

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008619.D
 Acq On : 03 Apr 2019 17:44
 Operator : JC/SP
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:27 PM

Quant Time: Apr 04 06:07:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148664	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.50	113	109036	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	434872	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	154896	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40557	17.744	ug/l	100
3) Chloromethane	1.32	50	56968	19.300	ug/l	99
4) Vinyl Chloride	1.40	62	53317	17.255	ug/l	99
5) Bromomethane	1.64	94	26391	18.570	ug/l	99
6) Chloroethane	1.71	64	33531	17.928	ug/l	99
7) Trichlorofluoromethane	1.93	101	60005	17.568	ug/l	97
8) Diethyl Ether	2.19	74	28836	17.803	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38744	17.618	ug/l	100
10) Methyl Iodide	2.51	142	30244	17.895	ug/l	100
11) Tert butyl alcohol	3.05	59	62538	92.232	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40399	17.598	ug/l	97
13) Acrolein	2.29	56	26842	79.836	ug/l	95
14) Allyl chloride	2.73	41	91554	17.421	ug/l	100
15) Acrylonitrile	3.14	53	163203	90.856	ug/l	99
16) Acetone	2.45	43	149607	89.683	ug/l	99
17) Carbon Disulfide	2.57	76	118698	17.423	ug/l	99
18) Methyl Acetate	2.78	43	71465	17.664	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	149281	18.209	ug/l	99
20) Methylene Chloride	2.85	84	49115	17.589	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42841	17.253	ug/l	96
22) Diisopropyl ether	3.85	45	183523	18.118	ug/l	91
23) Vinyl Acetate	3.81	43	811575	92.102	ug/l	98
24) 1,1-Dichloroethane	3.70	63	90543	18.054	ug/l	99
25) 2-Butanone	4.68	43	244718	92.816	ug/l	100
26) 2,2-Dichloropropane	4.59	77	60157	17.031	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	49532	17.350	ug/l	99
28) Bromochloromethane	5.01	49	44051	19.161	ug/l	99
29) Tetrahydrofuran	5.13	42	159603	91.204	ug/l	99
30) Chloroform	5.21	83	80436	17.957	ug/l	100
31) Cyclohexane	5.58	56	87461	17.478	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	65193	18.011	ug/l	100
36) 1,1-Dichloropropene	5.80	75	61463	16.755	ug/l	99
37) Ethyl Acetate	4.84	43	89477	18.274	ug/l	97
38) Carbon Tetrachloride	5.79	117	52757	17.376	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008619.D
 Acq On : 03 Apr 2019 17:44
 Operator : JC/SP
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0403WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:27 PM

Quant Time: Apr 04 06:07:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76135	16.801	ug/l	99
40) Benzene	6.14	78	192594	17.623	ug/l	98
41) Methacrylonitrile	5.04	41	49282	17.510	ug/l	97
42) 1,2-Dichloroethane	6.20	62	68601	17.510	ug/l	100
43) Isopropyl Acetate	6.45	43	137490	17.925	ug/l	99
44) Trichloroethene	7.21	130	43137	16.948	ug/l	99
45) 1,2-Dichloropropane	7.51	63	55082	17.659	ug/l	100
46) Dibromomethane	7.66	93	31179	17.235	ug/l	99
47) Bromodichloromethane	7.90	83	60234	17.659	ug/l	98
48) Methyl methacrylate	7.77	41	69903	18.016	ug/l	100
49) 1,4-Dioxane	7.74	88	26916	370.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	464678	94.109	ug/l	100
52) Toluene	8.79	92	115388	17.909	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	66482	17.399	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74813	17.135	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	47099	18.212	ug/l	98
56) Ethyl methacrylate	9.18	69	86286	18.440	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83930	18.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	233187	97.595	ug/l	100
59) 2-Hexanone	9.49	43	357097	93.060	ug/l	100
60) Dibromochloromethane	9.58	129	43476	17.840	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47699	17.717	ug/l	98
64) Tetrachloroethene	9.34	164	36909	16.769	ug/l	98
65) Chlorobenzene	10.14	112	115069	17.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	40278	17.434	ug/l	98
67) Ethyl Benzene	10.25	91	216981	17.670	ug/l	99
68) m/p-Xylenes	10.36	106	153644	34.799	ug/l	99
69) o-Xylene	10.70	106	75835	17.724	ug/l	100
70) Styrene	10.71	104	131197	17.788	ug/l	99
71) Bromoform	10.86	173	30560	17.320	ug/l #	98
73) Isopropylbenzene	11.02	105	202574	18.412	ug/l	100
74) N-amyl acetate	10.90	43	120146	18.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77995	18.640	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	65789m	18.039	ug/l	
77) Bromobenzene	11.26	156	47521	17.967	ug/l	99
78) n-propylbenzene	11.36	91	231968	18.107	ug/l	100
79) 2-Chlorotoluene	11.42	91	139757	18.027	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	168021	18.193	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22803	17.235	ug/l	93
82) 4-Chlorotoluene	11.51	91	157475	17.549	ug/l	100
83) tert-Butylbenzene	11.77	119	159424	17.943	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	171831	18.375	ug/l	99
85) sec-Butylbenzene	11.94	105	192653	18.254	ug/l	99
86) p-Isopropyltoluene	12.06	119	171068	18.059	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82261	17.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83179	17.348	ug/l	99
89) n-Butylbenzene	12.38	91	155830	17.541	ug/l	99
90) Hexachloroethane	12.60	117	27787	17.686	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	83758	17.816	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16753	18.200	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040319\
Data File : VX008619.D
Acq On : 03 Apr 2019 17:44
Operator : JC/SP
Sample : VX0403WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

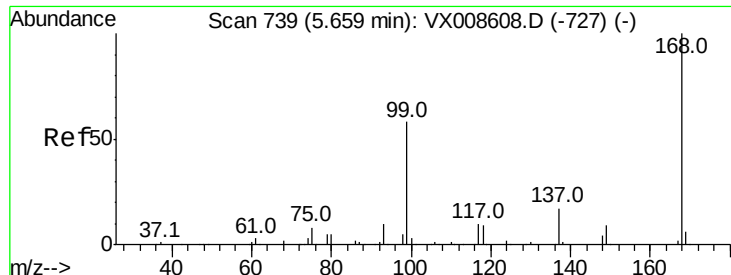
Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM

Quant Time: Apr 04 06:07:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55742	17.053	ug/l	99
94) Hexachlorobutadiene	13.78	225	27718	17.681	ug/l	99
95) Naphthalene	13.83	128	194553	17.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57023	17.460	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion:168 Resp: 198571

Ion Ratio Lower Upper

168 100

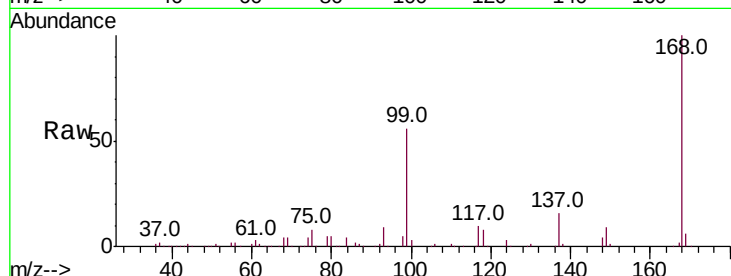
99 56.3 46.7 70.1

Manual Integrations

APPROVED

MMDadoda

4/4/2019 3:37:27 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

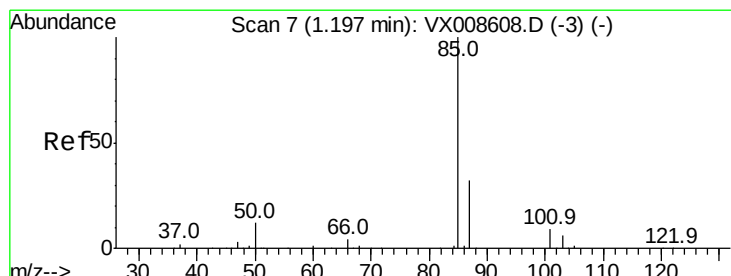
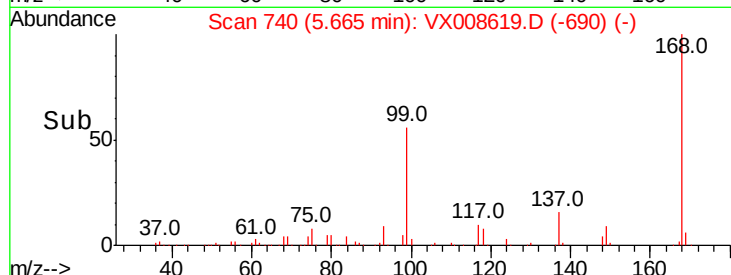
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.744 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008619.D

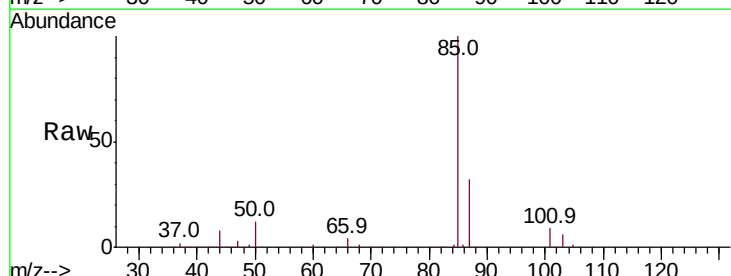
Acq: 03 Apr 2019 17:44

Tgt Ion: 85 Resp: 40557

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

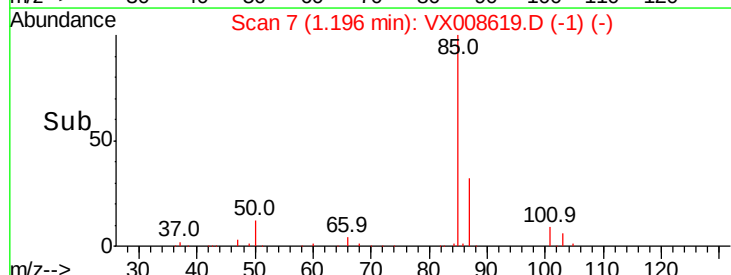
20000

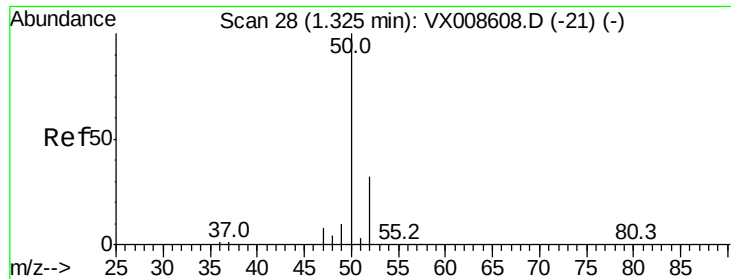
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.300 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion: 50 Resp: 56968

Ion Ratio Lower Upper

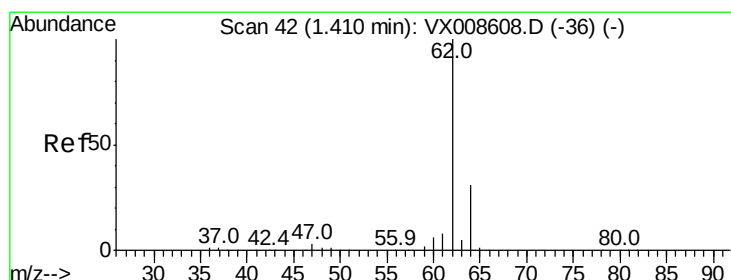
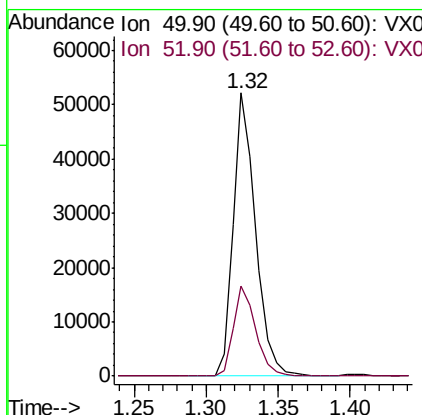
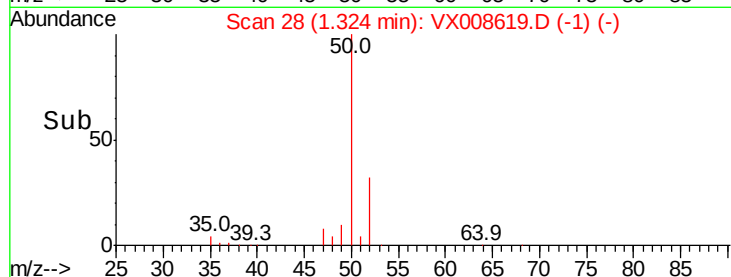
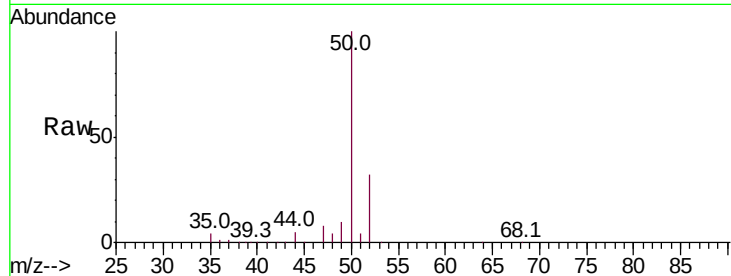
50 100

52 31.8 25.8 38.8

Manual Integrations
APPROVED

MMDadoda

4/4/2019 3:37:27 PM



#4

Vinyl Chloride

Concen: 17.255 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008619.D

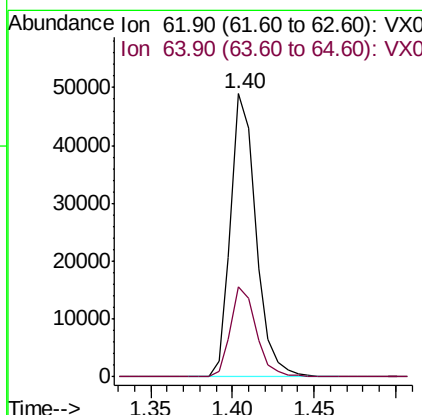
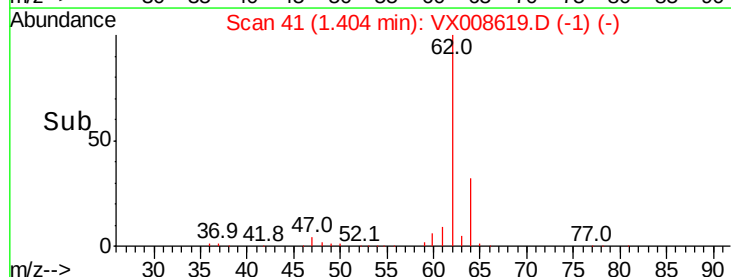
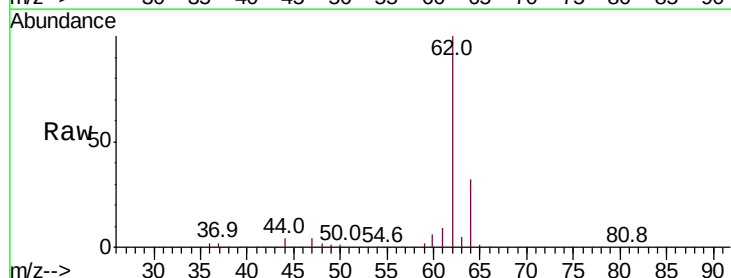
Acq: 03 Apr 2019 17:44

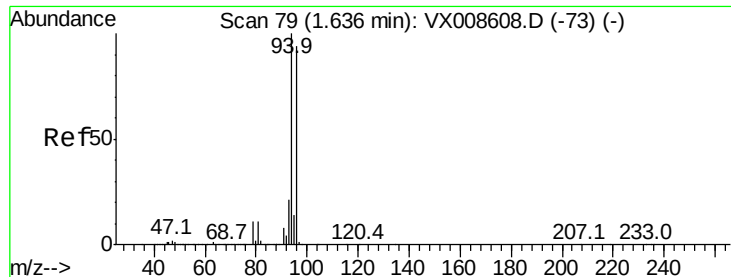
Tgt Ion: 62 Resp: 53317

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1





#5

Bromomethane

Concen: 18.570 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion: 94 Resp: 26391

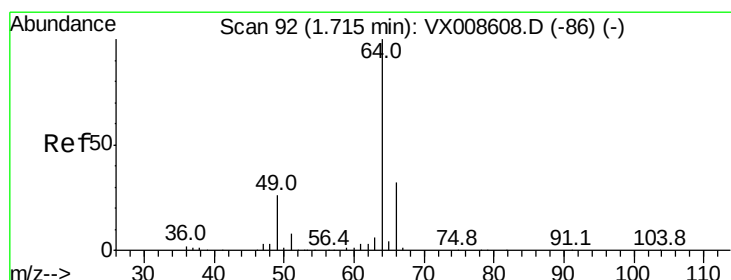
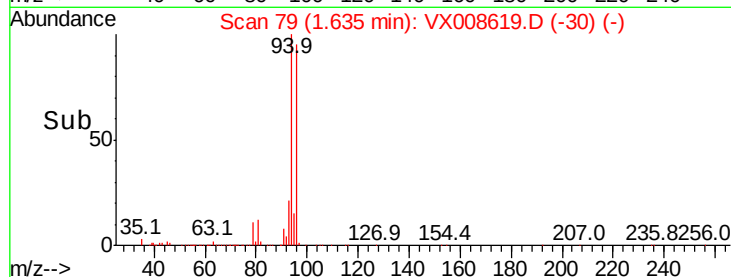
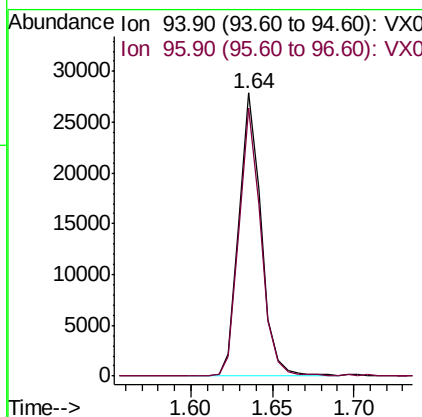
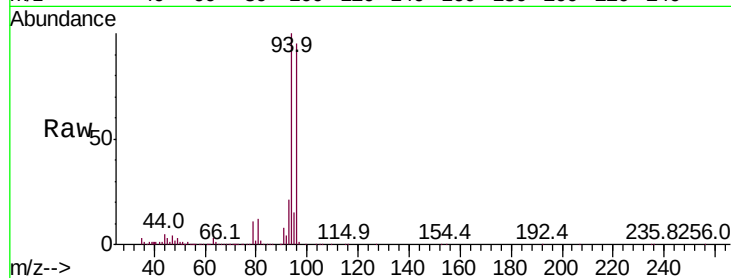
Ion Ratio Lower Upper

94 100

96 94.7 75.2 112.8

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#6

Chloroethane

Concen: 17.928 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008619.D

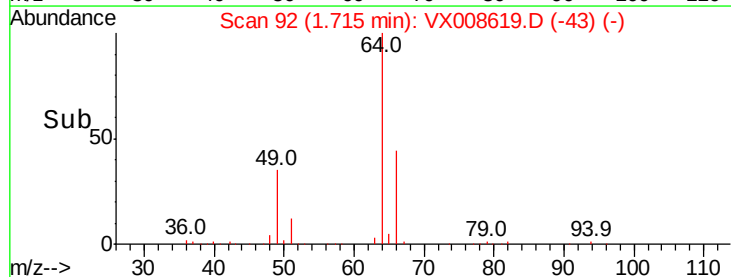
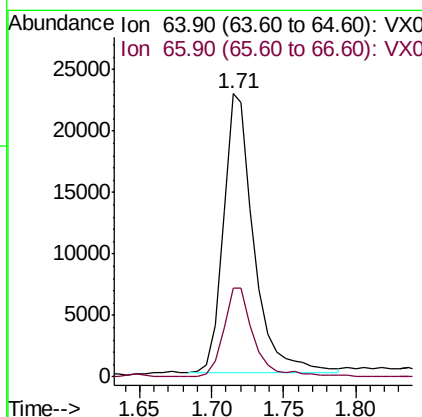
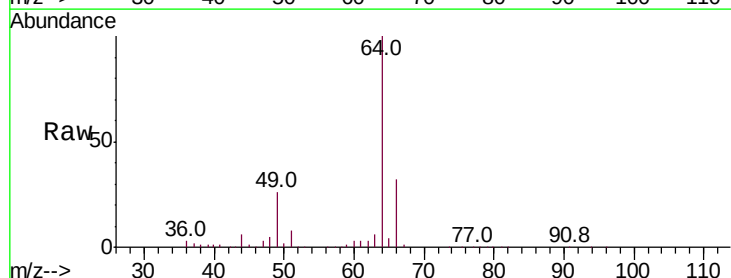
Acq: 03 Apr 2019 17:44

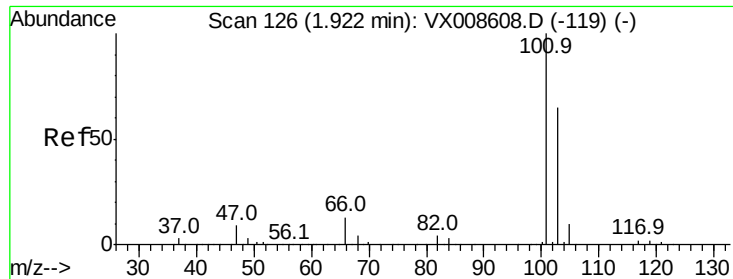
Tgt Ion: 64 Resp: 33531

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0





#7

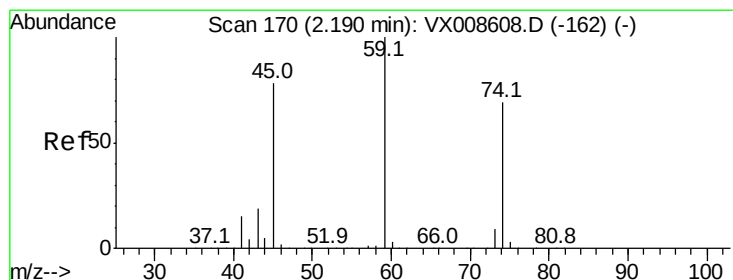
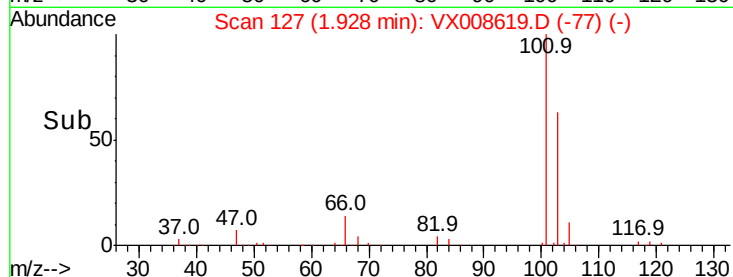
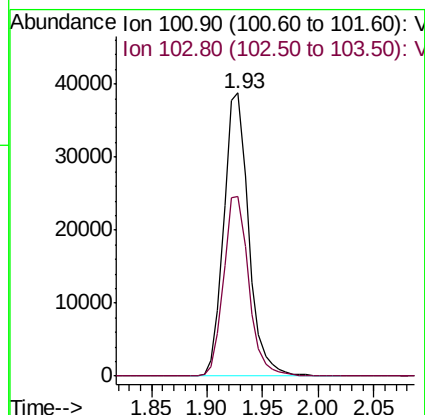
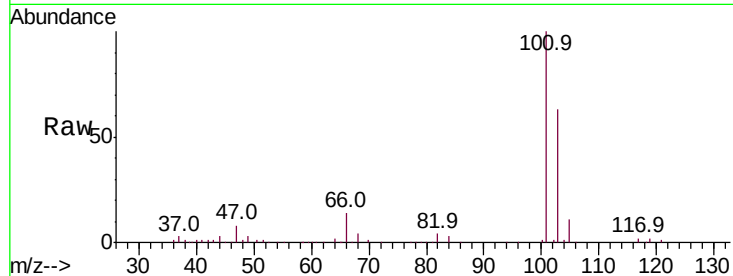
Trichlorofluoromethane
Concen: 17.568 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion:101 Resp: 60005
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5

Manual Integrations
APPROVED

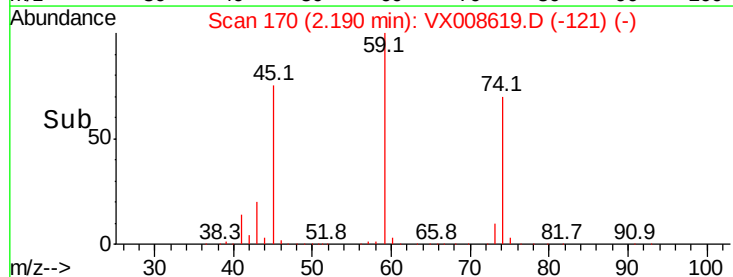
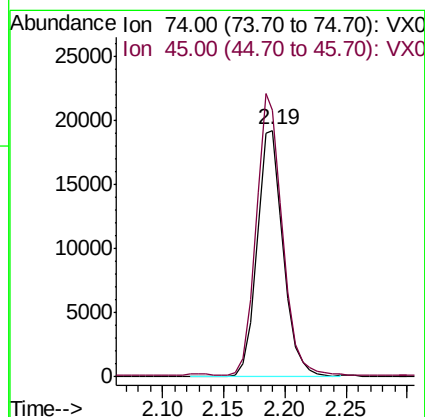
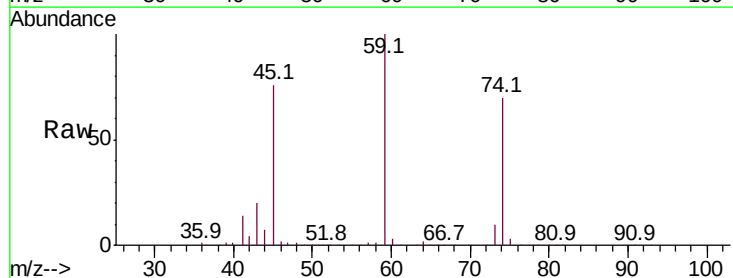
MMDadoda
4/4/2019 3:37:27 PM

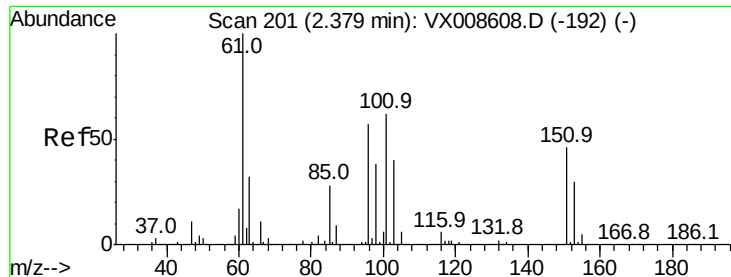


#8

Diethyl Ether
Concen: 17.803 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 74 Resp: 28836
Ion Ratio Lower Upper
74 100
45 113.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.618 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

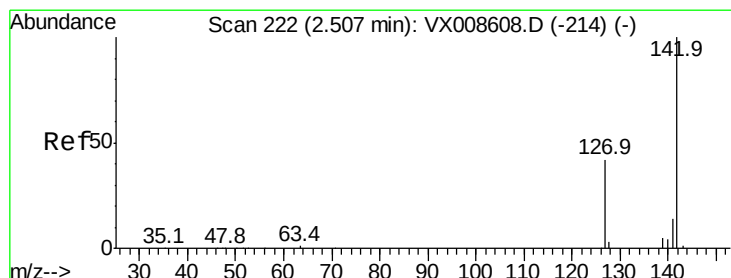
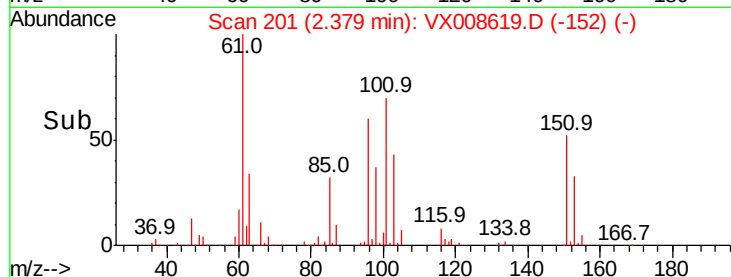
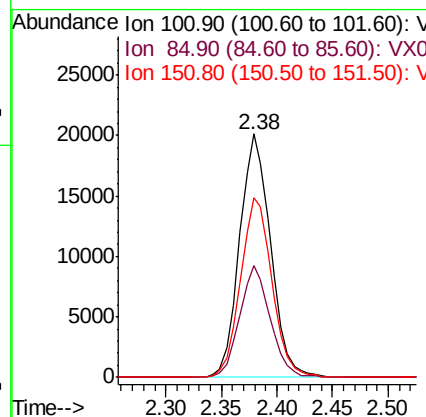
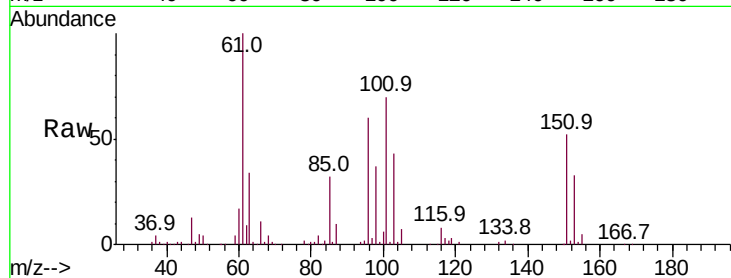
ClientSampled :

