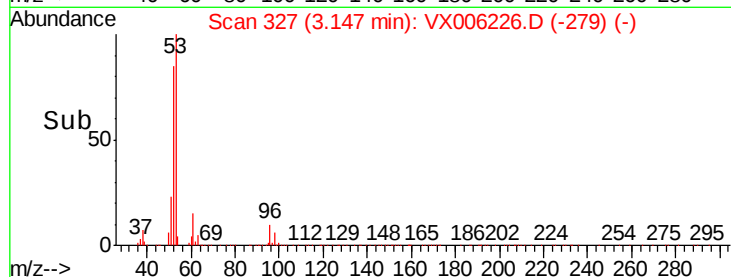
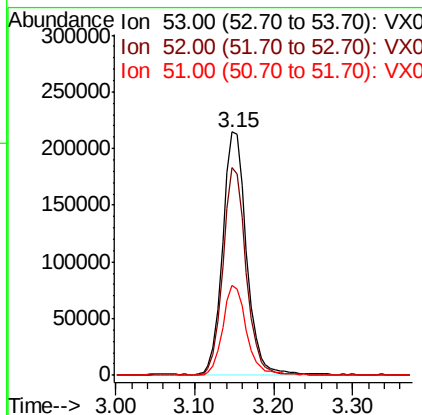
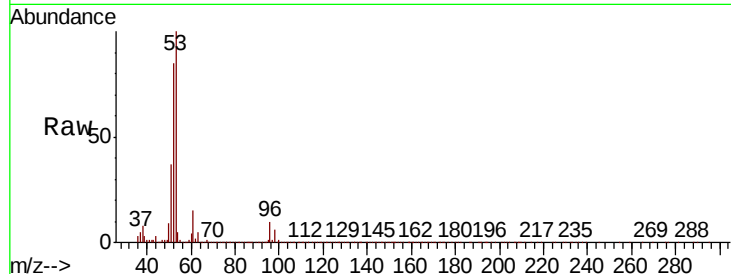
ClientSampleId :

VX1130MBS01

Tot Ion:	53	Resp:	447567
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.2	99.4
51	36.7	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#16

Acetone

Concen: 98.637 ug/l

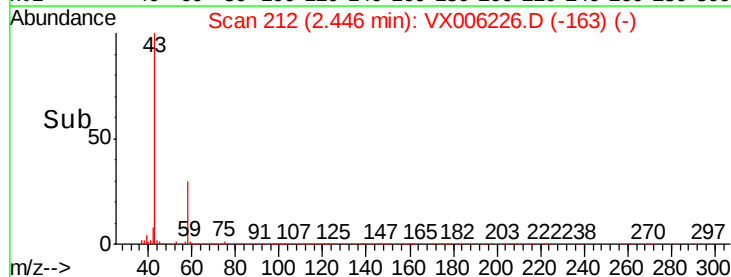
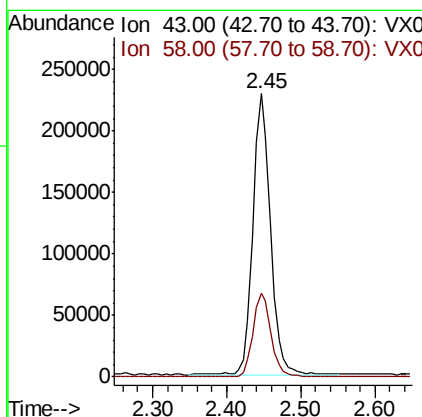
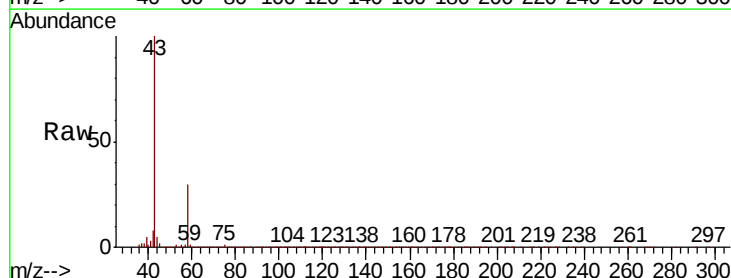
RT: 2.45 min Scan# 212

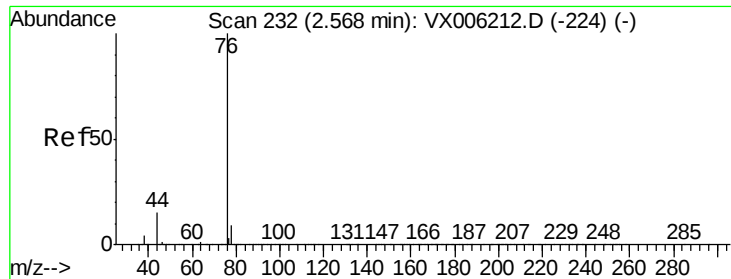
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	43	Resp:	380437
Ion Ratio		Lower	Upper
43	100		
58	29.7	24.0	36.0





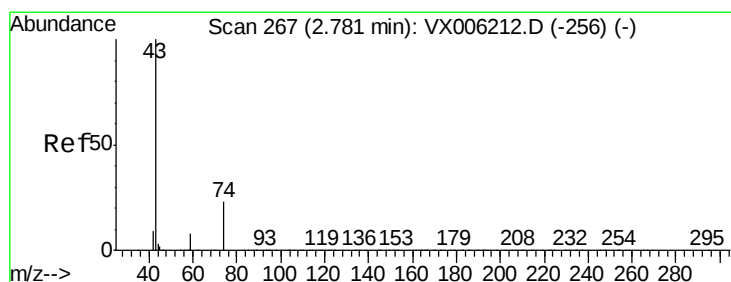
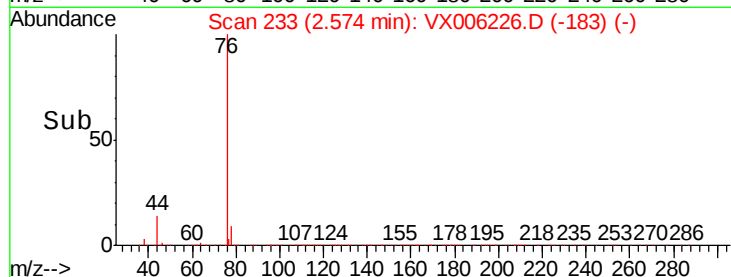
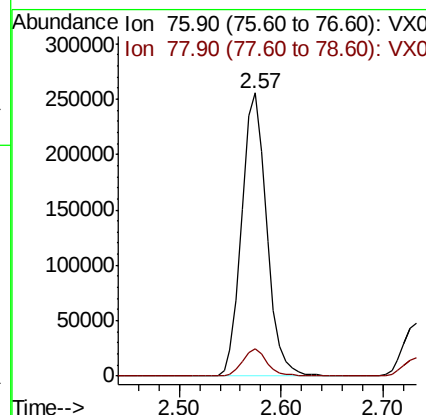
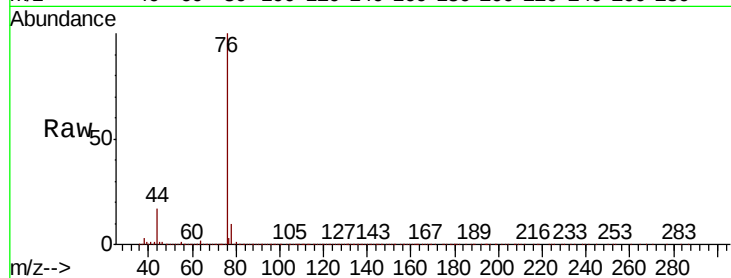
#17
Carbon Disulfide
Concen: 19.200 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

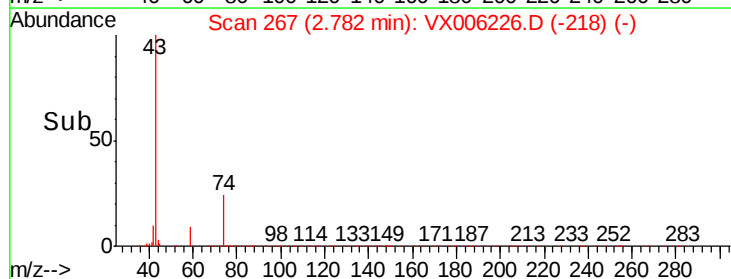
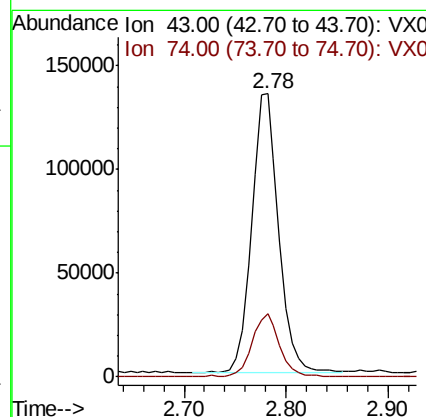
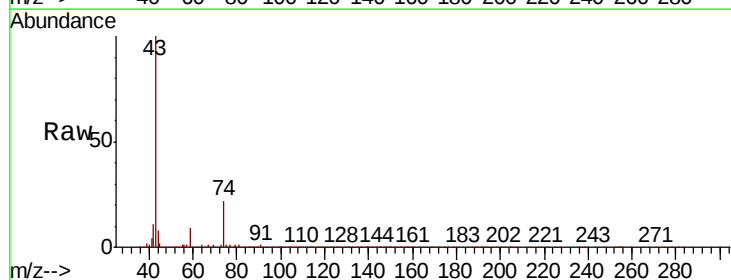
Manual Integrations
APPROVED

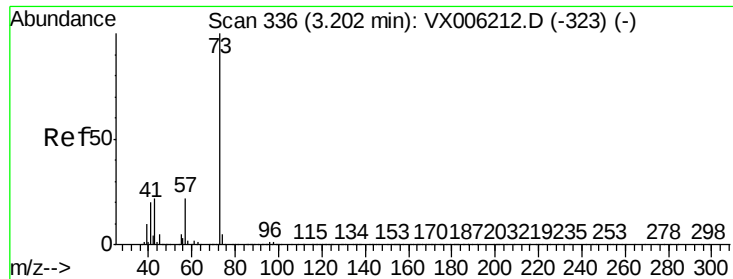
MMDadoda
12/3/2018 11:59:35 AM



#18
Methyl Acetate
Concen: 19.303 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.9	26.9





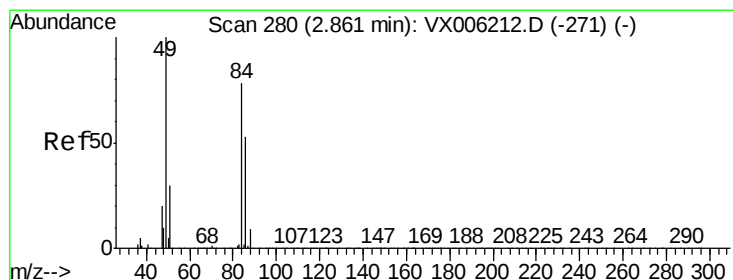
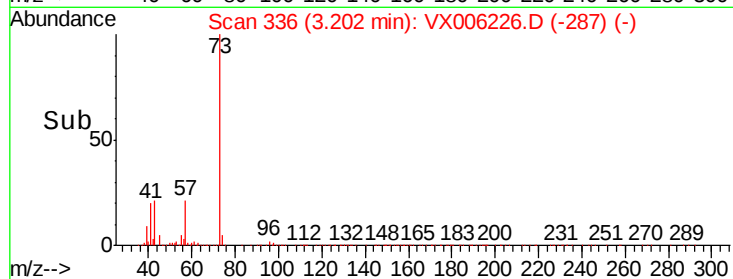
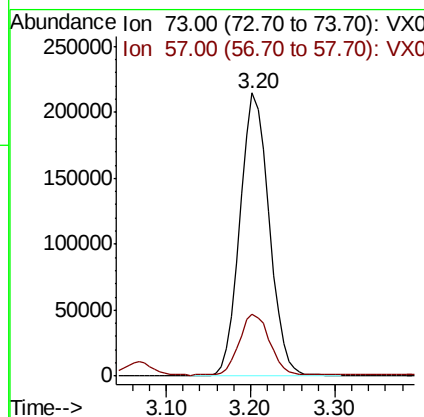
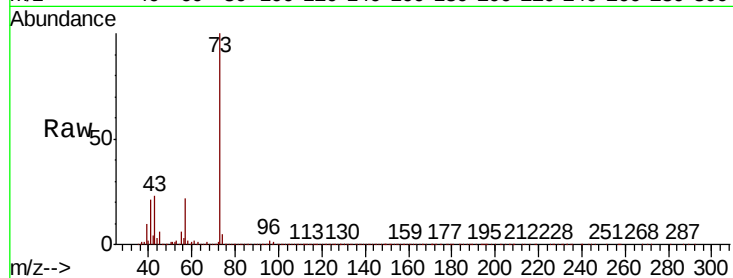
#19
Methvl tert-butvl Ether
Concen: 19.243 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.5	26.3

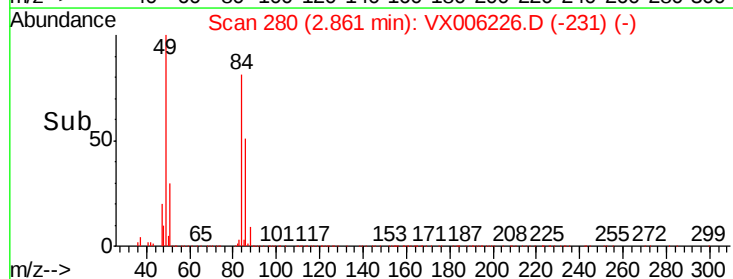
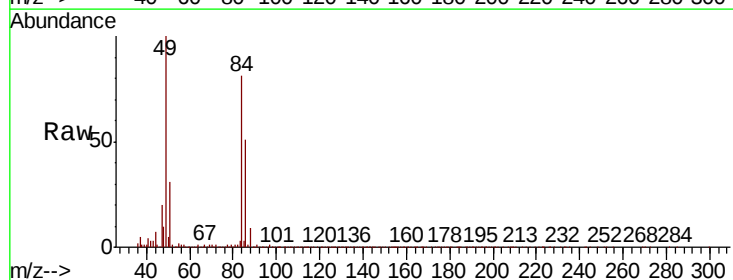
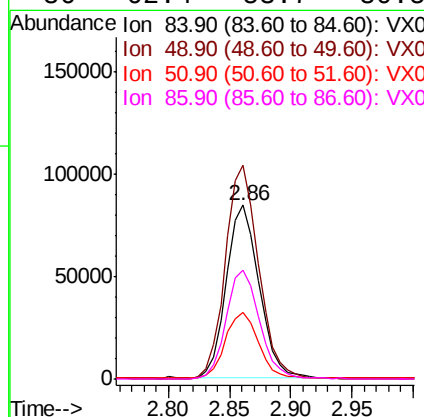
Manual Integrations
APPROVED

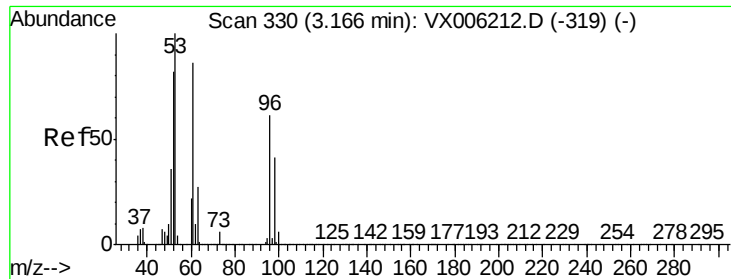
MMDadoda
12/3/2018 11:59:35 AM



#20
Methylene Chloride
Concen: 19.110 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	102.2	153.4
51	37.8	31.1	46.7
86	62.4	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.185 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

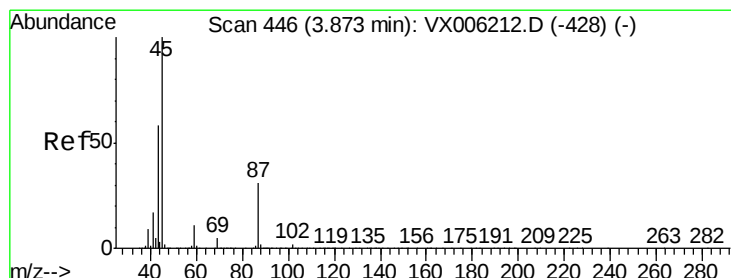
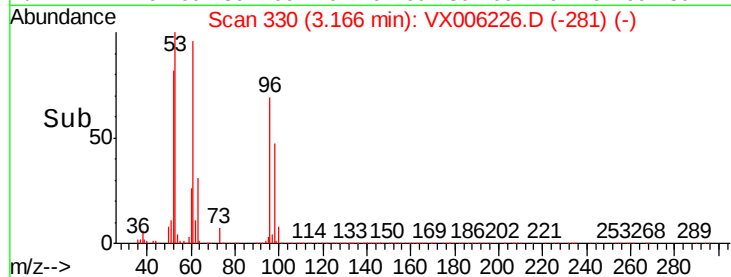
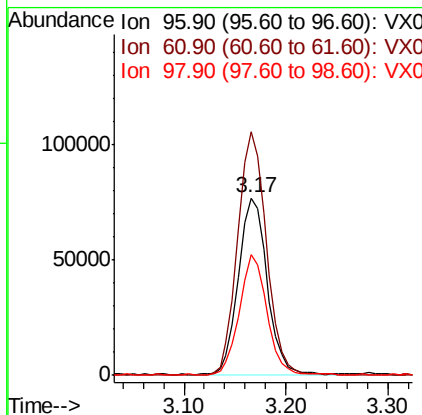
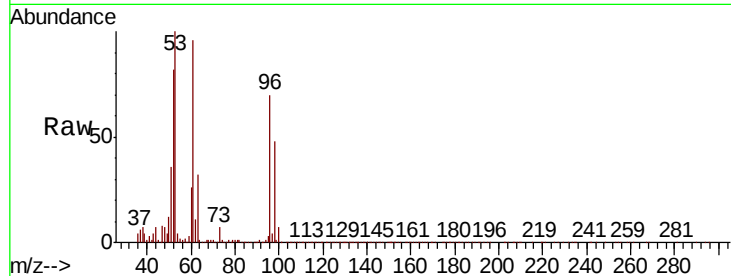
ClientSampleId :

VX1130MBS01

Tot Ion:	96	Resp:	148939
Ion Ratio	Lower	Upper	
96	100		
61	137.7	113.3	169.9
98	68.0	53.2	79.8

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#22

Diisopropyl ether

Concen: 19.664 ug/l

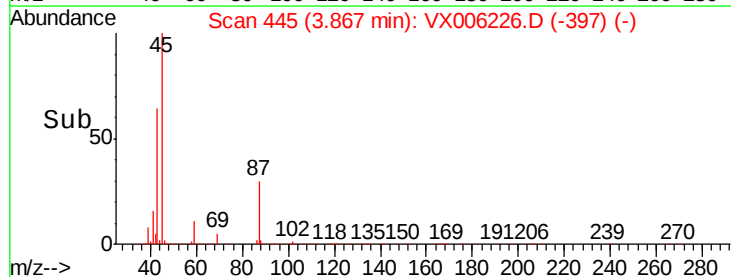
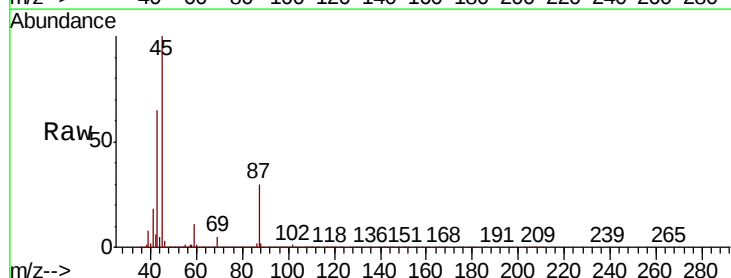
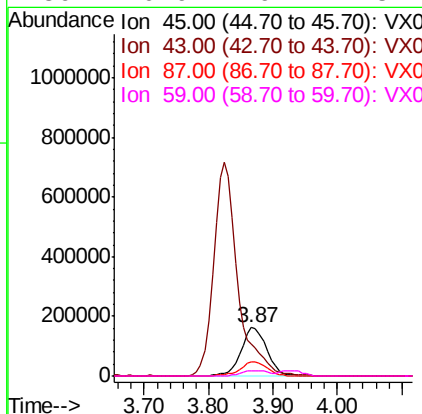
RT: 3.87 min Scan# 445

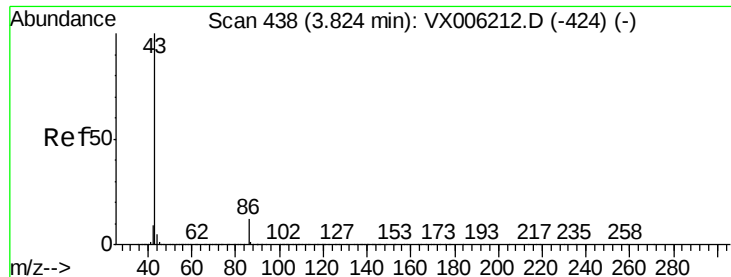
Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	45	Resp:	442005
Ion Ratio	Lower	Upper	
45	100		
43	64.3	46.2	69.2
87	29.9	24.9	37.3
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 97.831 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 43 Resp: 1875558

Ion Ratio Lower Upper

43 100

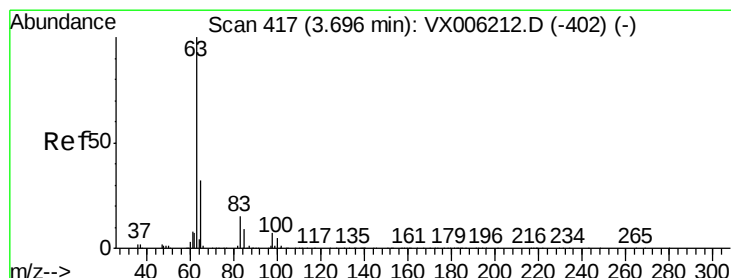
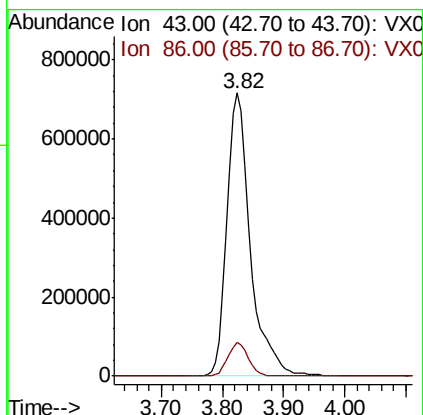
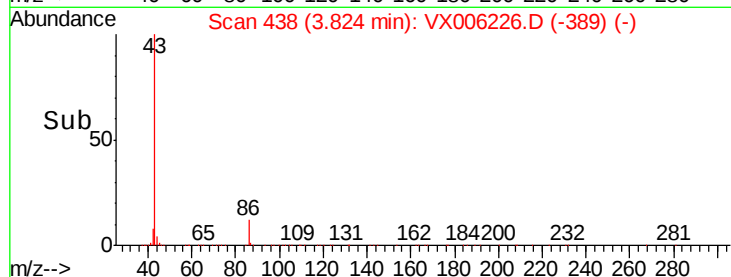
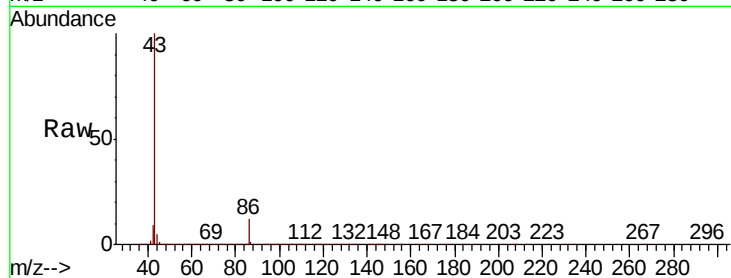
86 11.9 9.4 14.0

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#24

1,1-Dichloroethane

Concen: 20.458 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

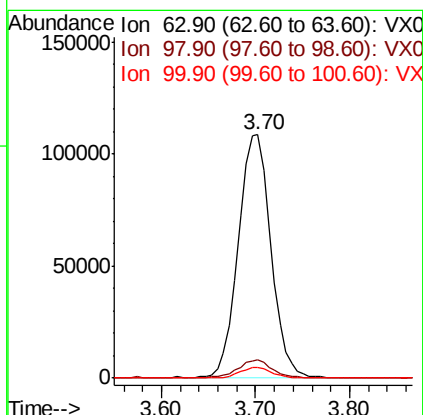
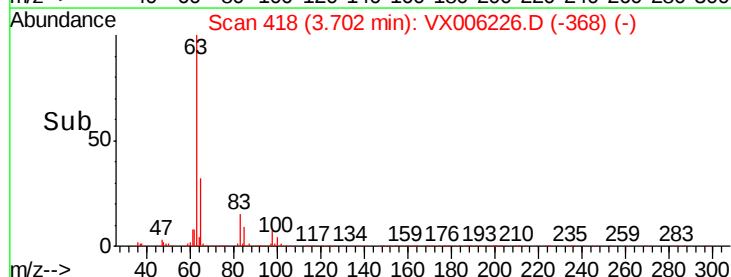
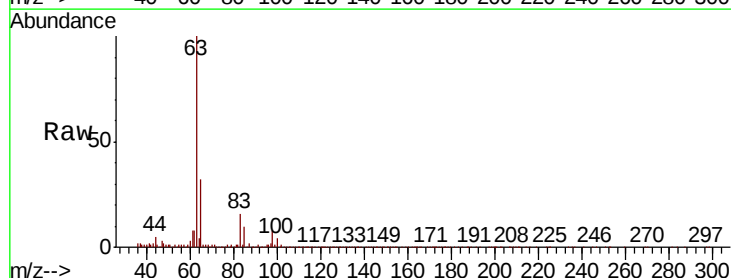
Tgt Ion: 63 Resp: 262835

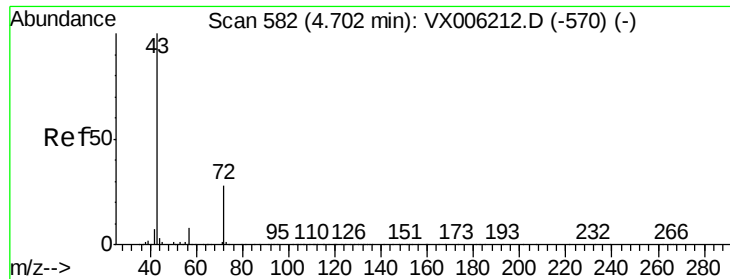
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 97.150 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tot Ion: 43 Resp: 534648