VX0403WBS01

Tot Ion:	101	Resp:	38744
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	74.8	59.9	89.9

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#10

Methyl Iodide

Concen: 17.895 ug/l

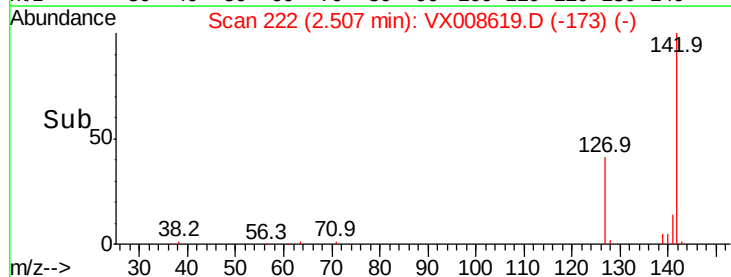
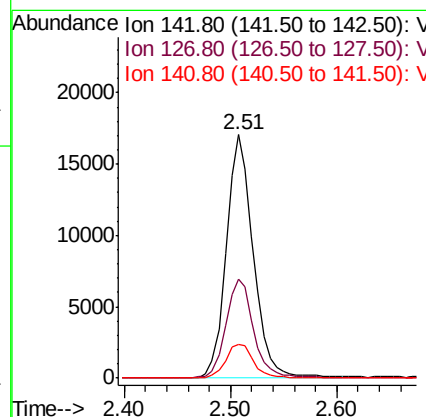
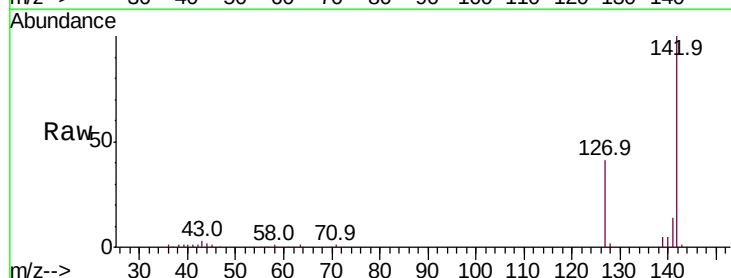
RT: 2.51 min Scan# 222

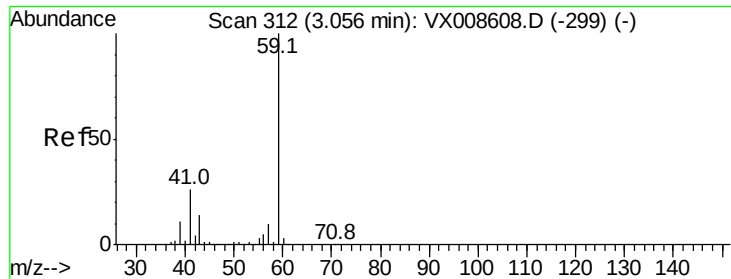
Delta R.T. 0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion:	142	Resp:	30244
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.0	49.6
141	14.3	11.4	17.2





#11

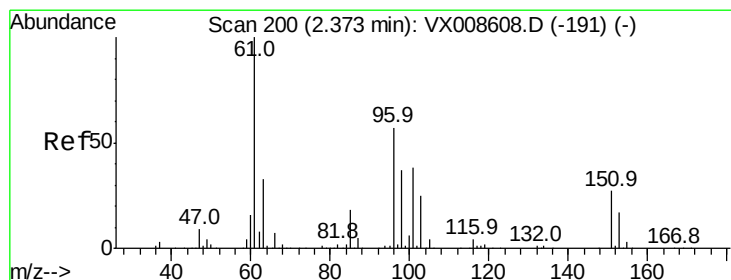
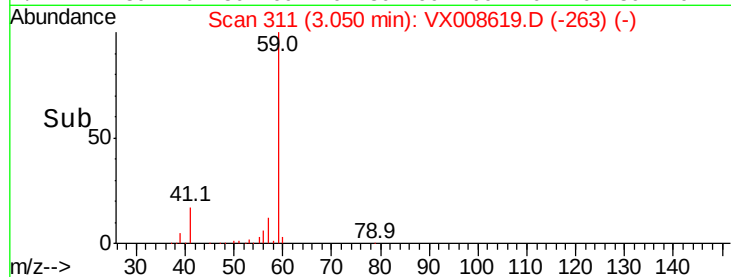
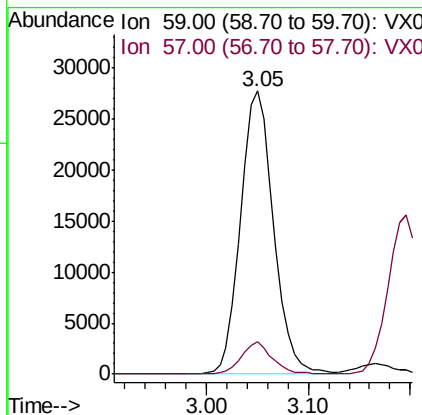
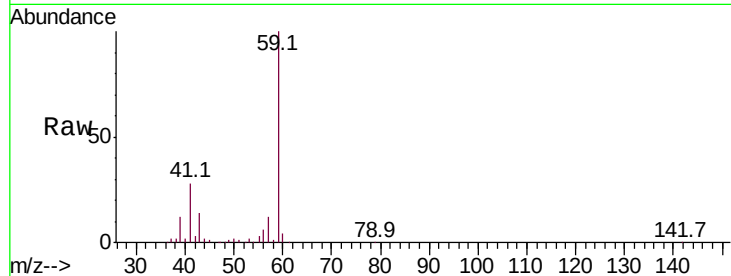
Tert butyl alcohol
 Concen: 92.232 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion	59	Resp	62538
Ion Ratio	100	Lower	Upper
57	10.9	8.3	12.5

Manual Integrations
 APPROVED

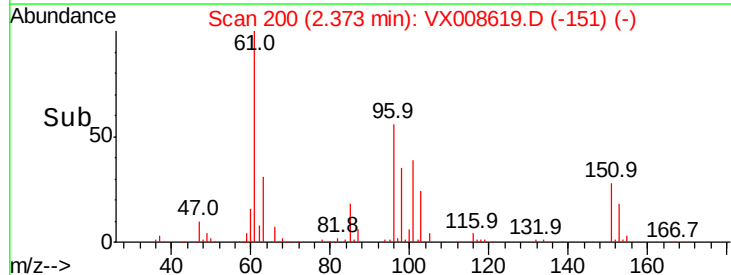
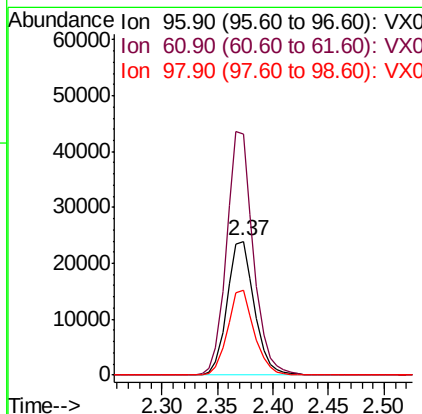
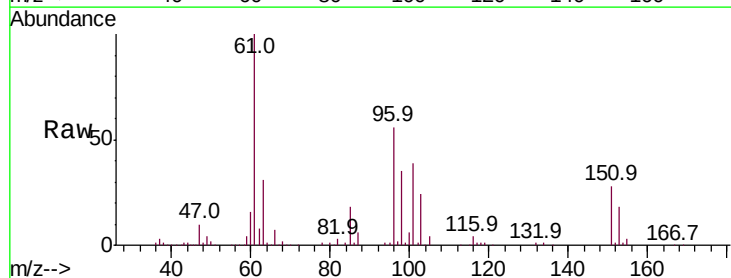
MMDadoda
 4/4/2019 3:37:27 PM

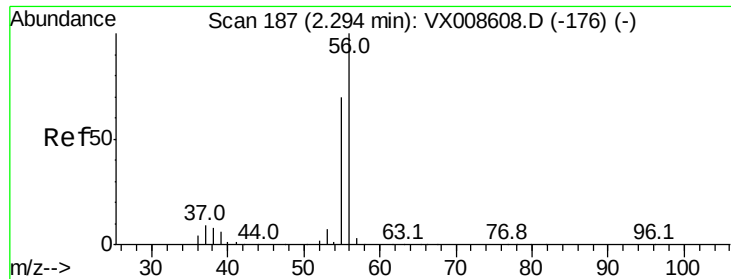


#12

1,1-Dichloroethene
 Concen: 17.598 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion	96	Resp	40399
Ion Ratio	100	Lower	Upper
61	179.9	140.9	211.3
98	63.5	52.1	78.1





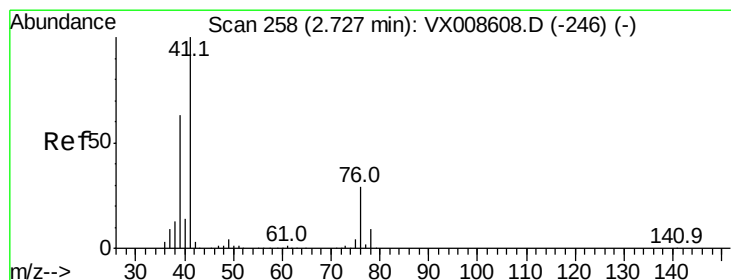
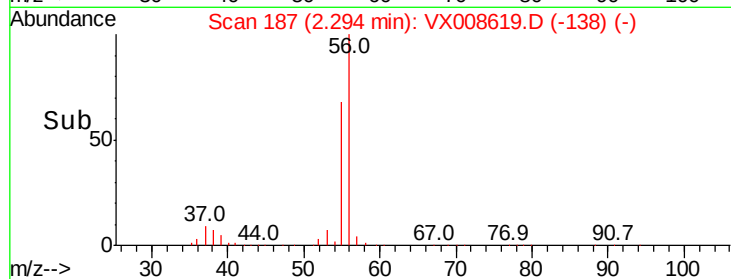
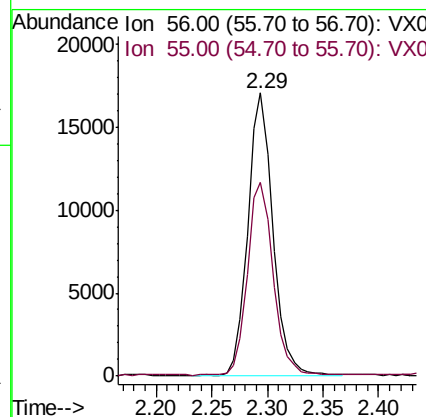
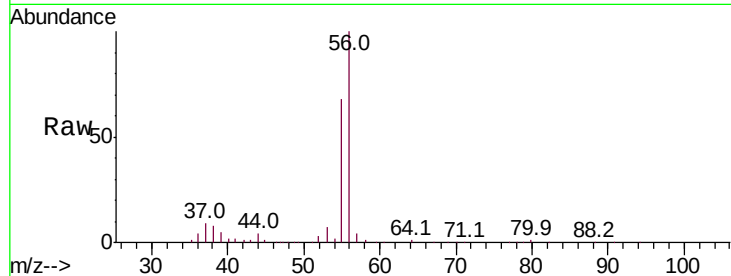
#13
Acrolein
Concen: 79.836 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	56	55	Ratio	100	Resp	26842	Lower	Upper
56	100							
55	68.7						58.0	87.0

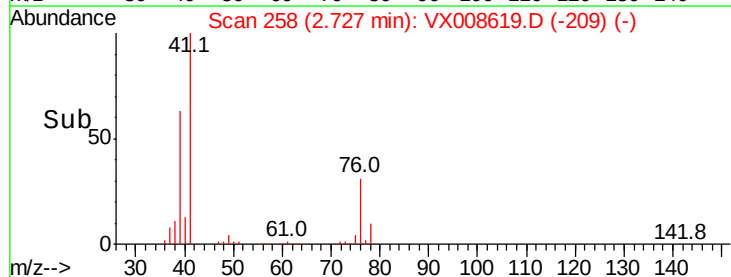
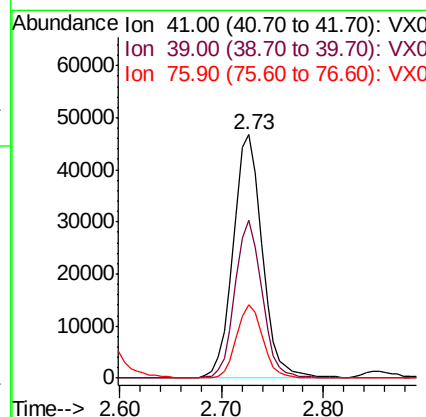
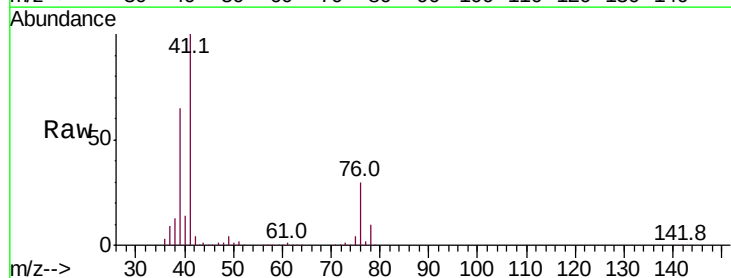
Manual Integrations
APPROVED

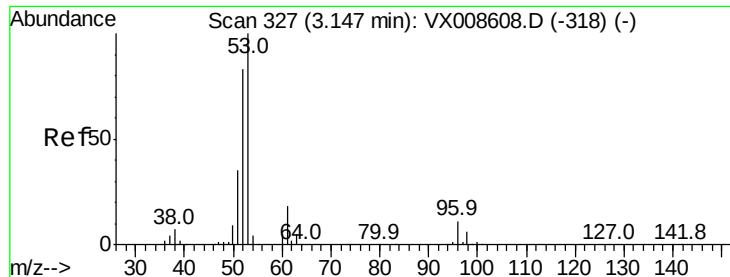
MMDadoda
4/4/2019 3:37:27 PM



#14
Allyl chloride
Concen: 17.421 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	41	39	76	Ratio	100	Resp	91554	Lower	Upper
41	100								
39	60.3						48.0	72.0	
76	27.2						22.0	33.0	





#15

Acrylonitrile

Concen: 90.856 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

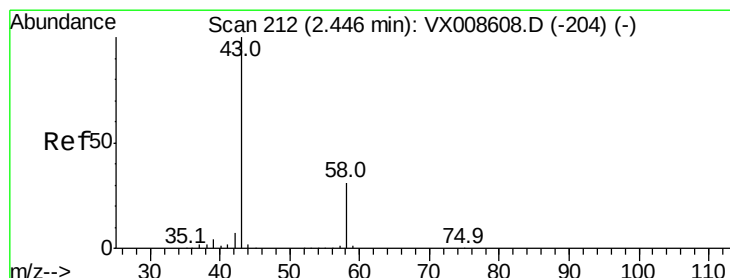
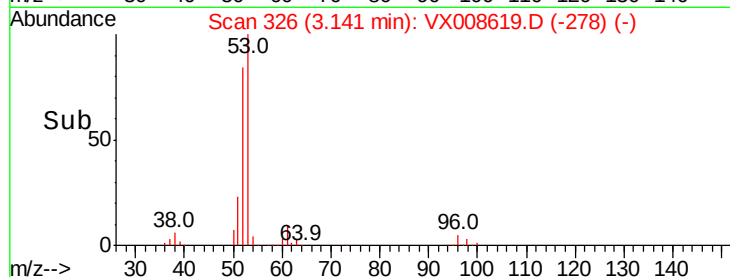
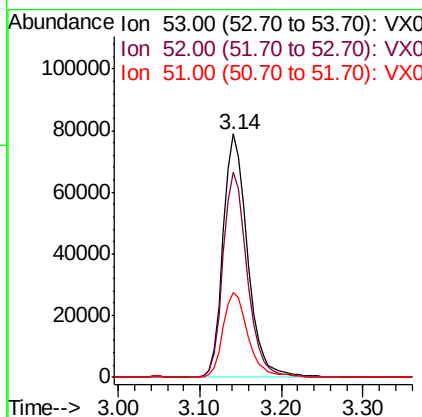
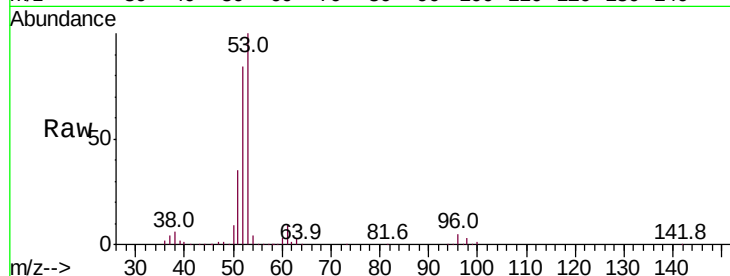
ClientSampleId :

VX0403WBS01

Tot Ion:	53	Resp:	163203
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.5	99.7
51	35.9	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#16

Acetone

Concen: 89.683 ug/l

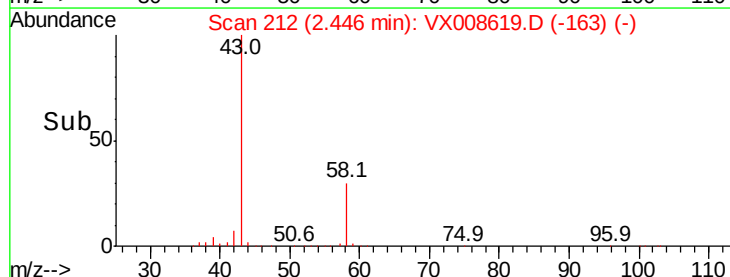
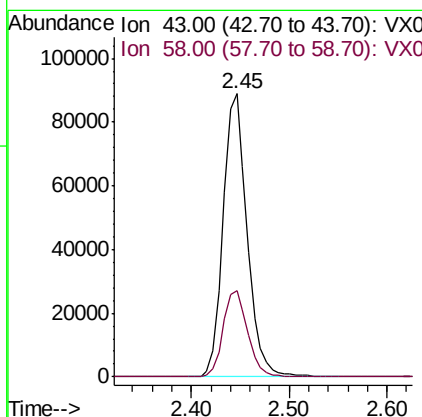
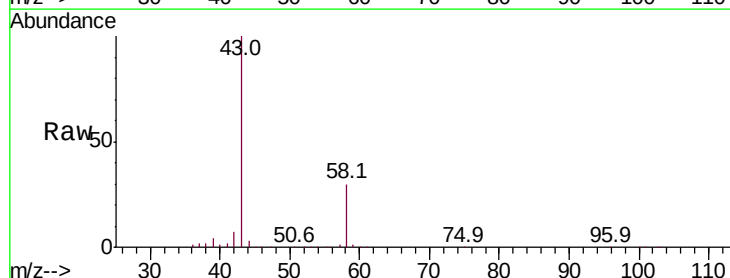
RT: 2.45 min Scan# 212

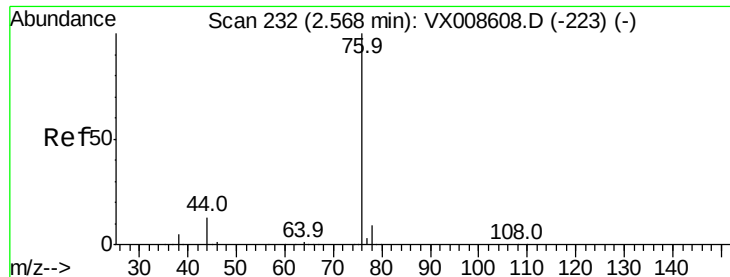
Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion:	43	Resp:	149607
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.8	37.2





#17

Carbon Disulfide

Concen: 17.423 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion: 76 Resp: 118698

Ion Ratio Lower Upper

76 100

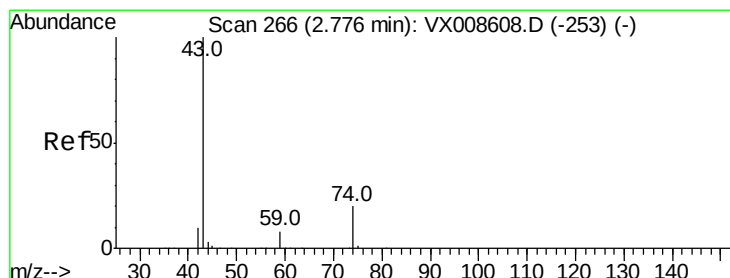
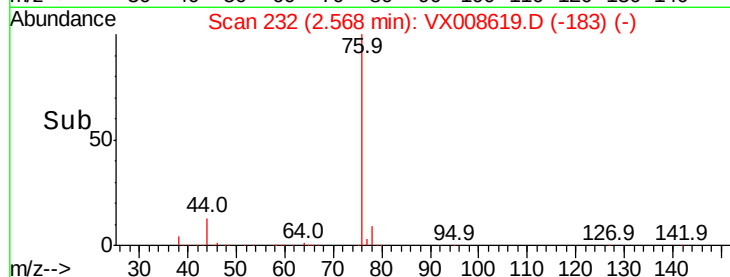
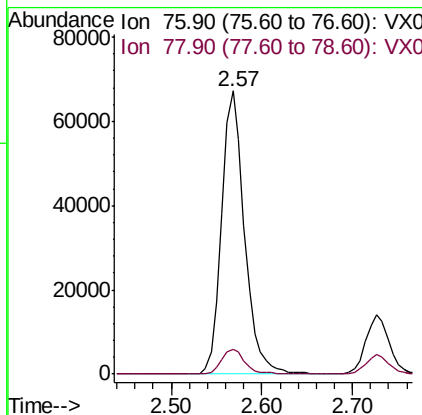
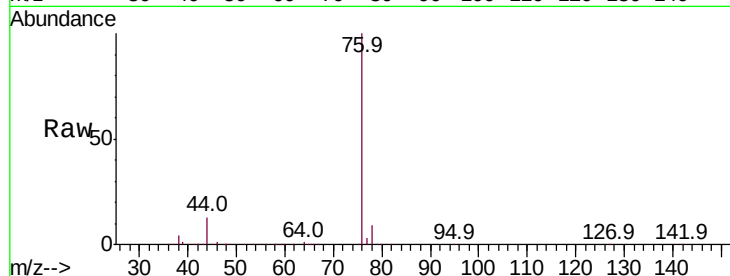
78 8.7 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

4/4/2019 3:37:27 PM



#18

Methyl Acetate

Concen: 17.664 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008619.D

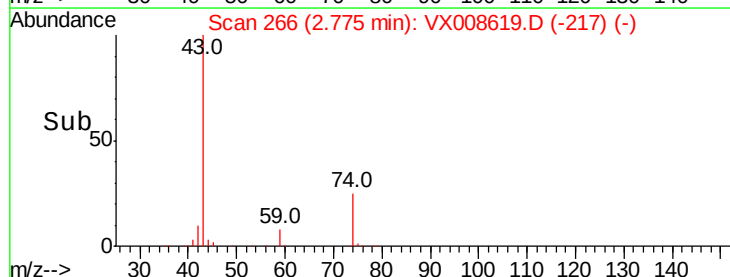
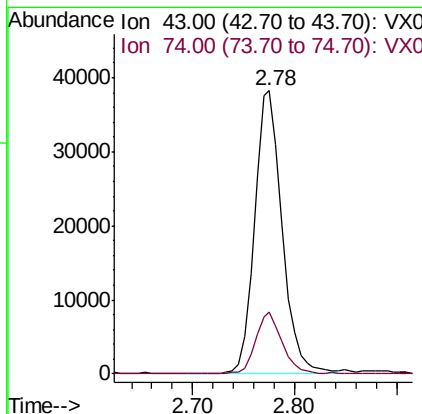
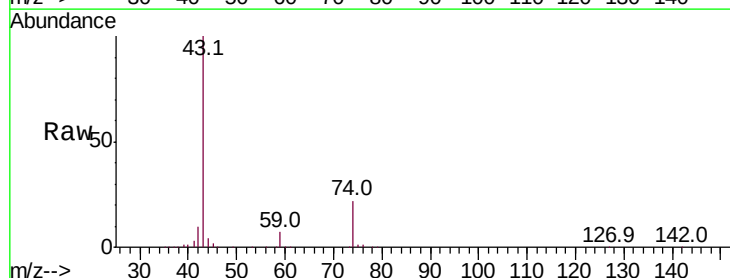
Acq: 03 Apr 2019 17:44

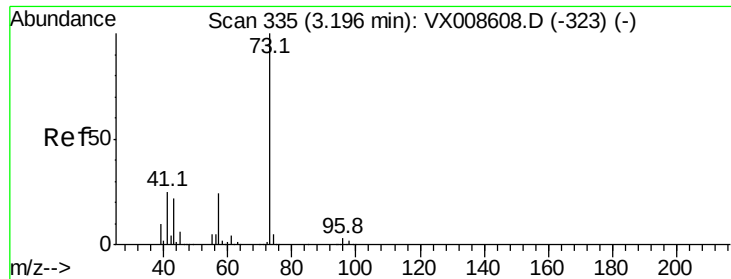
Tgt Ion: 43 Resp: 71465

Ion Ratio Lower Upper

43 100

74 21.3 16.5 24.7





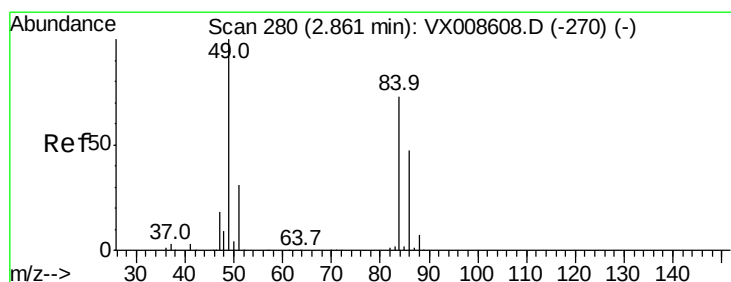
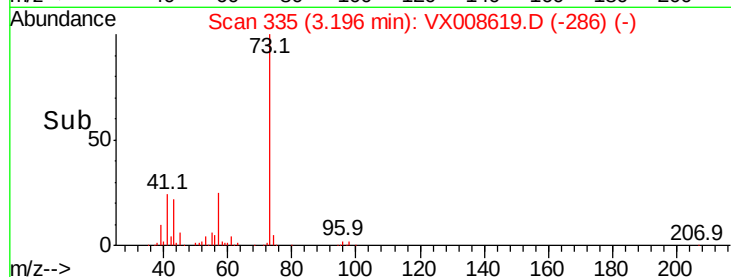
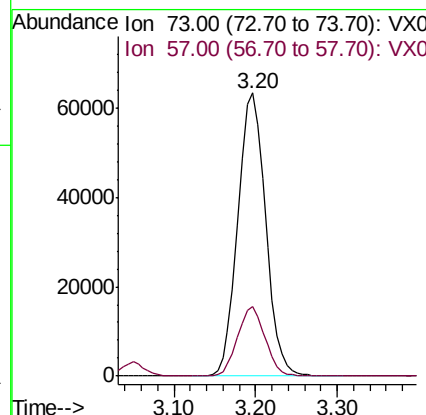
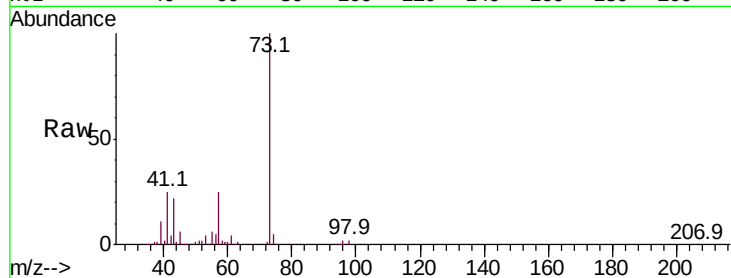
#19
Methyl tert-butyl Ether
Concen: 18.209 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion: 73 Resp: 149281
Ion Ratio Lower Upper
73 100
57 24.7 19.5 29.3