Ion Ratio Lower Upper

43 100

72 27.2 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

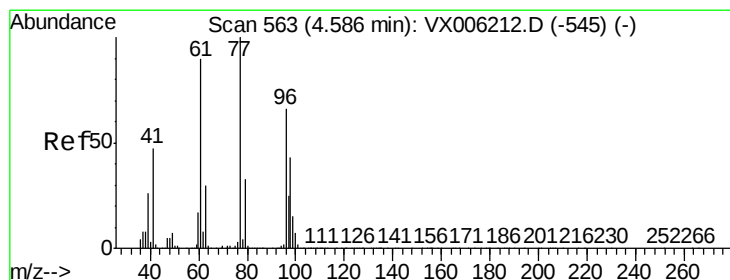
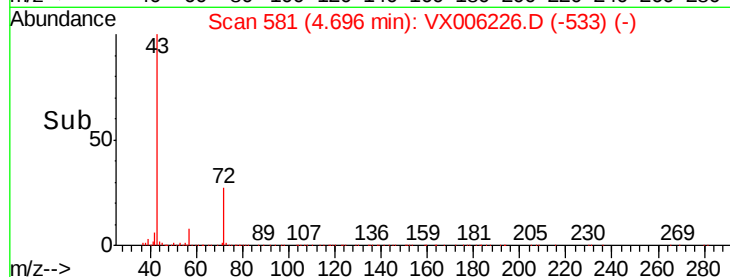
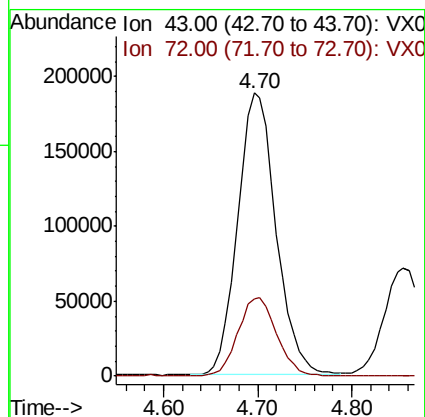
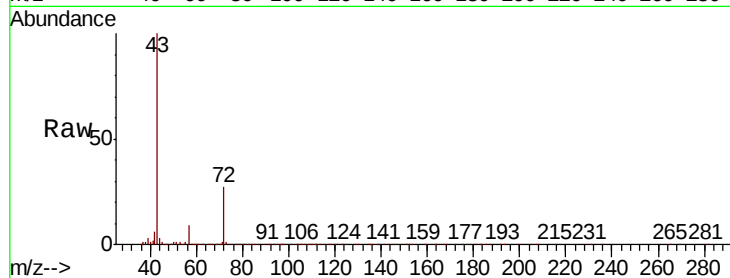
VX1130MBS01

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#26

2,2-Dichloropropane

Concen: 18.399 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006226.D

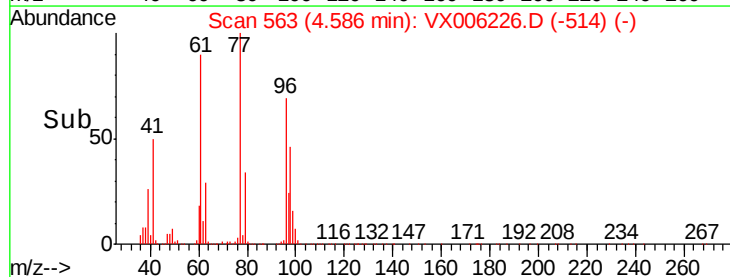
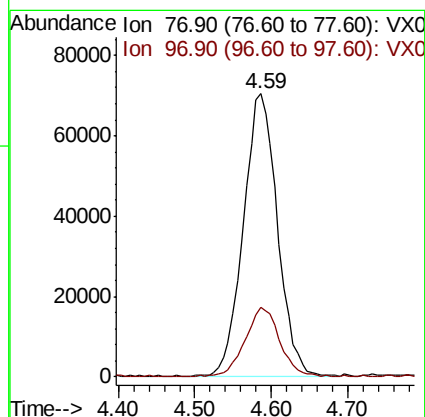
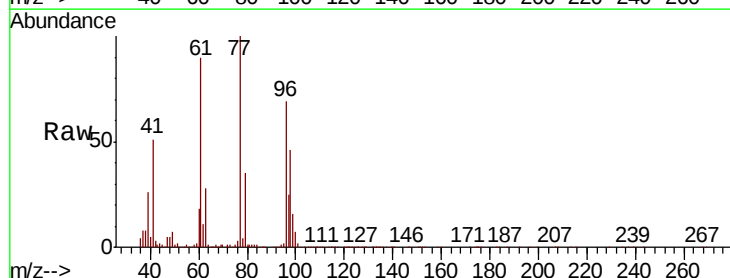
Acq: 30 Nov 2018 13:23

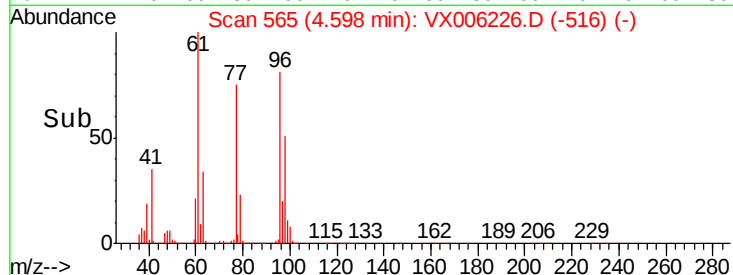
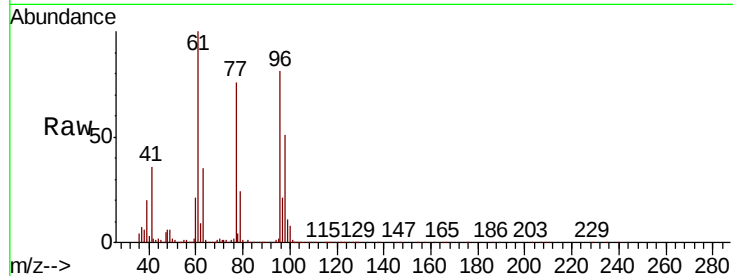
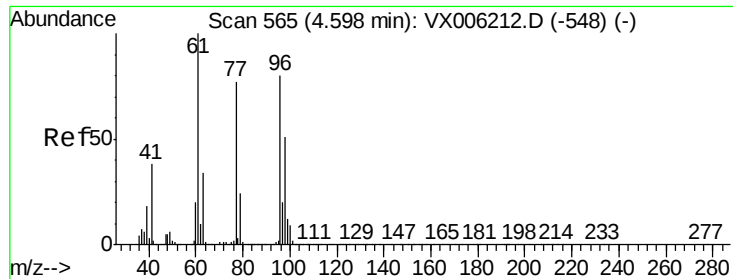
Tgt Ion: 77 Resp: 218157

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8





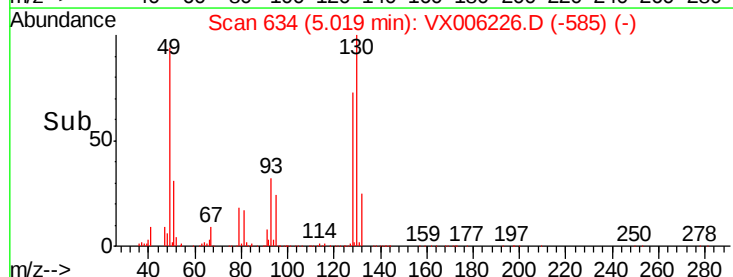
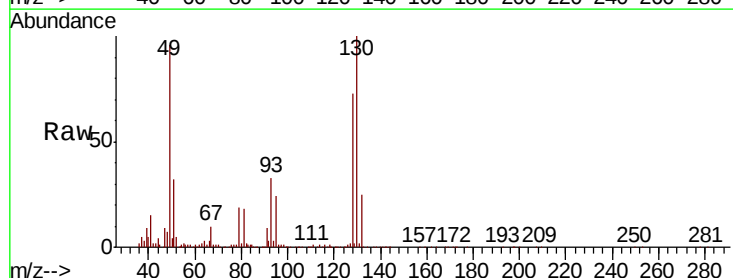
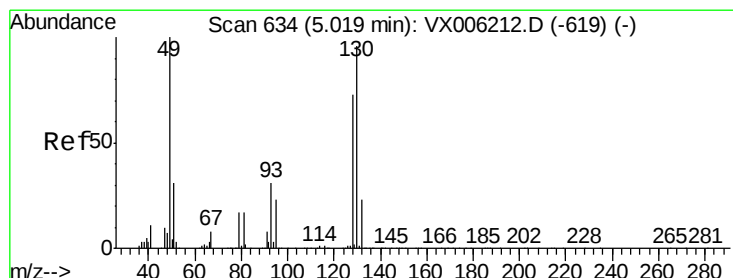
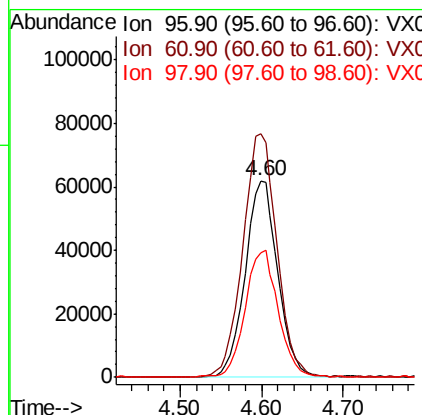
#27
 cis-1,2-Dichloroethene
 Concen: 19.806 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tot Ion	Ratio	Resp	Lower	Upper
96	100	171508		
61	129.1	0.0	265.0	
98	65.0	0.0	130.2	

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

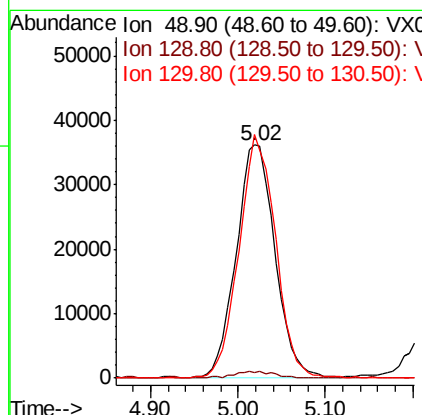
Manual Integrations
 APPROVED

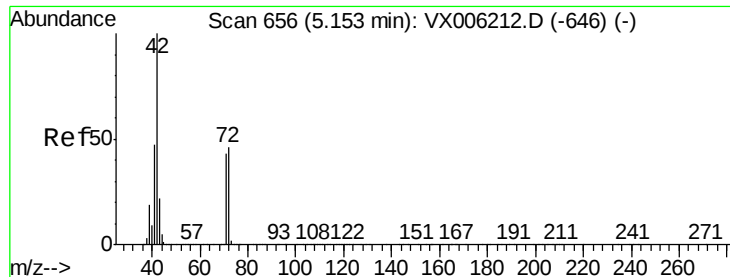
MMDadoda
 12/3/2018 11:59:35 AM



#28
 Bromochloromethane
 Concen: 19.674 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110407		
129	3.1	0.0	5.0	
130	99.6	78.3	117.5	





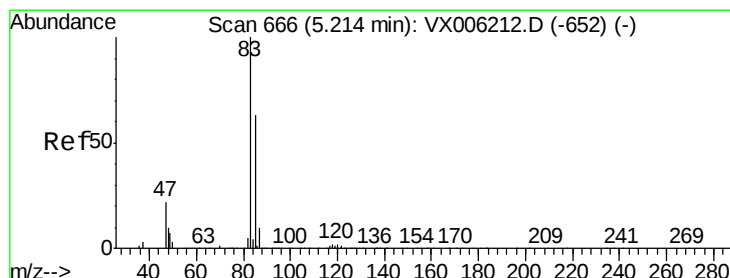
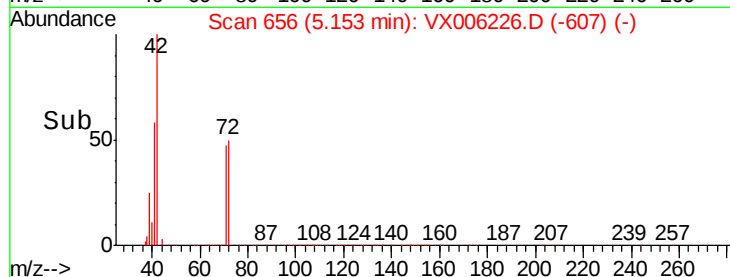
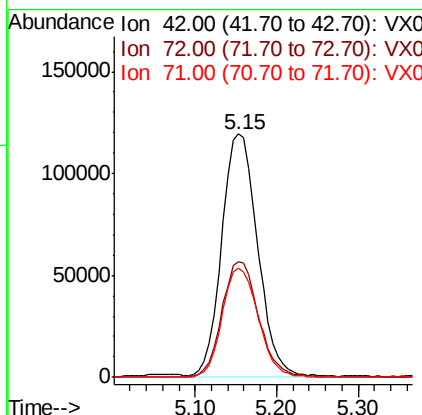
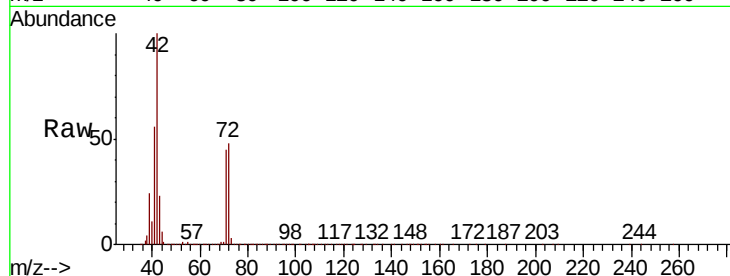
#29
Tetrahydrofuran
Concen: 94.852 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.8	56.8
71	45.0	35.2	52.8

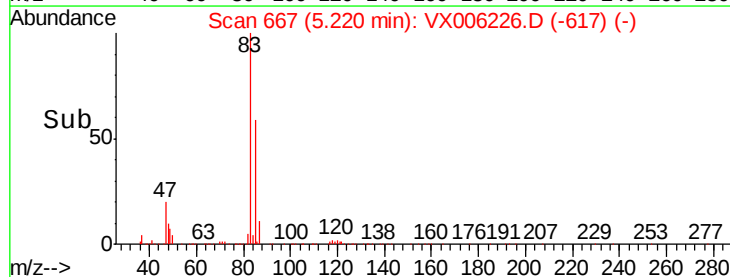
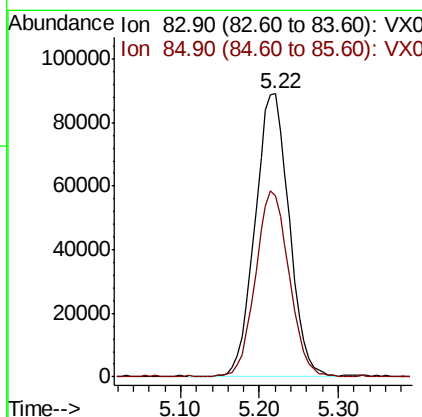
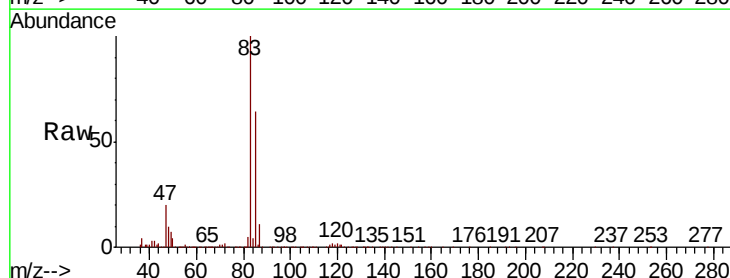
Manual Integrations
APPROVED

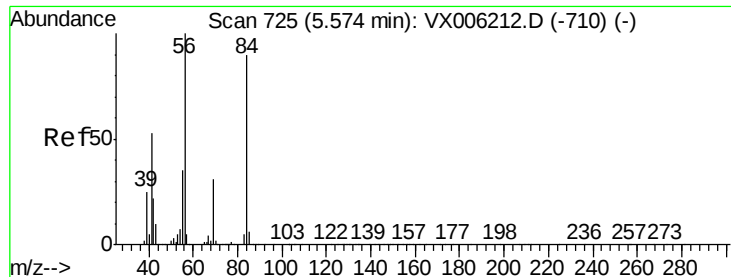
MMDadoda
12/3/2018 11:59:35 AM



#30
Chloroform
Concen: 19.680 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5





#31

Cyclohexane

Concen: 19.024 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

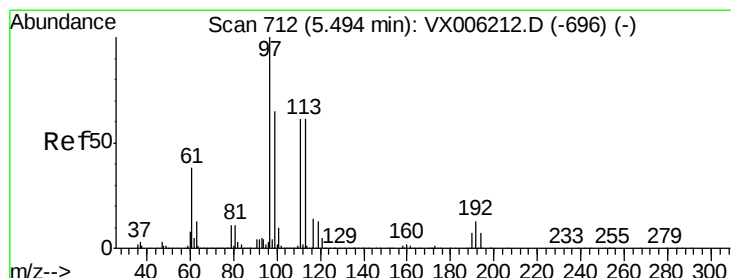
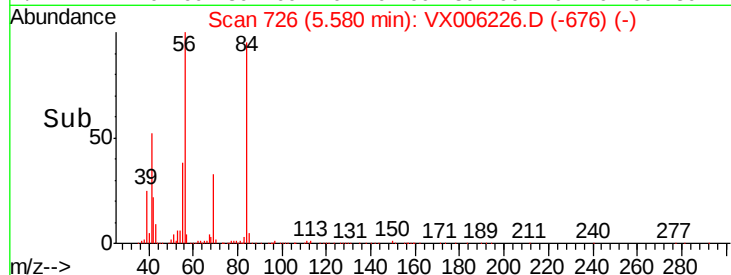
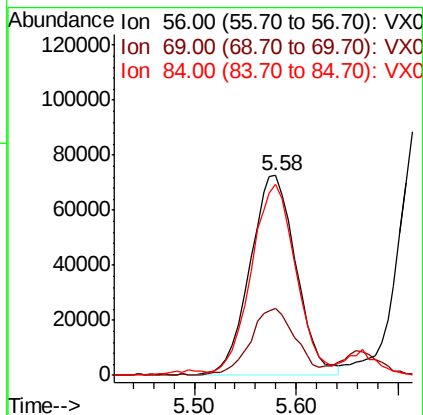
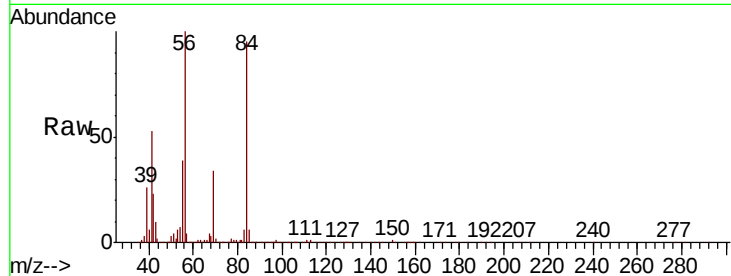
ClientSampleId :

VX1130MBS01

Tot Ion:	56	Resp:	225878
Ion Ratio	Lower	Upper	
56	100		
69	33.5	24.5	36.7
84	93.2	71.8	107.6

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#32

1,1,1-Trichloroethane

Concen: 19.344 ug/l

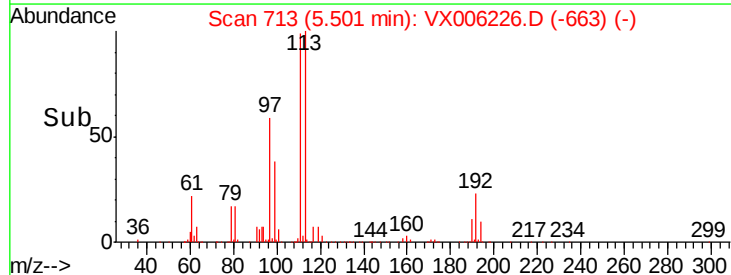
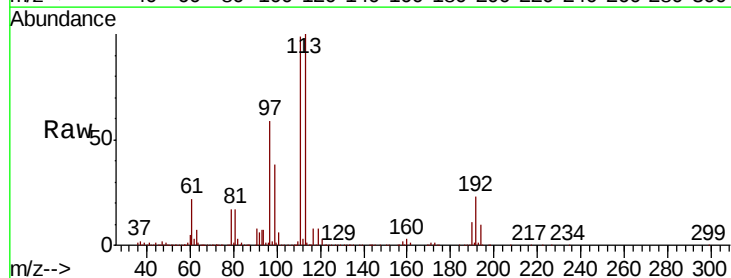
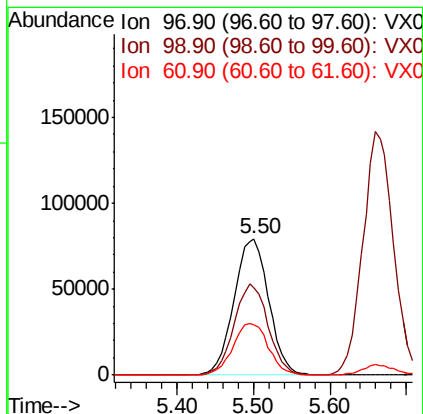
RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	97	Resp:	248495
Ion Ratio	Lower	Upper	
97	100		
99	65.9	51.6	77.4
61	39.2	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 48.463 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 65 Resp: 398300

Ion Ratio Lower Upper

65 100

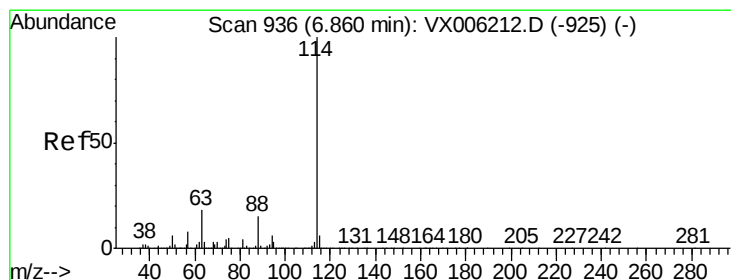
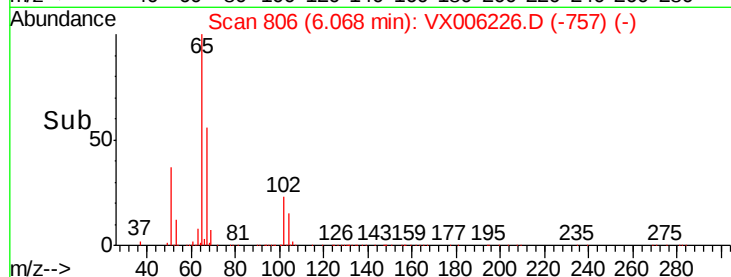
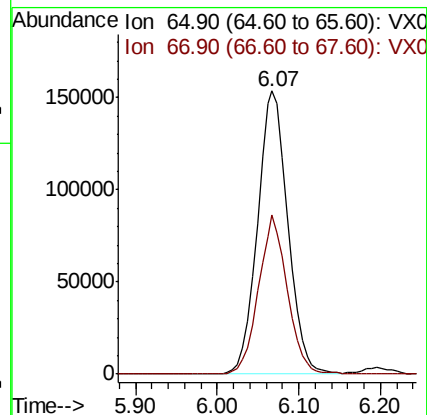
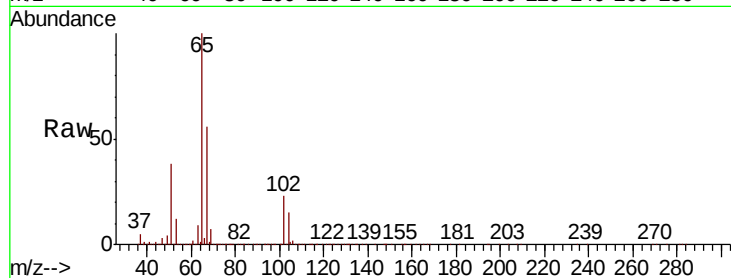
67 52.8 0.0 107.2

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

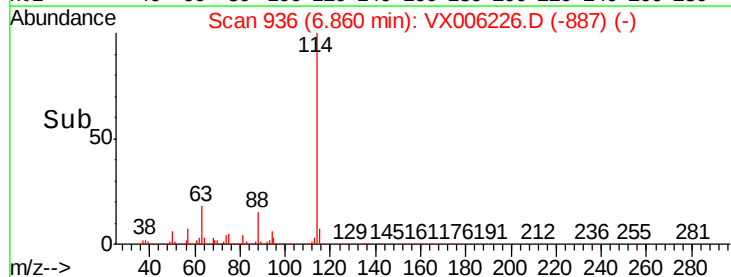
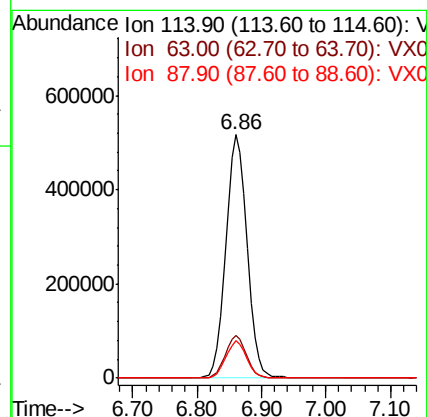
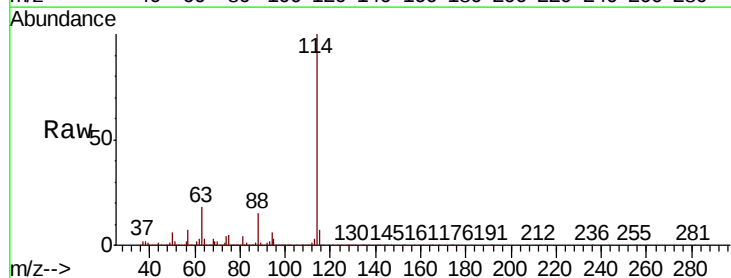
Tgt Ion: 114 Resp: 1206051

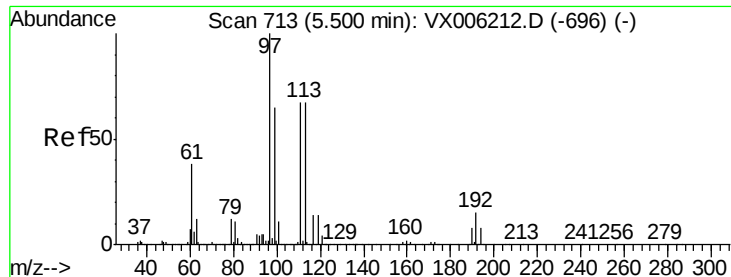
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.748 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