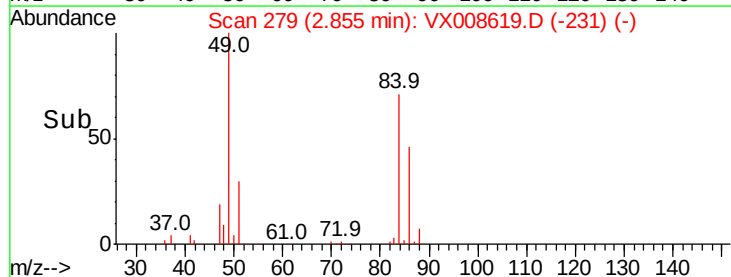
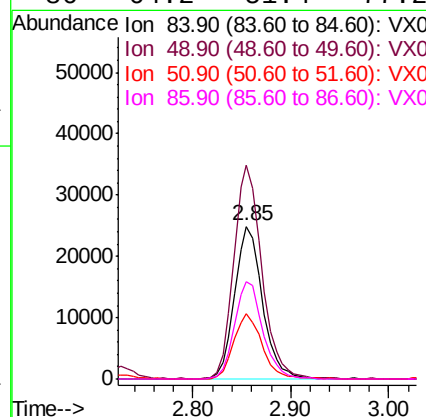
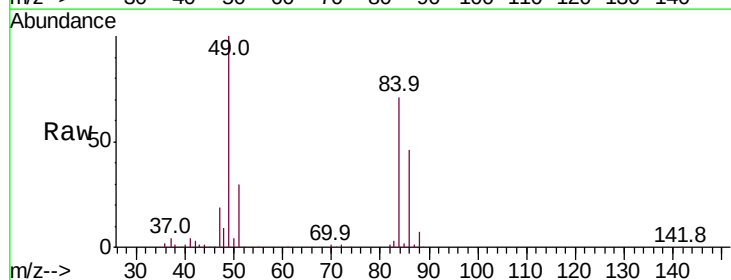
Manual Integrations
APPROVED

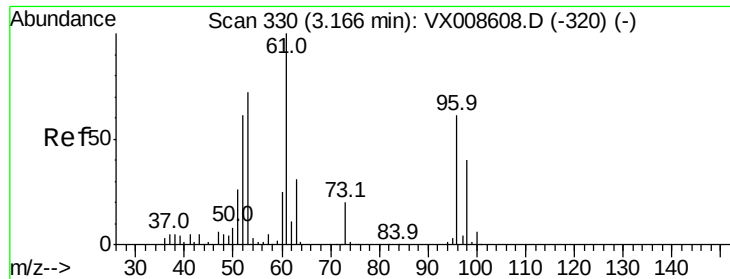
MMDadoda
4/4/2019 3:37:27 PM



#20
Methylene Chloride
Concen: 17.589 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 84 Resp: 49115
Ion Ratio Lower Upper
84 100
49 140.2 109.7 164.5
51 42.5 33.6 50.4
86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.253 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion: 96 Resp: 42841

Ion Ratio Lower Upper

96 100

61 157.1 132.1 198.1

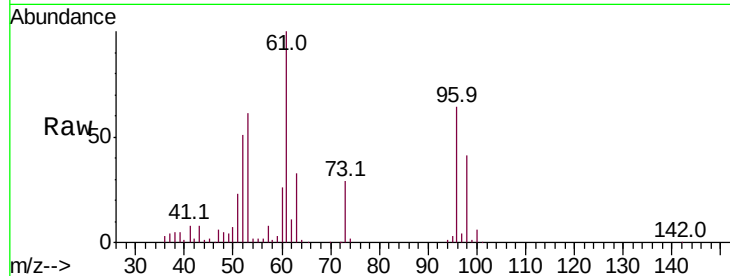
98 65.0 52.2 78.2

Manual Integrations

APPROVED

MMDadoda

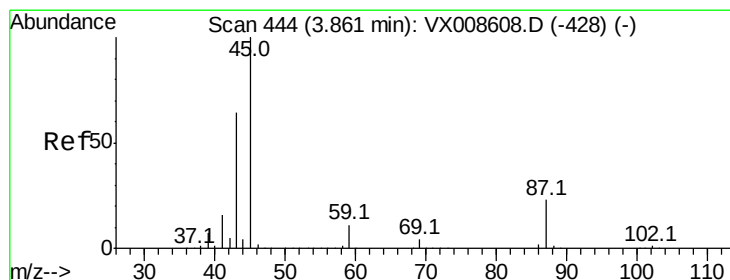
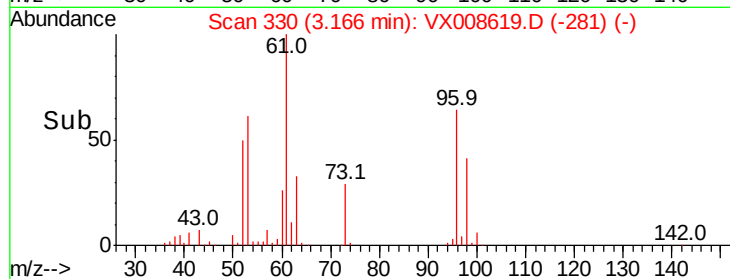
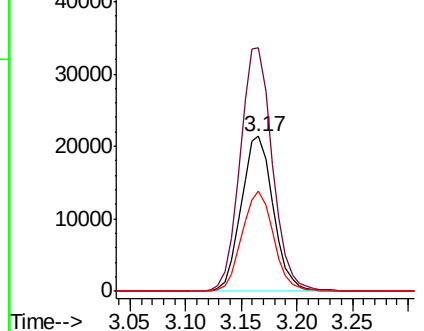
4/4/2019 3:37:27 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.118 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion: 45 Resp: 183523

Ion Ratio Lower Upper

45 100

43 74.3 51.3 76.9

87 22.5 18.1 27.1

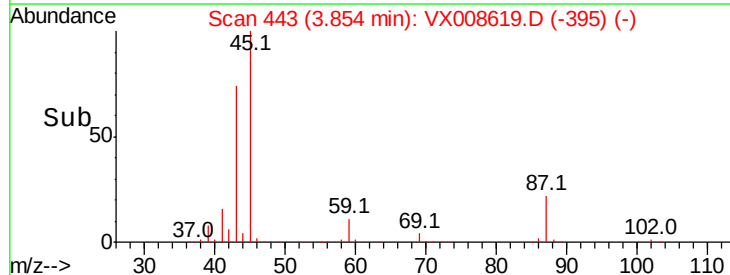
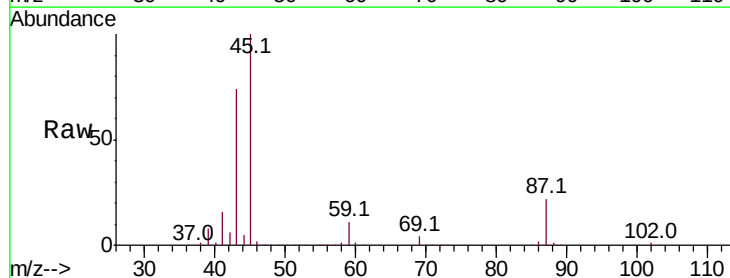
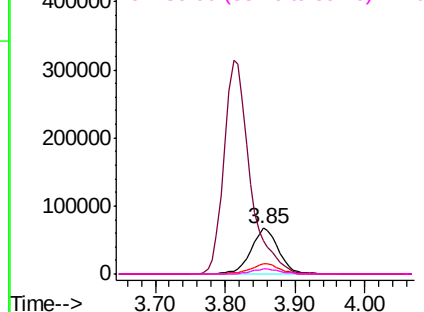
59 10.5 8.6 13.0

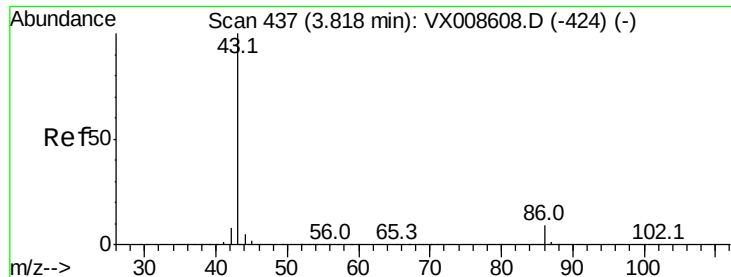
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.102 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion: 43 Resp: 811575

Ion Ratio Lower Upper

43 100

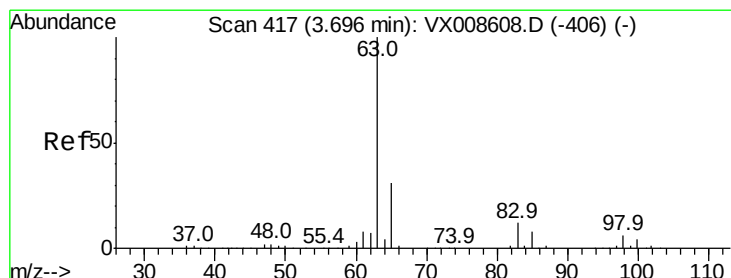
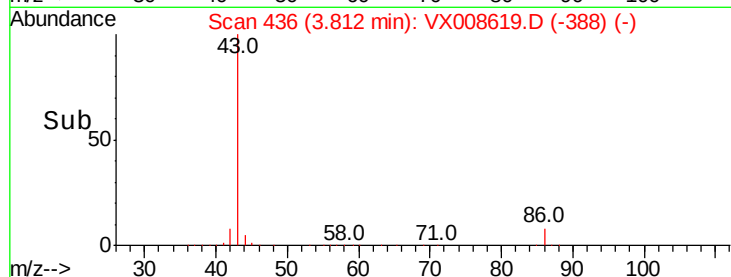
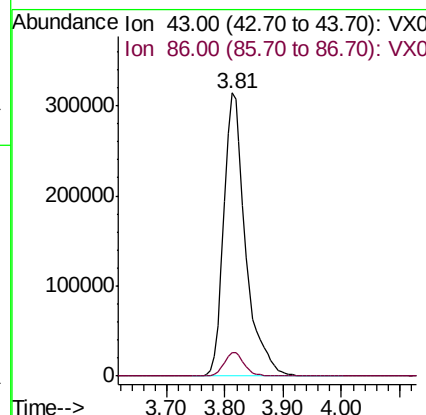
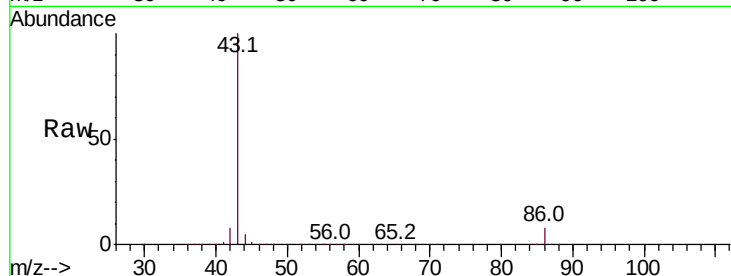
86 8.3 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

4/4/2019 3:37:27 PM



#24

1,1-Dichloroethane

Concen: 18.054 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

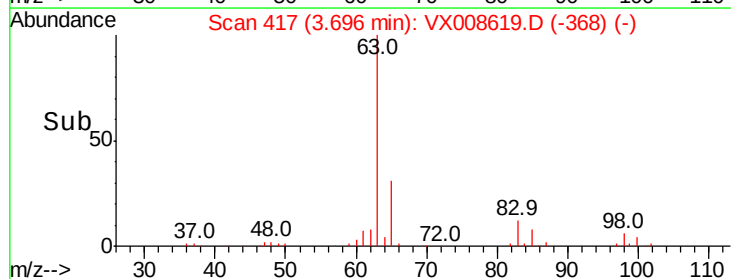
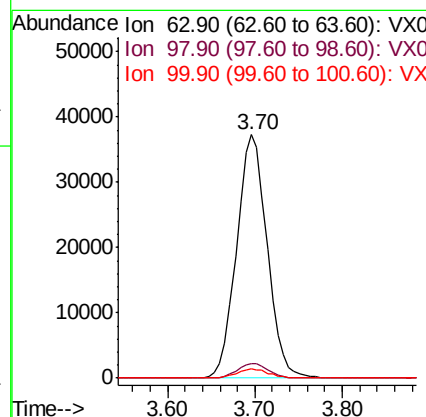
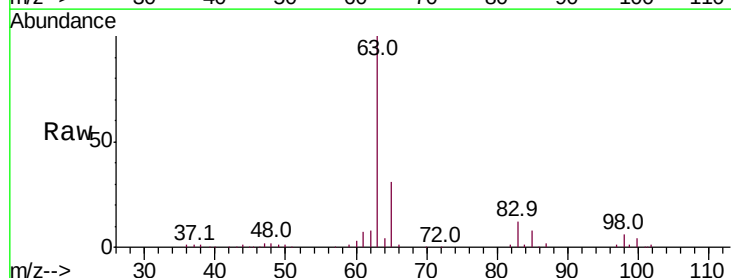
Tgt Ion: 63 Resp: 90543

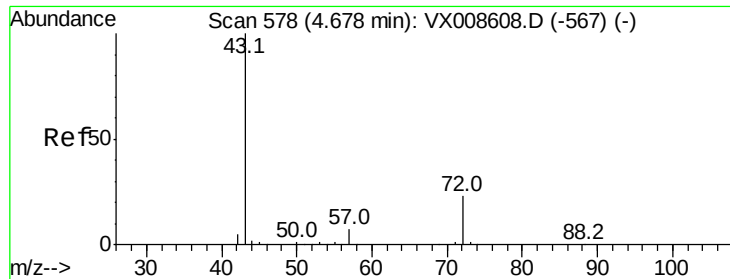
Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.4

100 4.0 1.8 5.5





#25

2-Butanone

Concen: 92.816 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion: 43 Resp: 244718

Ion Ratio Lower Upper

43 100

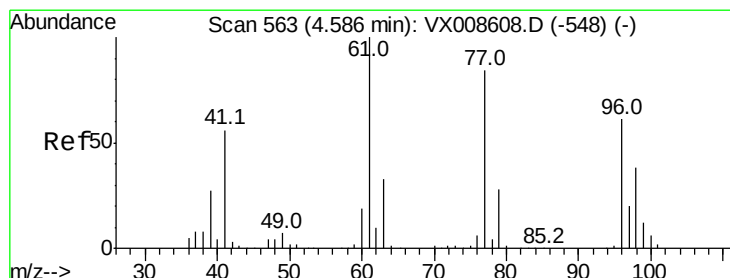
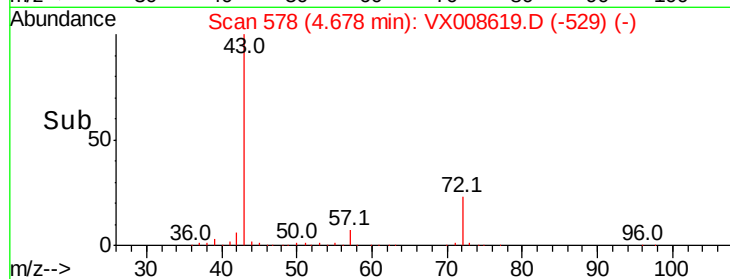
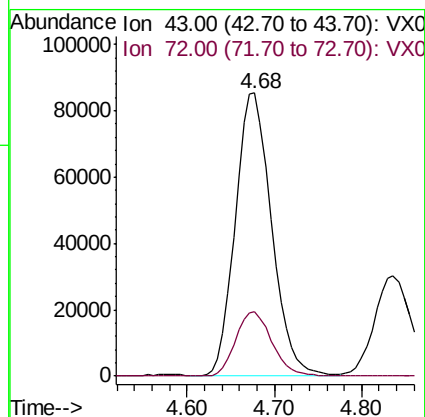
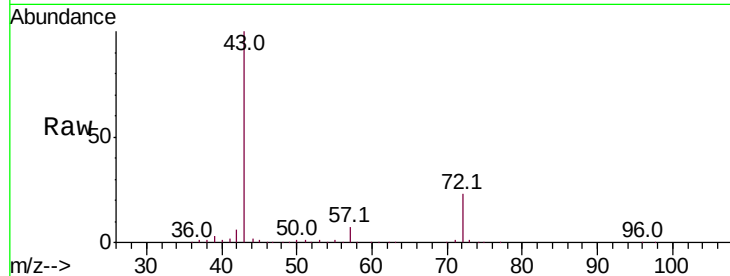
72 22.7 18.2 27.4

Manual Integrations

APPROVED

MMDadoda

4/4/2019 3:37:27 PM



#26

2,2-Dichloropropane

Concen: 17.031 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008619.D

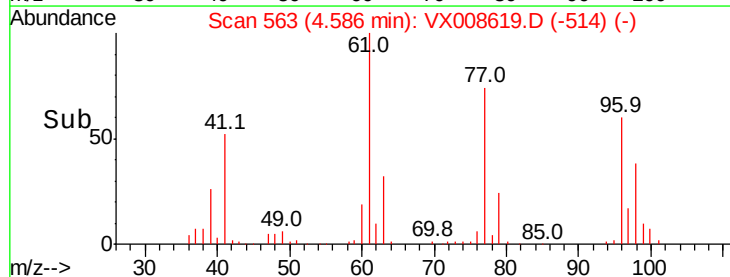
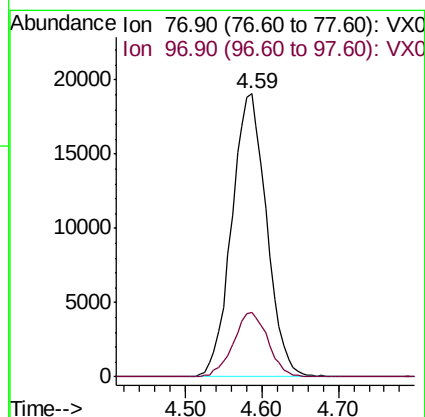
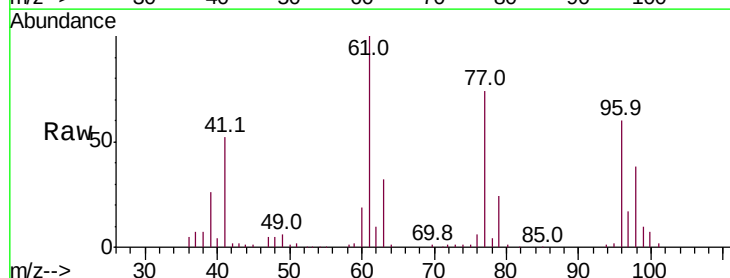
Acq: 03 Apr 2019 17:44

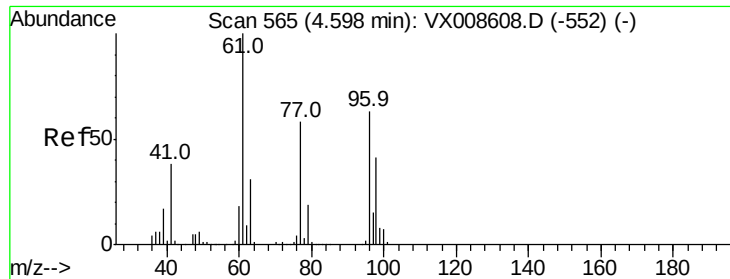
Tgt Ion: 77 Resp: 60157

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

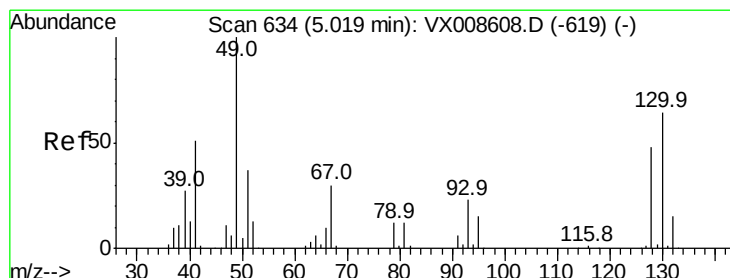
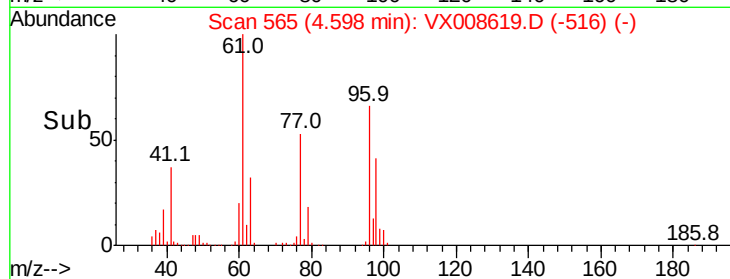
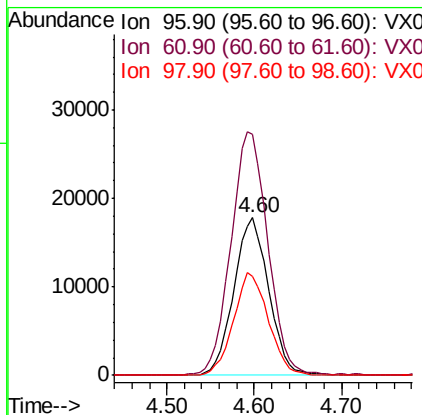
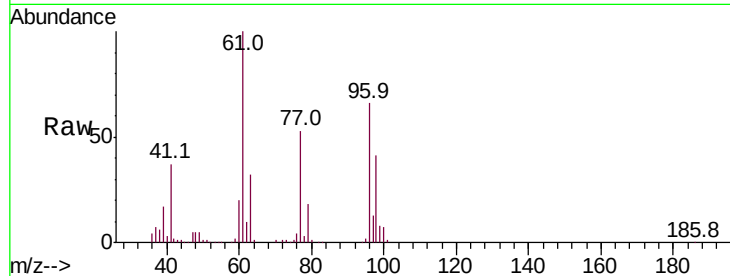
cis-1,2-Dichloroethene
Concen: 17.350 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.2	0.0	327.6
98	64.9	0.0	128.6

Manual Integrations
APPROVED

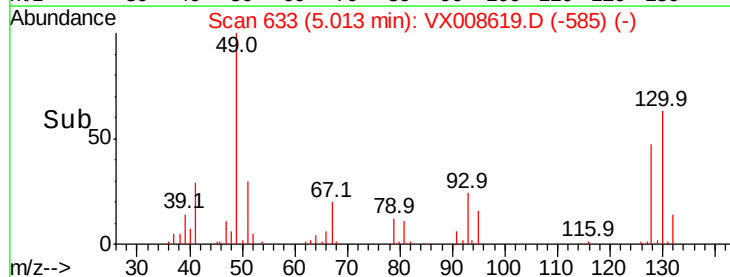
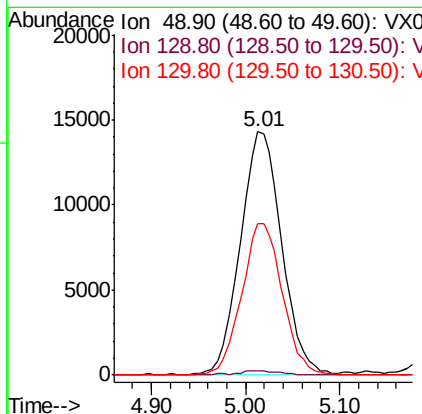
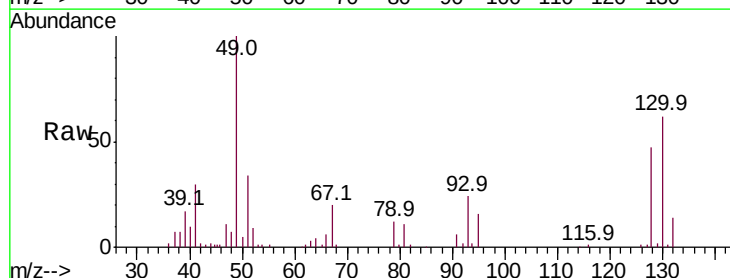
MMDadoda
4/4/2019 3:37:27 PM

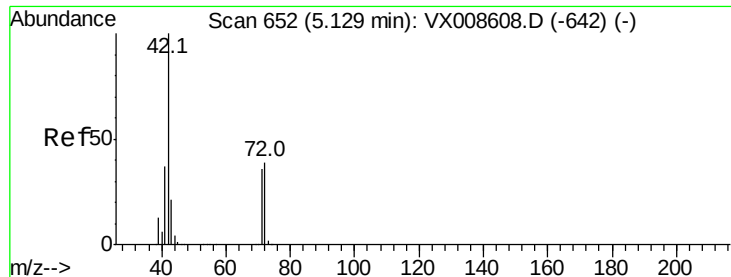


#28

Bromochloromethane
Concen: 19.161 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	61.1	49.3	73.9





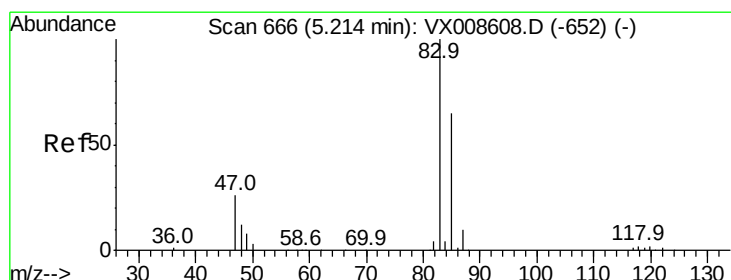
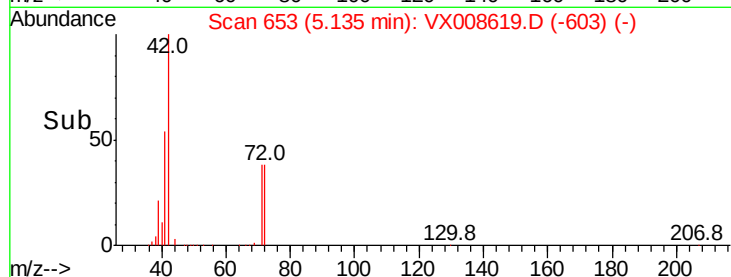
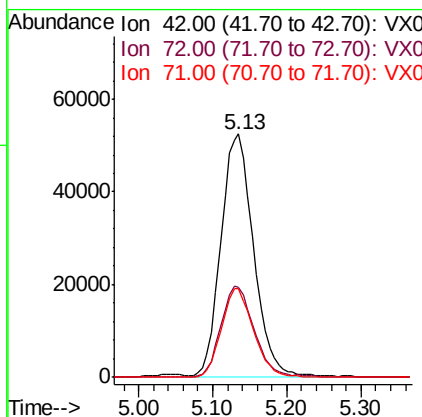
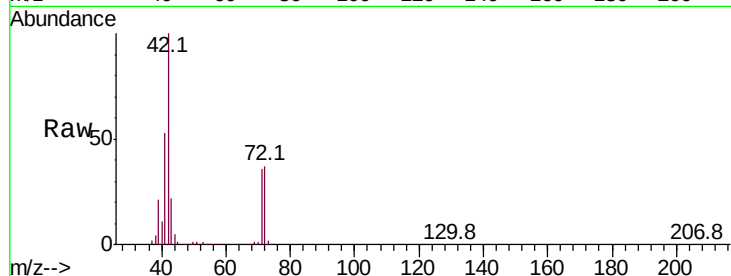
#29
Tetrahydrofuran
Concen: 91.204 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.5	45.7
71	36.2	28.6	43.0

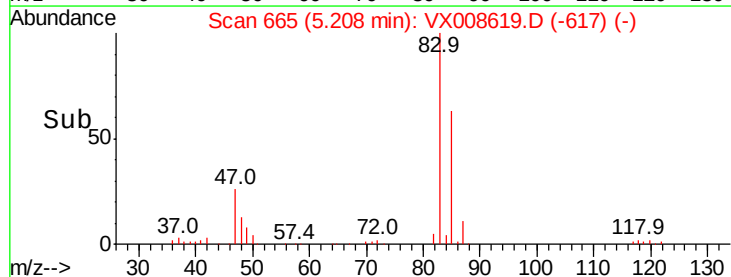
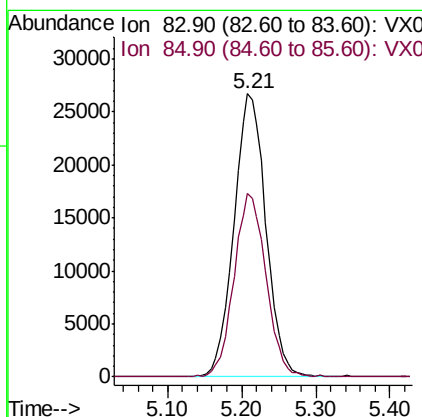
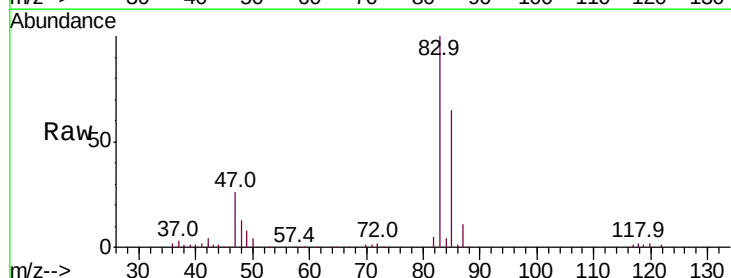
Manual Integrations
APPROVED

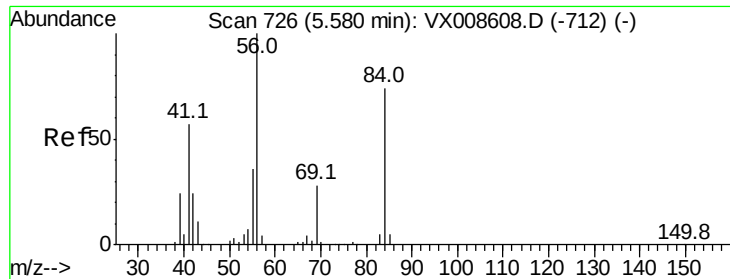
MMDadoda
4/4/2019 3:37:27 PM



#30
Chloroform
Concen: 17.957 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1





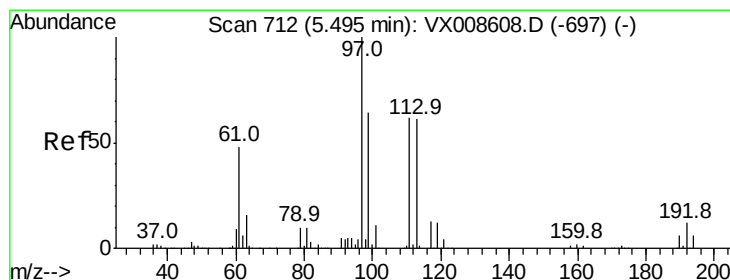
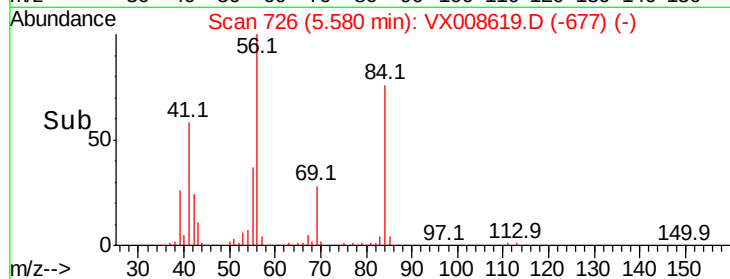
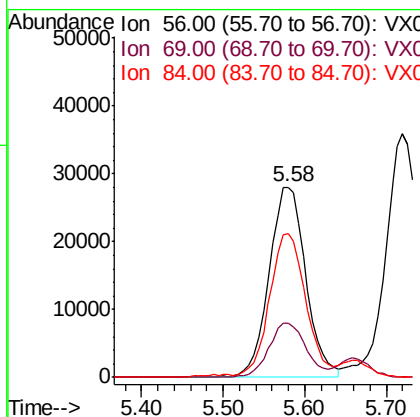
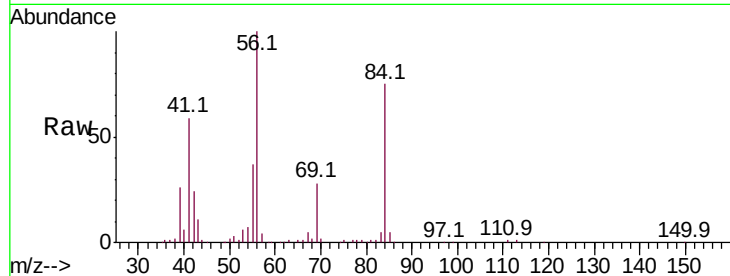
#31
Cyclohexane
Concen: 17.478 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.6	33.8
84	75.1	59.3	88.9

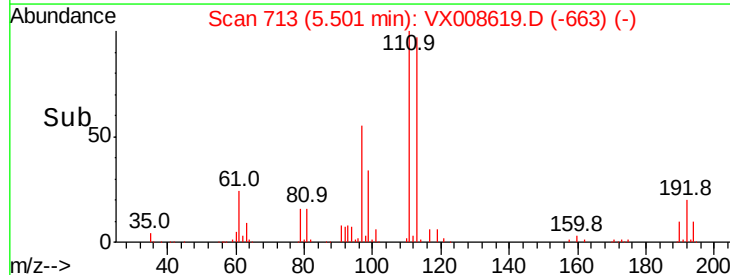
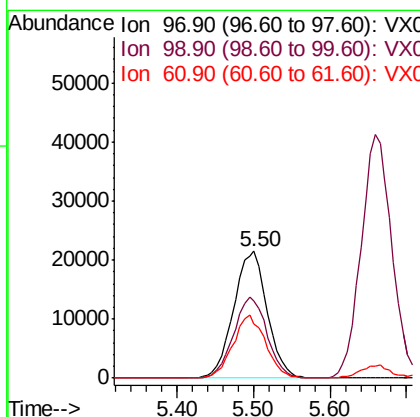
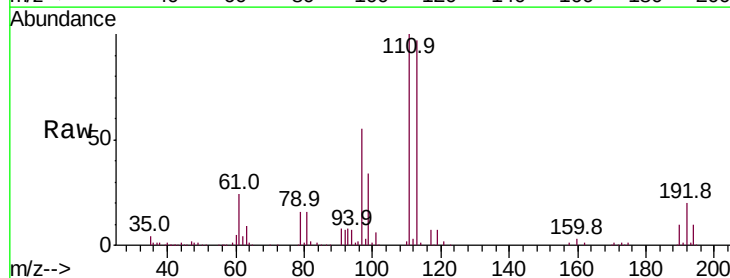
Manual Integrations
APPROVED

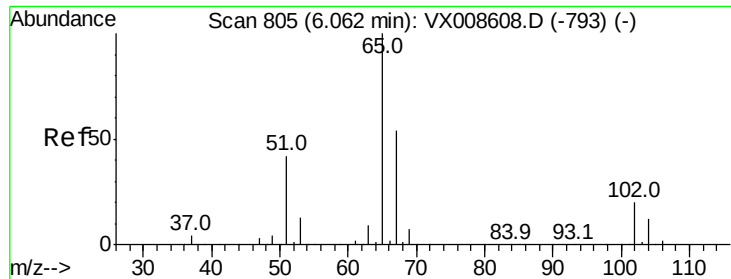
MMDadoda
4/4/2019 3:37:27 PM



#32
1,1,1-Trichloroethane
Concen: 18.011 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	48.5	38.9	58.3





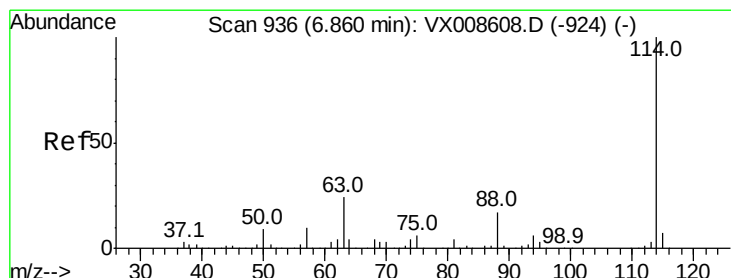
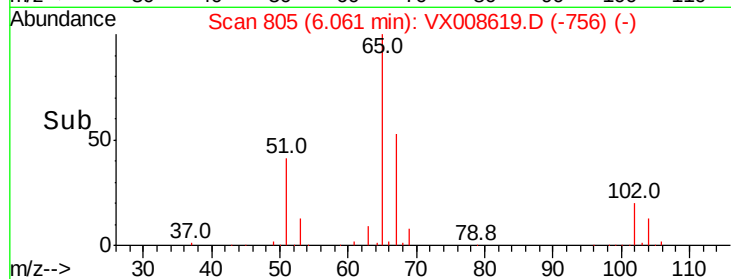
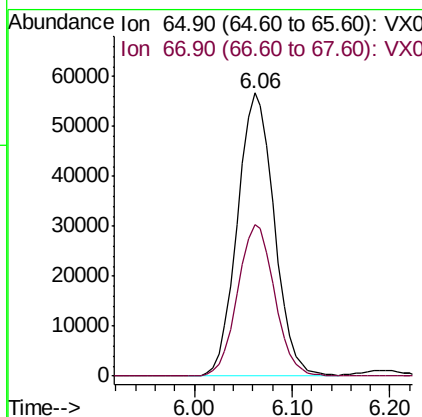
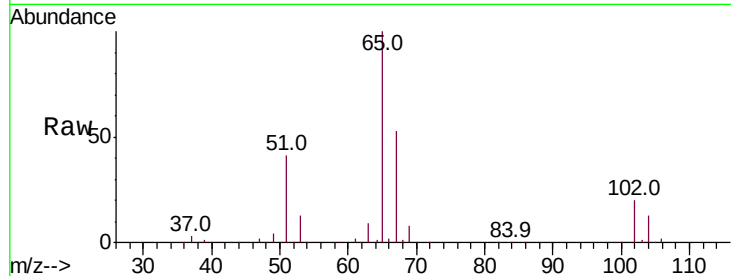
#33
 1,2-Dichloroethane-d4
 Concen: 51.329 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.2

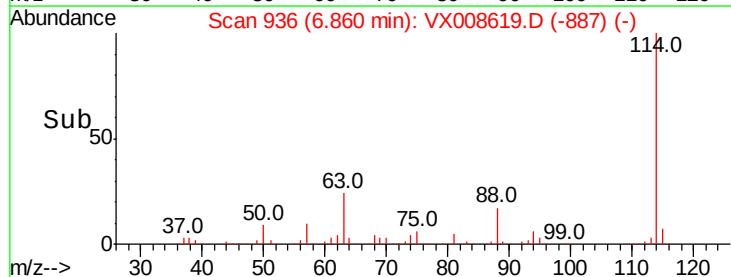
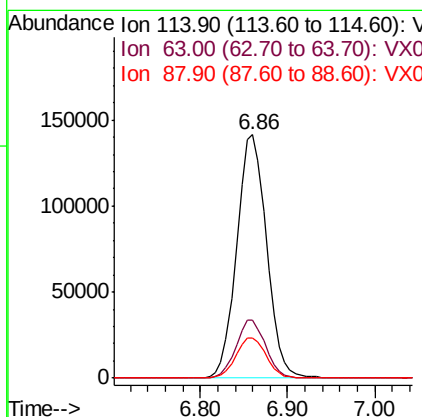
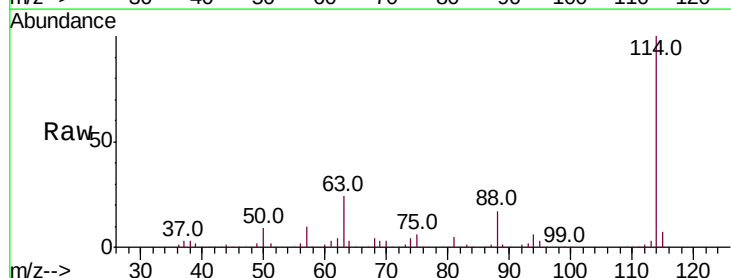
Manual Integrations
 APPROVED

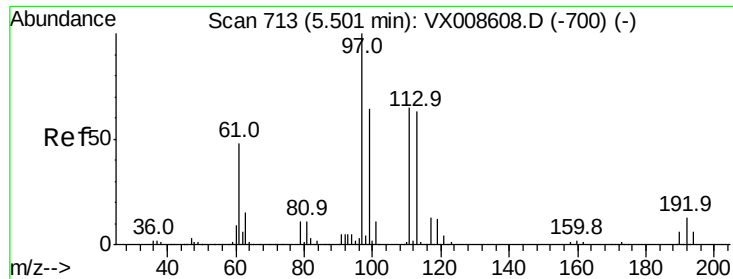
MMDadoda
 4/4/2019 3:37:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	47.2
88	16.6	0.0	34.0





#35

Dibromofluoromethane

Concen: 50.818 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

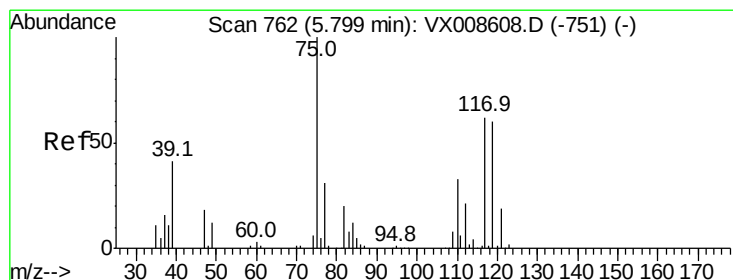
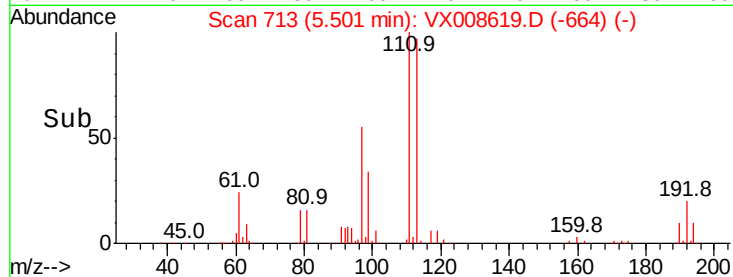
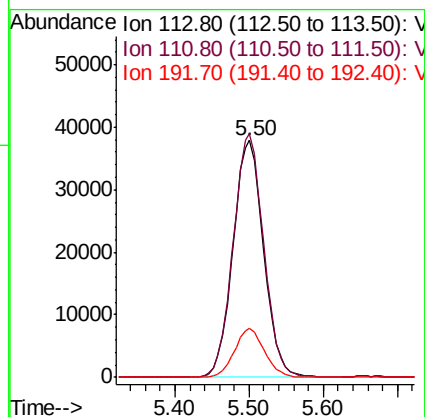
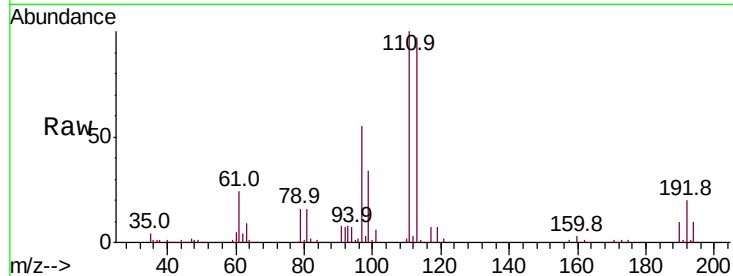
ClientSampled :

VX0403WBS01

Tot Ion:	113	Resp:	109036
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.4	125.2
192	20.3	16.1	24.1

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#36

1,1-Dichloropropene

Concen: 16.755 ug/l

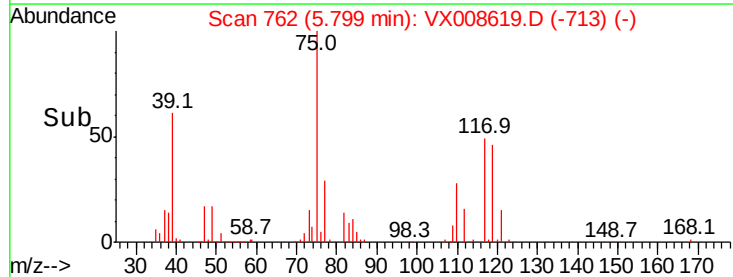
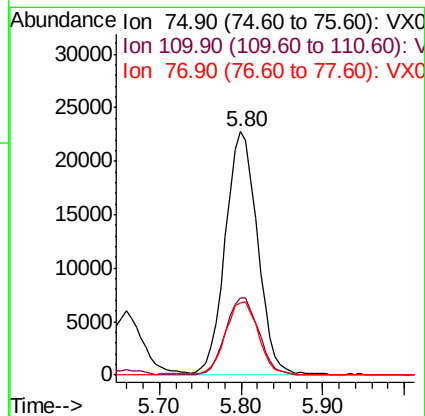
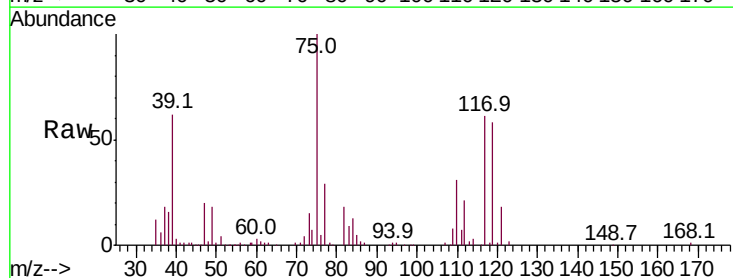
RT: 5.80 min Scan# 762

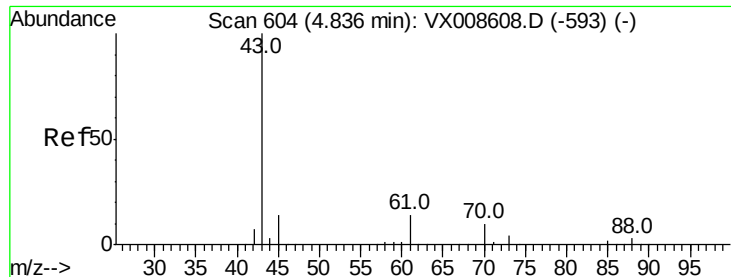
Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion:	75	Resp:	61463
Ion Ratio	Lower	Upper	
75	100		
110	33.0	16.4	49.2
77	31.7	24.7	37.1





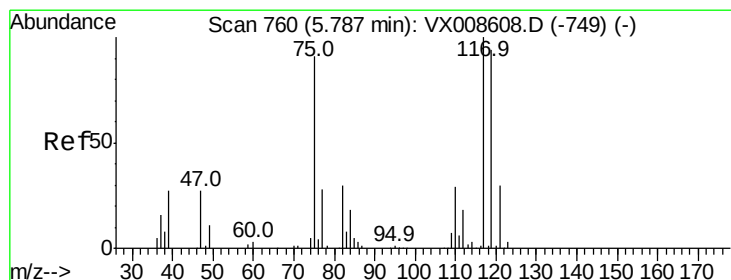
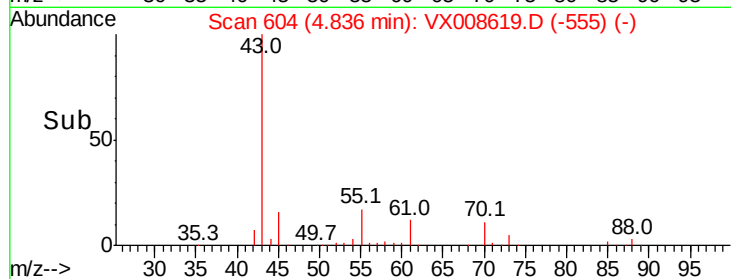
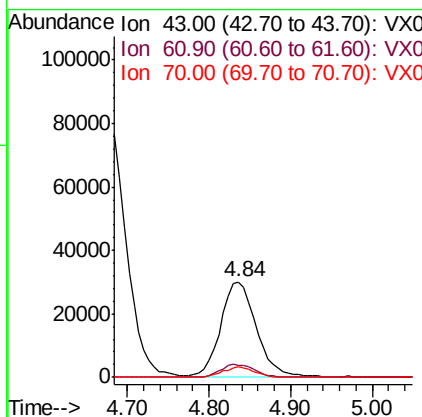
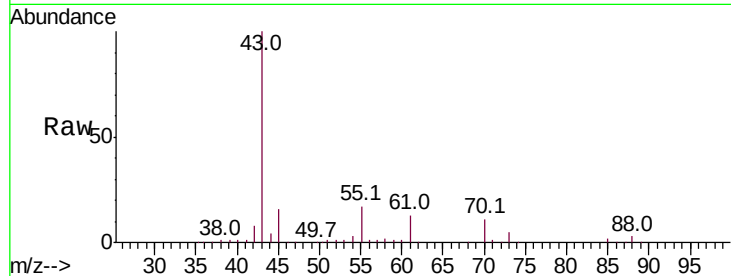
#37
Ethyl Acetate
Concen: 18.274 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tot Ion	43	Ratio	100	Resp	89477
Ion	43	100		Lower	Upper
	61	14.1		10.3	15.5
	70	10.2		7.6	11.4

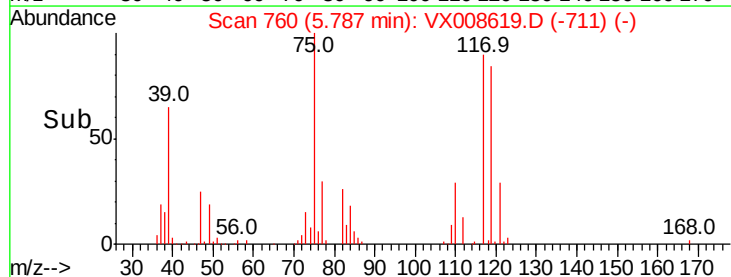
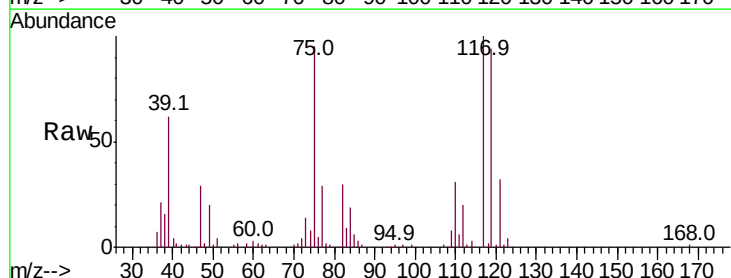
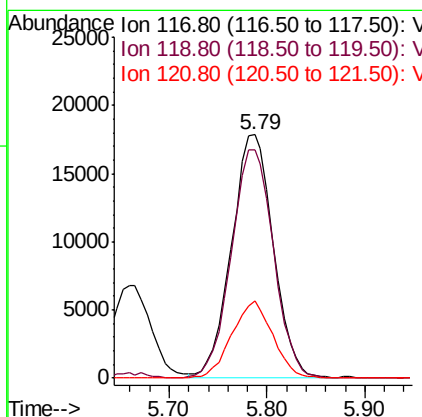
Manual Integrations
APPROVED

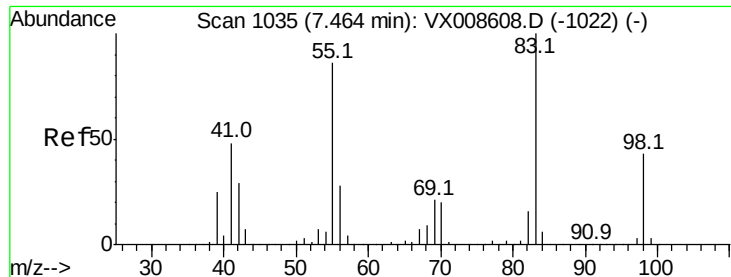
MMDadoda
4/4/2019 3:37:27 PM



#38
Carbon Tetrachloride
Concen: 17.376 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	117	Ratio	100	Resp	52757
Ion	117	100		Lower	Upper
	119	93.9		75.0	112.6
	121	31.7		24.3	36.5





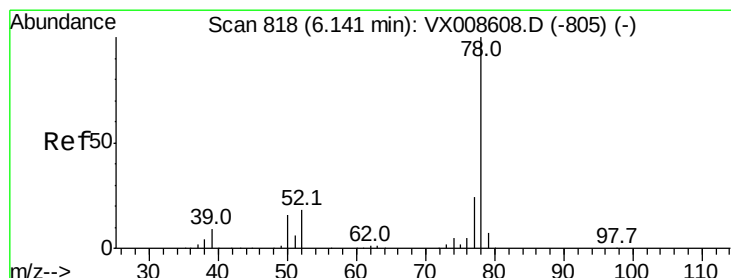
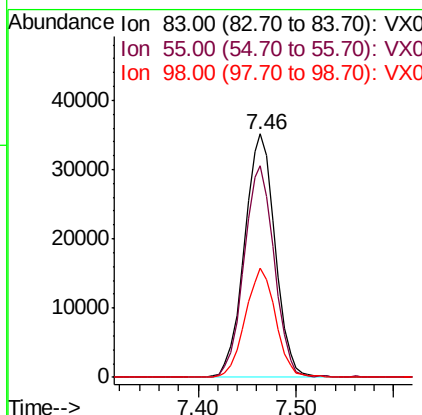
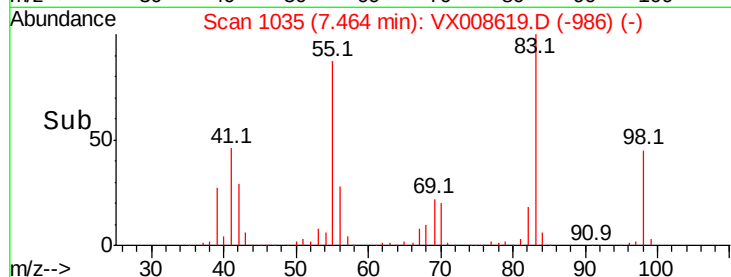
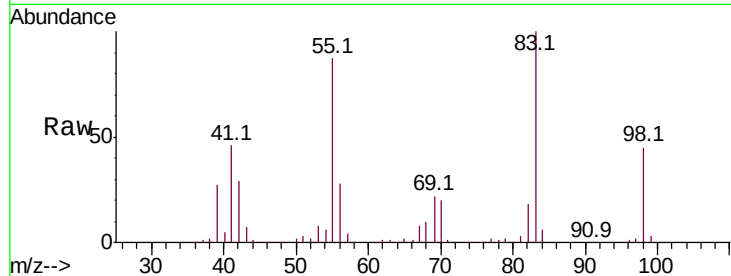
#39
Methylvlcyclohexane
Concen: 16.801 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.7	69.0	103.6
98	44.7	34.4	51.6

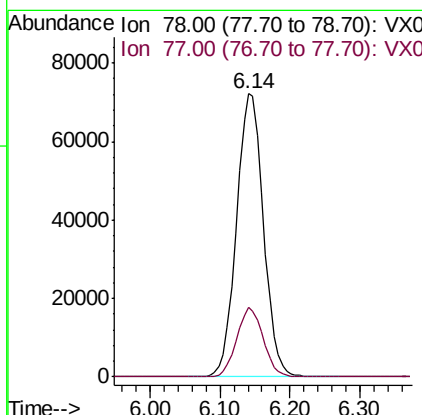
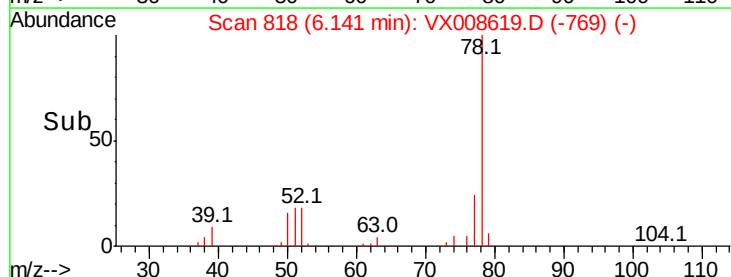
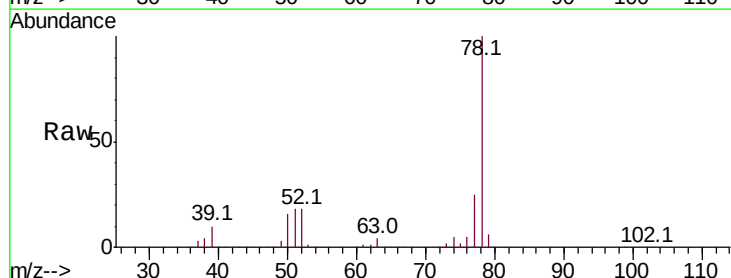
Manual Integrations
APPROVED

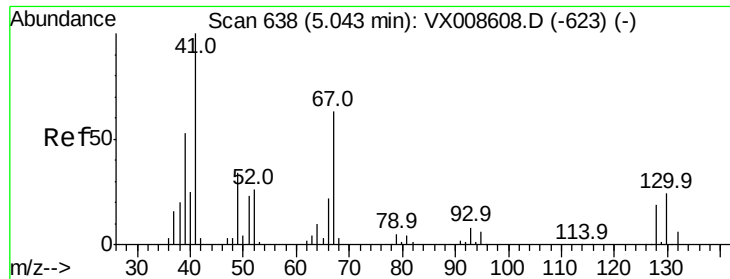
MMDadoda
4/4/2019 3:37:27 PM



#40
Benzene
Concen: 17.623 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.1	28.7