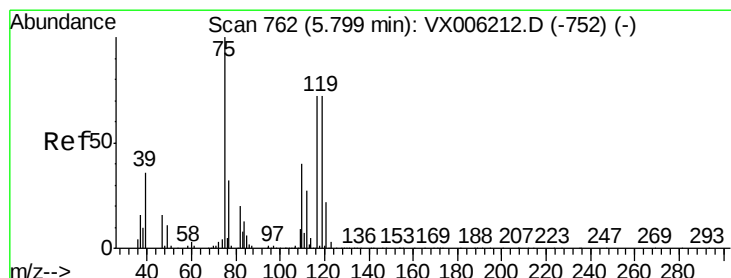
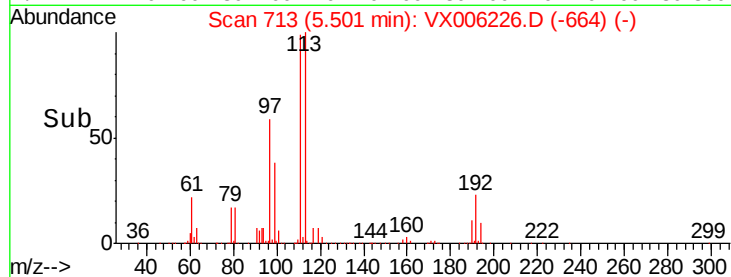
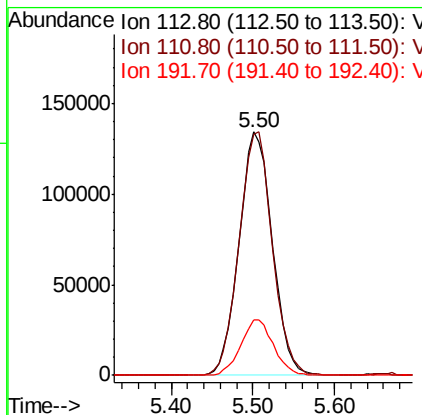
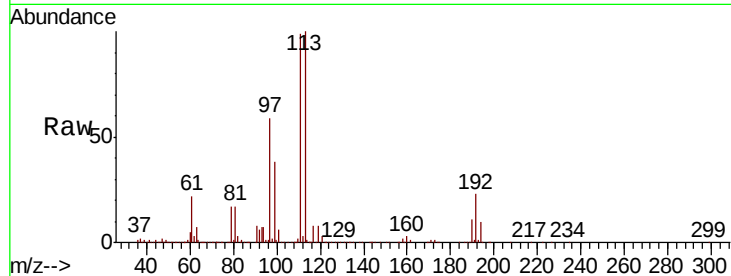
ClientSampleId :

VX1130MBS01

Tot Ion:	113	Resp:	380660
Ion Ratio	Lower	Upper	
113	100		
111	100.2	81.1	121.7
192	22.6	18.2	27.2

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#36

1,1-Dichloropropene

Concen: 18.953 ug/l

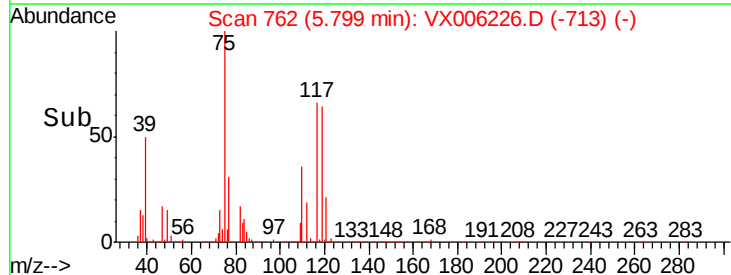
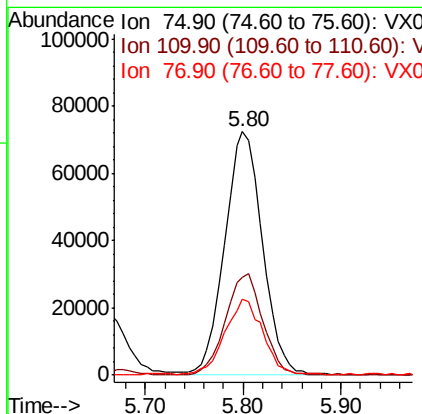
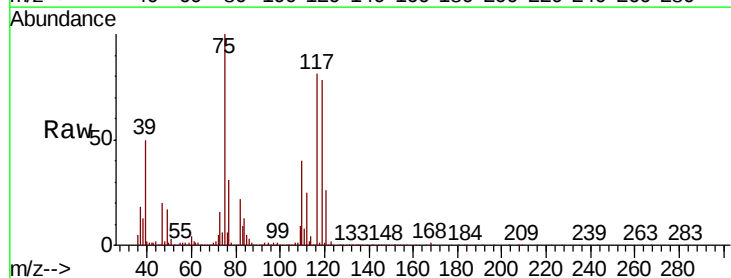
RT: 5.80 min Scan# 762

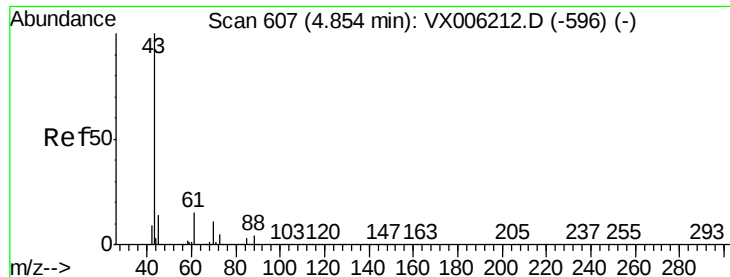
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	75	Resp:	192495
Ion Ratio	Lower	Upper	
75	100		
110	41.0	20.4	61.3
77	31.4	24.9	37.3





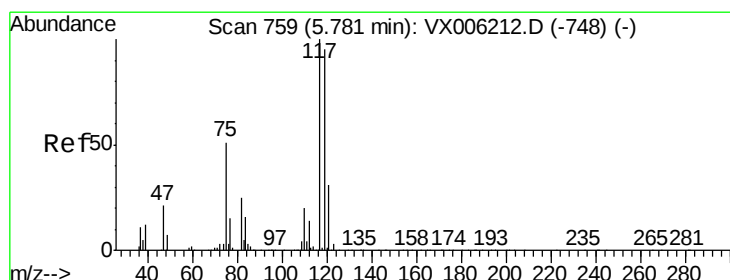
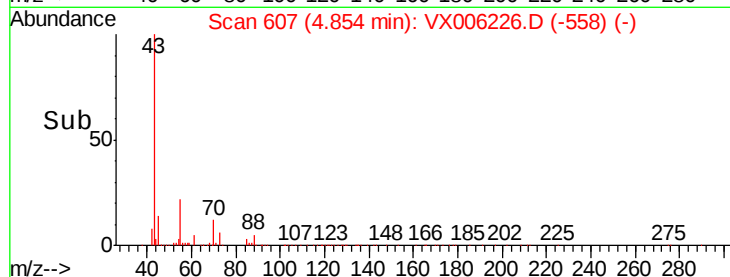
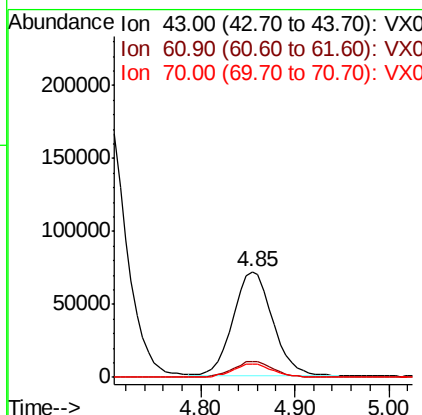
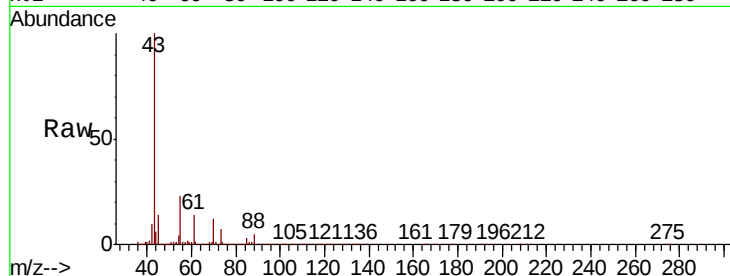
#37
Ethyl Acetate
Concen: 18.427 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion:	43	Resp:	209579
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.0	9.0	13.6

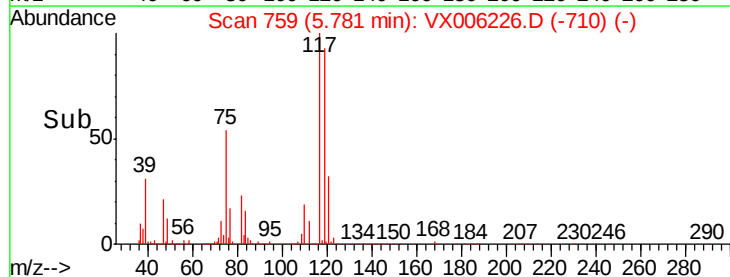
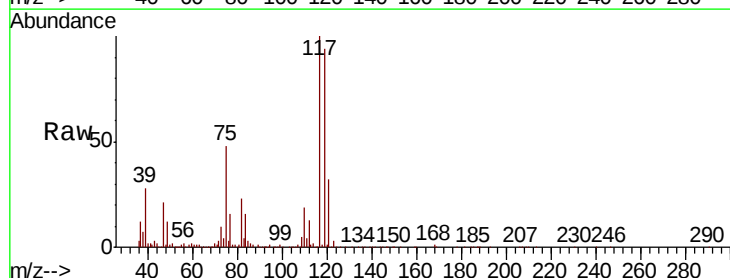
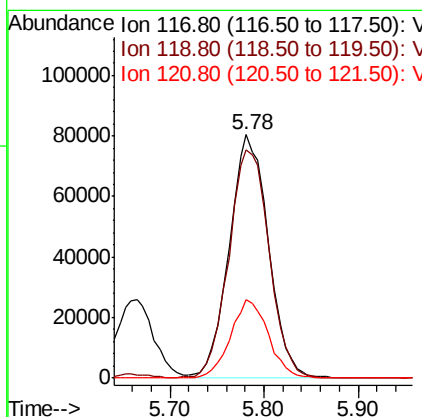
Manual Integrations
APPROVED

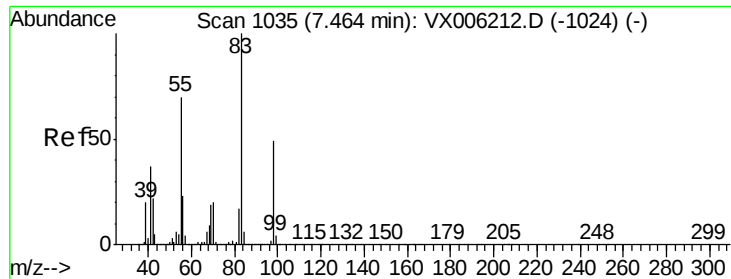
MMDadoda
12/3/2018 11:59:35 AM



#38
Carbon Tetrachloride
Concen: 19.364 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion:	117	Resp:	231356
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
121	31.9	24.6	37.0





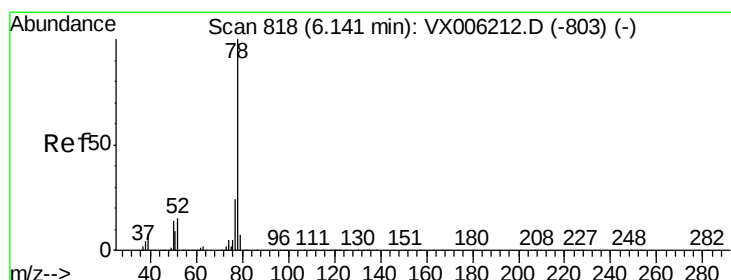
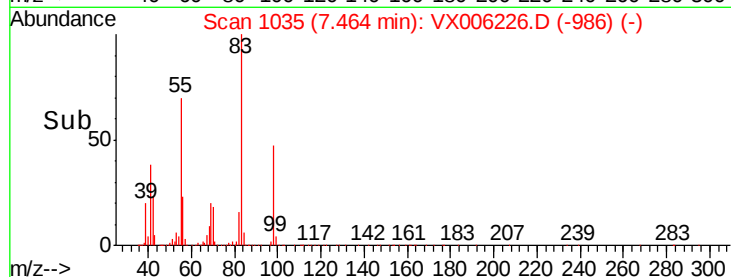
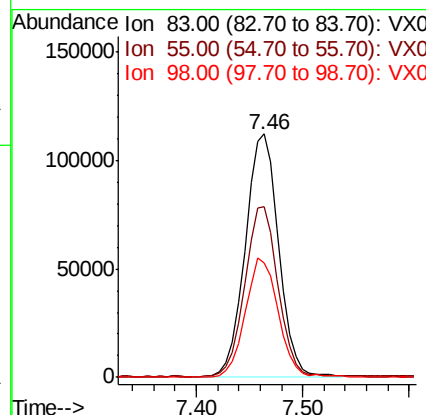
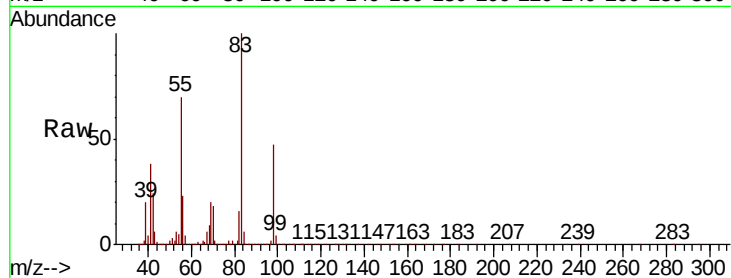
#39
Methylvlcvclohexane
Concen: 18.685 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	56.4	84.6
98	46.8	39.0	58.6

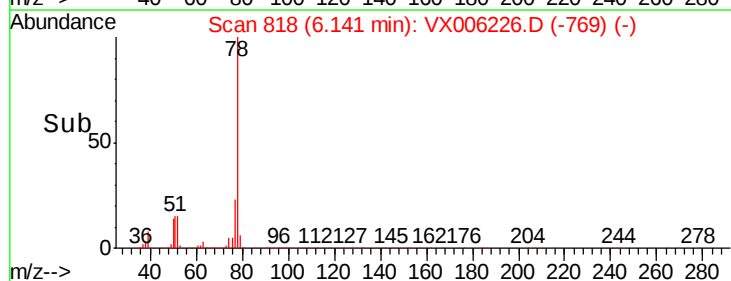
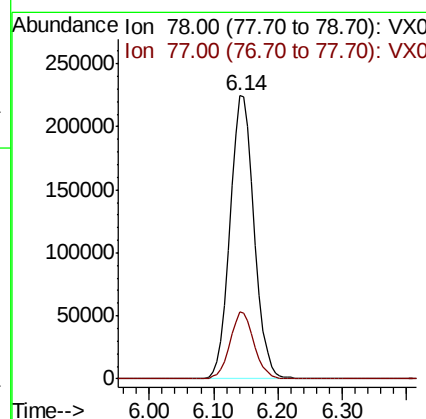
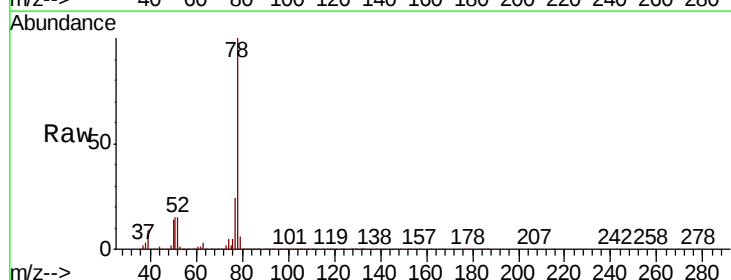
Manual Integrations
APPROVED

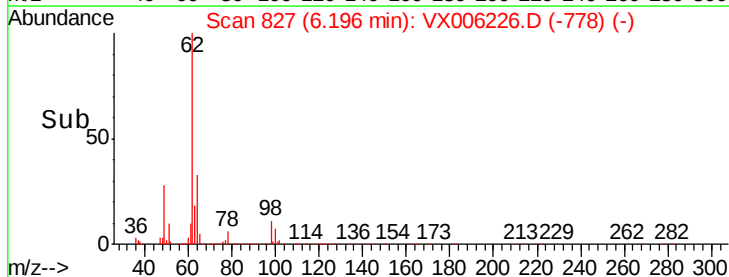
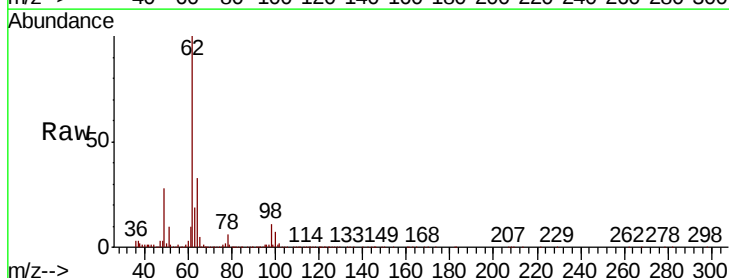
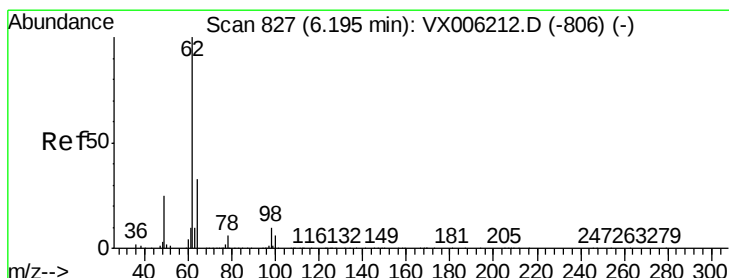
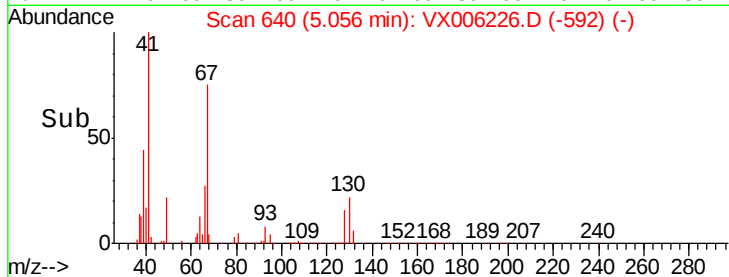
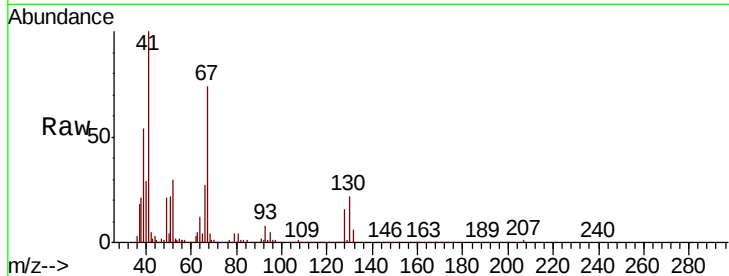
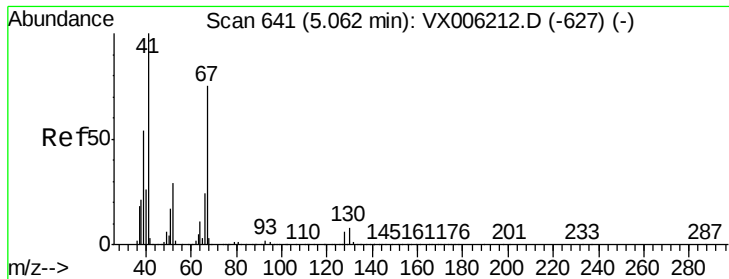
MMDadoda
12/3/2018 11:59:35 AM



#40
Benzene
Concen: 19.488 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





#41

Methacrylonitrile

Concen: 18.311 ug/l

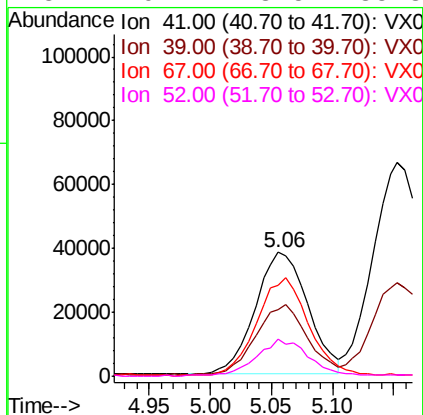
RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		114596		
39	56.1	44.0	66.0		
67	79.0	61.4	92.0		
52	29.2	23.5	35.3		



Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM

#42

1,2-Dichloroethane

Concen: 19.449 ug/l

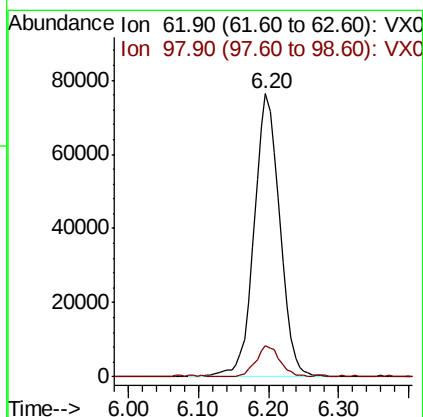
RT: 6.20 min Scan# 827

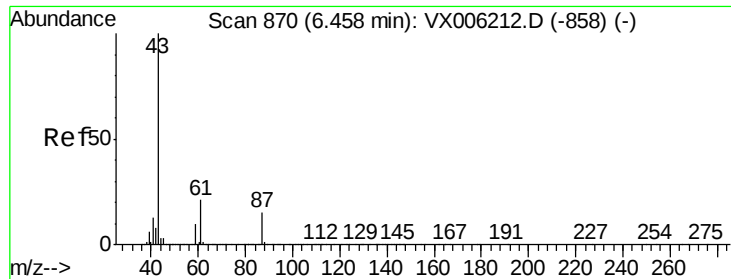
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		193626		
98	10.2	0.0	20.2		





#43

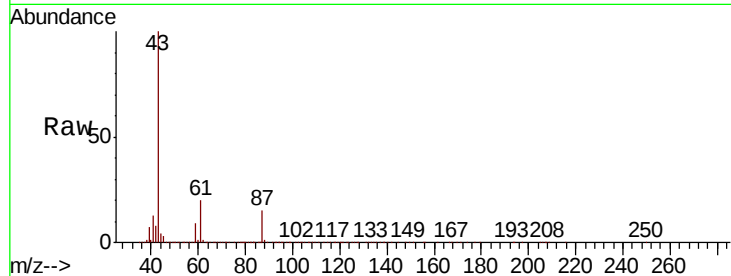
Isopropyl Acetate
 Concen: 18.560 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

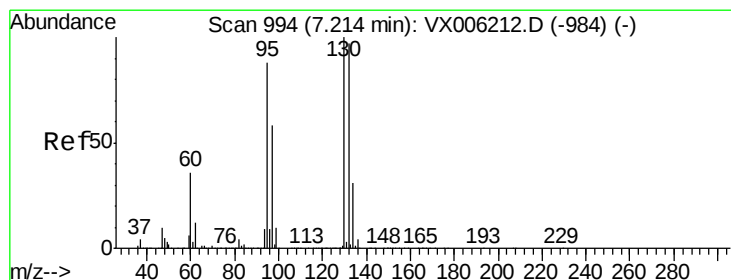
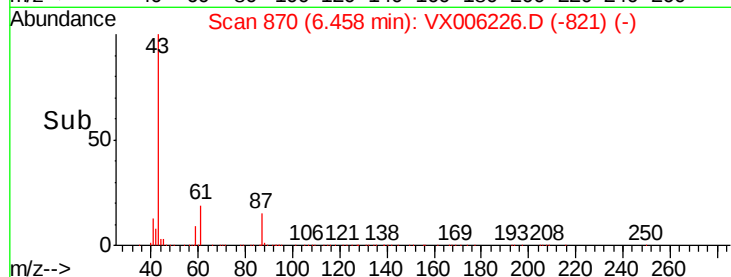
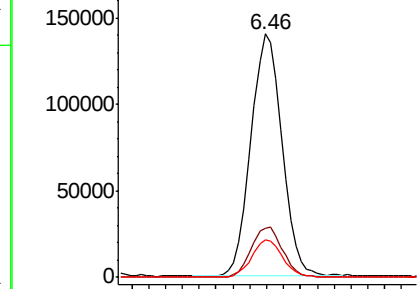
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	15.4	11.9	17.9

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:35 AM



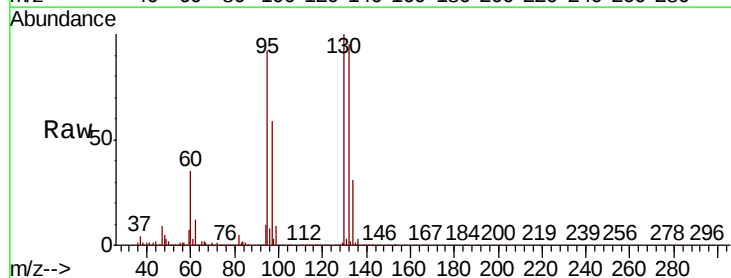
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



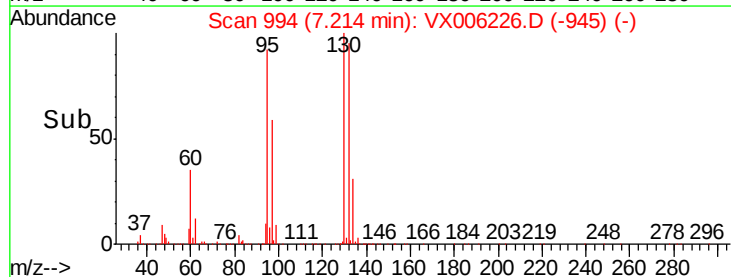
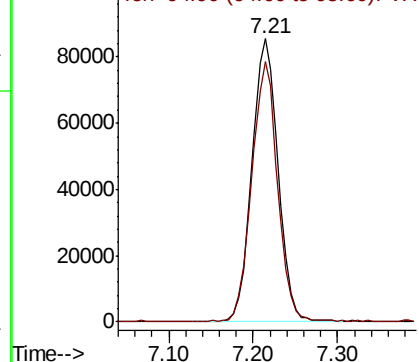
#44

Trichloroethene
 Concen: 19.370 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.091 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 63 Resp: 147595

Ion Ratio Lower Upper

63 100

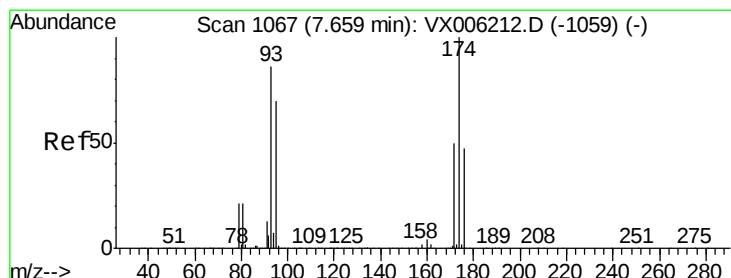
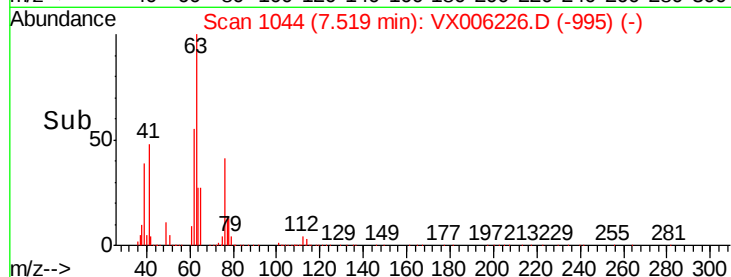
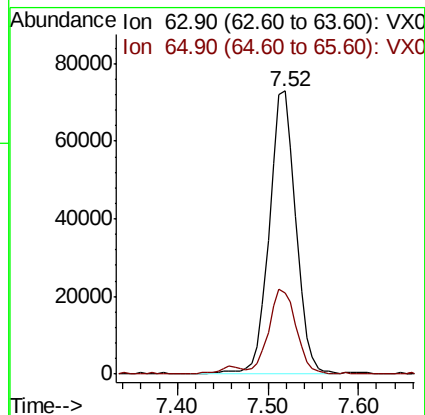
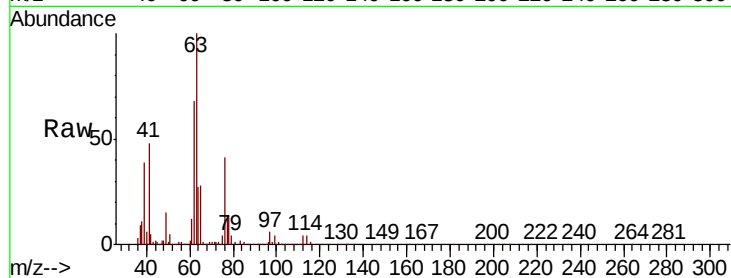
65 28.2 24.3 36.5

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#46

Dibromomethane

Concen: 19.213 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

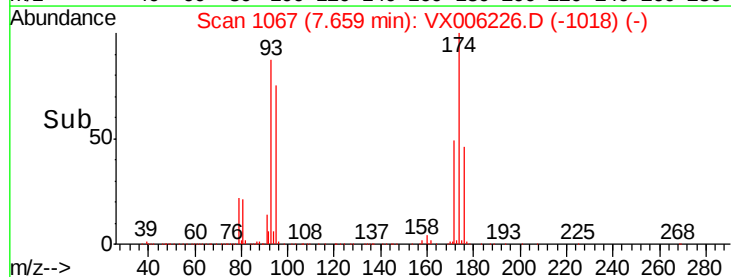
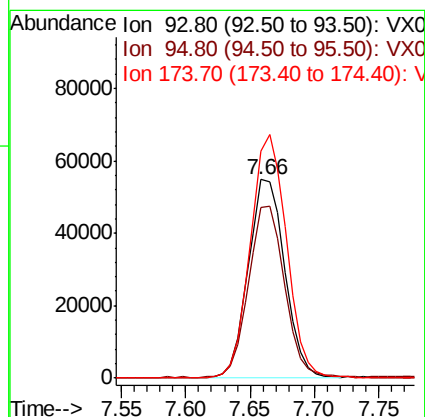
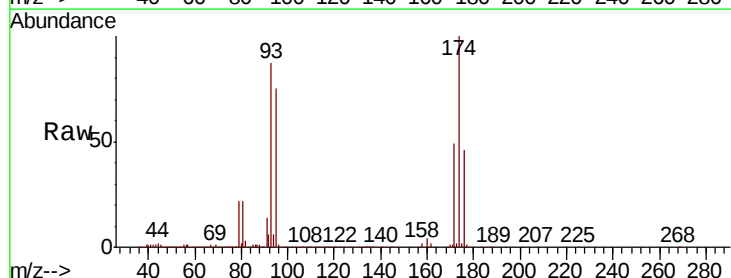
Tgt Ion: 93 Resp: 107276

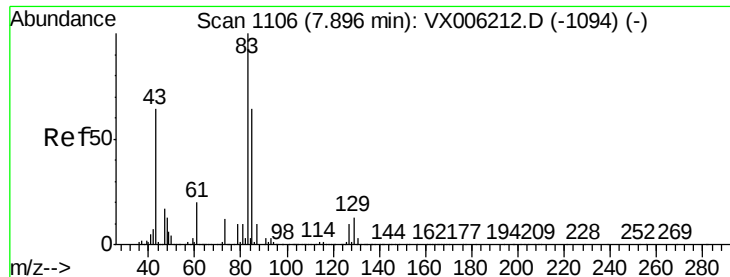
Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

174 121.6 97.2 145.8





#47

Bromodichloromethane

Concen: 19.112 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

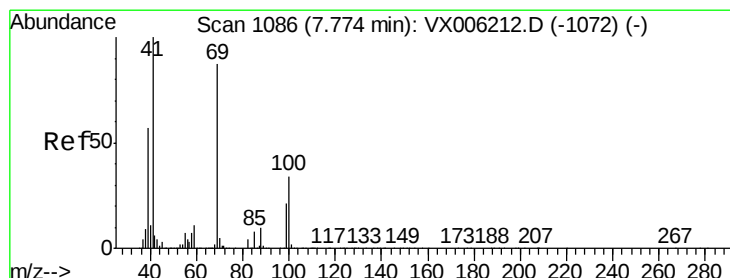
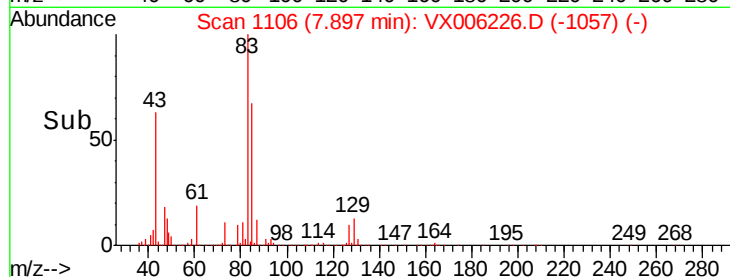
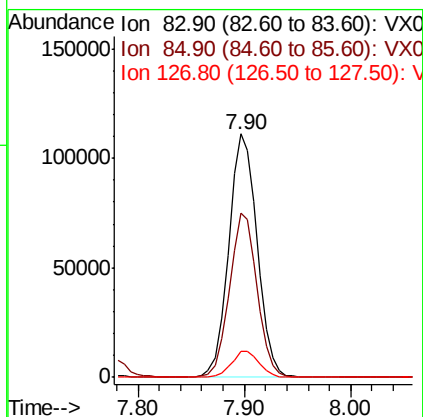
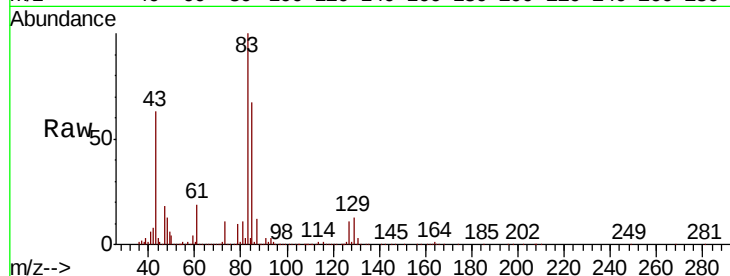
ClientSampleId :

VX1130MBS01

Tot Ion	83	Resp	206655
Ion Ratio	Lower	Upper	
83	100		
85	67.1	51.4	77.0
127	10.6	7.9	11.9

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#48

Methyl methacrylate

Concen: 18.836 ug/l

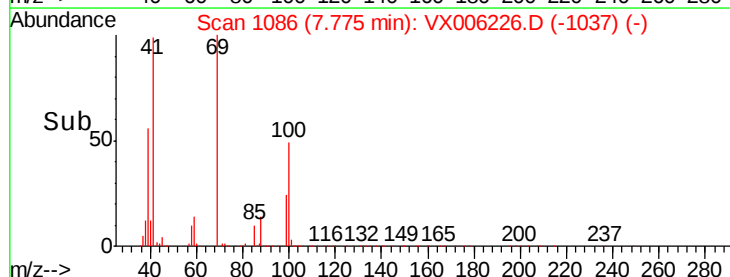
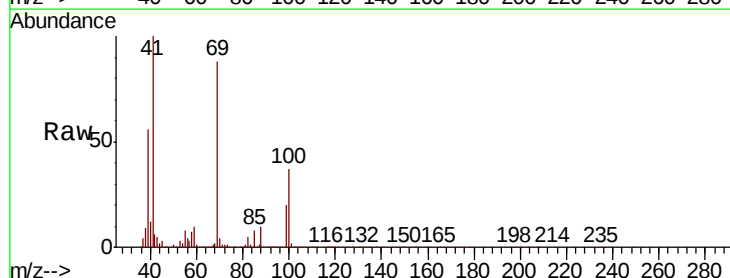
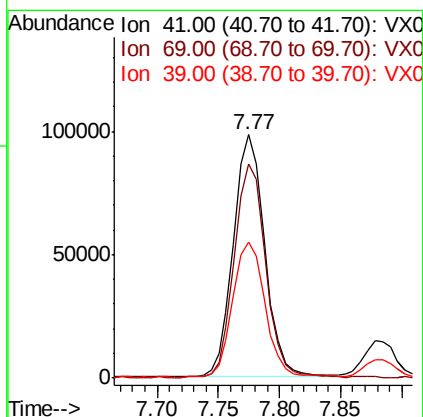
RT: 7.77 min Scan# 1086

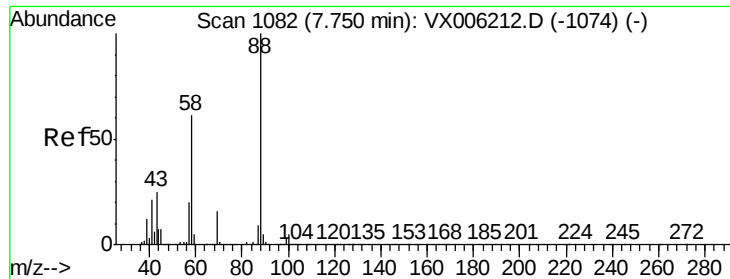
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion	41	Resp	173768
Ion Ratio	Lower	Upper	
41	100		
69	88.4	70.3	105.5
39	57.9	45.3	67.9





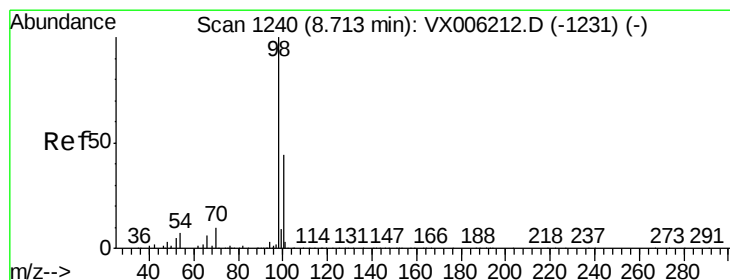
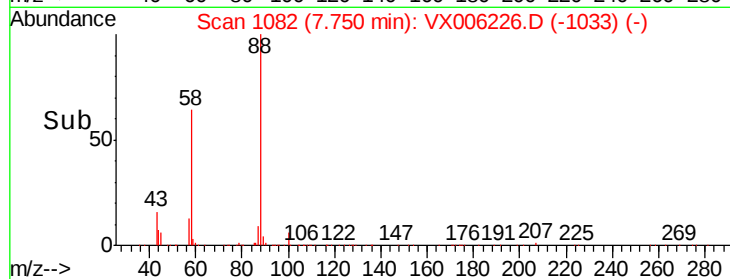
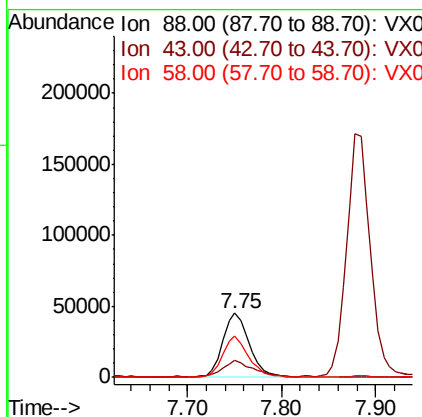
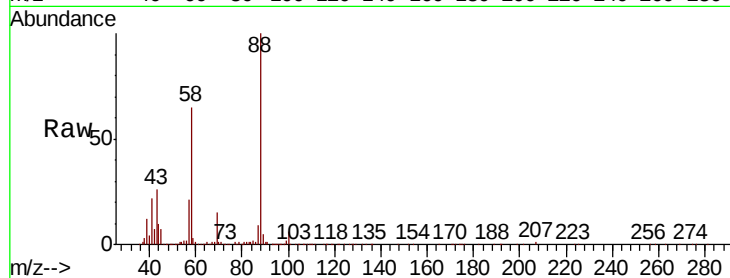
#49
1,4-Dioxane
Concen: 389.825 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.2	34.8
58	61.7	51.4	77.0

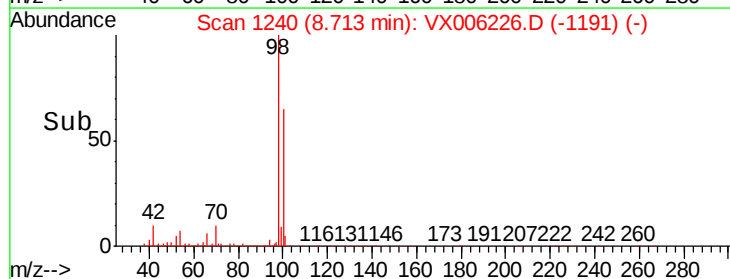
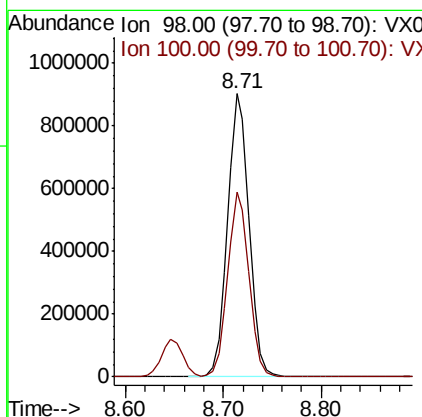
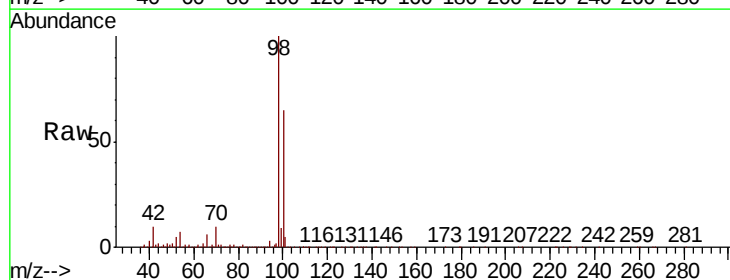
Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#50
Toluene-d8
Concen: 48.208 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2





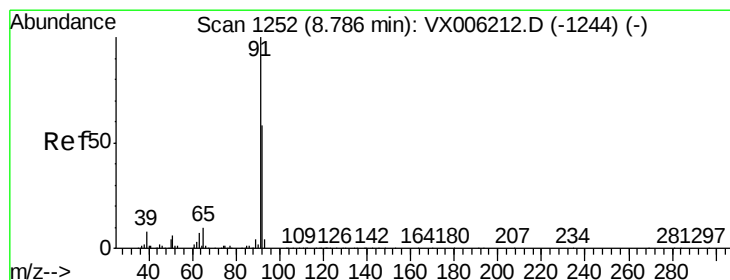
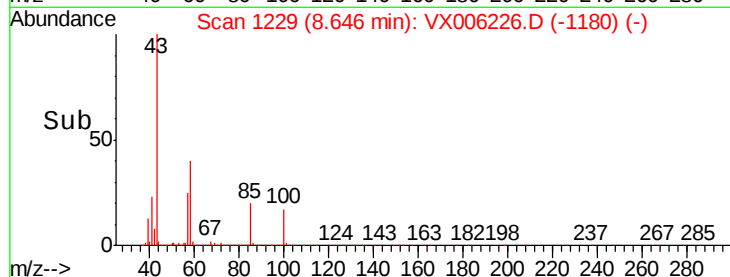
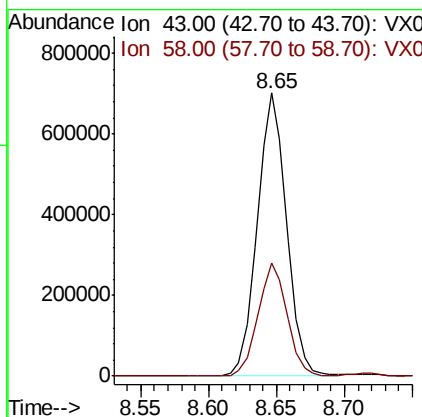
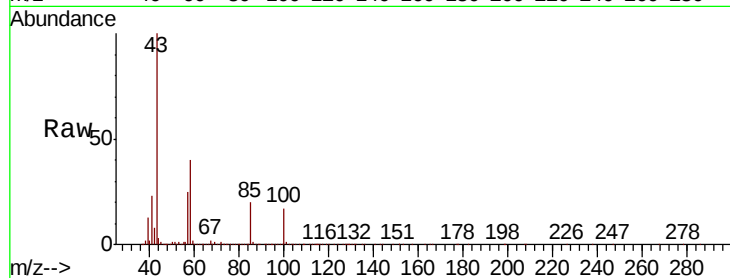
#51
 4-Methyl-2-Pentanone
 Concen: 95.686 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Tot Ion: 43 Resp: 1056298
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.3 46.9

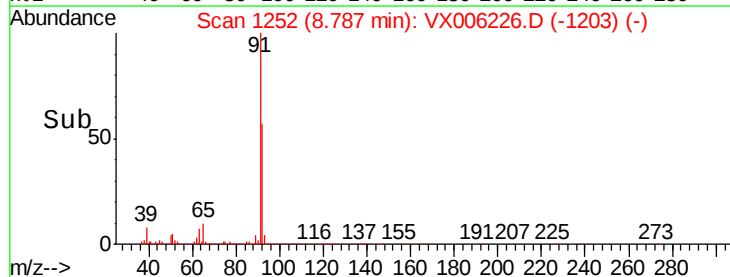
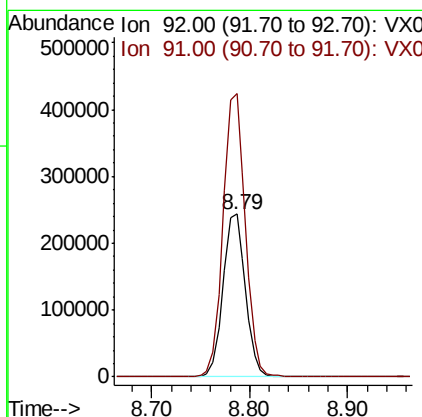
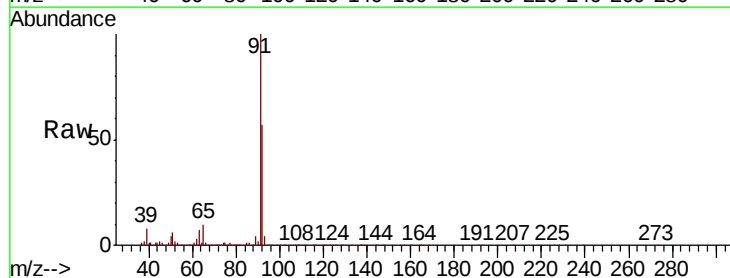
Manual Integrations
 APPROVED

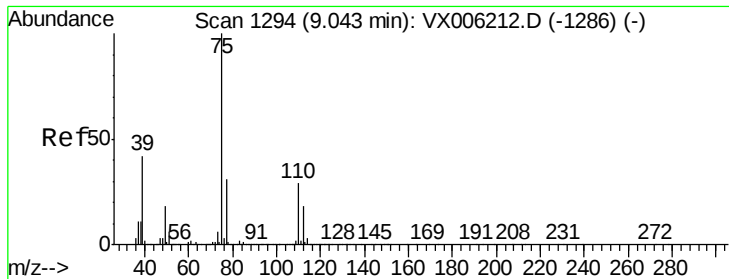
MMDadoda
 12/3/2018 11:59:35 AM



#52
 Toluene
 Concen: 19.324 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion: 92 Resp: 386716
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.2 208.8





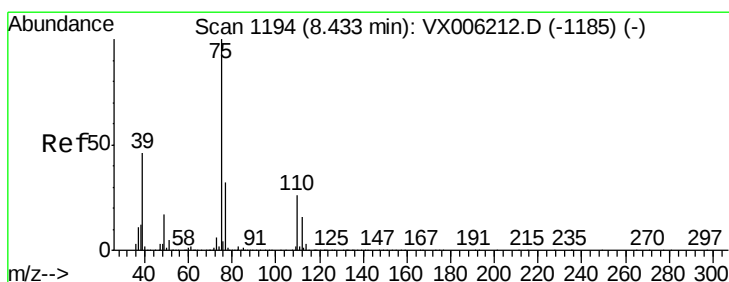
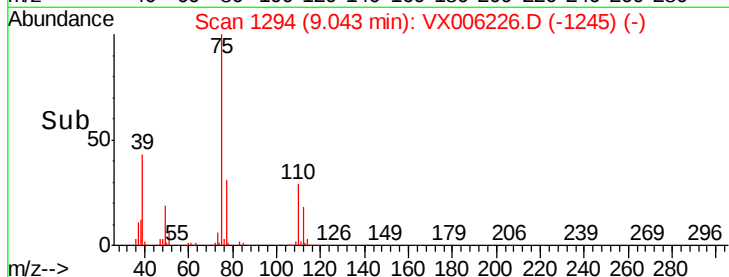
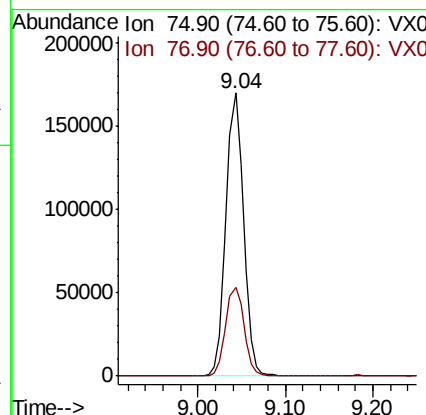
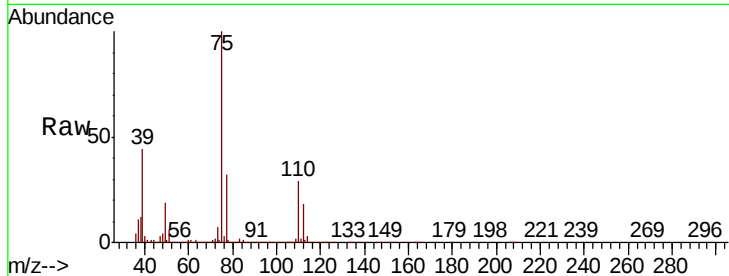
#53
t-1,3-Dichloropropene
Concen: 18.830 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4

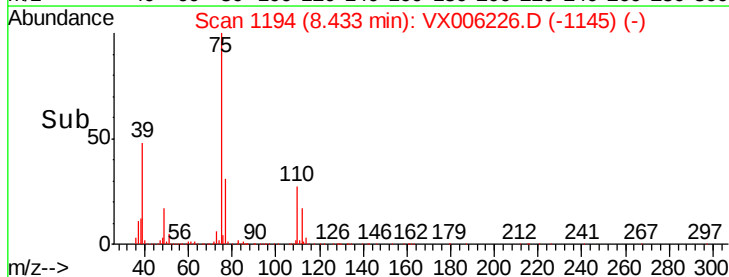
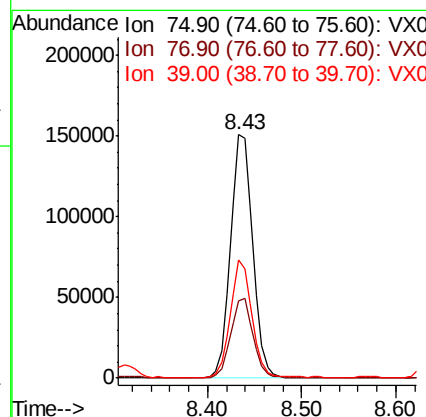
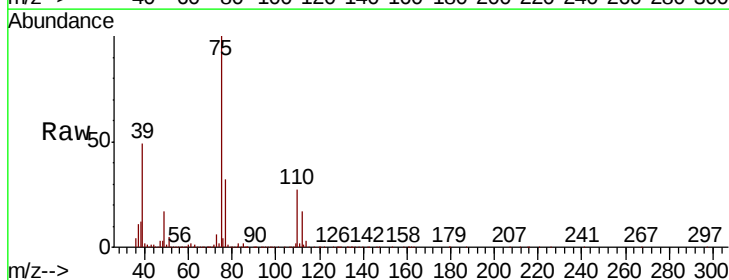
Manual Integrations
APPROVED

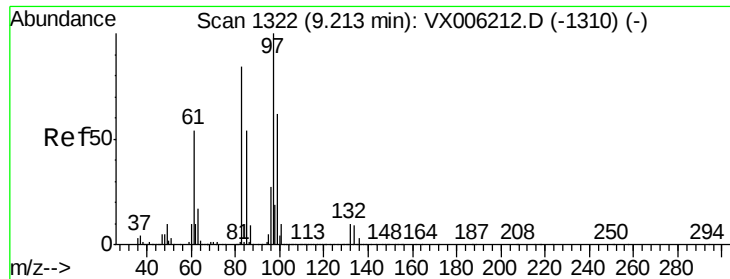
MMDadoda
12/3/2018 11:59:35 AM



#54
cis-1,3-Dichloropropene
Concen: 18.764 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4
39	48.4	36.5	54.7





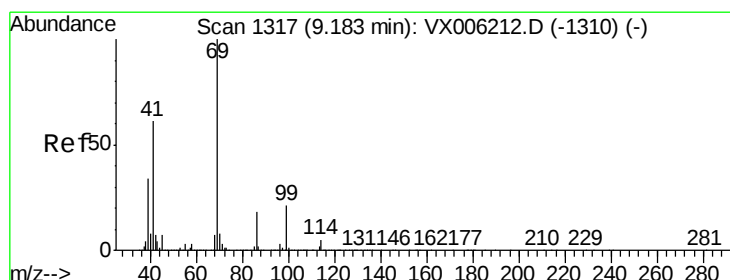
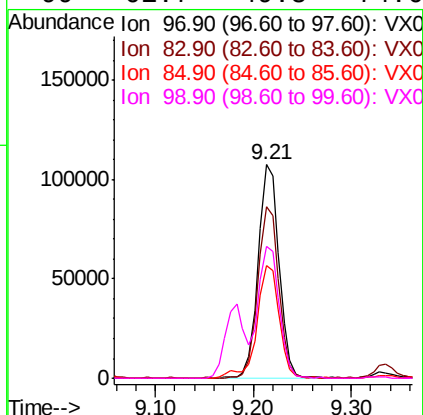
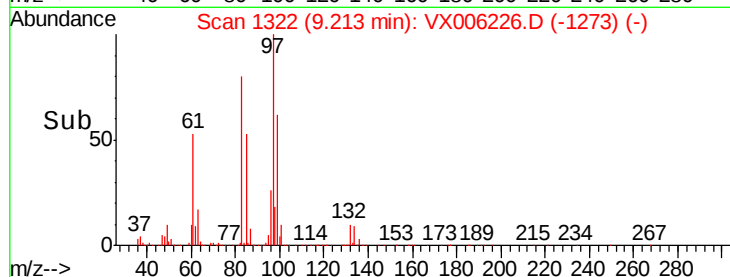
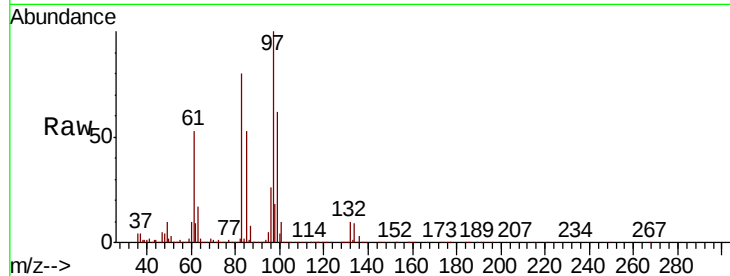
#55
 1,1,2-Trichloroethane
 Concen: 19.708 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.1	100.7
85	52.9	43.2	64.8
99	61.7	49.8	74.6