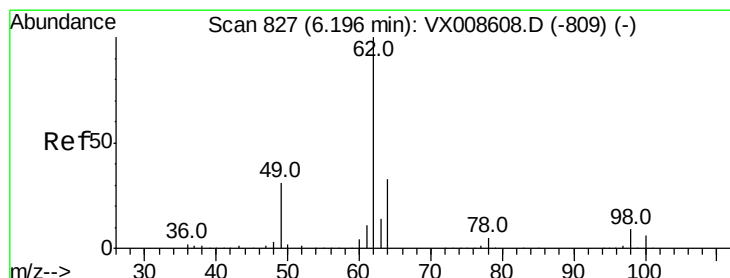
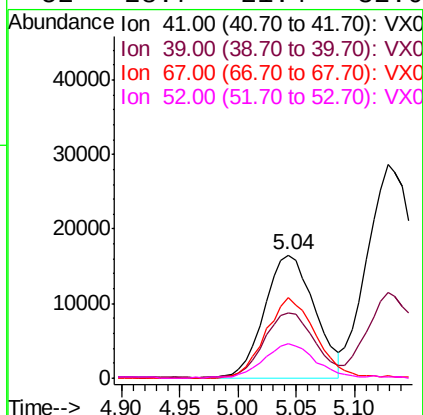
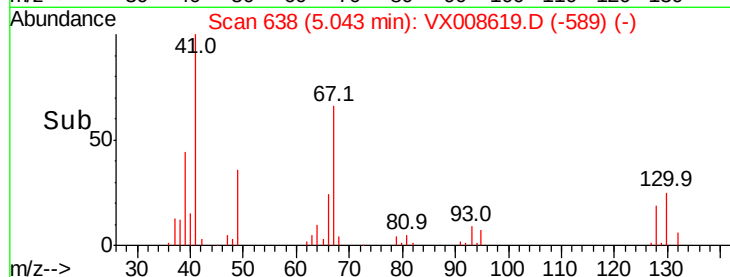
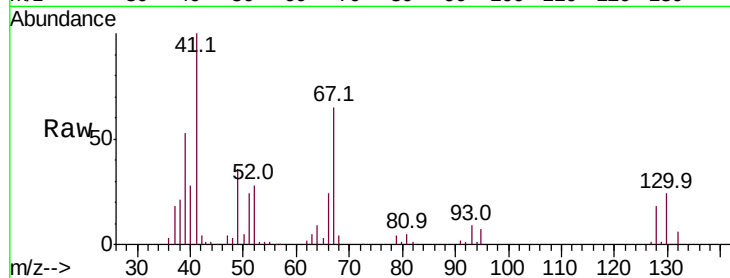
#41
Methacrylonitrile
Concen: 17.510 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	42.1	63.1	
67	66.3	51.0	76.6	
52	28.7	21.4	32.0	

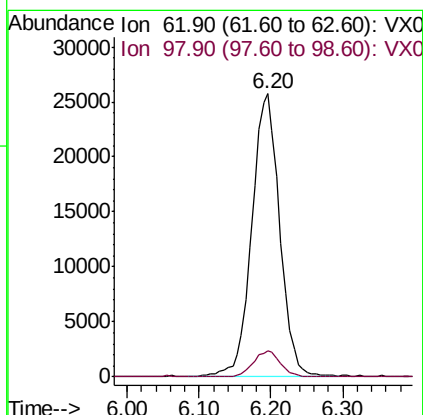
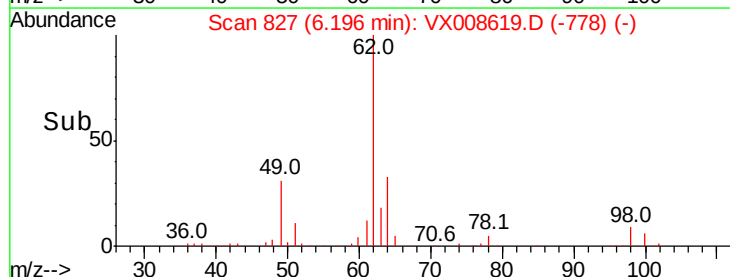
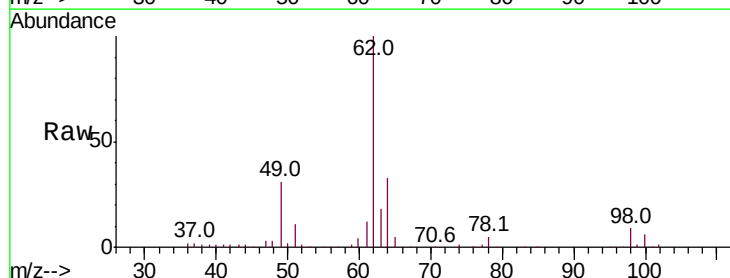
Manual Integrations
APPROVED

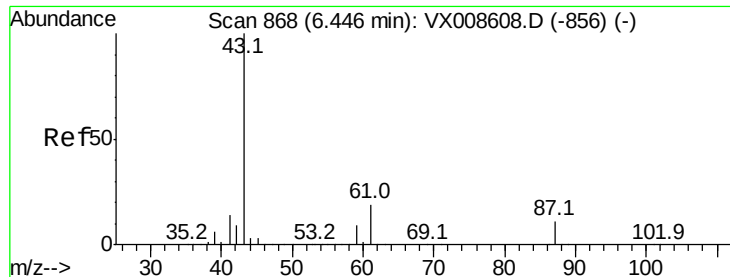
MMDadoda
4/4/2019 3:37:27 PM



#42
1,2-Dichloroethane
Concen: 17.510 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	18.0	





#43

Isopropyl Acetate

Concen: 17.925 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

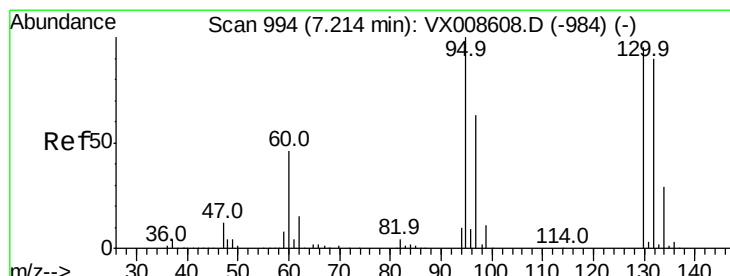
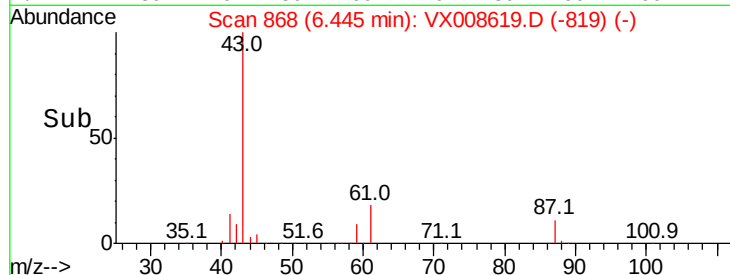
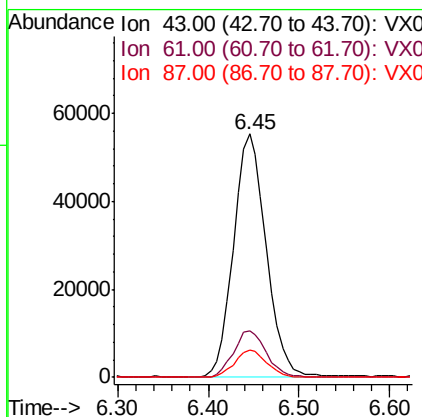
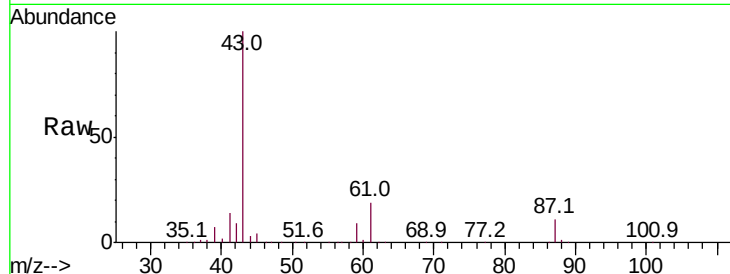
ClientSampleId :

VX0403WBS01

Tot Ion:	43	Resp:	137490
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#44

Trichloroethene

Concen: 16.948 ug/l

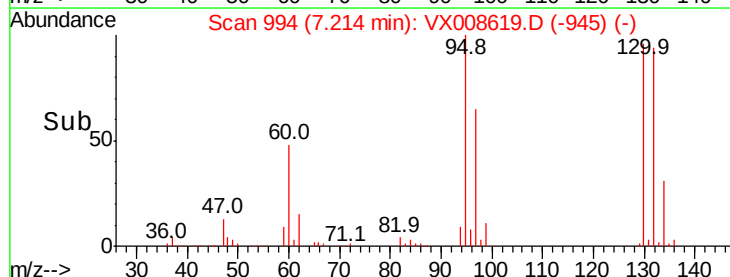
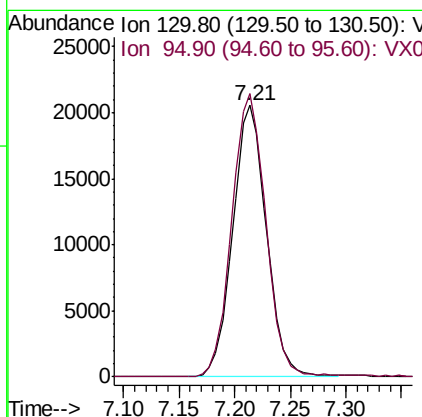
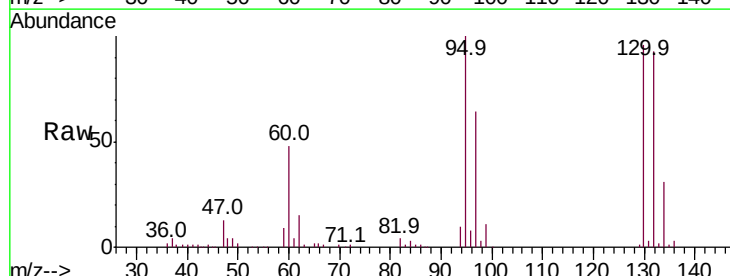
RT: 7.21 min Scan# 994

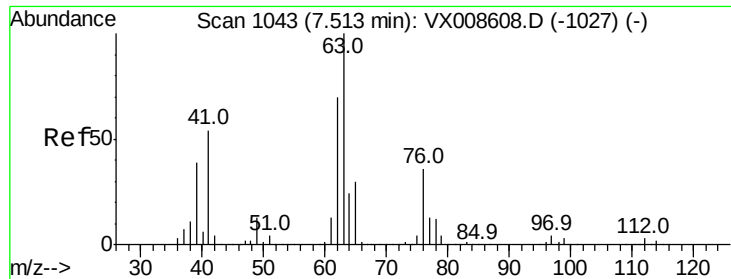
Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion:	130	Resp:	43137
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	209.8





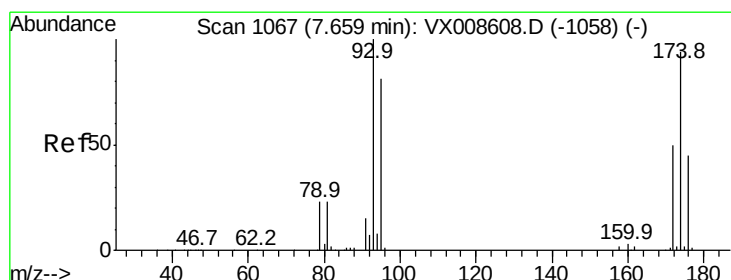
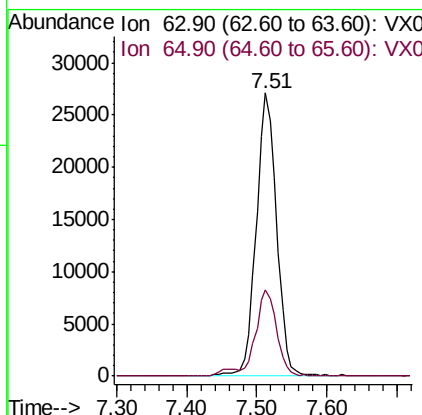
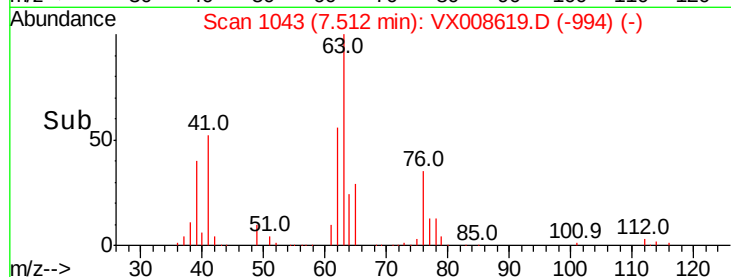
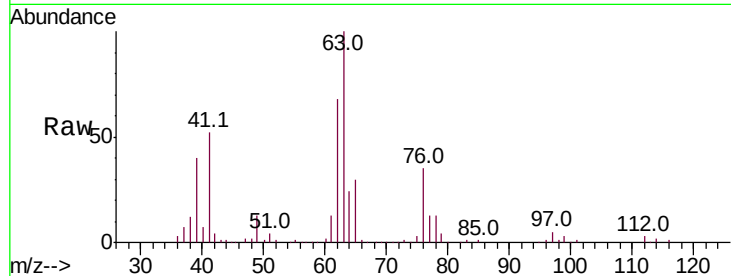
#45
 1,2-Dichloropropane
 Concen: 17.659 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

Tot Ion: 63 Resp: 55082
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4

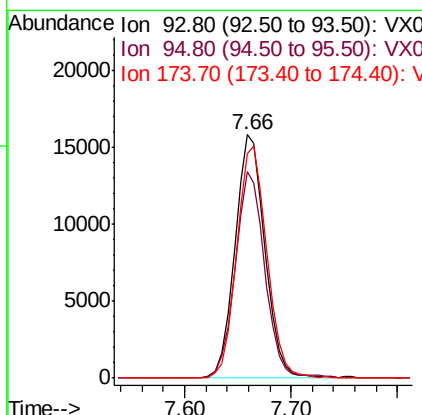
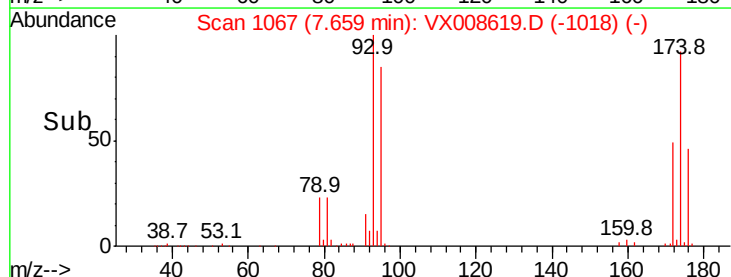
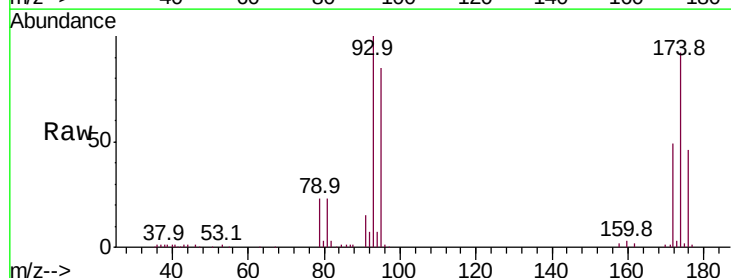
Manual Integrations
 APPROVED

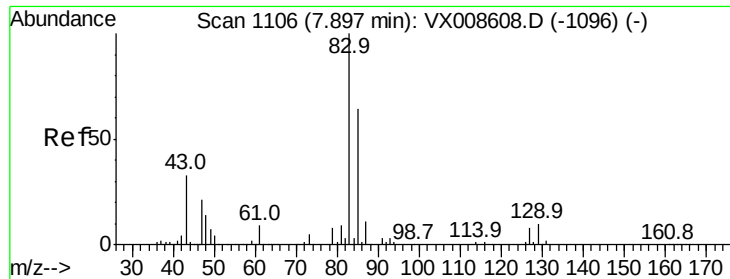
MMDadoda
 4/4/2019 3:37:27 PM



#46
 Dibromomethane
 Concen: 17.235 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion: 93 Resp: 31179
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 96.0 77.7 116.5





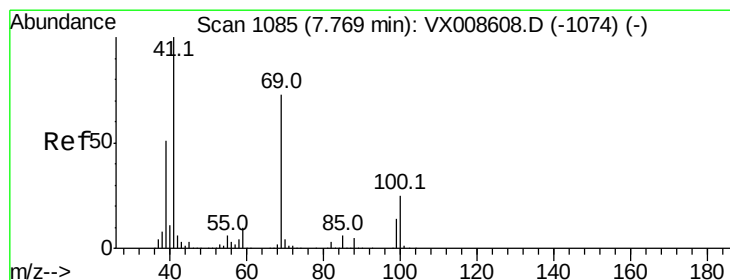
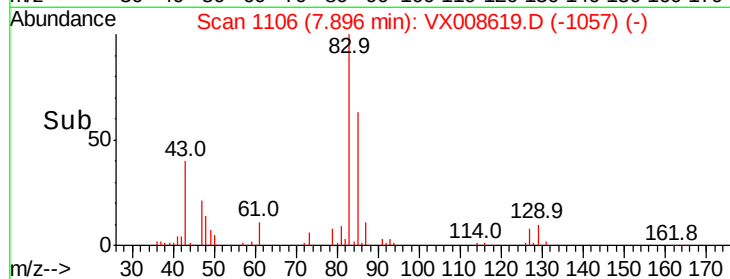
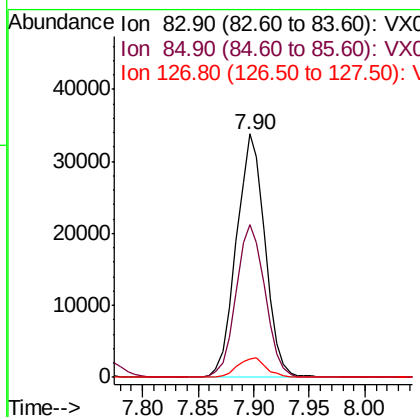
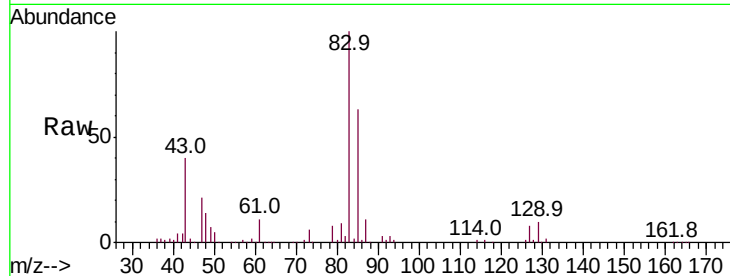
#47
Bromodichloromethane
Concen: 17.659 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	7.6	6.6	10.0

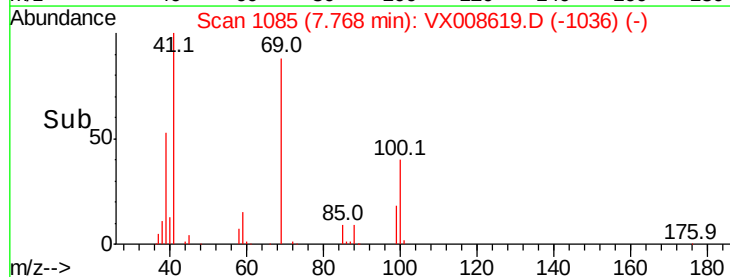
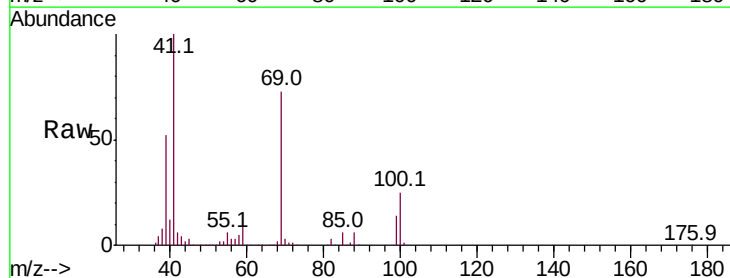
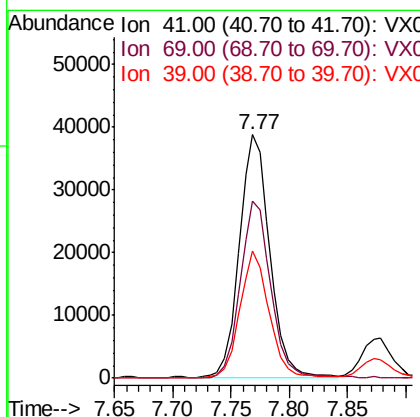
Manual Integrations
APPROVED

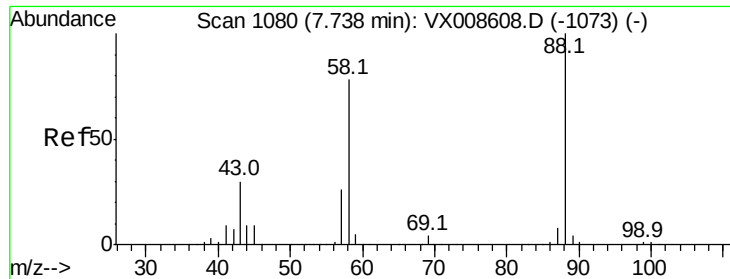
MMDadoda
4/4/2019 3:37:27 PM



#48
Methyl methacrylate
Concen: 18.016 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.9	59.0	88.4
39	50.6	41.0	61.4





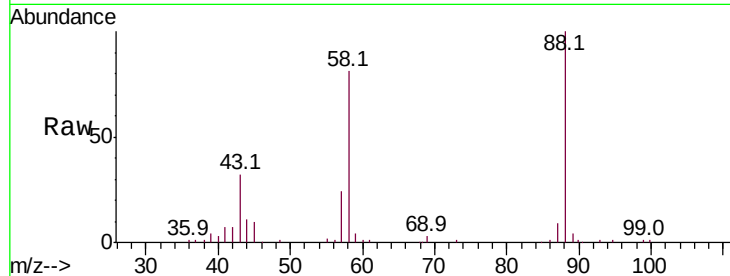
#49
1,4-Dioxane
Concen: 370.317 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

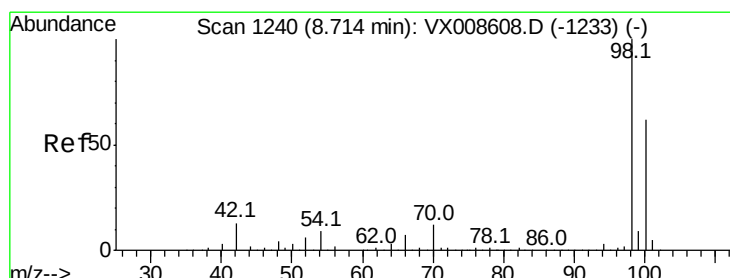
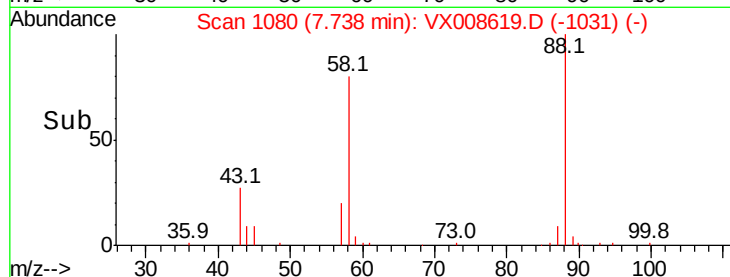
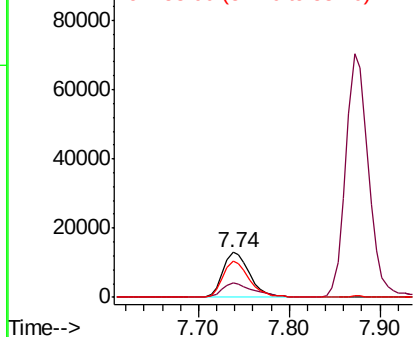
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	28.6	43.0
58	79.0	62.2	93.2

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM

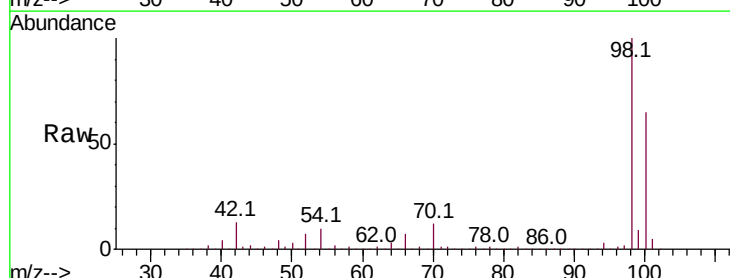


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

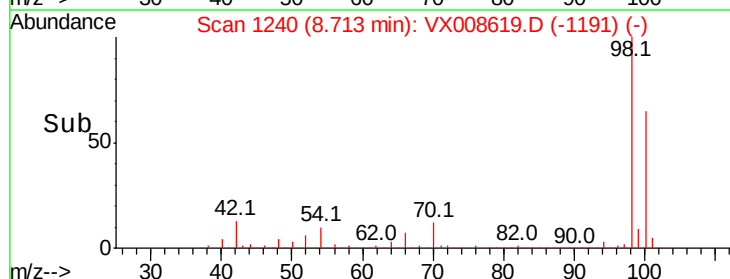
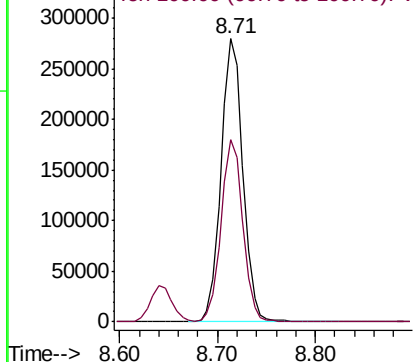


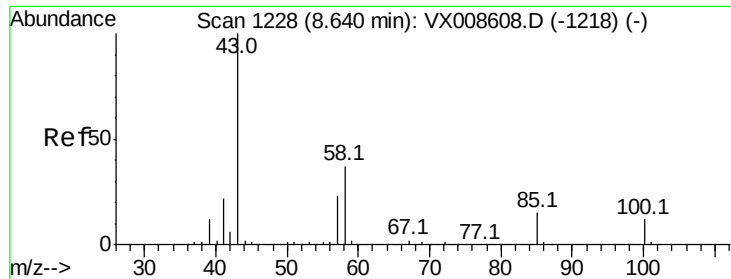
#50
Toluene-d8
Concen: 50.902 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





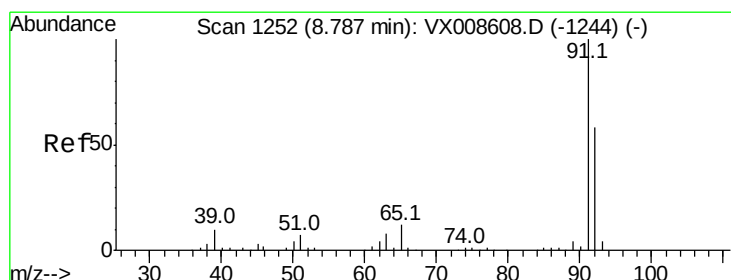
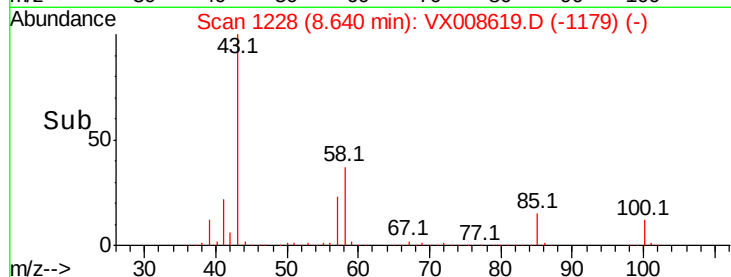
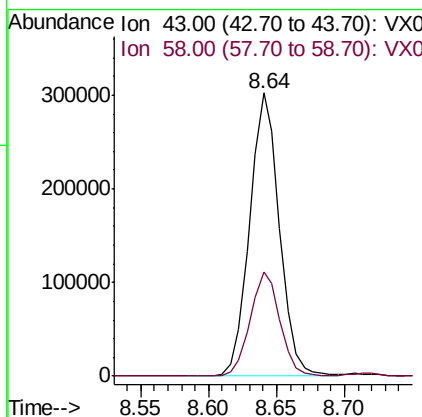
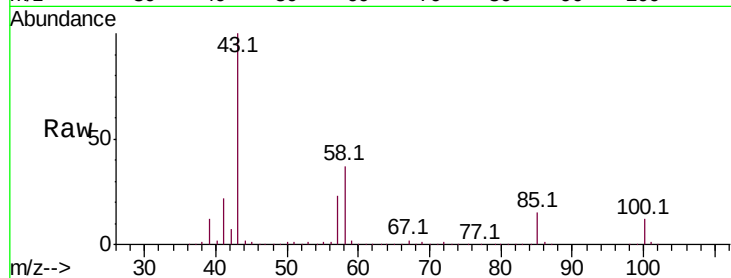
#51
4-Methyl-2-Pentanone
Concen: 94.109 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.5	44.3