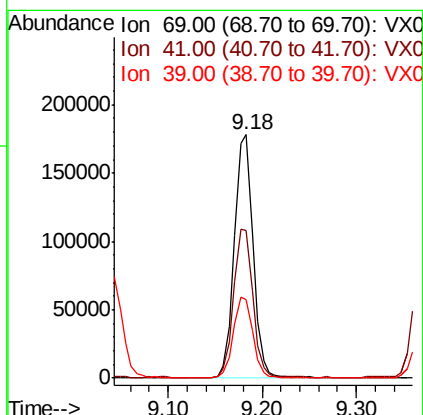
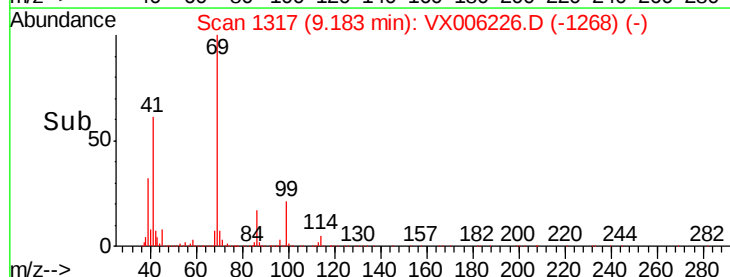
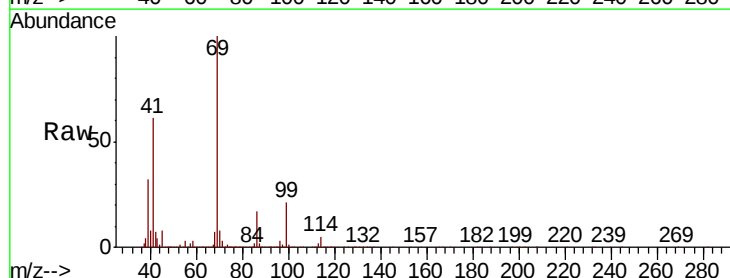
Manual Integrations
 APPROVED

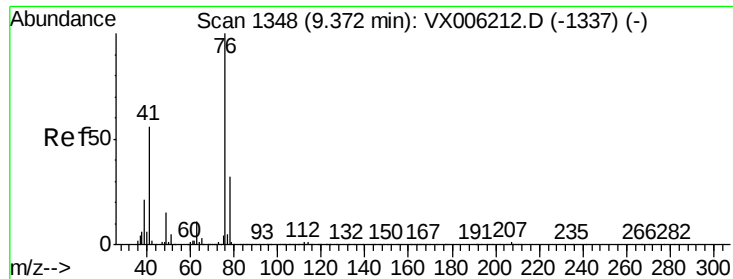
MMDadoda
 12/3/2018 11:59:35 AM



#56
 Ethyl methacrylate
 Concen: 19.361 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.4	50.6	76.0
39	33.7	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.467 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 76 Resp: 250271

Ion Ratio Lower Upper

76 100

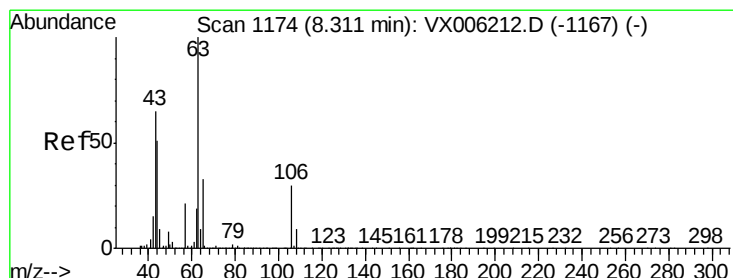
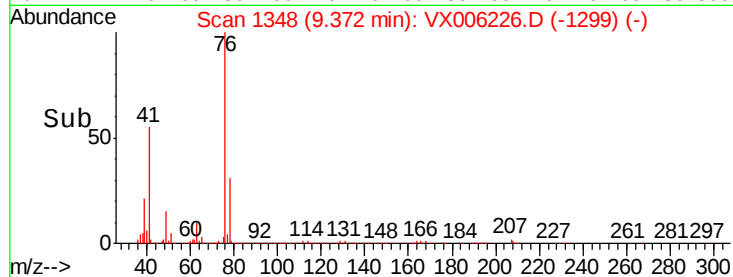
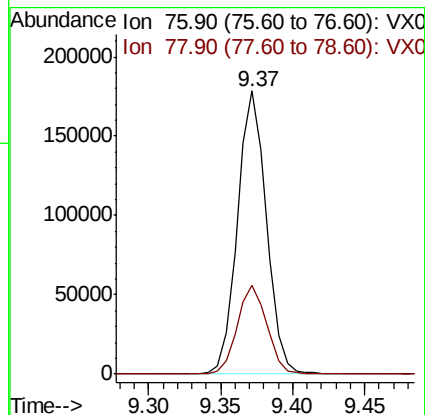
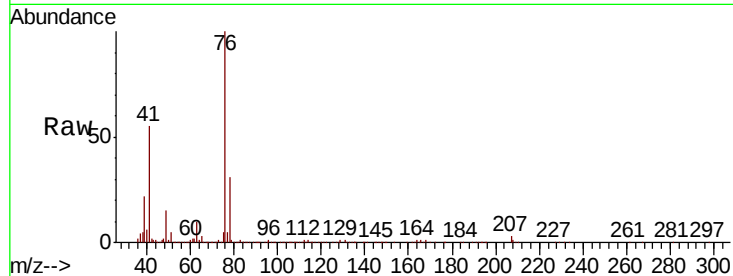
78 32.1 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.884 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006226.D

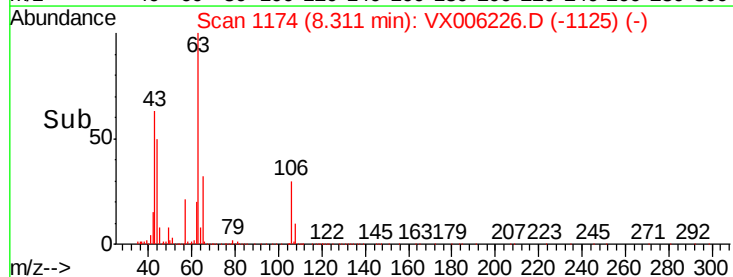
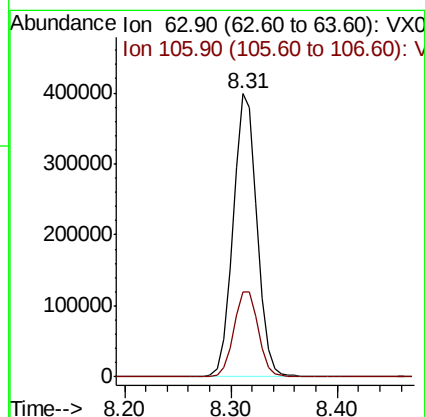
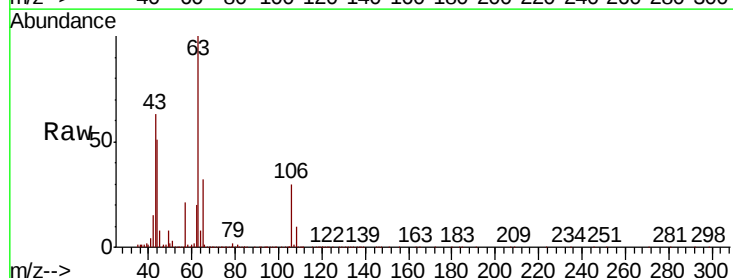
Acq: 30 Nov 2018 13:23

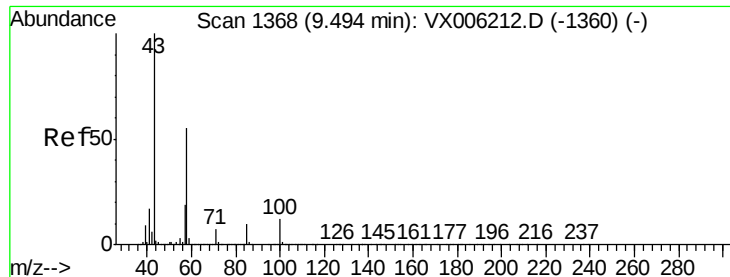
Tgt Ion: 63 Resp: 624876

Ion Ratio Lower Upper

63 100

106 31.2 24.9 37.3





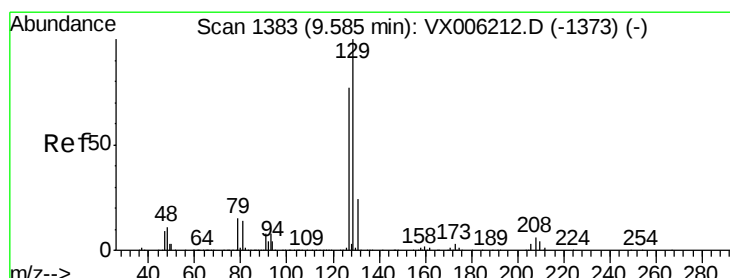
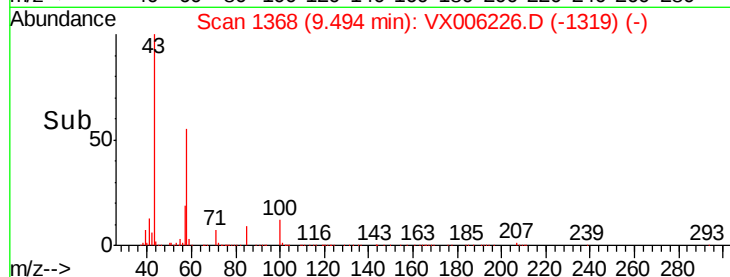
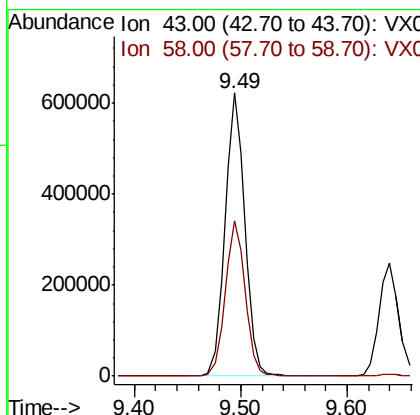
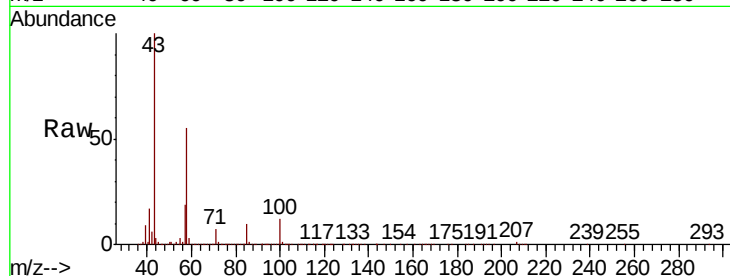
#59
2-Hexanone
Concen: 96.261 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion: 43 Resp: 811863
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

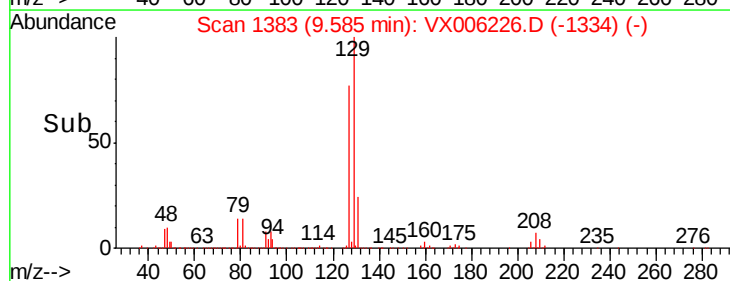
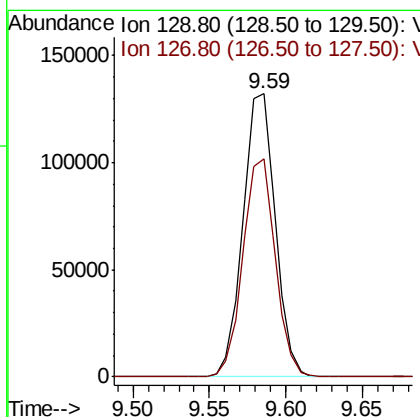
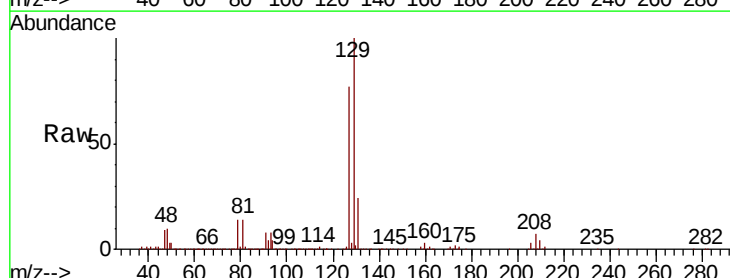
Manual Integrations
APPROVED

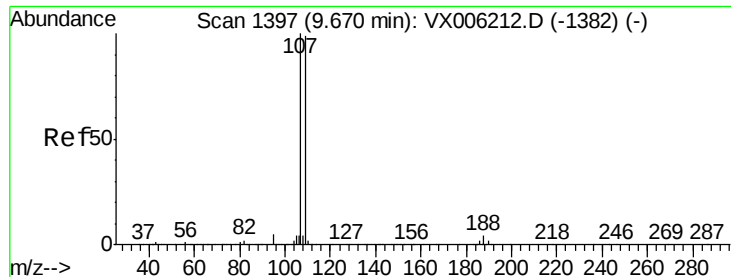
MMDadoda
12/3/2018 11:59:35 AM



#60
Dibromochloromethane
Concen: 19.386 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 129 Resp: 194351
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





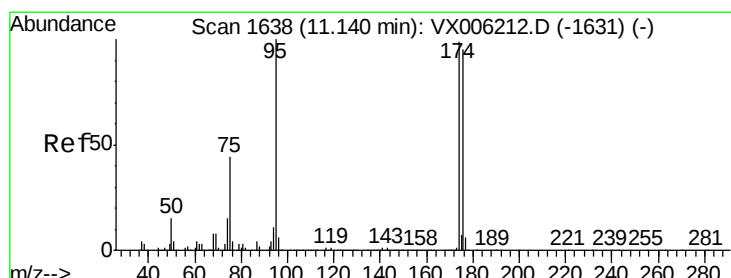
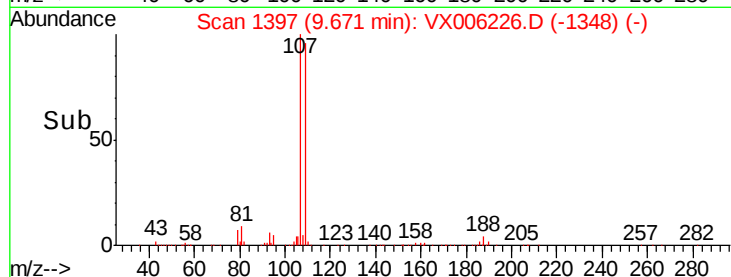
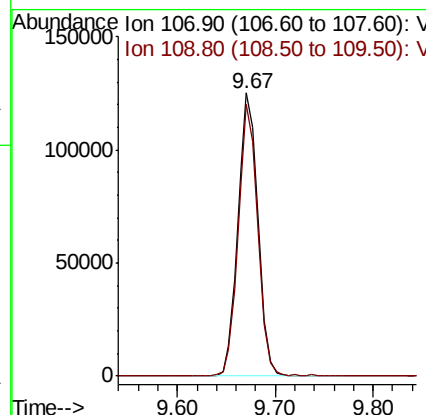
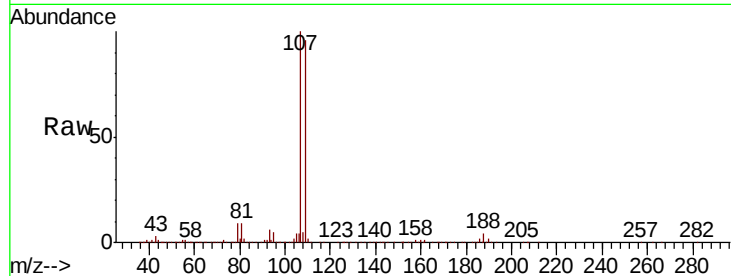
#61
 1,2-Dibromoethane
 Concen: 19.456 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	76.3	114.5

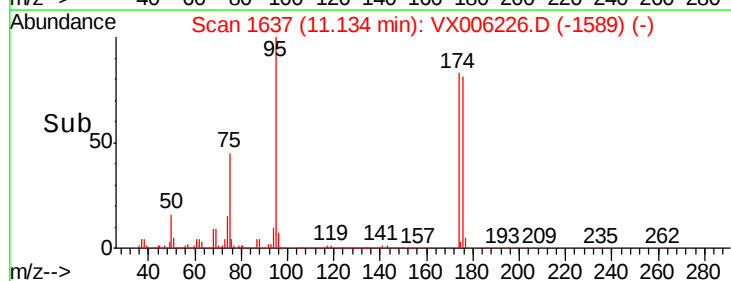
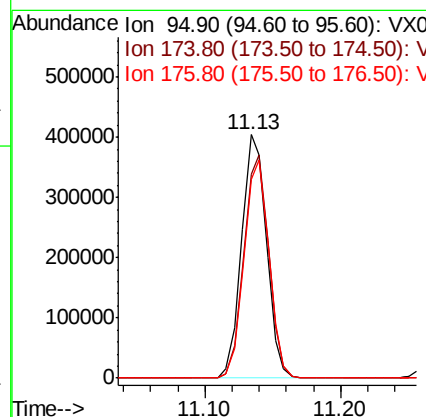
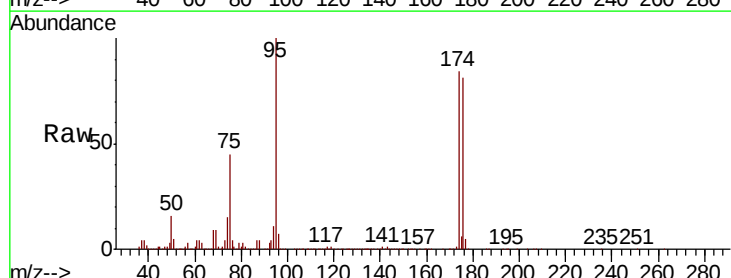
Manual Integrations
 APPROVED

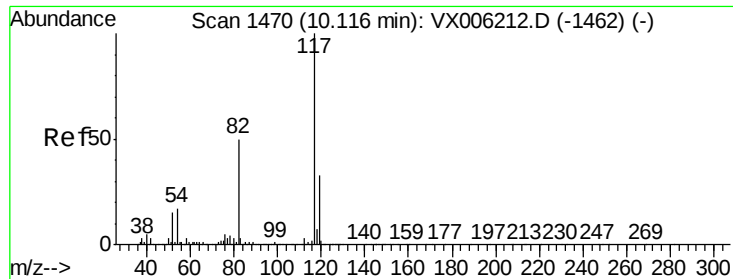
MMDadoda
 12/3/2018 11:59:35 AM



#62
 4-Bromofluorobenzene
 Concen: 48.085 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	187.0
176	89.7	0.0	181.8





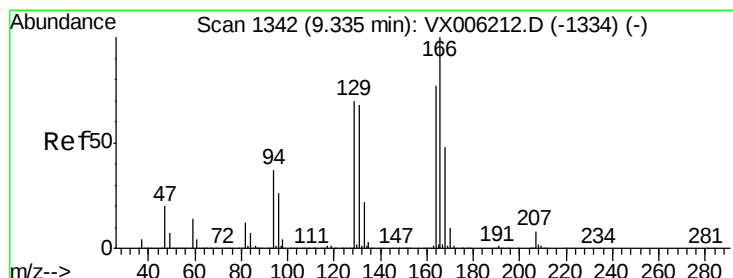
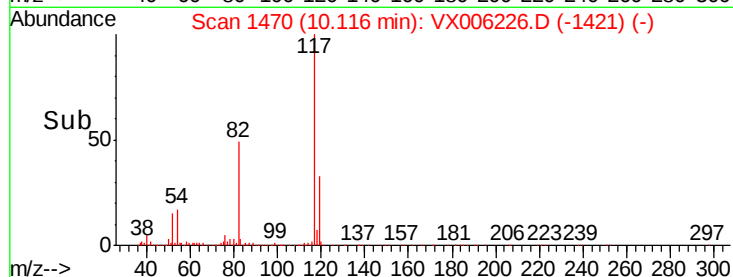
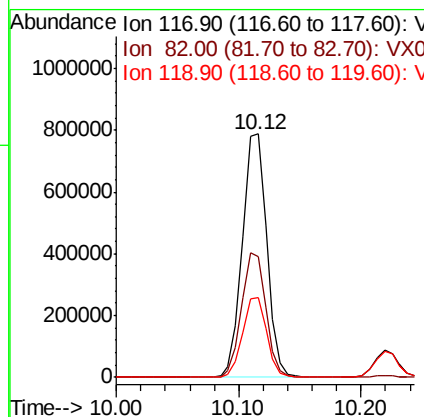
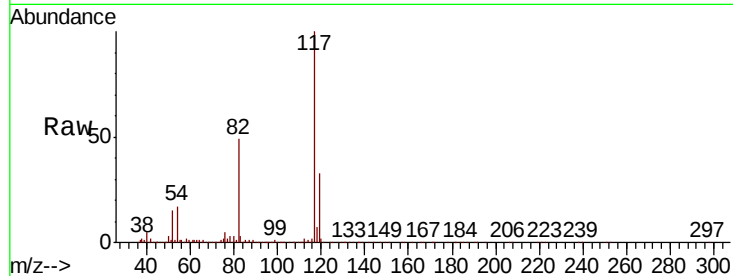
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.6	59.4
119	32.5	26.3	39.5

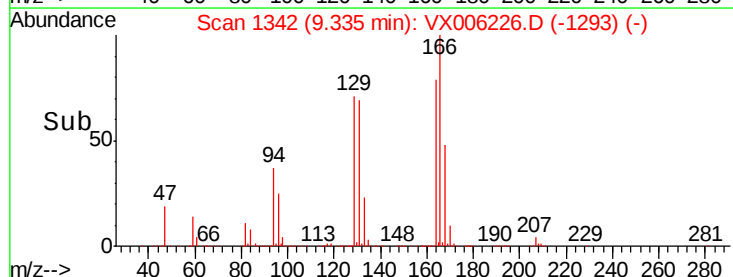
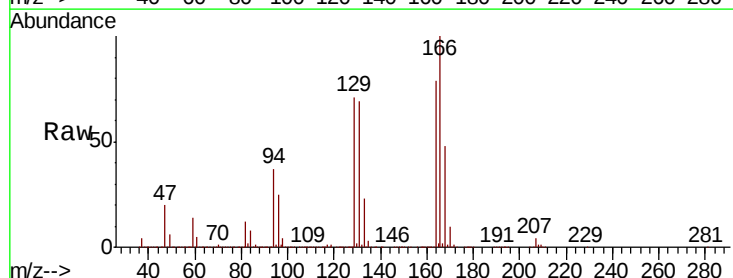
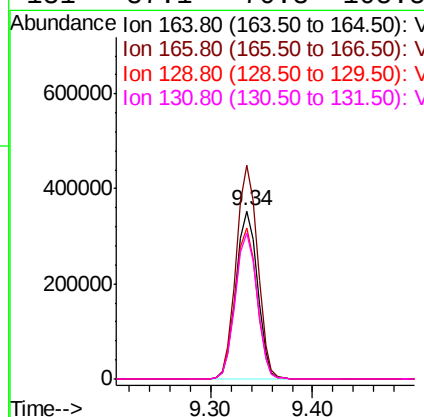
Manual Integrations
APPROVED

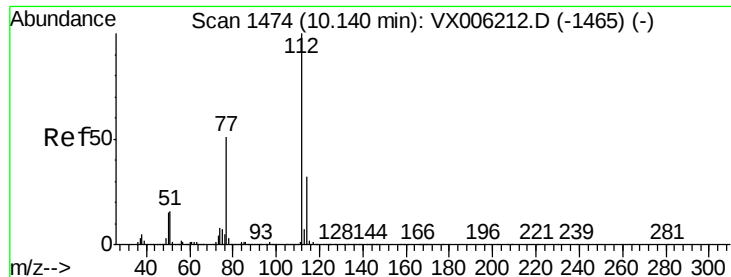
MMDadoda
12/3/2018 11:59:35 AM



#64
Tetrachloroethene
Concen: 63.004 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	104.2	156.2
129	90.1	72.6	108.8
131	87.1	70.3	105.5





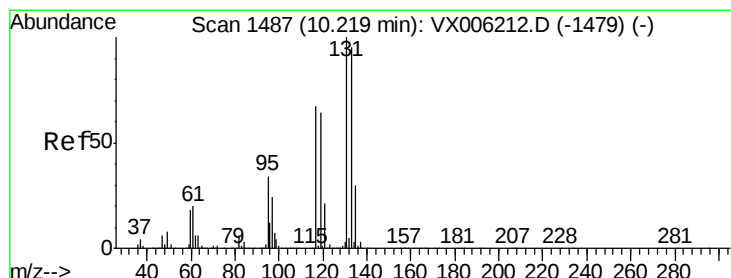
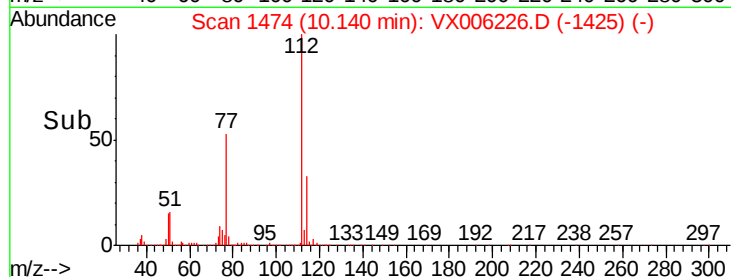
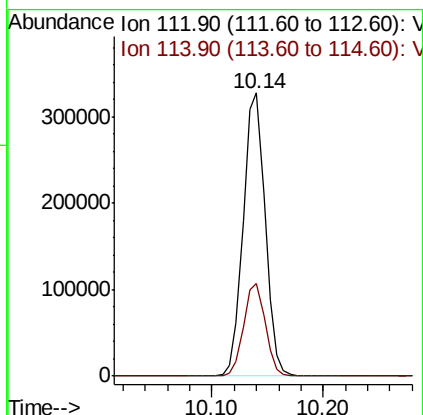
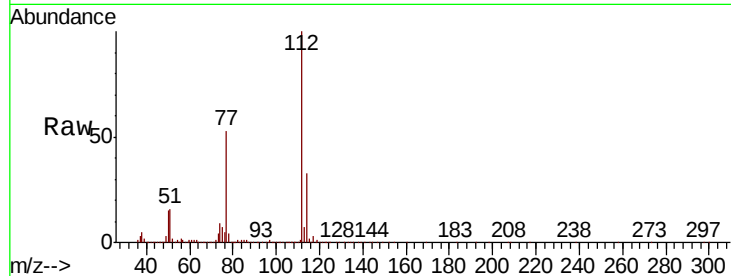
#65
Chlorobenzene
Concen: 19.434 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.2

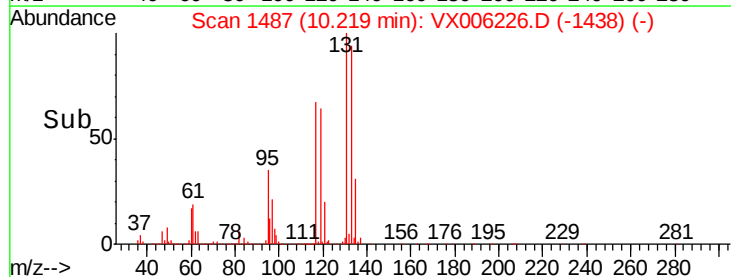
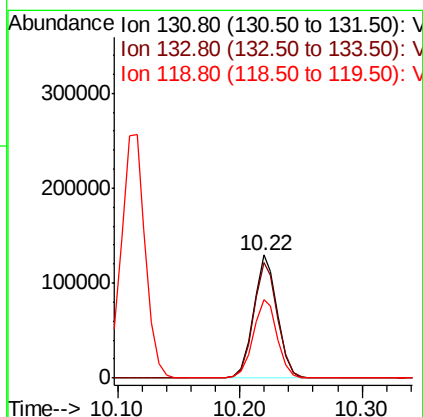
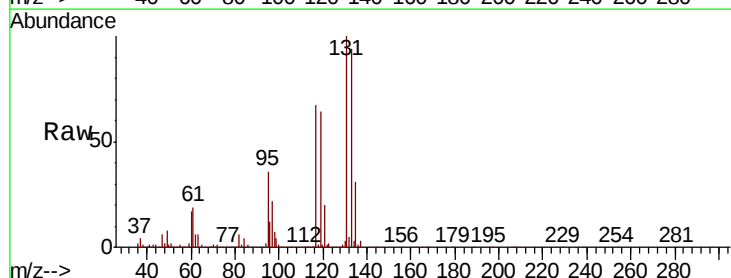
Manual Integrations
APPROVED

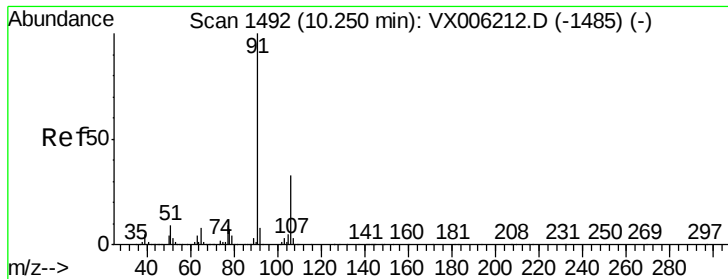
MMDadoda
12/3/2018 11:59:35 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.435 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	48.1	144.4
119	65.1	32.1	96.3





#67

Ethyl Benzene

Concen: 19.147 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 91 Resp: 735803

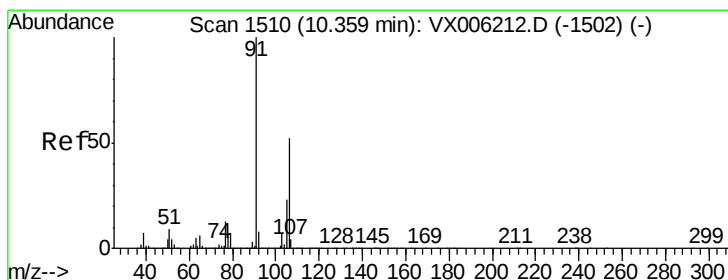
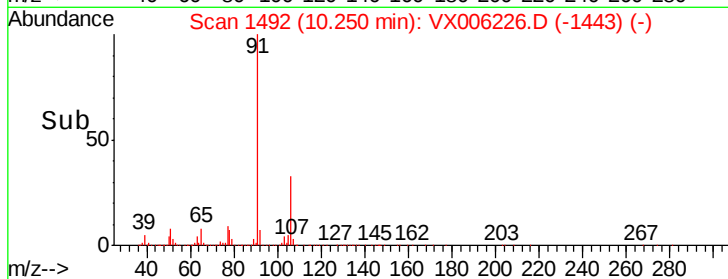
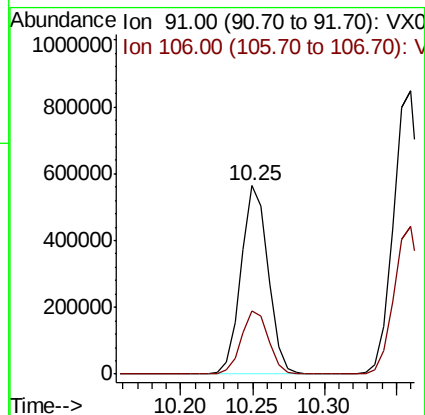
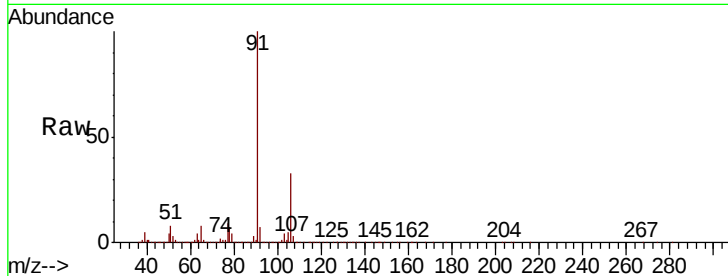
Ion Ratio Lower Upper

91 100

106 33.4 26.5 39.7

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#68

m/p-Xylenes

Concen: 38.624 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006226.D

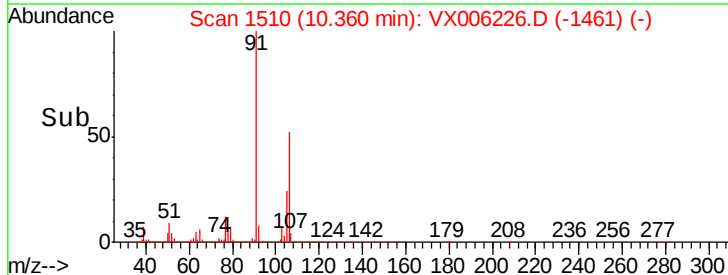
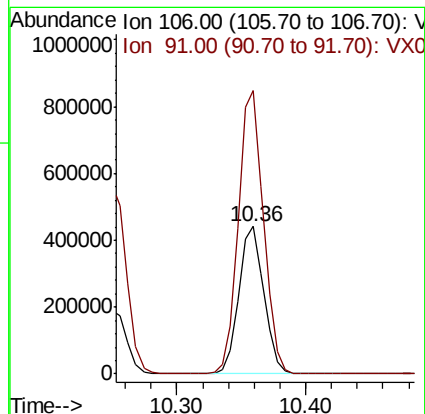
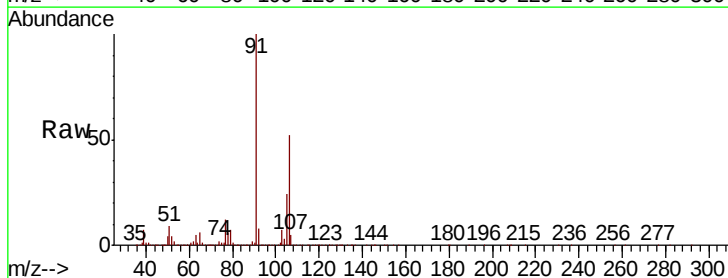
Acq: 30 Nov 2018 13:23

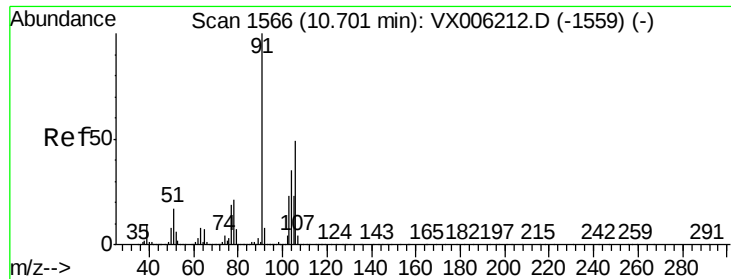
Tgt Ion: 106 Resp: 594548

Ion Ratio Lower Upper

106 100

91 193.2 155.2 232.8





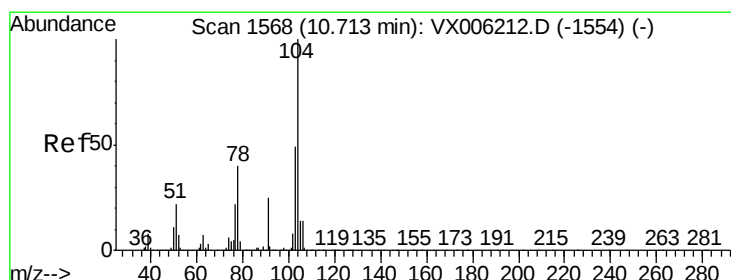
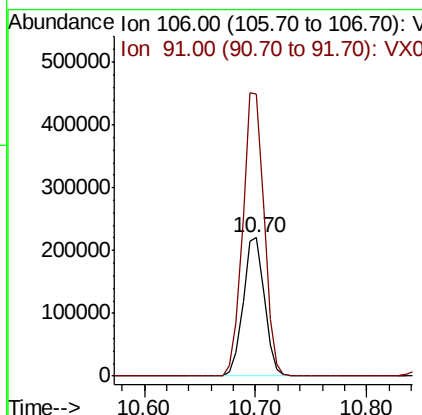
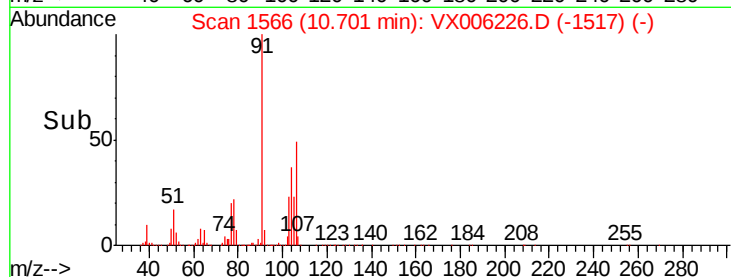
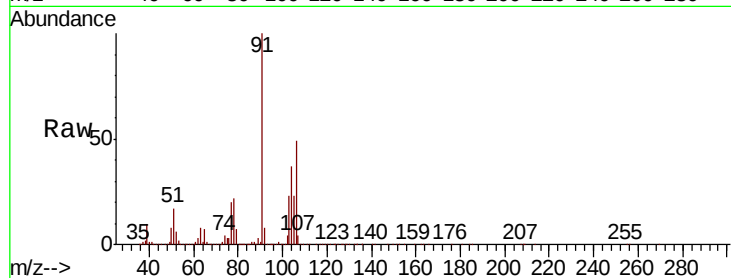
#69
o-Xylene
Concen: 19.146 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.1	101.8	305.6

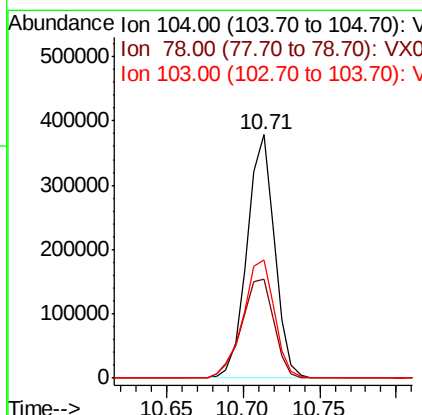
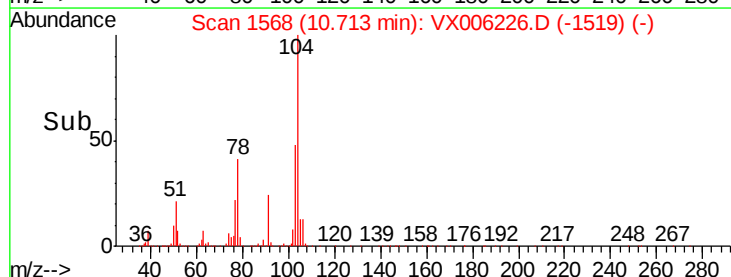
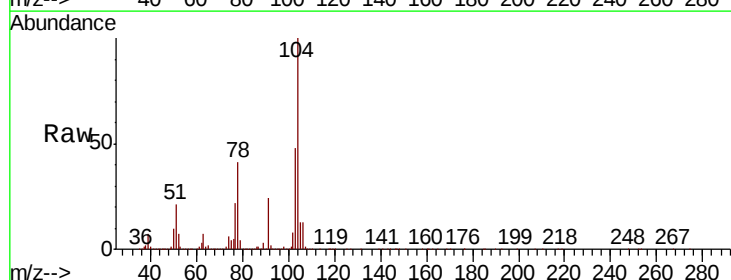
Manual Integrations
APPROVED

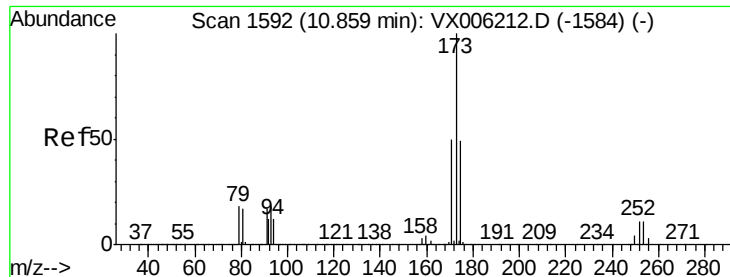
MMDadoda
12/3/2018 11:59:35 AM



#70
Styrene
Concen: 19.259 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	37.2	55.8
103	55.0	43.5	65.3





#71

Bromoform

Concen: 19.285 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

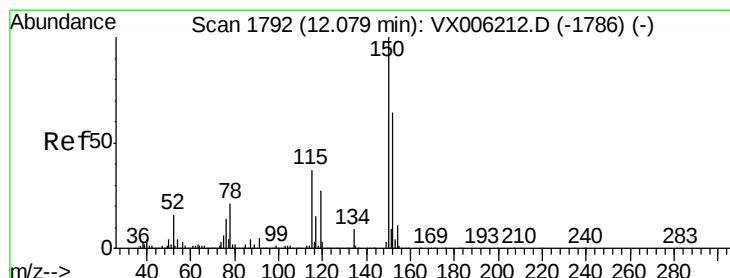
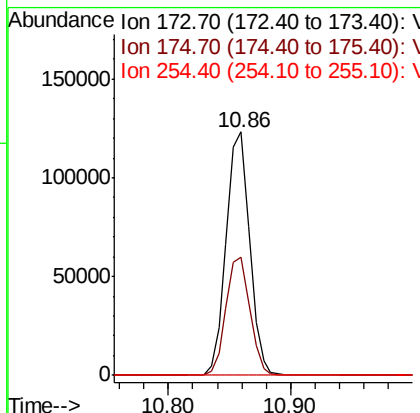
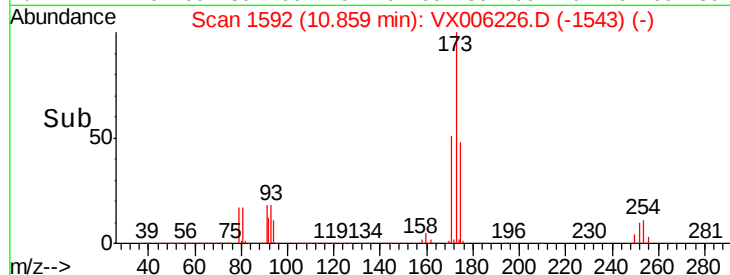
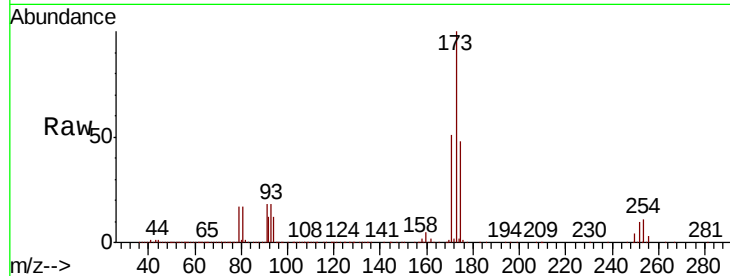
ClientSampleId :

VX1130MBS01

Tot Ion:	173	Resp:	163424
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

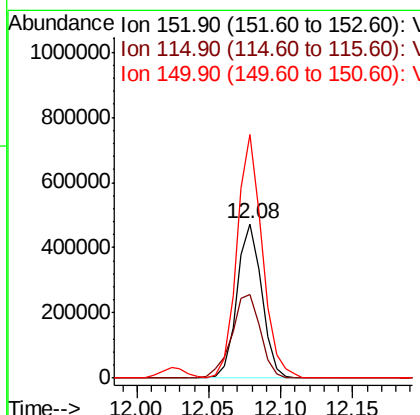
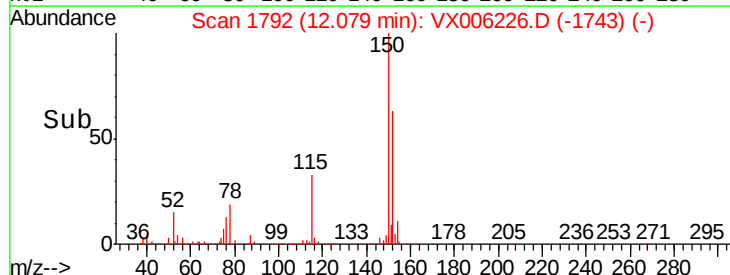
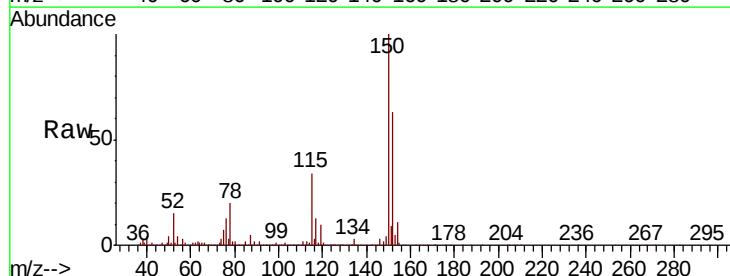
RT: 12.08 min Scan# 1792

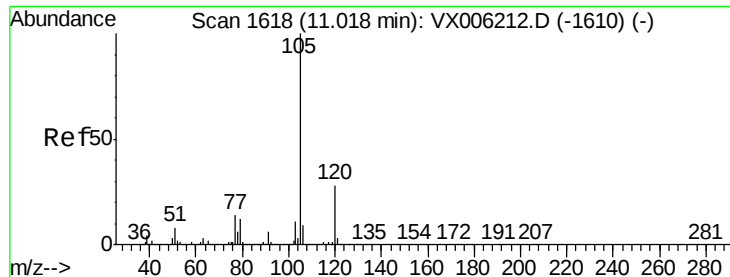
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	152	Resp:	563879
Ion Ratio	Lower	Upper	
152	100		
115	63.5	39.0	116.9
150	161.7	0.0	345.8





#73

Isopropylbenzene

Concen: 19.781 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 105 Resp: 770275

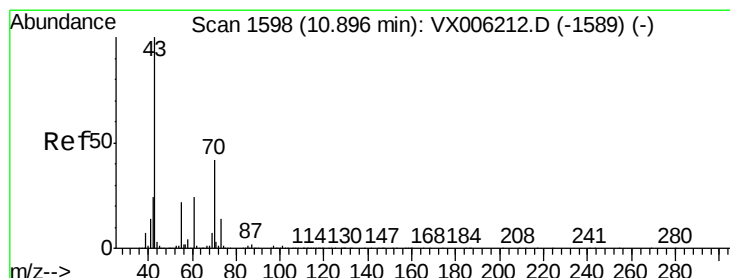
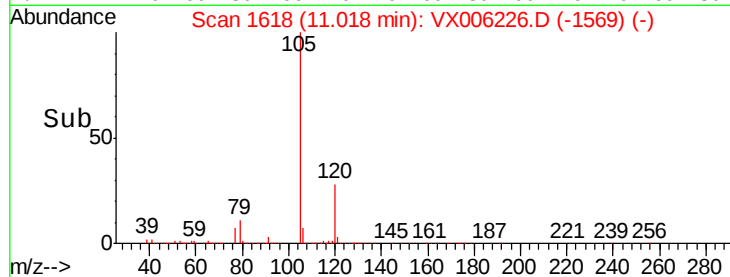
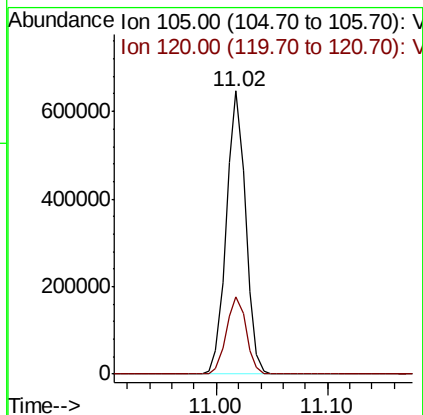
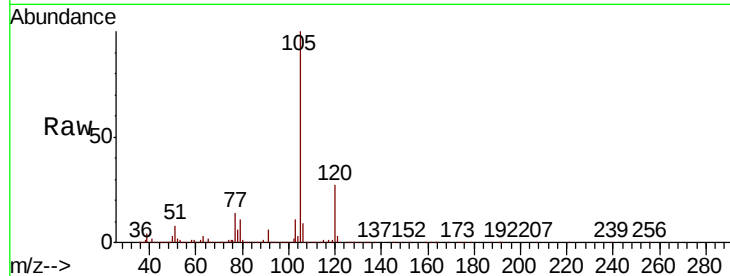
Ion Ratio Lower Upper

105 100

120 28.4 14.1 42.3

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#74

N-ethyl acetate

Concen: 19.426 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion: 43 Resp: 325757

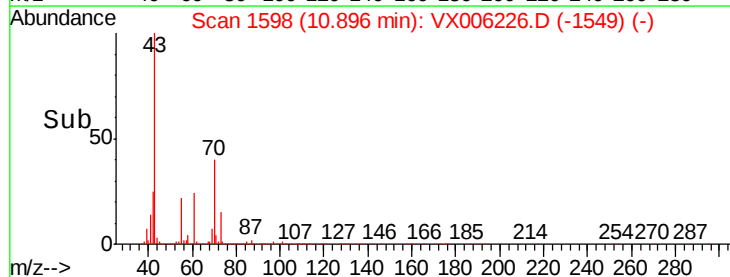
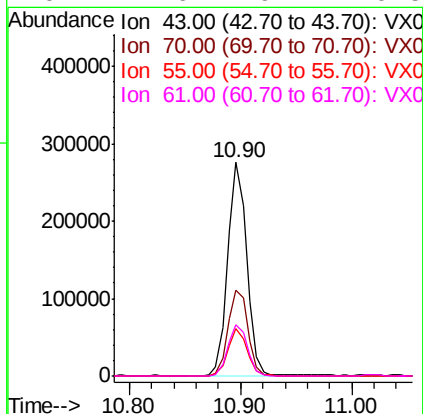
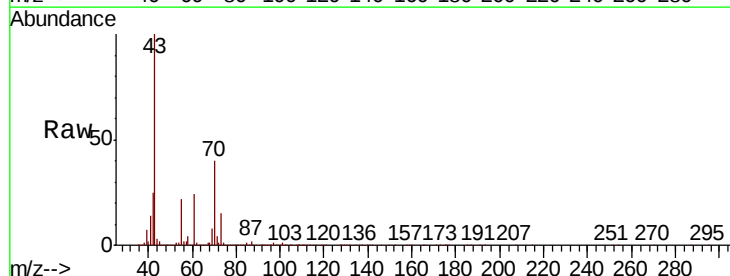
Ion Ratio Lower Upper

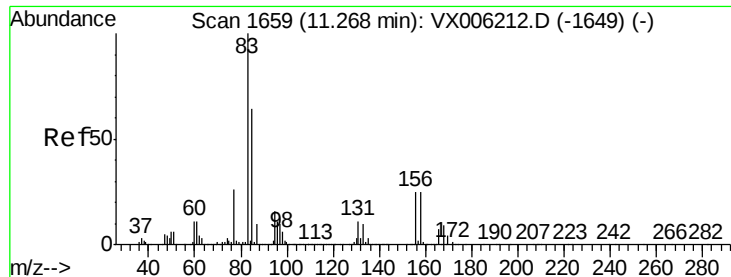
43 100

70 42.1 34.1 51.1

55 22.3 17.8 26.8

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.711 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

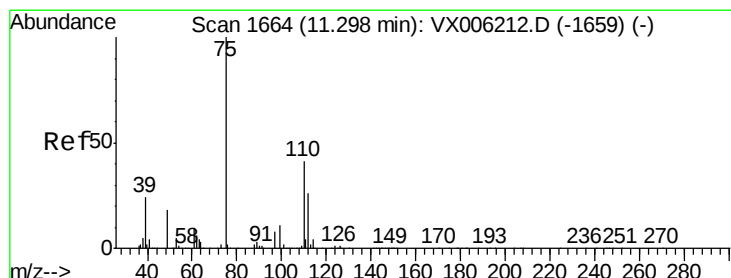
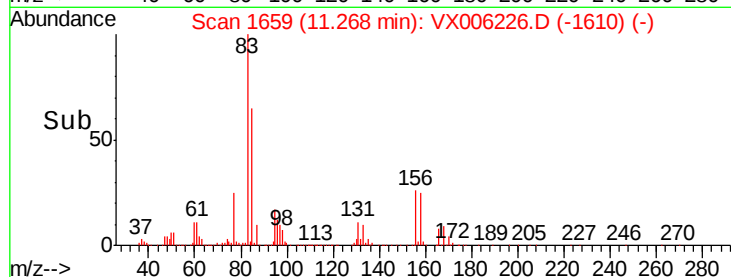
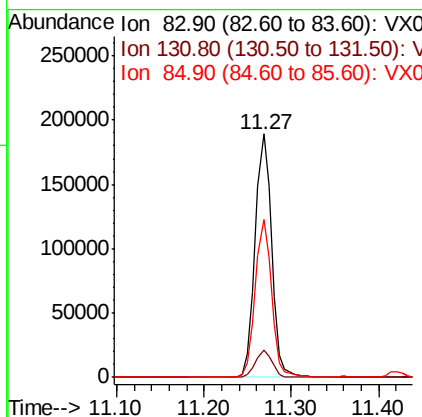
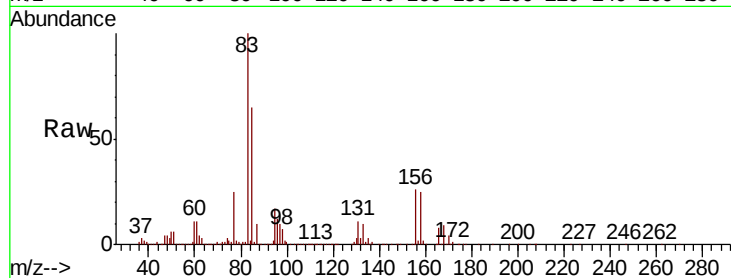
ClientSampleId :