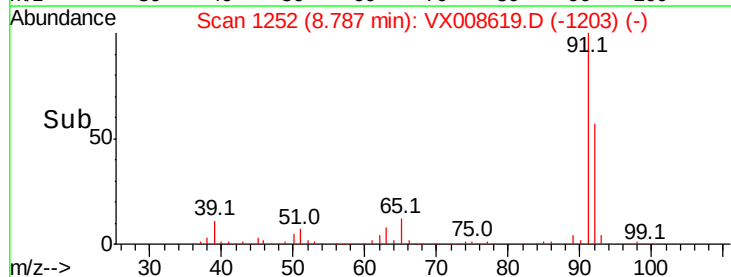
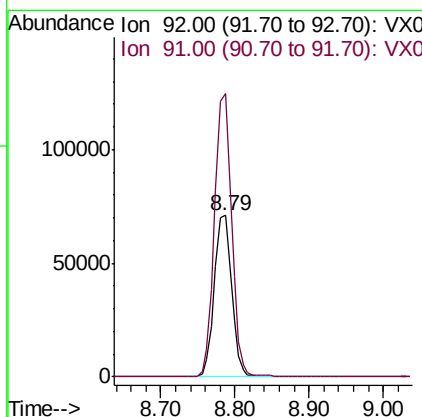
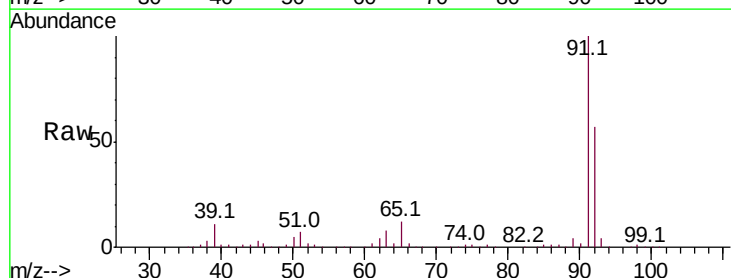
Manual Integrations
APPROVED

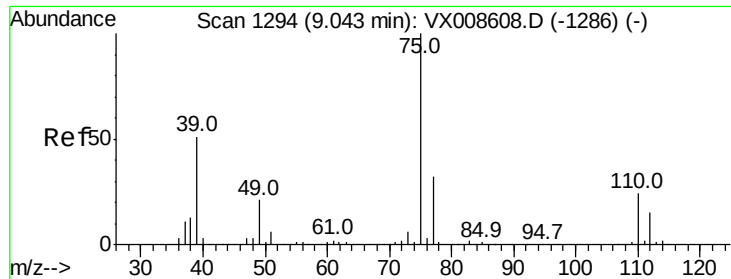
MMDadoda
4/4/2019 3:37:27 PM



#52
Toluene
Concen: 17.909 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	138.5	207.7





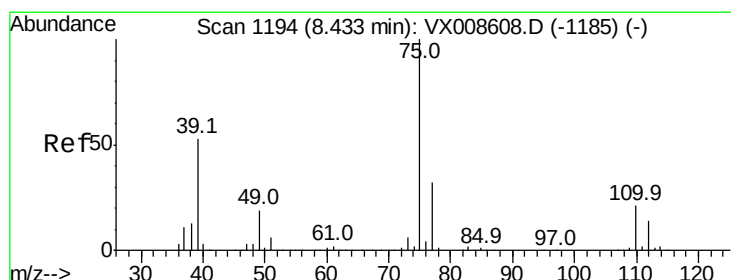
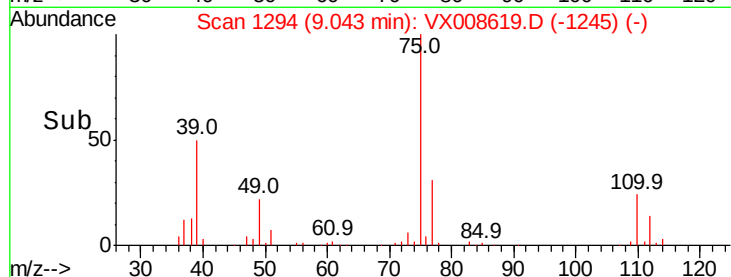
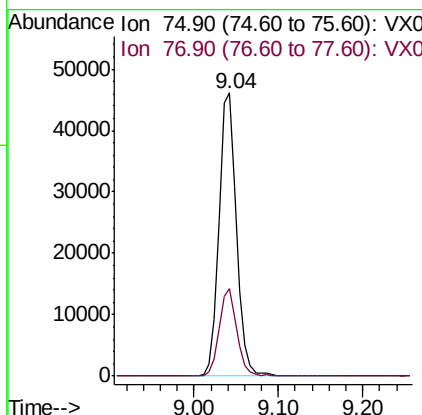
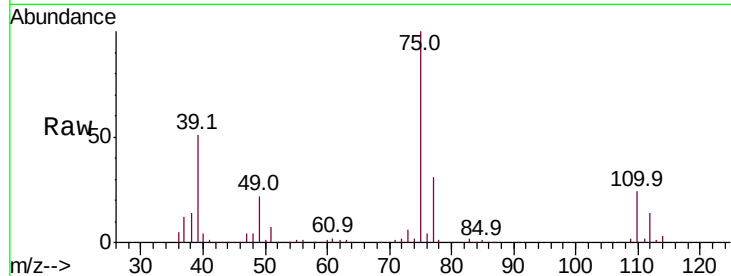
#53
 t-1,3-Dichloropropene
 Concen: 17.399 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion: 75 Resp: 66482
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8

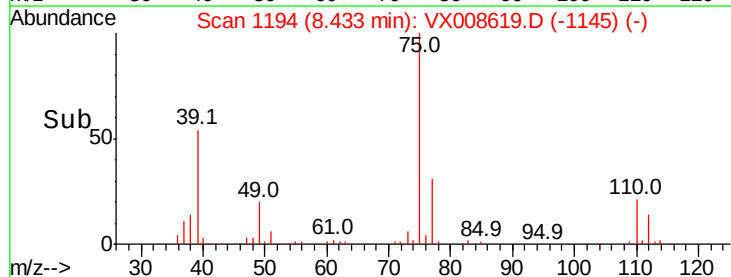
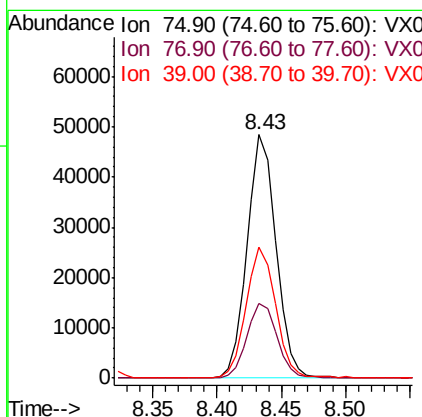
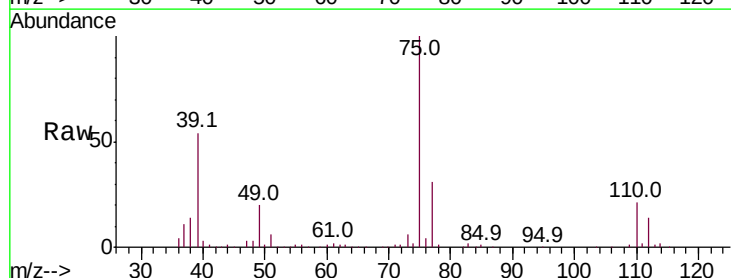
Manual Integrations
 APPROVED

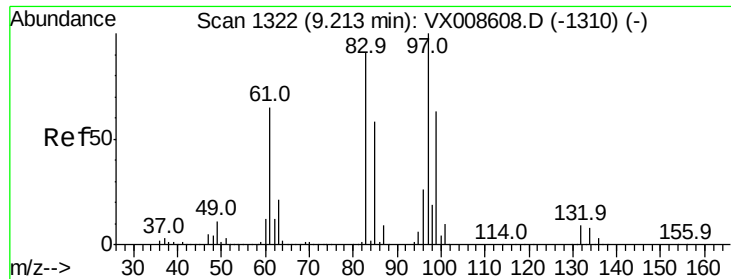
MMDadoda
 4/4/2019 3:37:27 PM



#54
 cis-1,3-Dichloropropene
 Concen: 17.135 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion: 75 Resp: 74813
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 53.8 42.6 63.8





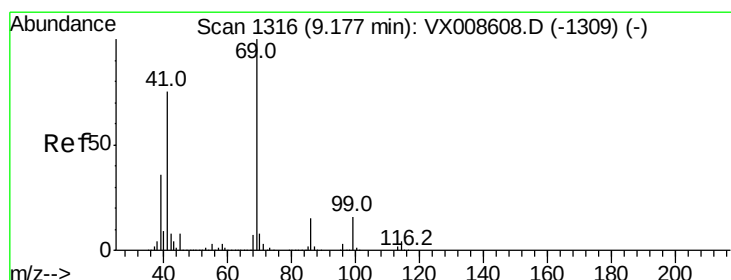
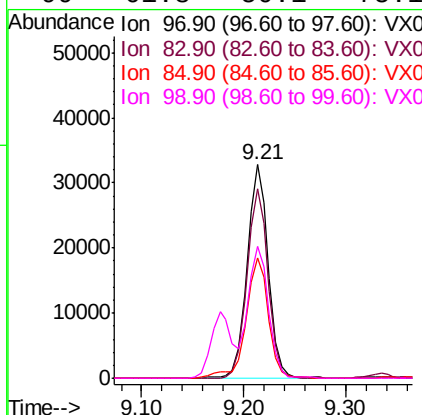
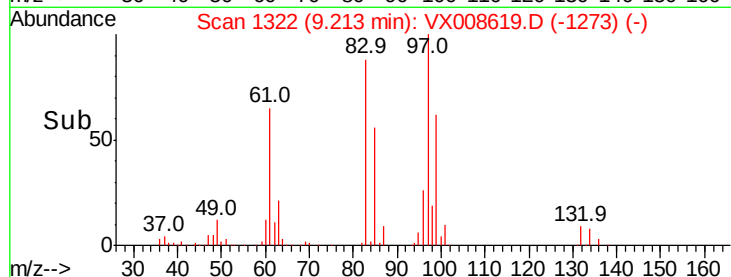
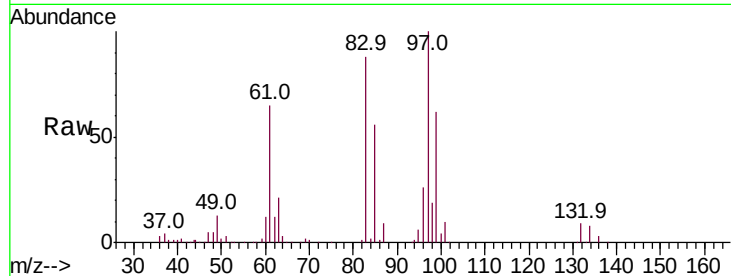
#55
 1,1,2-Trichloroethane
 Concen: 18.212 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	88.5	73.2	109.8	
85	56.4	46.6	69.8	
99	61.8	50.1	75.1	

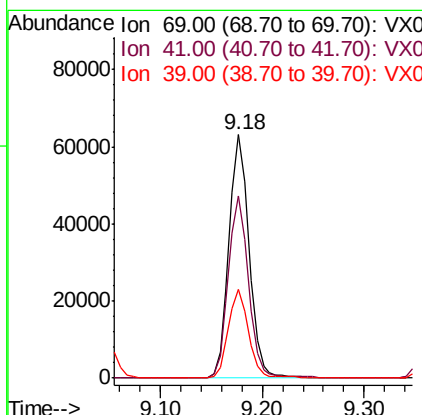
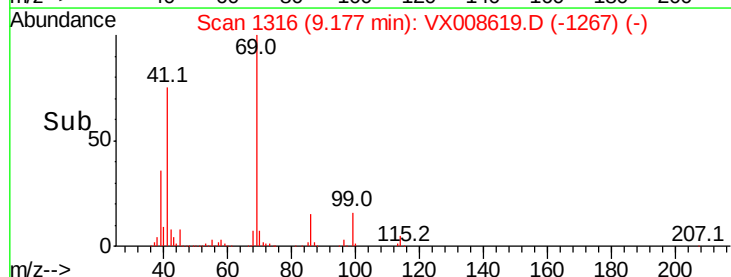
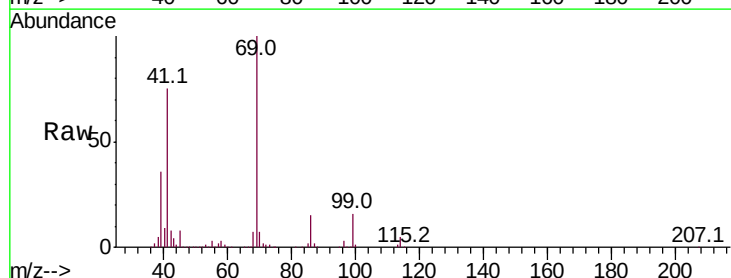
Manual Integrations
 APPROVED

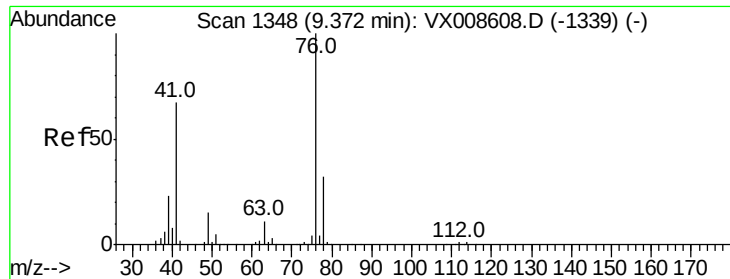
MMDadoda
 4/4/2019 3:37:27 PM



#56
 Ethyl methacrylate
 Concen: 18.440 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	74.7	60.1	90.1	
39	35.5	28.9	43.3	





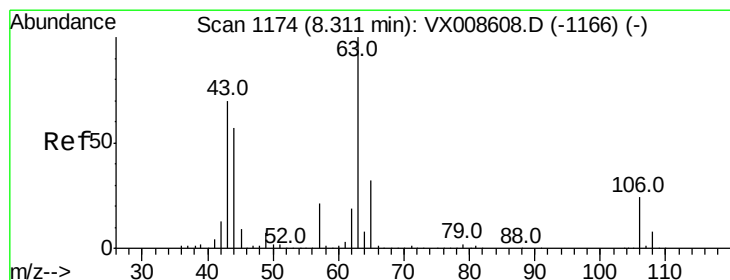
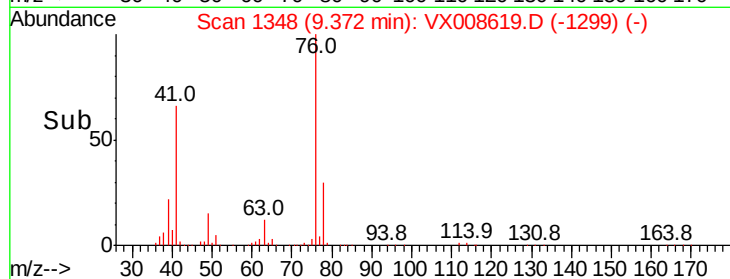
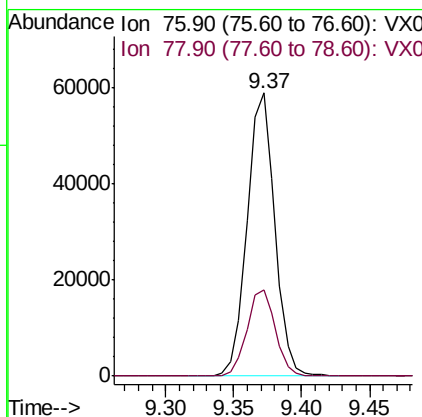
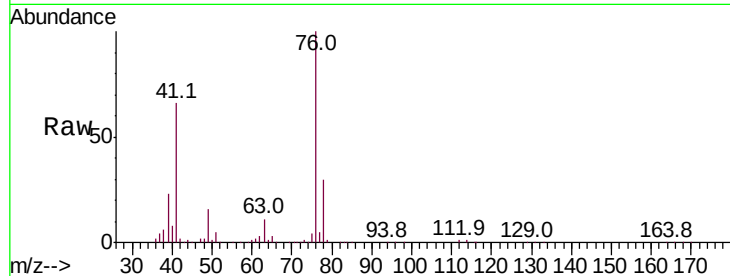
#57
 1,3-Dichloropropane
 Concen: 18.073 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion: 76 Resp: 83930
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.6 38.4

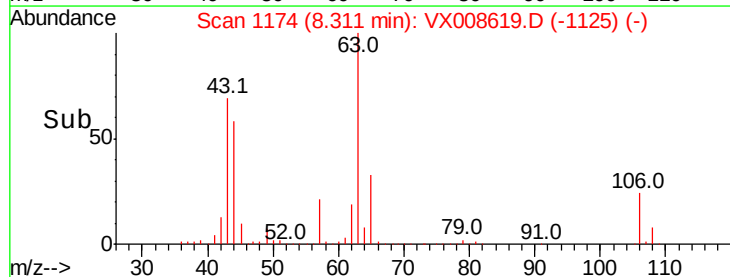
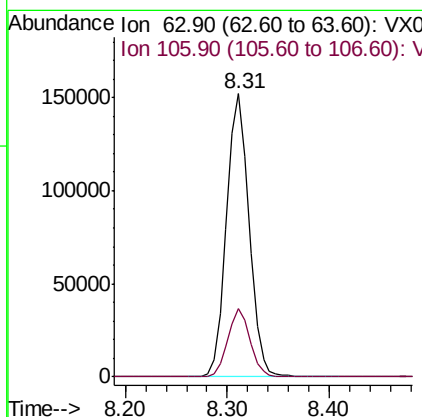
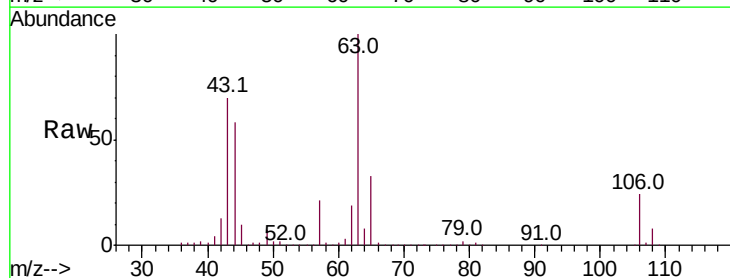
Manual Integrations
 APPROVED

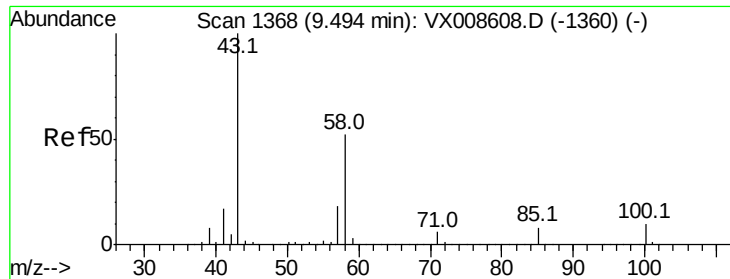
MMDadoda
 4/4/2019 3:37:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.595 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion: 63 Resp: 233187
 Ion Ratio Lower Upper
 63 100
 106 23.7 19.0 28.6





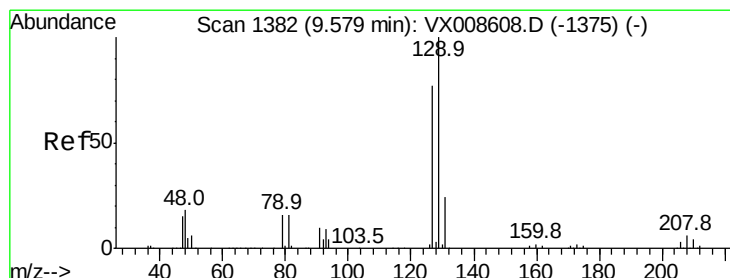
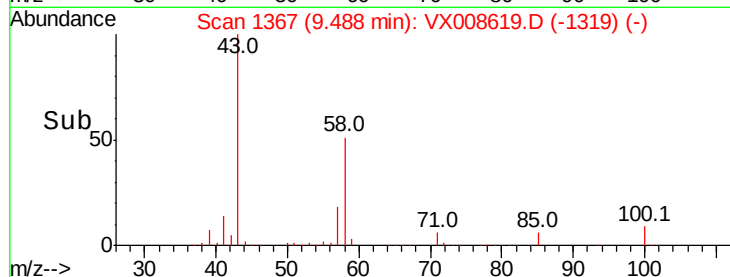
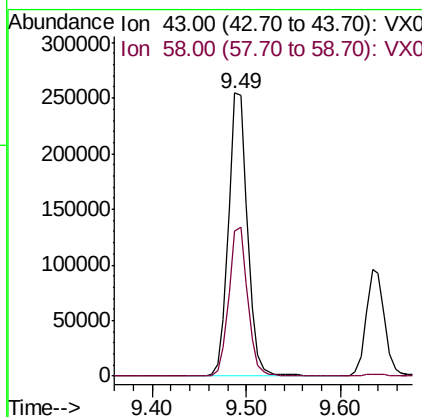
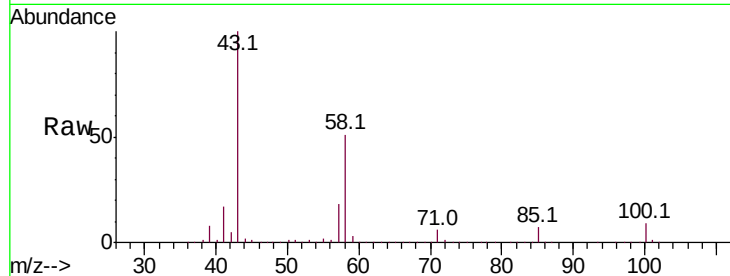
#59
2-Hexanone
Concen: 93.060 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion: 43 Resp: 357097
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.7

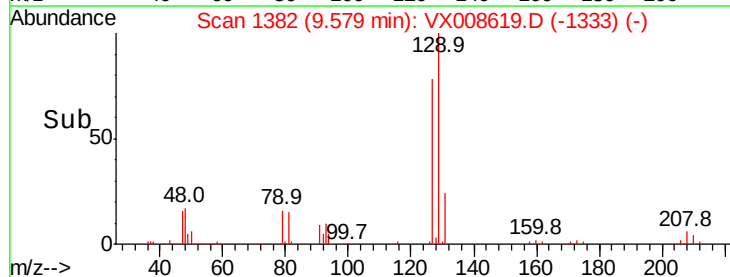
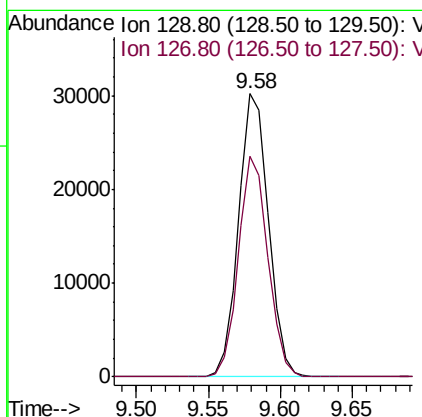
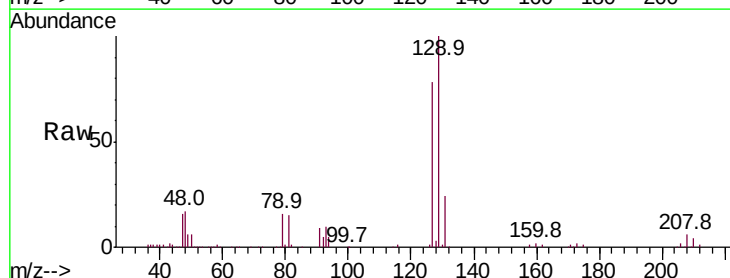
Manual Integrations
APPROVED

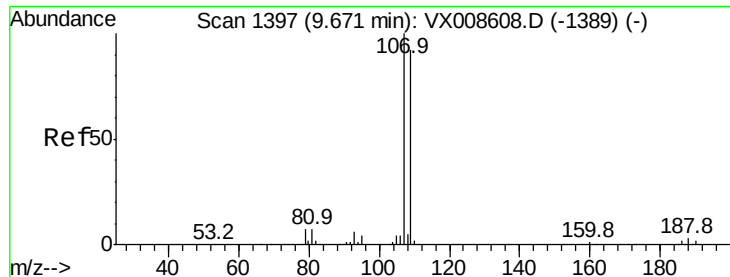
MMDadoda
4/4/2019 3:37:27 PM



#60
Dibromochloromethane
Concen: 17.840 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 129 Resp: 43476
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.717 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion:107 Resp: 47699

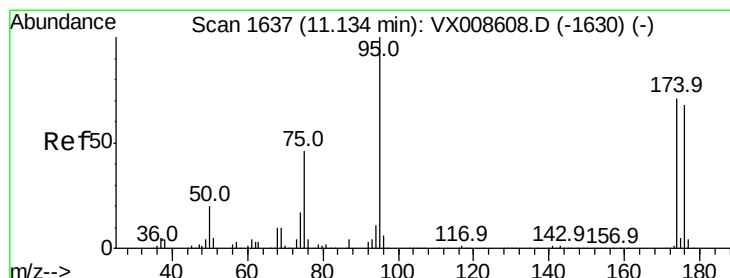
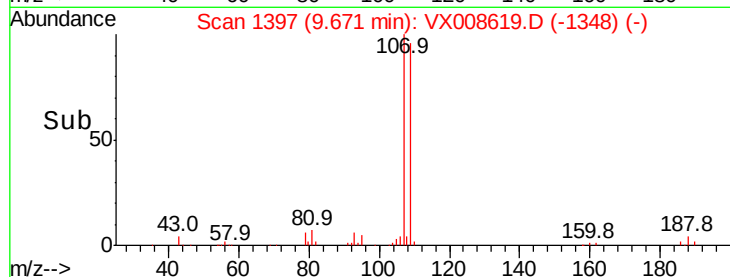
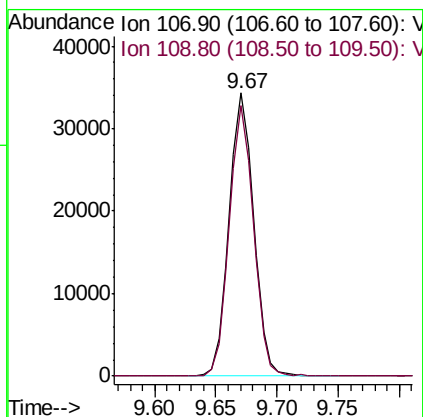
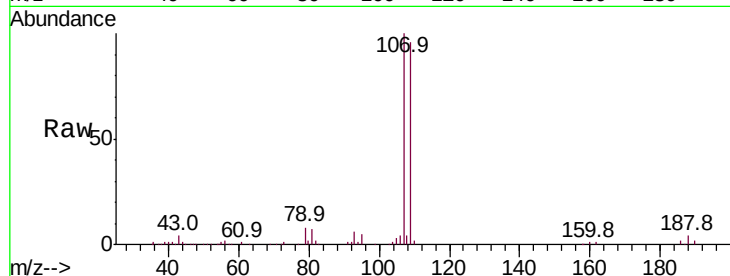
Ion Ratio Lower Upper

107 100

109 94.2 74.1 111.1

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#62

4-Bromofluorobenzene

Concen: 51.128 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

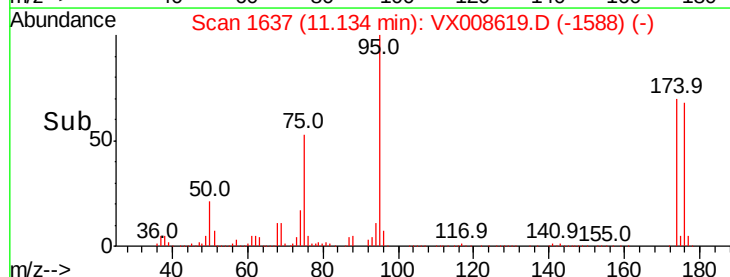
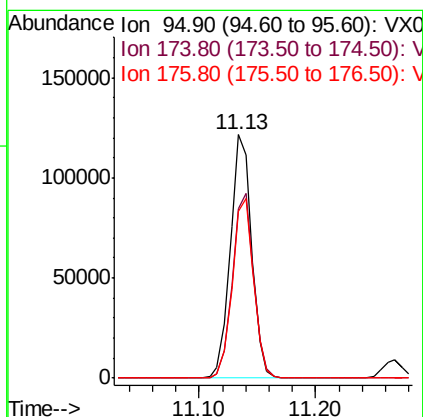
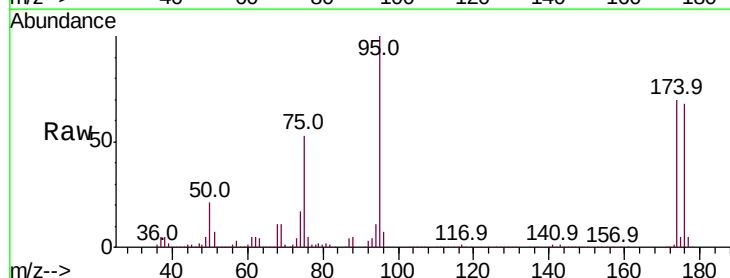
Tgt Ion: 95 Resp: 154896

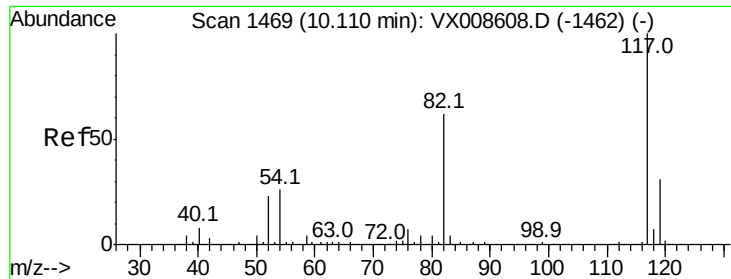
Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.8

176 73.8 0.0 145.8





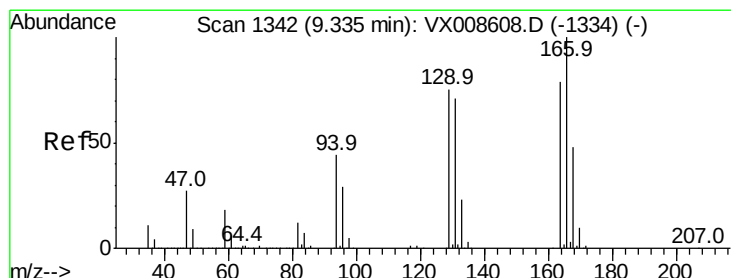
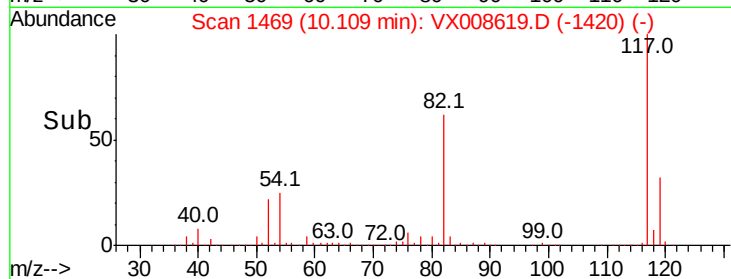
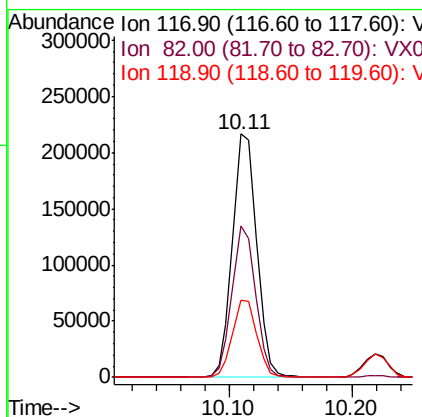
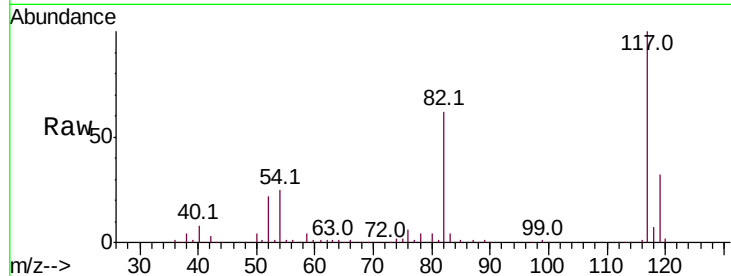
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.6	74.4
119	31.8	25.0	37.4

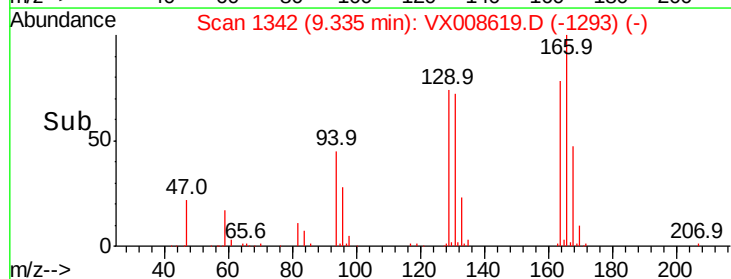
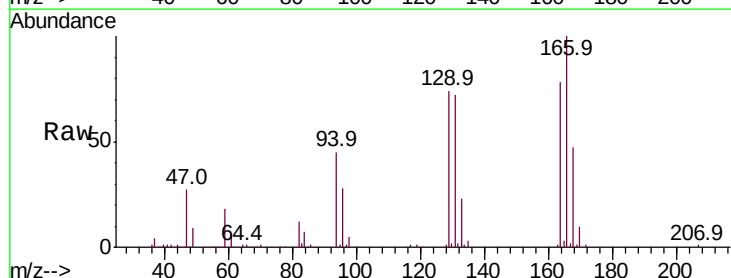
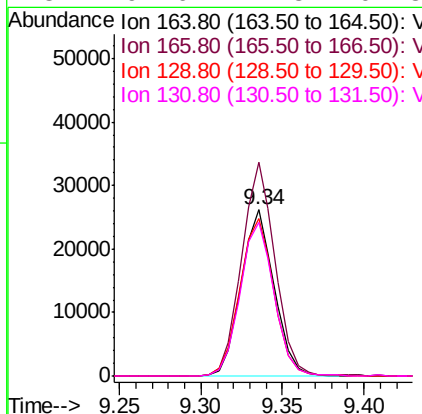
Manual Integrations
APPROVED

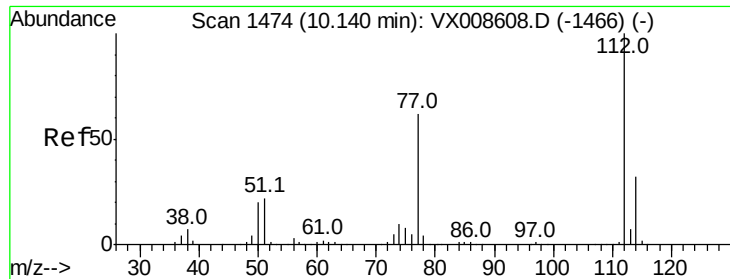
MMDadoda
4/4/2019 3:37:27 PM



#64
Tetrachloroethene
Concen: 16.769 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.0	151.6
129	95.0	75.8	113.8
131	92.6	71.8	107.8





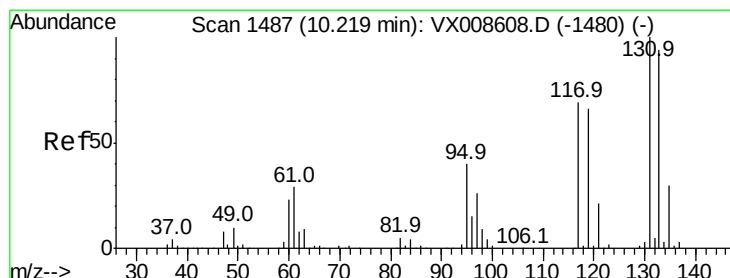
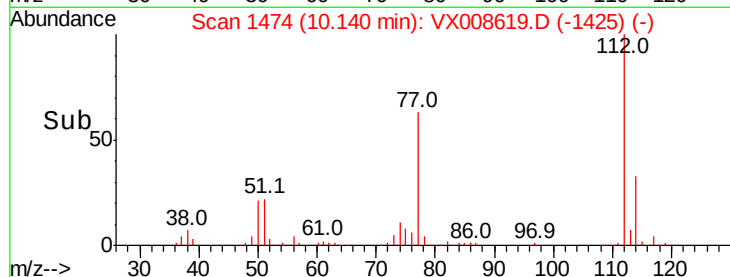
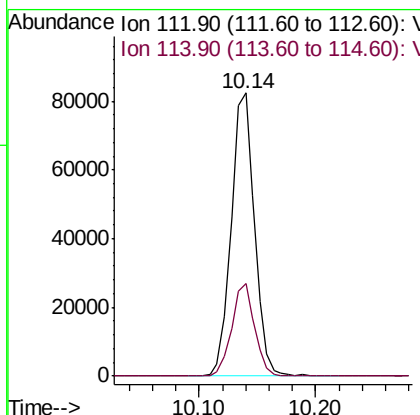
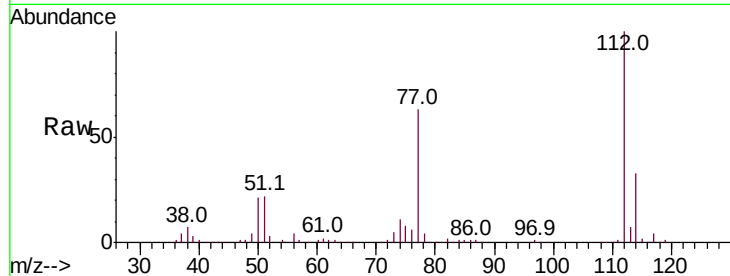
#65
Chlorobenzene
Concen: 17.474 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion:112 Resp: 115069
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8

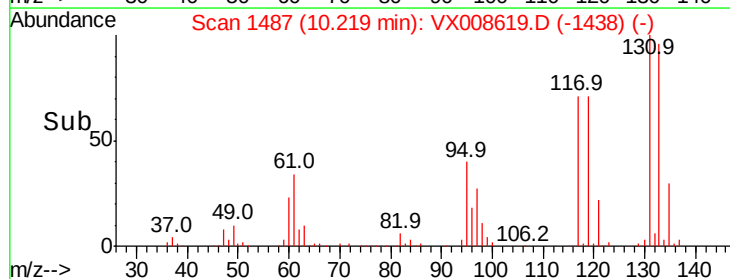
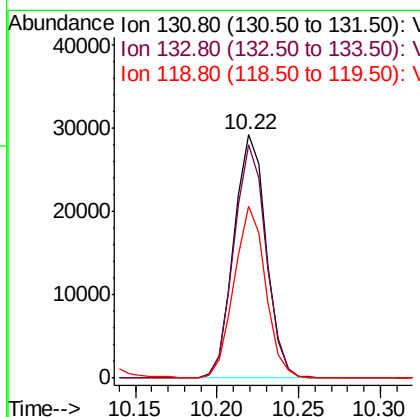
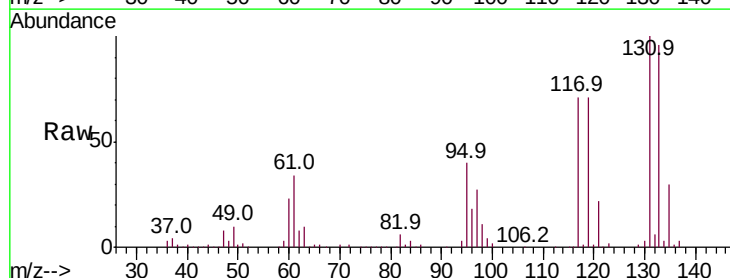
Manual Integrations
APPROVED

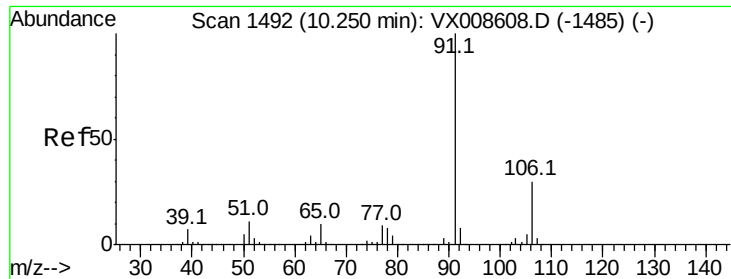
MMDadoda
4/4/2019 3:37:27 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.434 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion:131 Resp: 40278
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.2
119 69.1 33.7 101.0





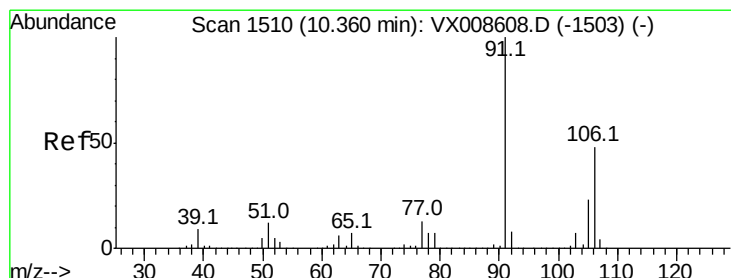
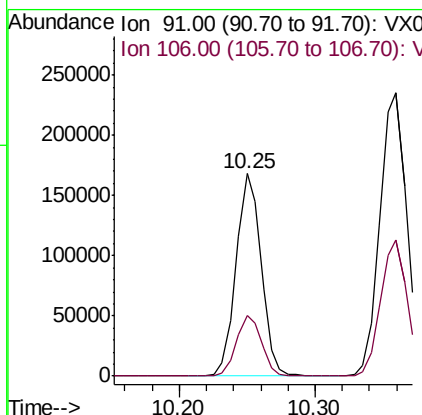
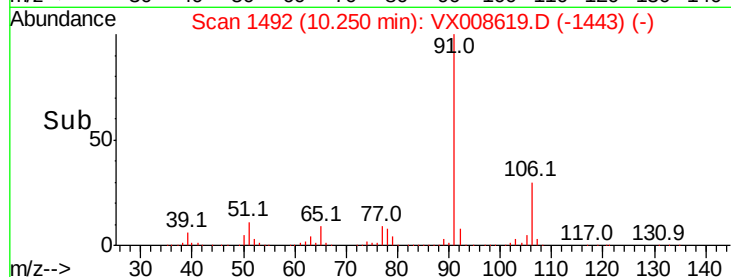
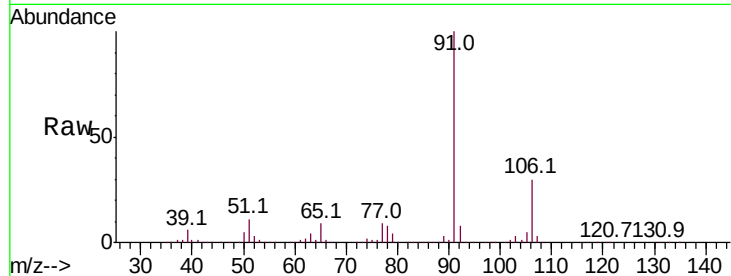
#67
Ethyl Benzene
Concen: 17.670 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tot Ion: 91 Resp: 216981
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5

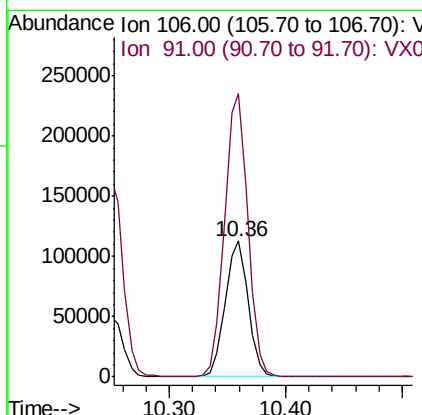
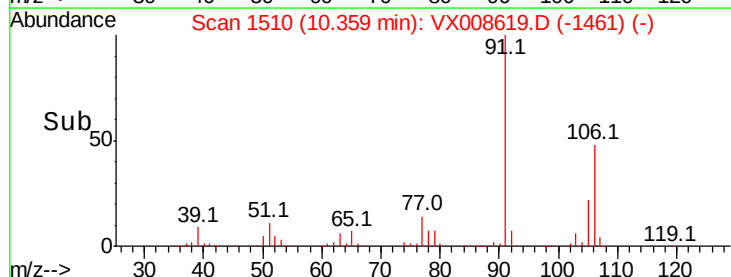
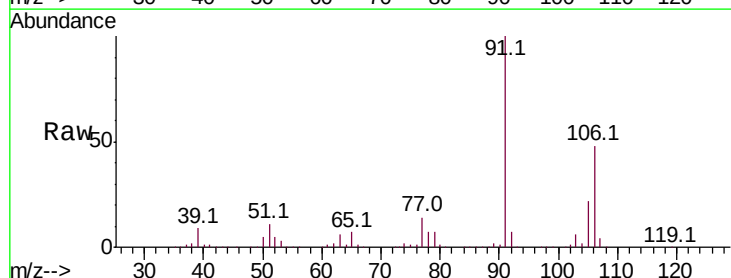
Manual Integrations
APPROVED

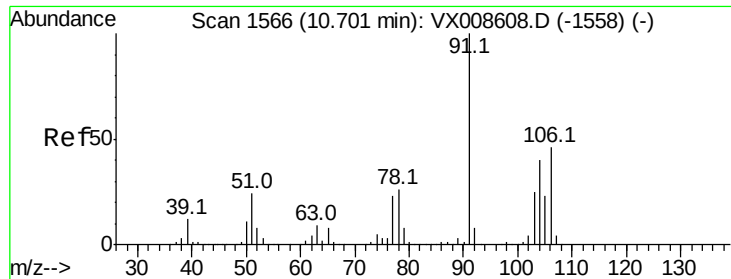
MMDadoda
4/4/2019 3:37:27 PM



#68
m/p-Xylenes
Concen: 34.799 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 106 Resp: 153644
Ion Ratio Lower Upper
106 100
91 211.5 168.5 252.7





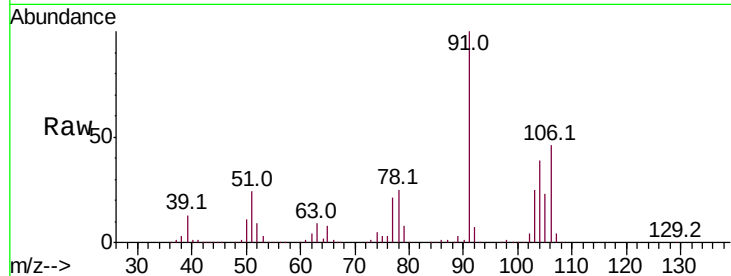
#69
o-Xylene
Concen: 17.724 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

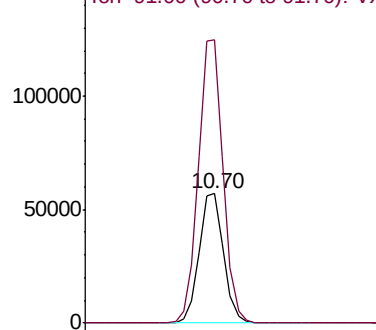
Tot Ion:106 Resp: 75835
Ion Ratio Lower Upper
106 100
91 222.1 111.5 334.4

Manual Integrations
APPROVED

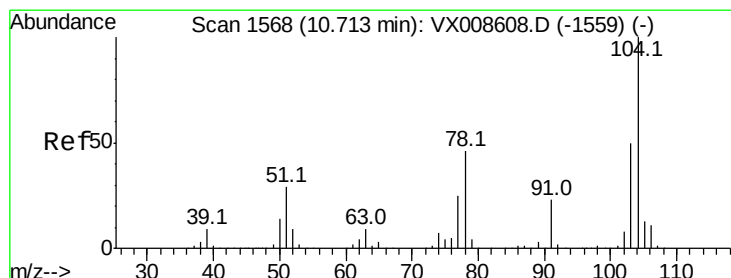
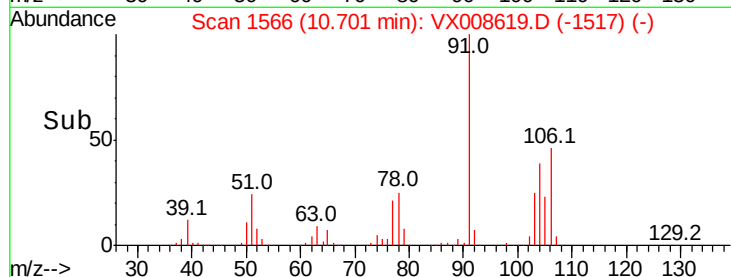
MMDadoda
4/4/2019 3:37:27 PM



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

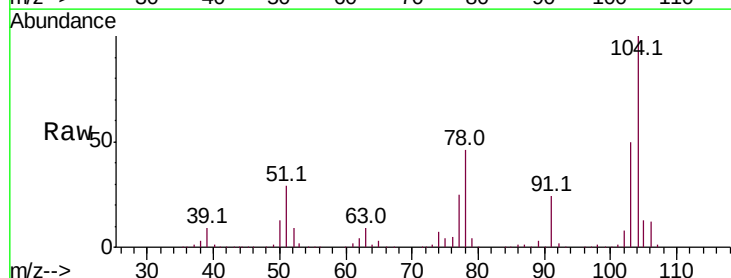


Time-->

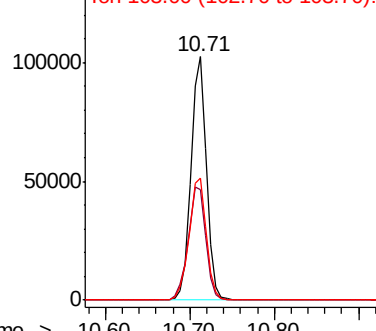


#70
Styrene
Concen: 17.788 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

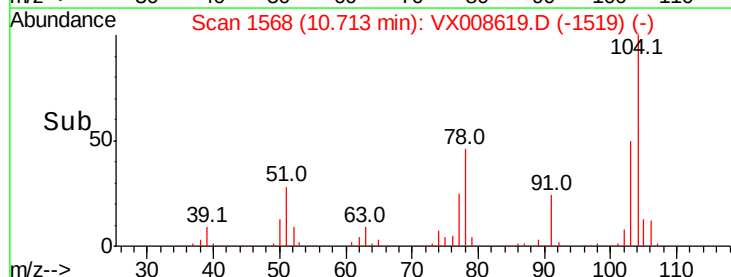
Tgt Ion:104 Resp: 131197
Ion Ratio Lower Upper
104 100
78 53.4 42.3 63.5
103 55.9 44.4 66.6

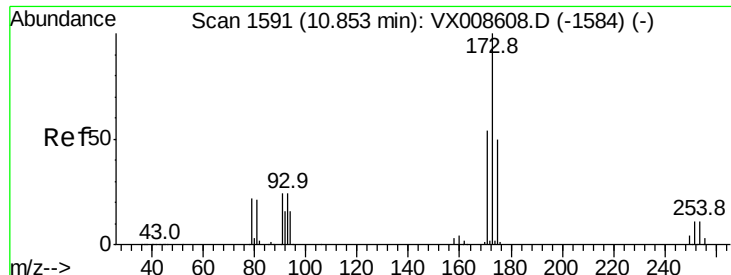


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 17.320 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

Tot Ion:173 Resp: 30560

Ion Ratio Lower Upper

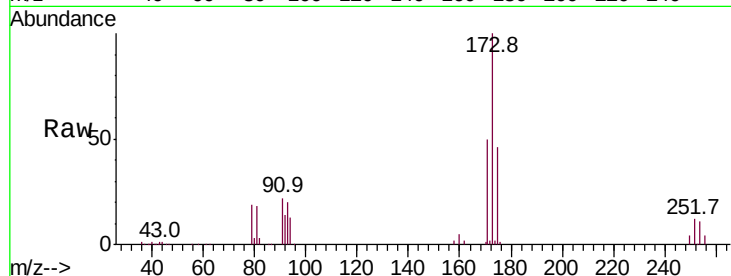
173 100

175 48.2 24.9 74.6

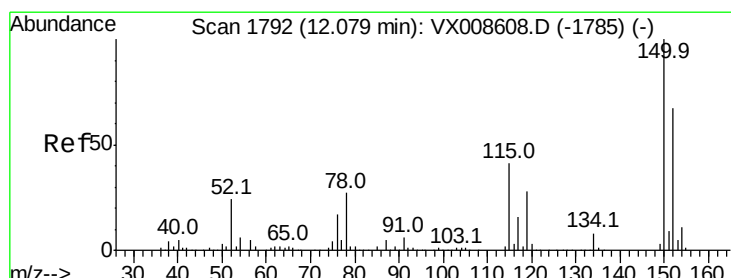
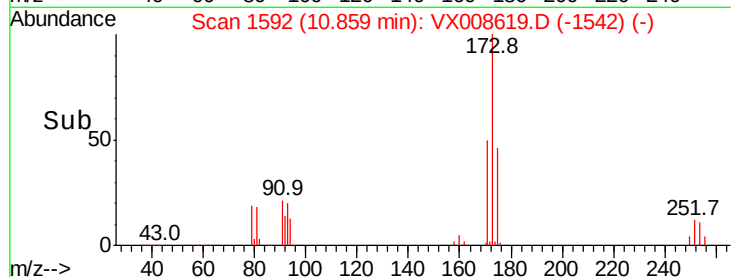
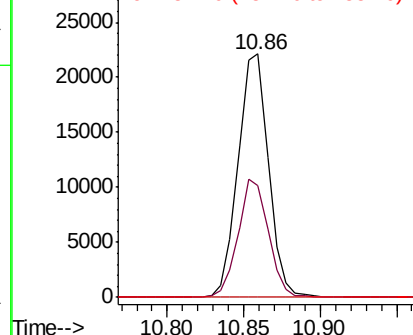
254 0.1 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

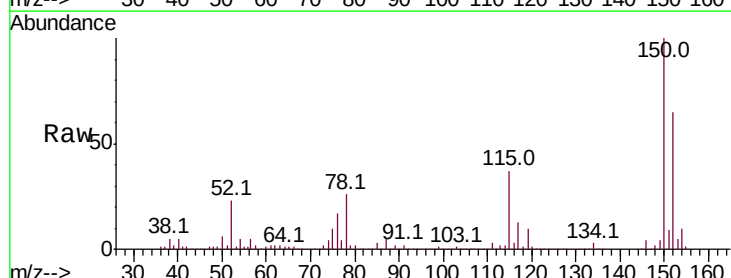
Tgt Ion:152 Resp: 132760

Ion Ratio Lower Upper

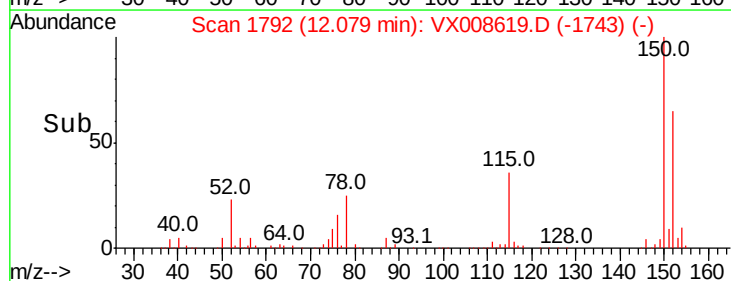
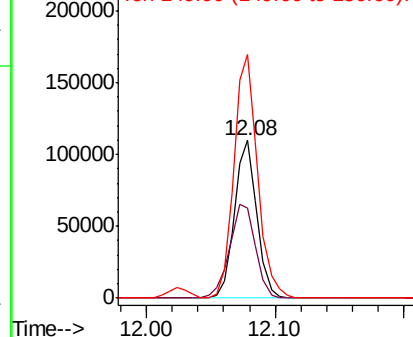
152 100

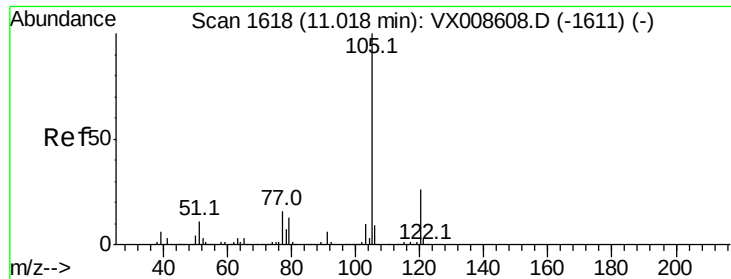
115 69.6 43.5 130.5

150 163.9 0.0 348.8



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





#73

Isopropylbenzene

Concen: 18.412 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion:105 Resp: 202574