VX1130MBS01

Tot Ion:	83	Resp:	245565
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	64.0	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#76

1,2,3-Trichloropropane

Concen: 17.866 ug/l m

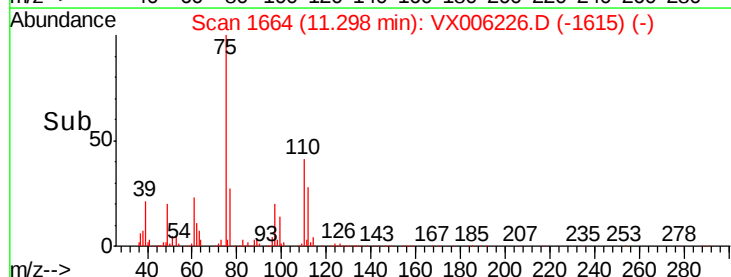
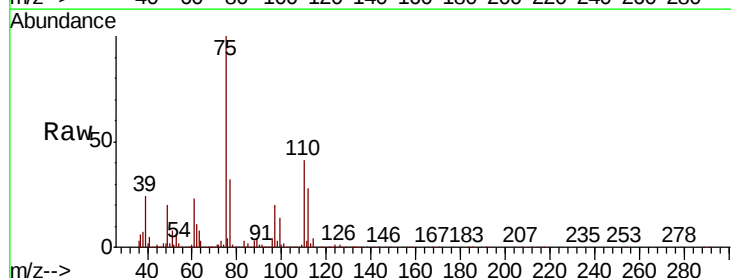
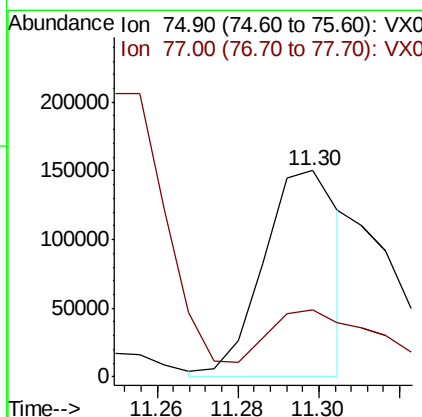
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	75	Resp:	194445
Ion Ratio	Lower	Upper	
75	100		
77	47.4	19.9	59.7





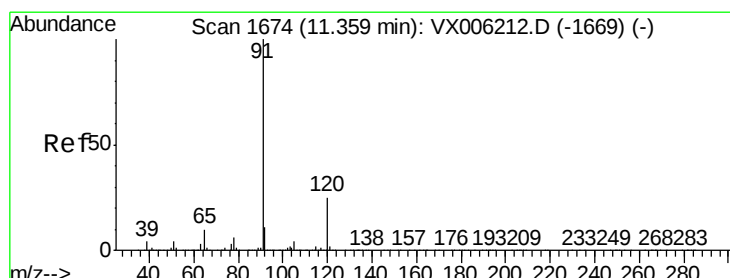
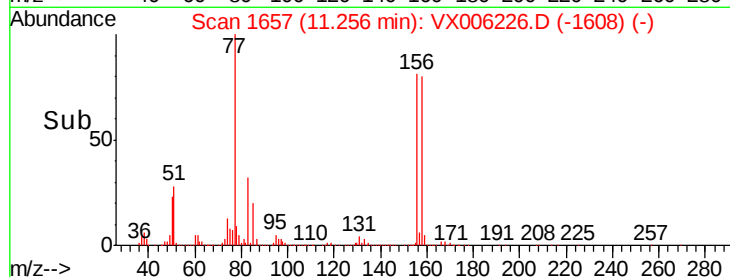
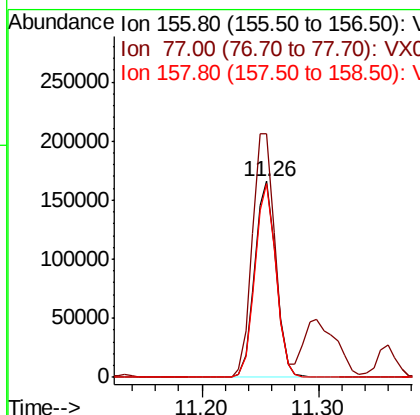
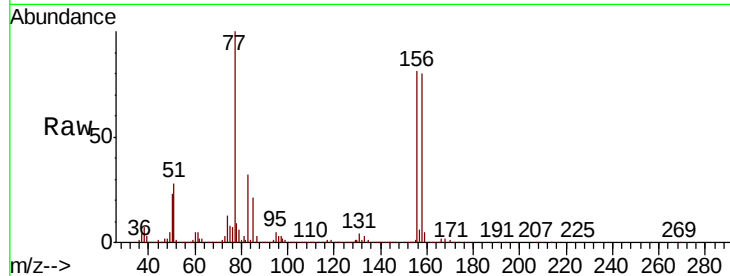
#77
Bromobenzene
Concen: 19.631 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.9	66.2	198.6
158	97.6	48.8	146.4

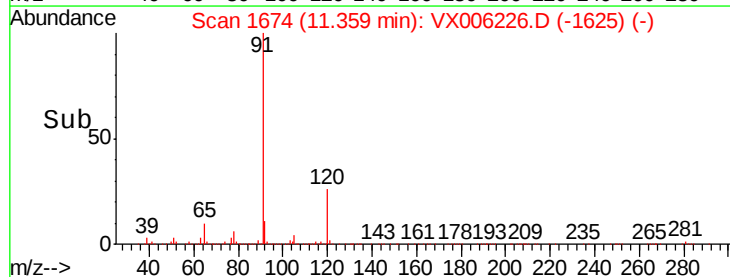
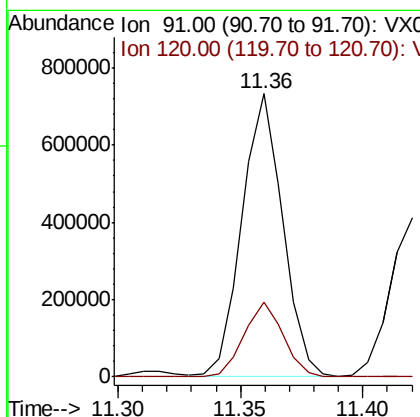
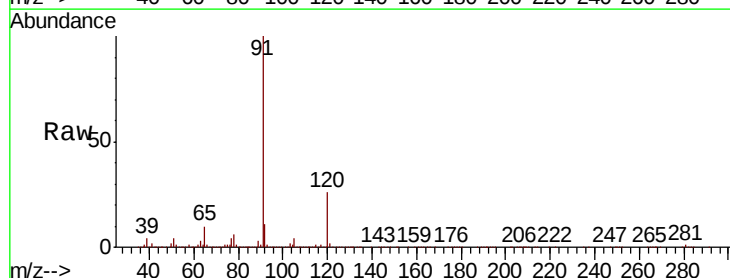
Manual Integrations
APPROVED

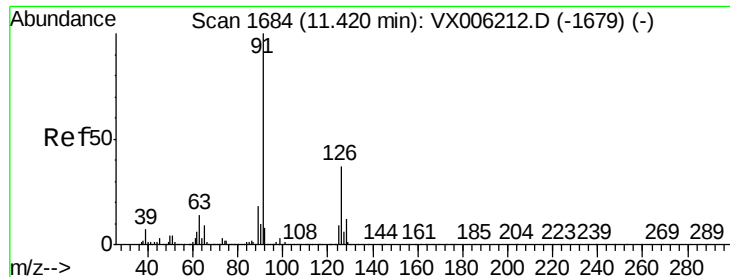
MMDadoda
12/3/2018 11:59:35 AM



#78
n-propylbenzene
Concen: 19.448 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.669 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 91 Resp: 506043

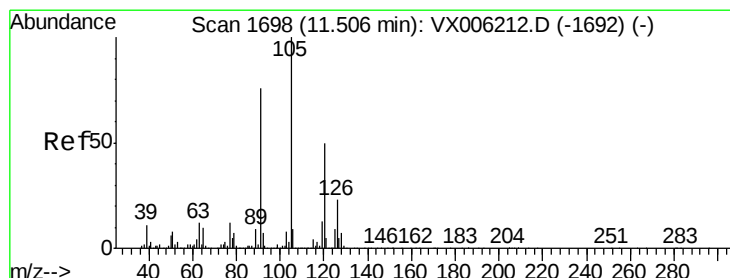
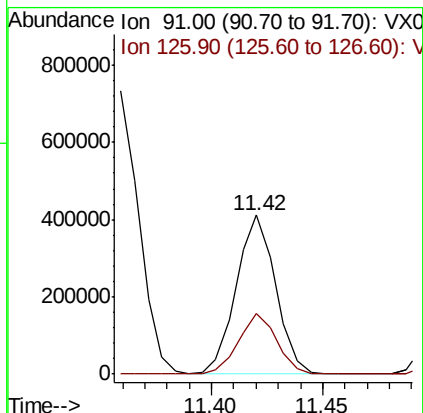
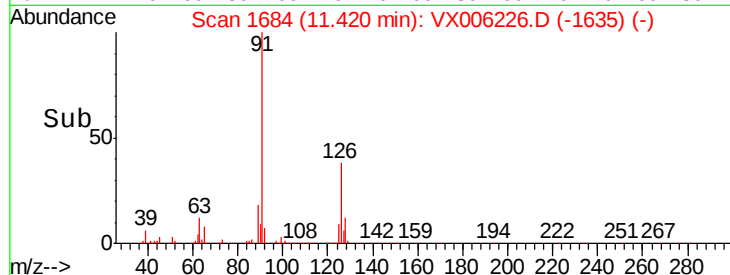
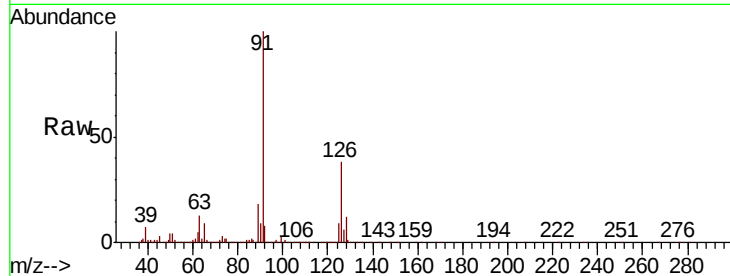
Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.478 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006226.D

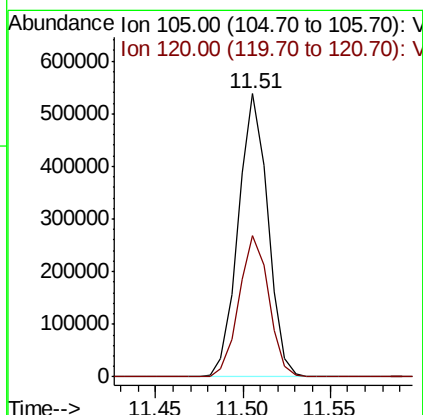
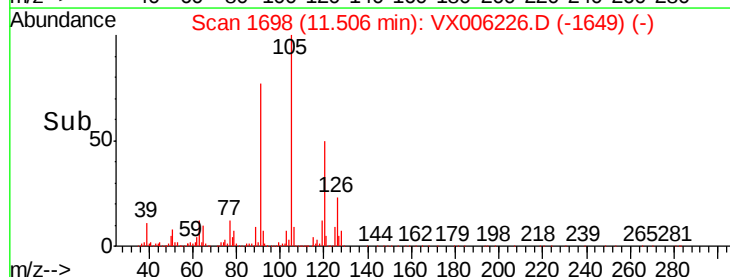
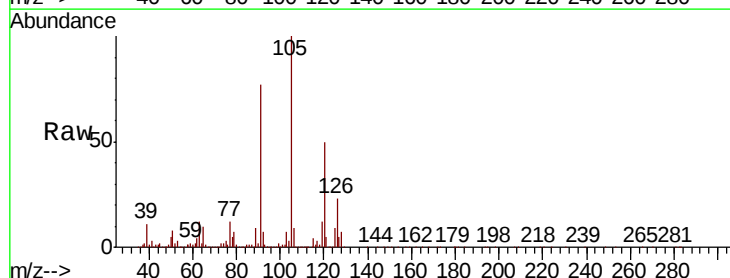
Acq: 30 Nov 2018 13:23

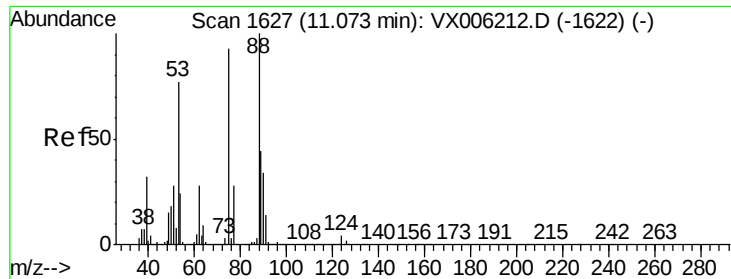
Tgt Ion: 105 Resp: 631075

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.889 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

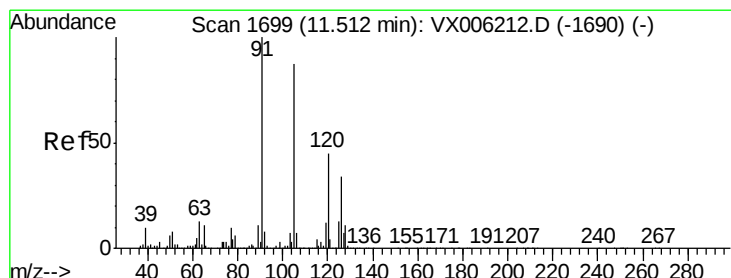
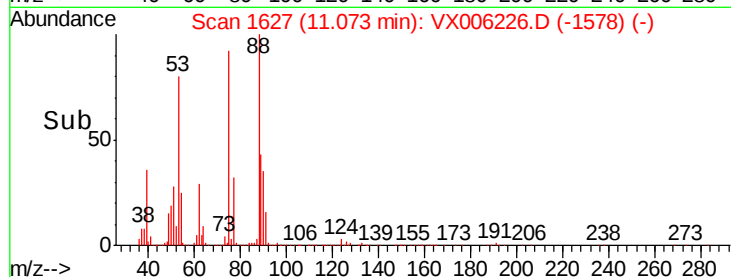
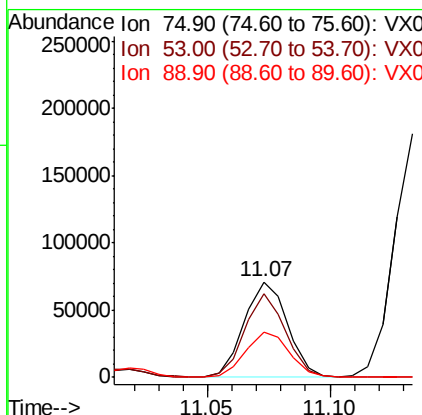
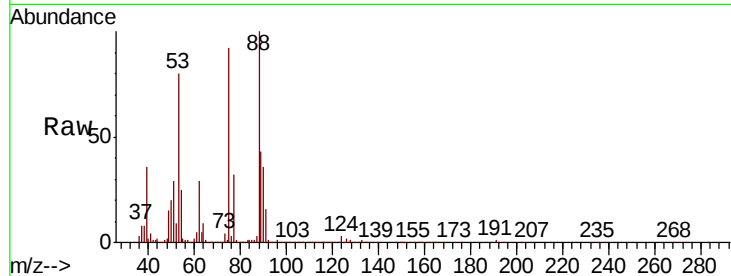
ClientSampleId :

VX1130MBS01

Tot Ion:	75	Resp:	87606
Ion	Ratio	Lower	Upper
75	100		
53	81.9	64.4	96.6
89	48.5	44.2	66.4

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#82

4-Chlorotoluene

Concen: 19.448 ug/l

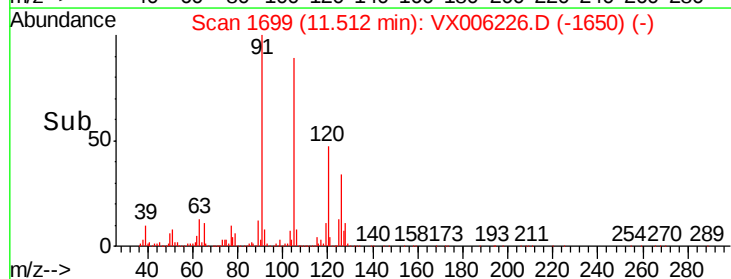
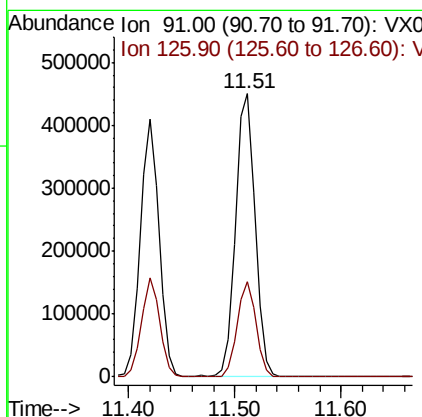
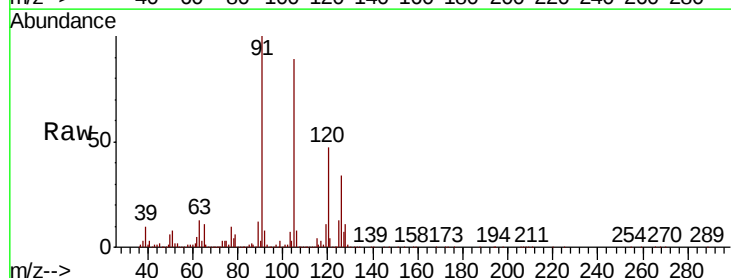
RT: 11.51 min Scan# 1699

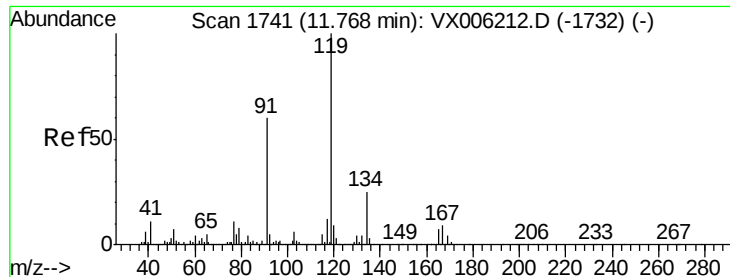
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	91	Resp:	581735
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4





#83

tert-Butylbenzene

Concen: 19.619 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

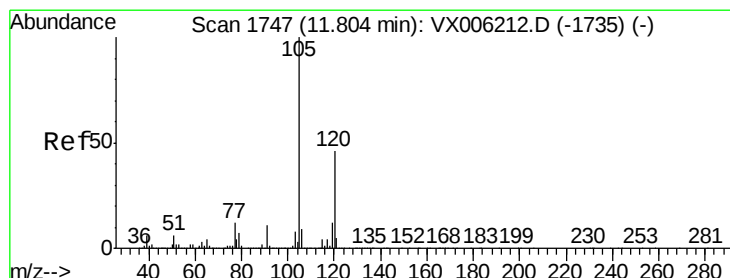
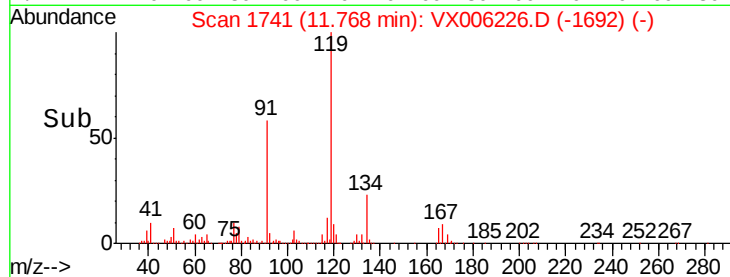
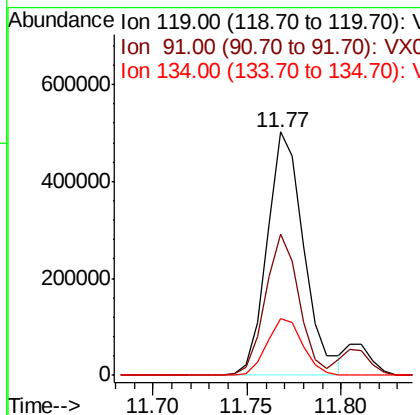
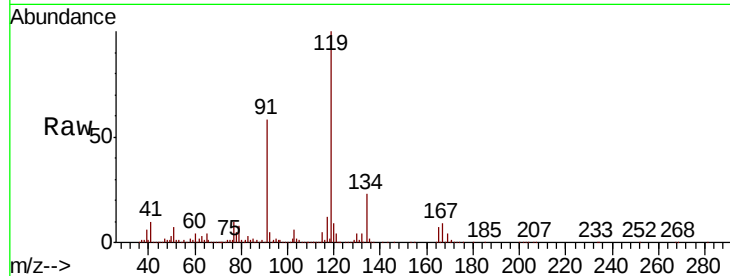
ClientSampleId :

VX1130MBS01

Tot Ion:	119	Resp:	678230
Ion Ratio	Lower	Upper	
119	100		
91	53.2	26.4	79.2
134	22.6	11.6	34.7

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.321 ug/l

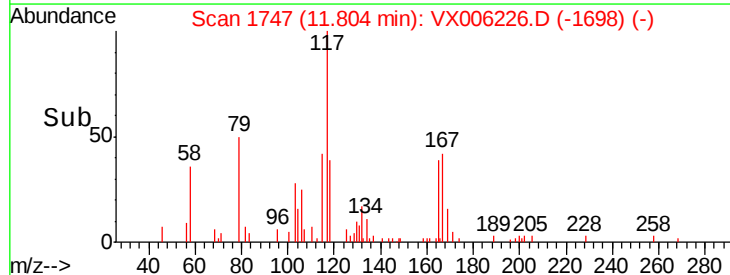
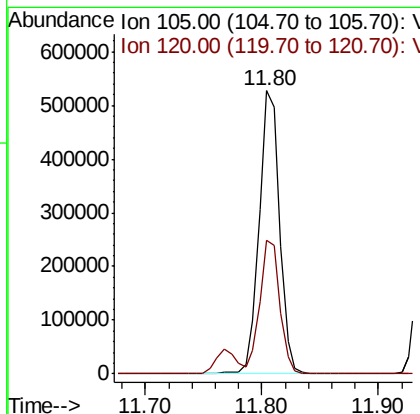
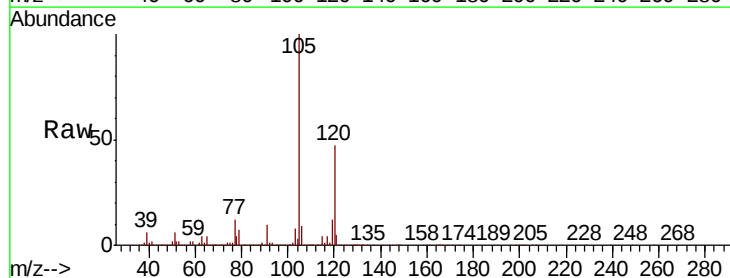
RT: 11.80 min Scan# 1747

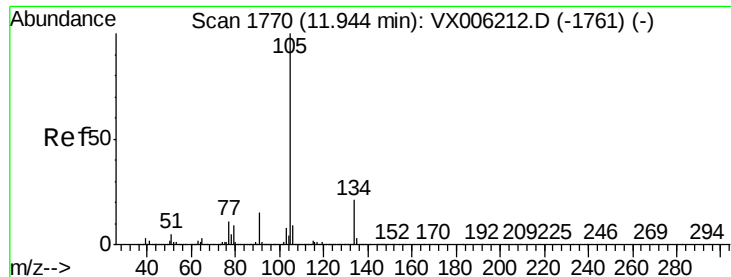
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	105	Resp:	646401
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 19.573 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion:105 Resp: 769773

Ion Ratio Lower Upper

105 100

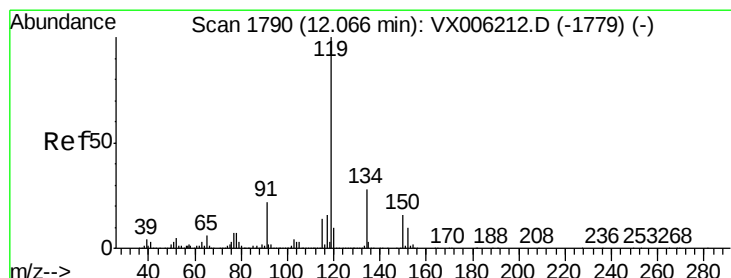
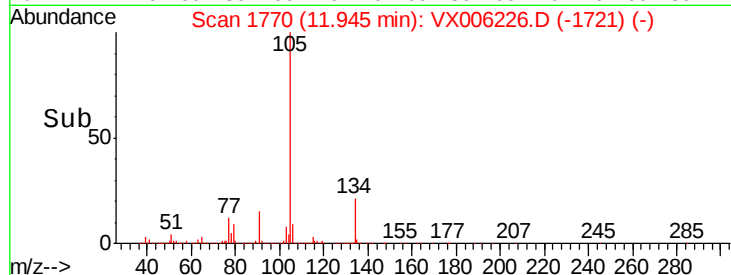
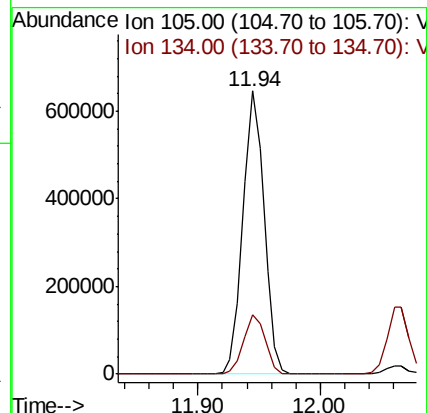
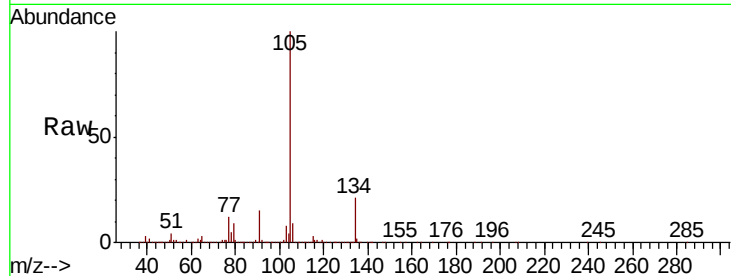
134 21.5 10.8 32.4

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:35 AM



#86

p-Isopropyltoluene

Concen: 19.116 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

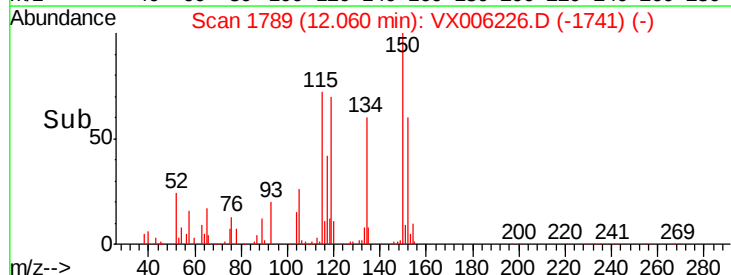
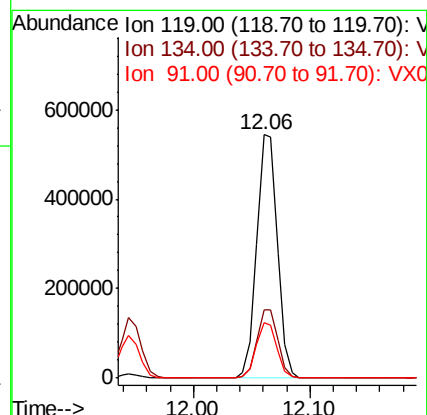
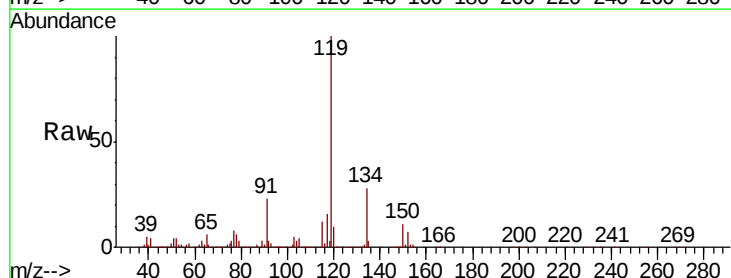
Tgt Ion:119 Resp: 676963

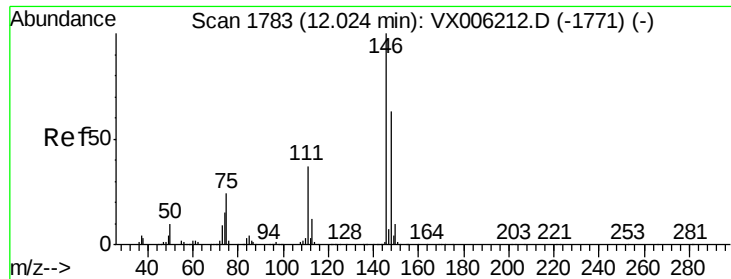
Ion Ratio Lower Upper

119 100

134 28.2 13.9 41.6

91 22.6 11.3 33.8





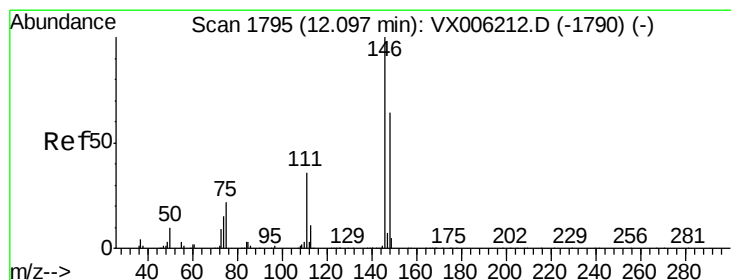
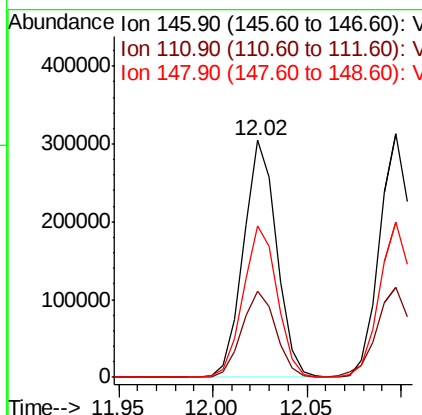
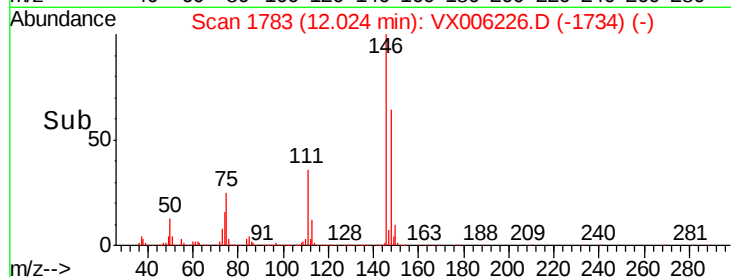
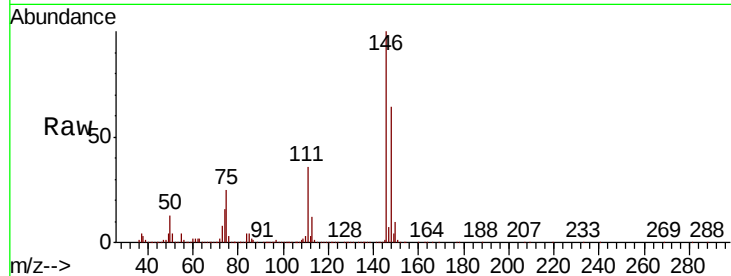
#87
 1,3-Dichlorobenzene
 Concen: 19.405 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	65.0	32.0	96.0

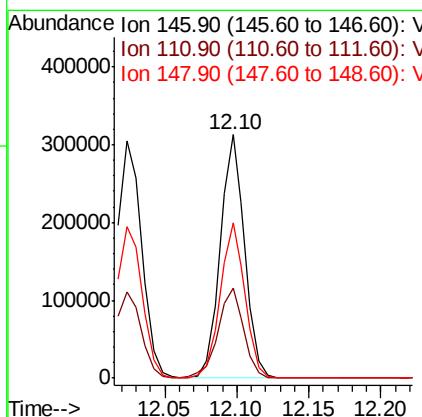
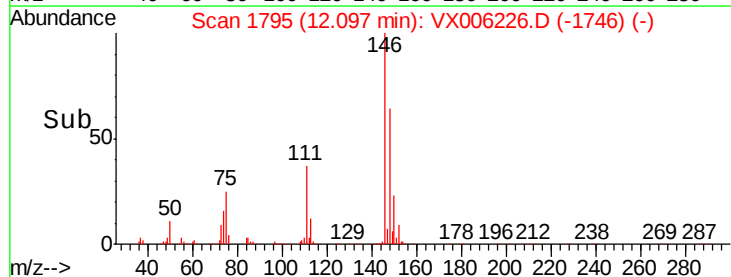
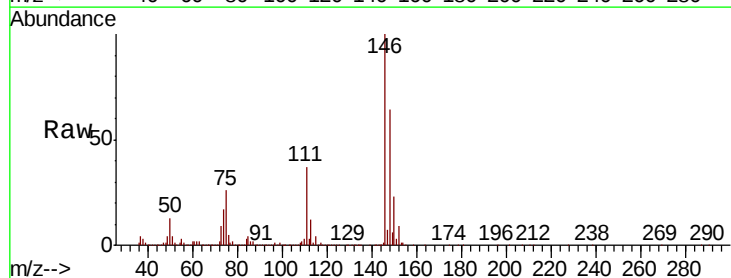
Manual Integrations
 APPROVED

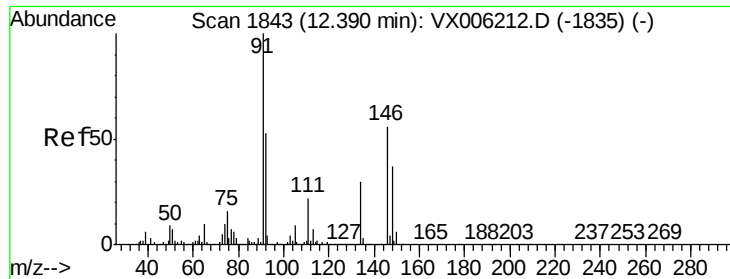
MMDadoda
 12/3/2018 11:59:35 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.999 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.3	54.8
148	64.8	31.9	95.9





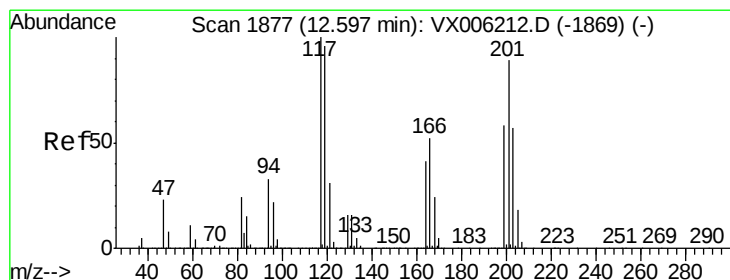
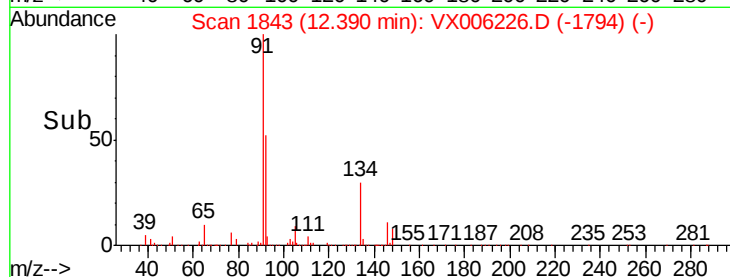
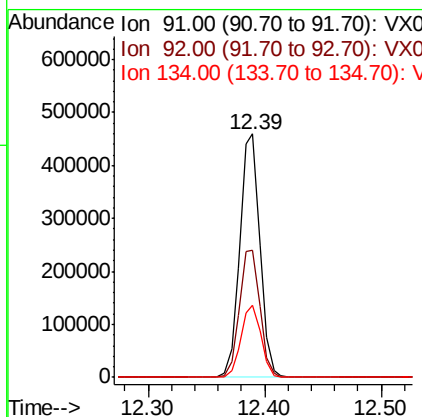
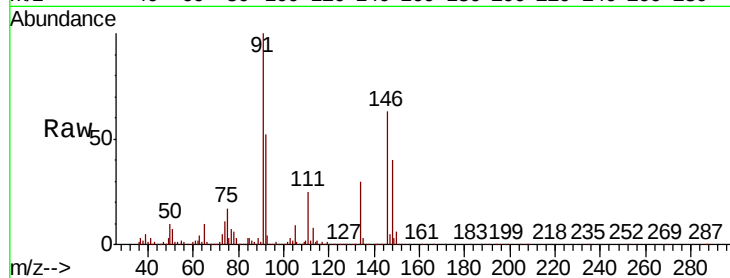
#89
n-Butylbenzene
Concen: 18.325 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	29.6	14.8	44.3

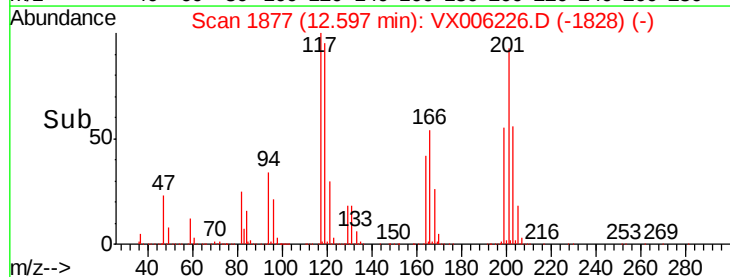
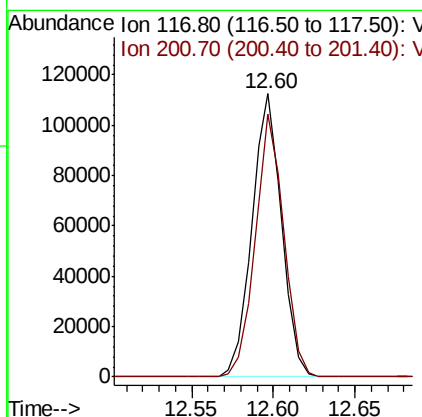
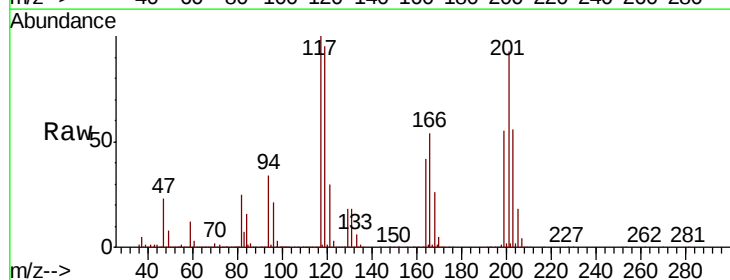
Manual Integrations
APPROVED

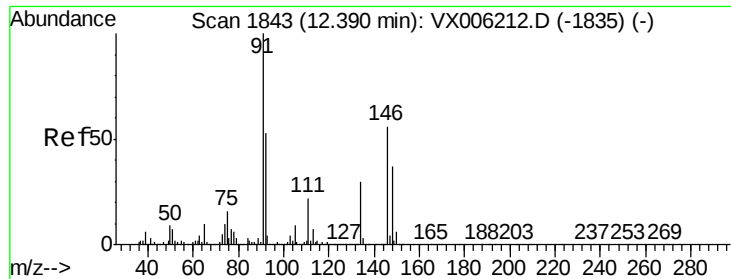
MMDadoda
12/3/2018 11:59:35 AM



#90
Hexachloroethane
Concen: 19.631 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.7	134.1





#91

1,2-Dichlorobenzene

Concen: 19.431 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

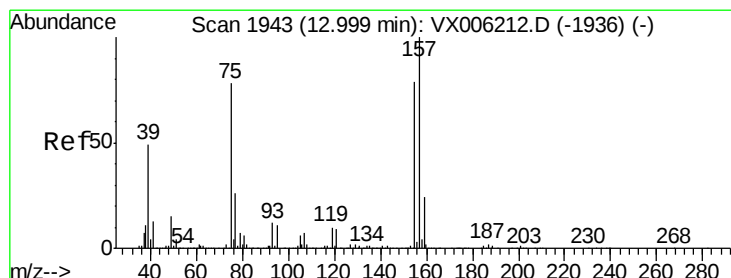
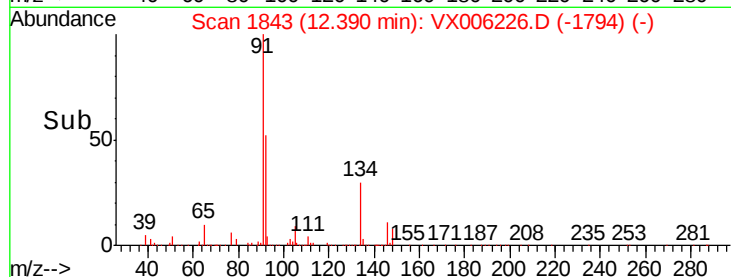
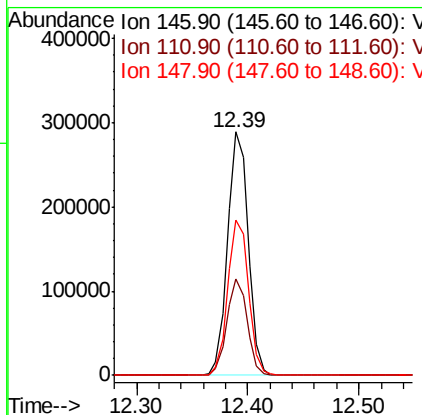
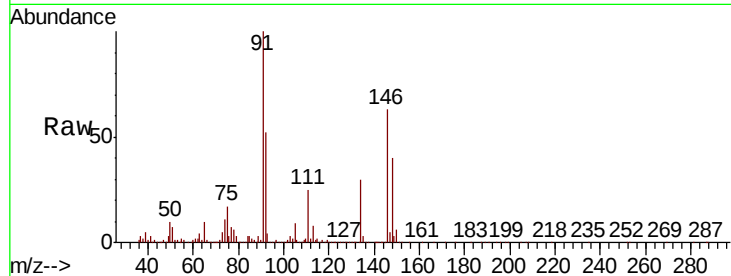
ClientSampleId :

VX1130MBS01

Tot Ion:	146	Resp:	370833
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.3
148	64.0	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.992 ug/l

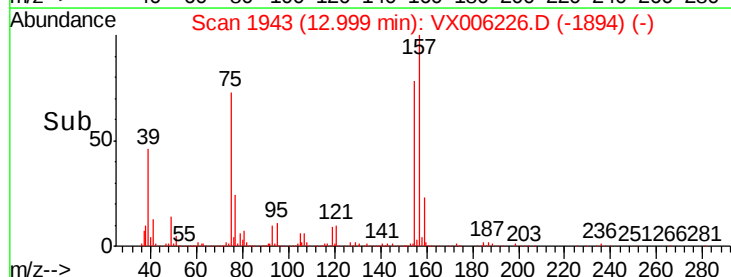
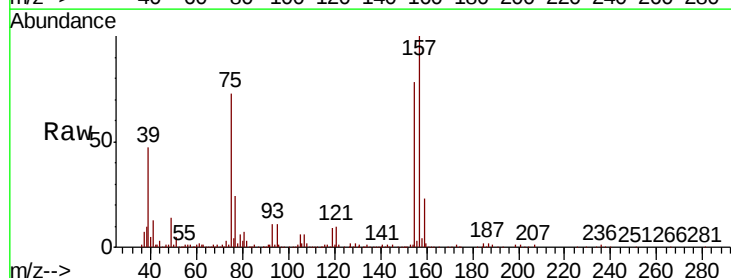
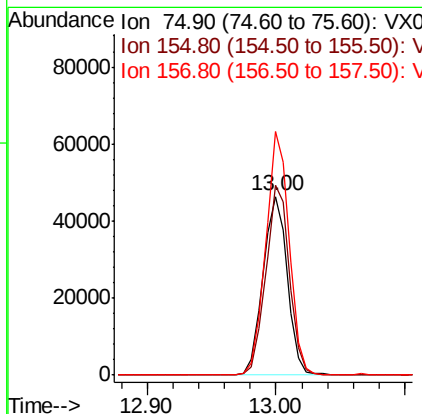
RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion:	75	Resp:	60652
Ion Ratio	Lower	Upper	
75	100		
155	103.0	53.4	160.3
157	131.0	68.0	203.8





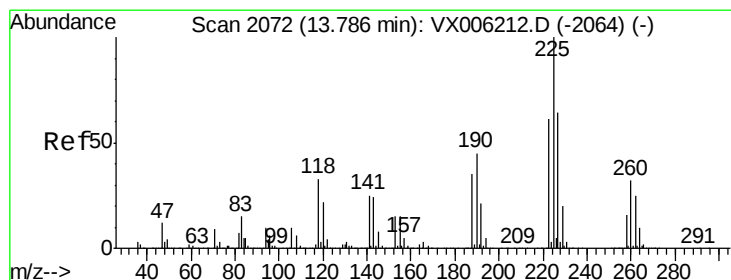
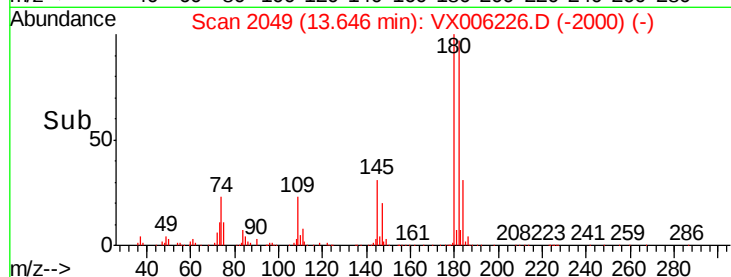
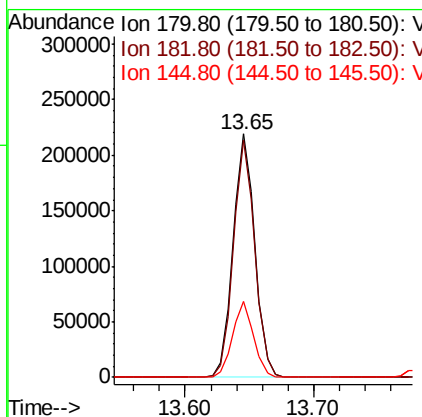
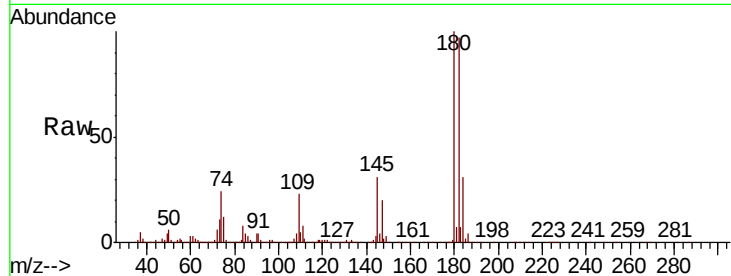
#93
 1,2,4-Trichlorobenzene
 Concen: 18.621 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	259261		
182	95.8	47.3	141.9	
145	30.4	14.6	43.8	

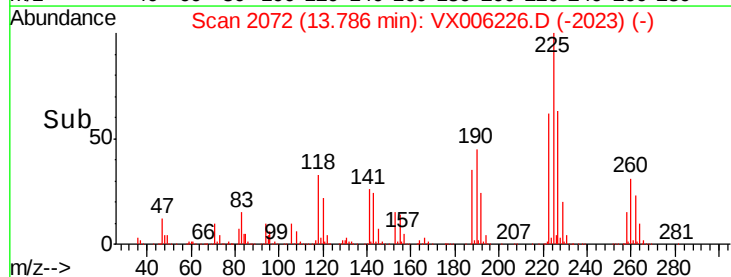
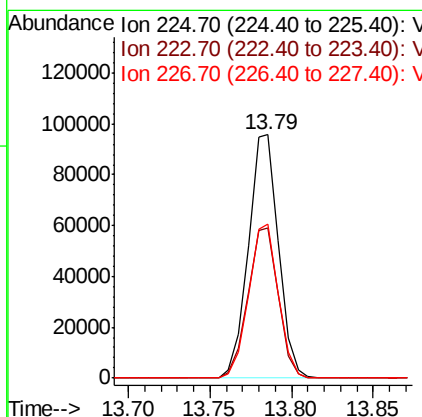
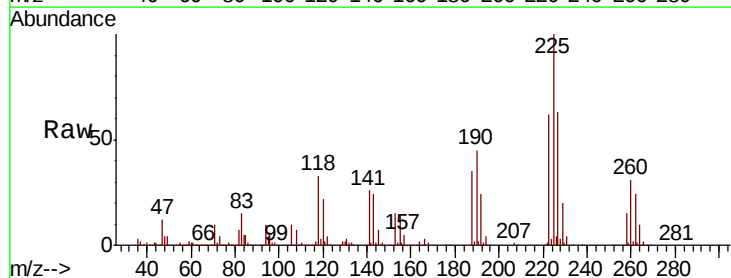
Manual Integrations
 APPROVED

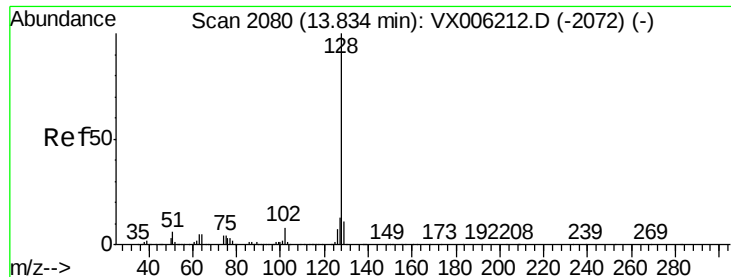
MMDadoda
 12/3/2018 11:59:35 AM



#94
 Hexachlorobutadiene
 Concen: 20.018 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123261		
223	62.1	31.2	93.6	
227	62.2	31.9	95.5	





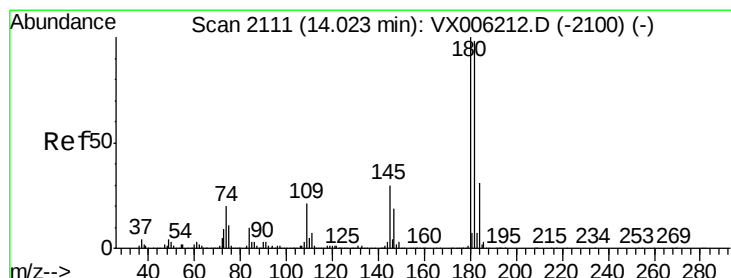
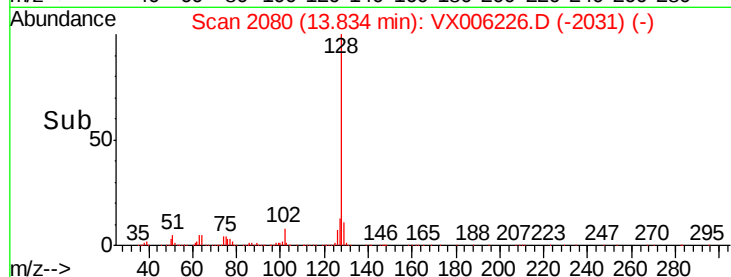
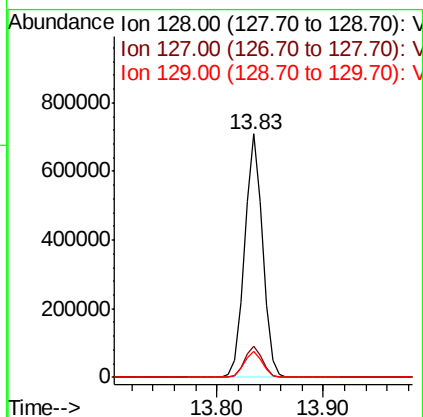
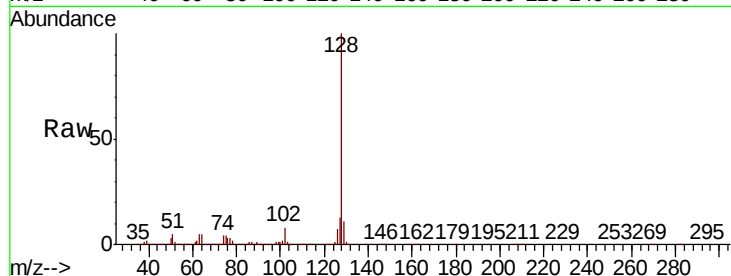
#95
Naphthalene
Concen: 19.303 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.729 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.4	145.2
145	32.8	15.6	46.8