Ion Ratio Lower Upper

105 100

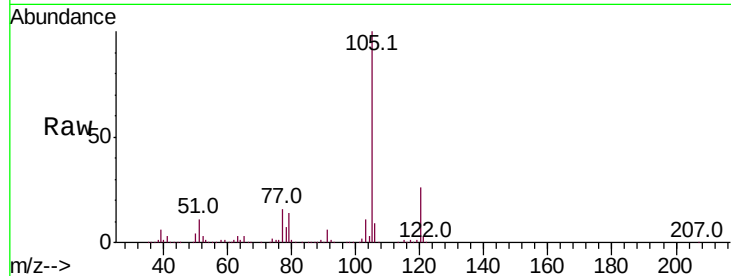
120 25.6 12.9 38.6

Manual Integrations

APPROVED

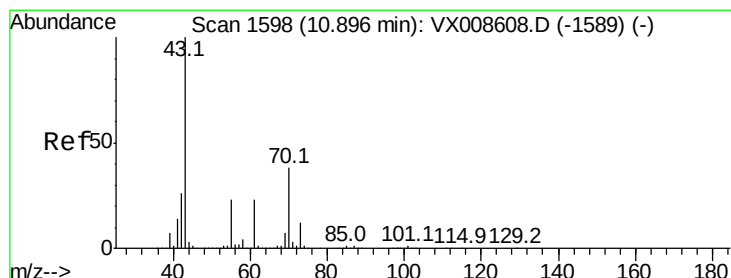
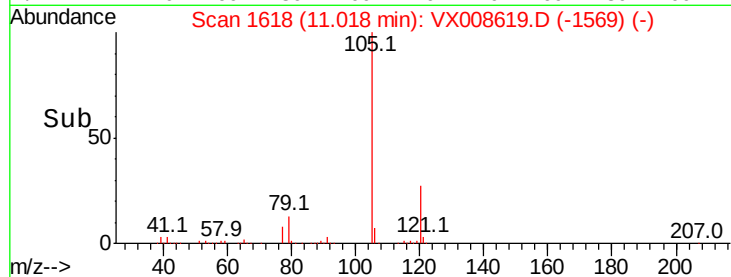
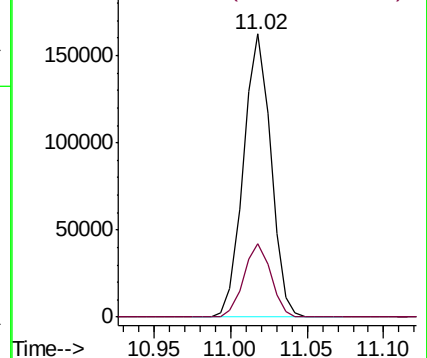
MMDadoda

4/4/2019 3:37:27 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.561 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion: 43 Resp: 120146

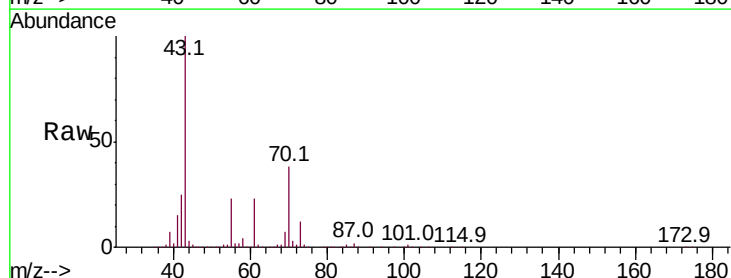
Ion Ratio Lower Upper

43 100

70 37.7 30.2 45.4

55 23.3 18.2 27.4

61 22.8 18.6 28.0

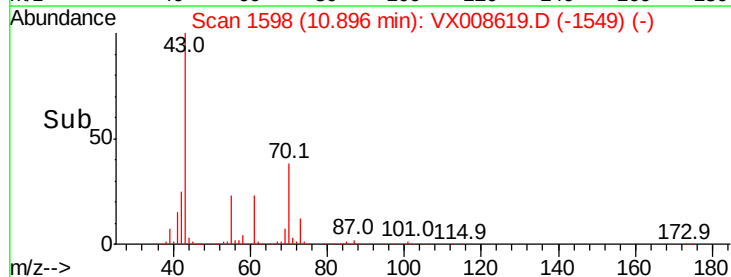
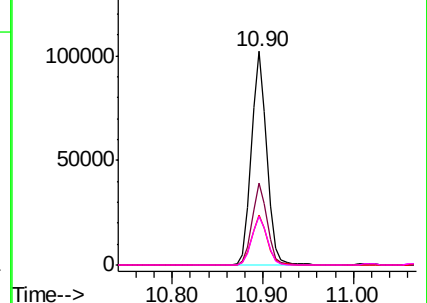


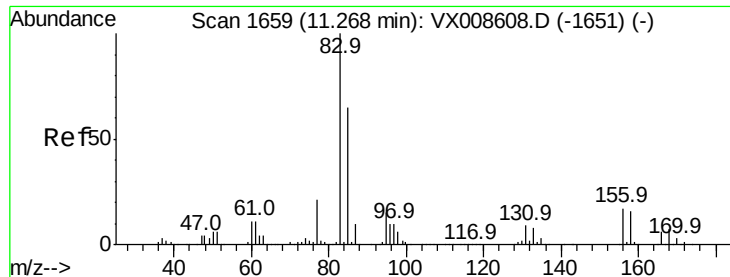
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.640 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

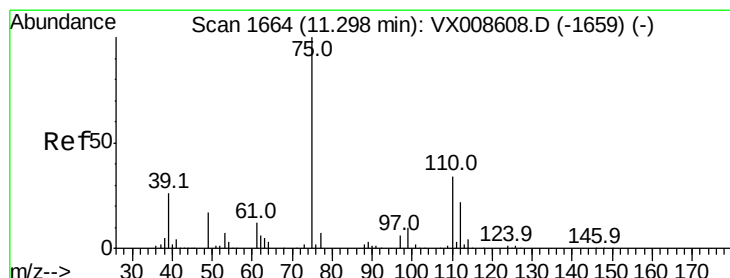
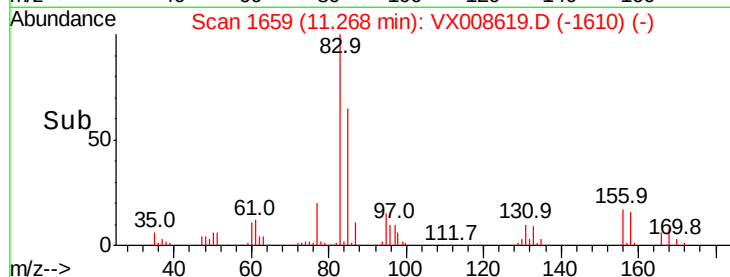
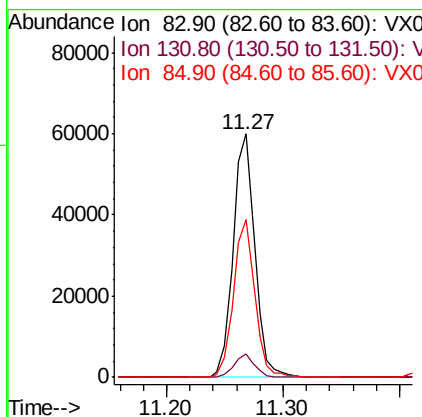
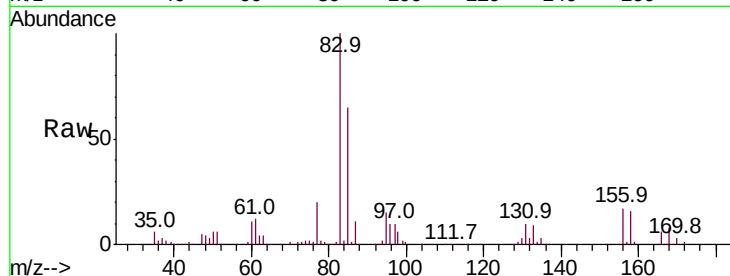
ClientSampled :

VX0403WBS01

Tot Ion:	83	Resp:	77995
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.7
85	63.7	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#76

1,2,3-Trichloropropane

Concen: 18.039 ug/l m

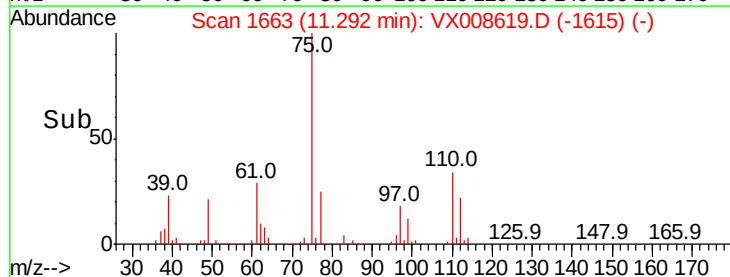
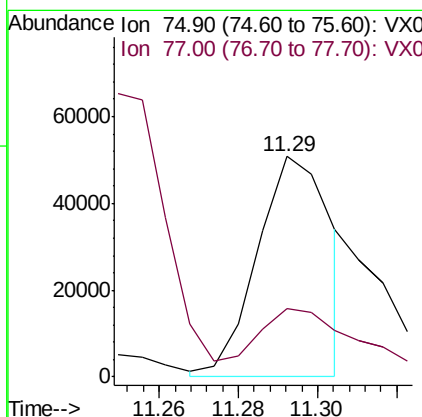
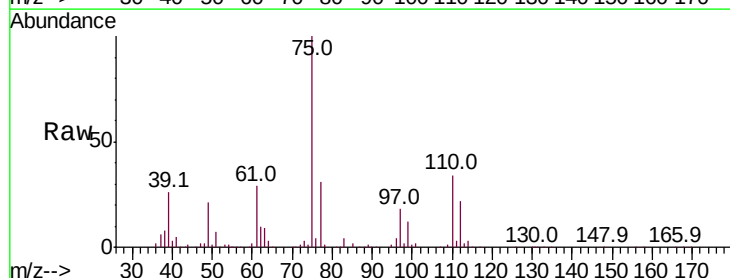
RT: 11.29 min Scan# 1663

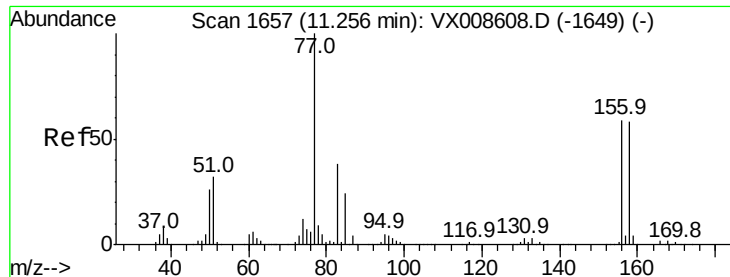
Delta R.T. -0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion:	75	Resp:	65789
Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.3	66.8





#77

Bromobenzene

Concen: 17.967 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tot Ion:156 Resp: 47521

Ion Ratio Lower Upper

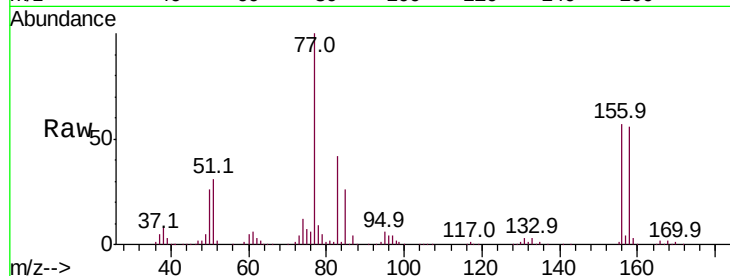
156 100

77 182.3 89.8 269.6

158 97.2 48.6 145.9

Manual Integrations
APPROVED

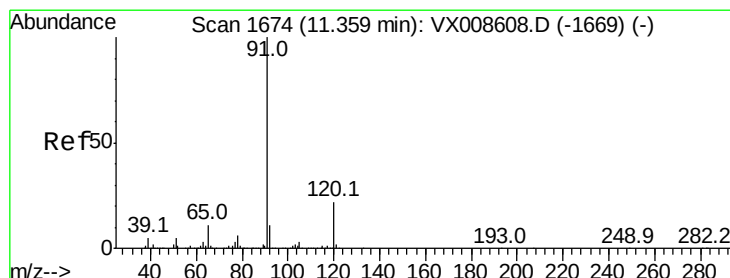
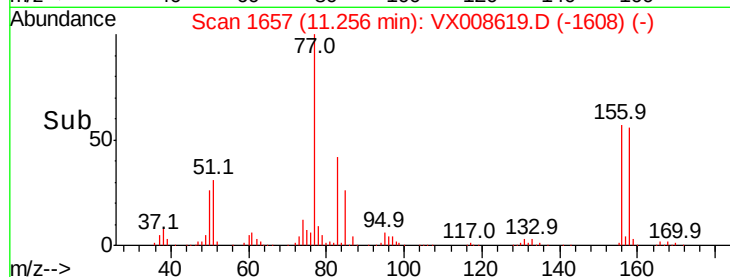
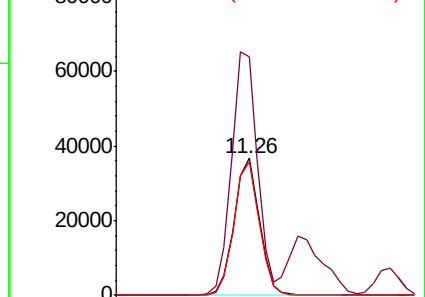
MMDadoda
4/4/2019 3:37:27 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.107 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008619.D

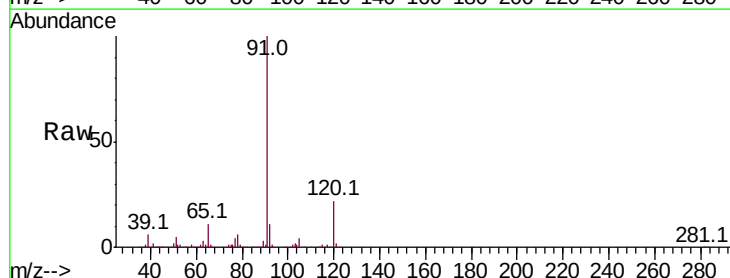
Acq: 03 Apr 2019 17:44

Tgt Ion: 91 Resp: 231968

Ion Ratio Lower Upper

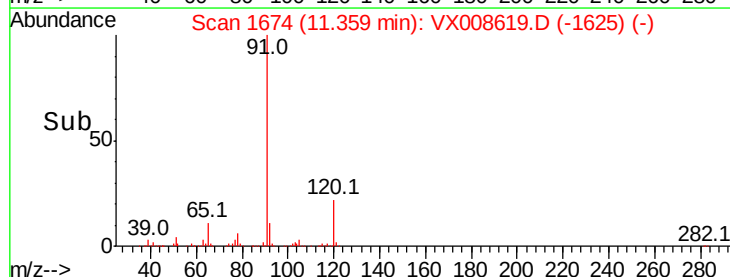
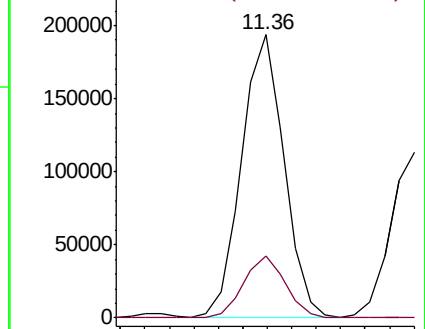
91 100

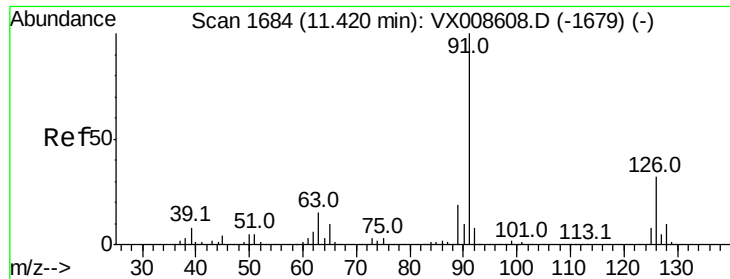
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.027 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

Tot Ion: 91 Resp: 139757

Ion Ratio Lower Upper

91 100

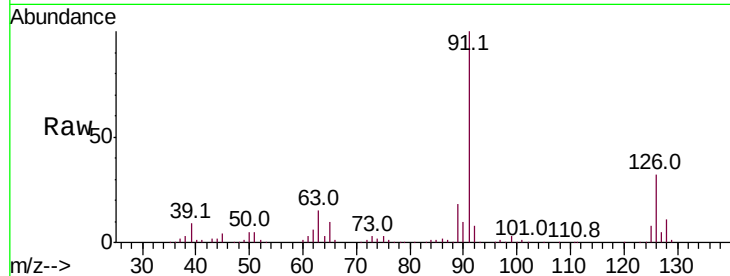
126 32.0 16.1 48.3

Manual Integrations

APPROVED

MMDadoda

4/4/2019 3:37:27 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

200000

150000

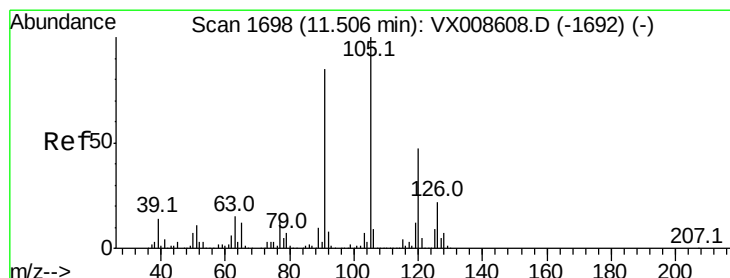
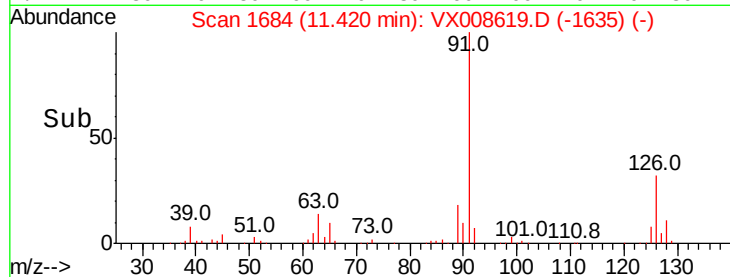
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.193 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008619.D

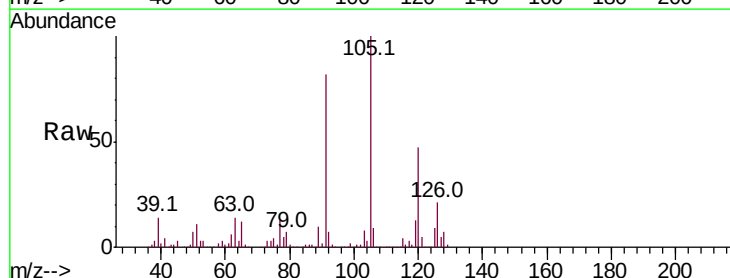
Acq: 03 Apr 2019 17:44

Tgt Ion:105 Resp: 168021

Ion Ratio Lower Upper

105 100

120 47.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

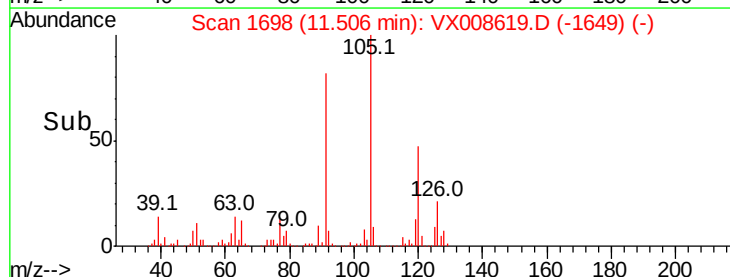
100000

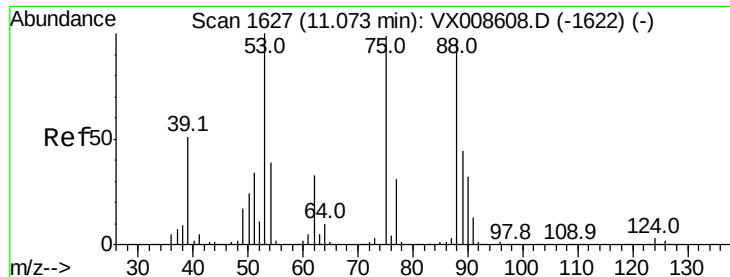
50000

0

11.45 11.50 11.55 11.60

Time-->





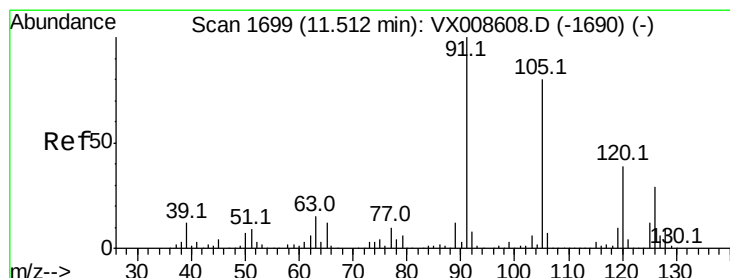
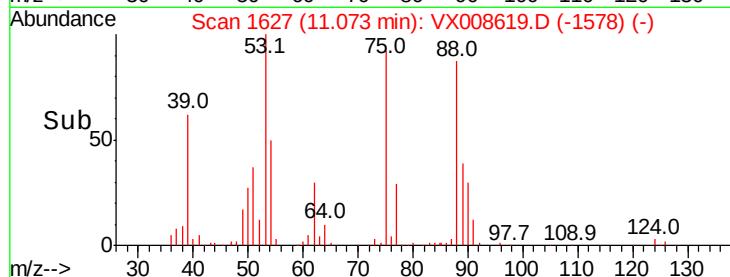
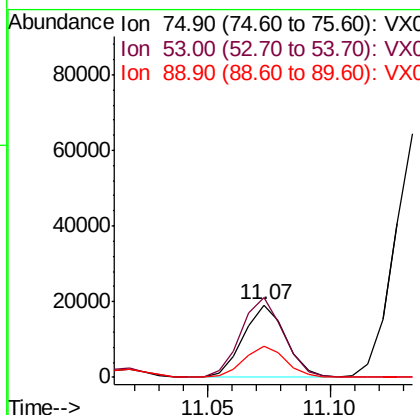
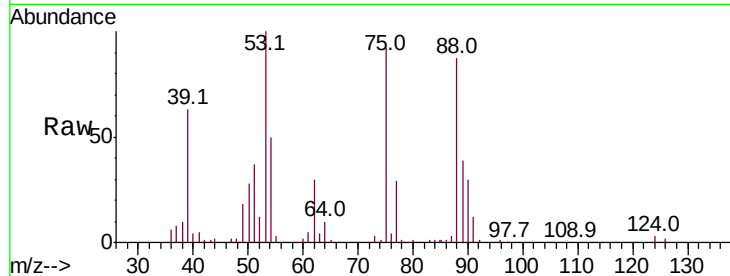
#81
trans-1,4-Dichloro-2-butene
Concen: 17.235 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion: 75 Resp: 22803
Ion Ratio Lower Upper
75 100
53 111.0 81.3 121.9
89 43.2 35.6 53.4

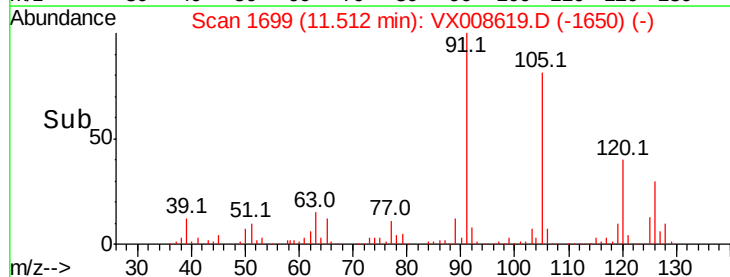
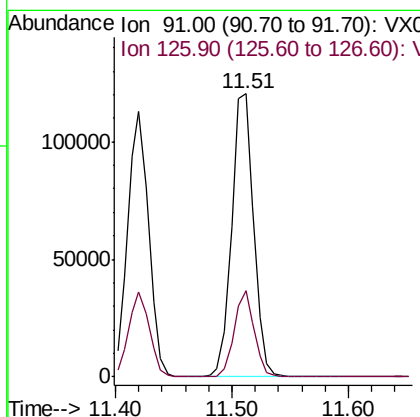
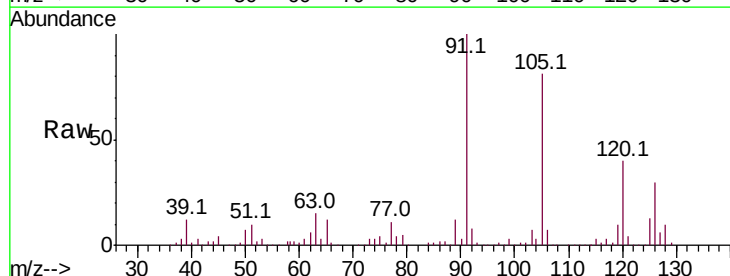
Manual Integrations
APPROVED

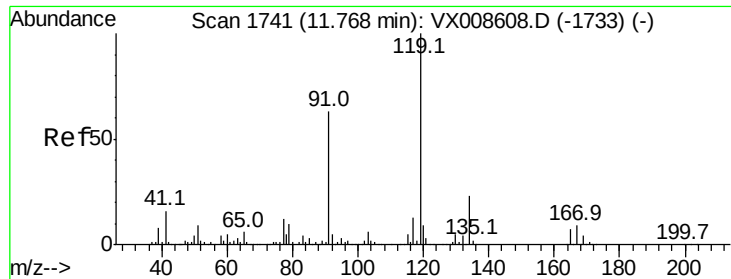
MMDadoda
4/4/2019 3:37:27 PM



#82
4-Chlorotoluene
Concen: 17.549 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 91 Resp: 157475
Ion Ratio Lower Upper
91 100
126 27.8 13.9 41.6





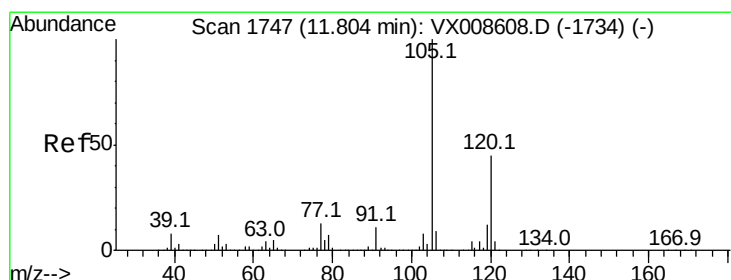
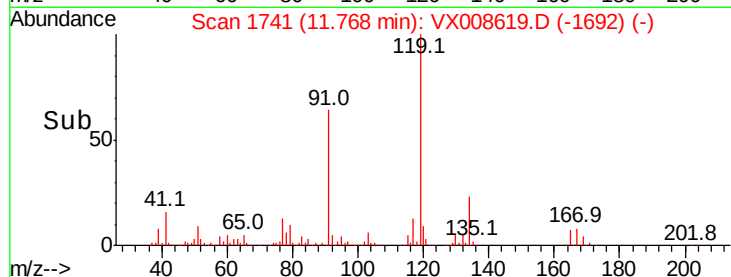
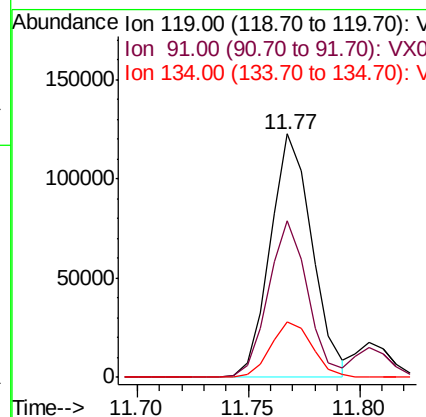
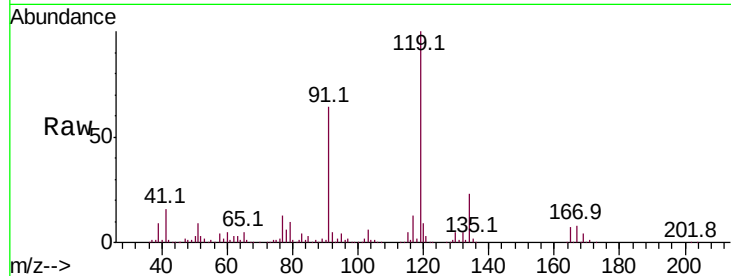
#83
tert-Butylbenzene
Concen: 17.943 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	159424		
91	60.8	30.0	90.1	
134	22.6	11.1	33.3	

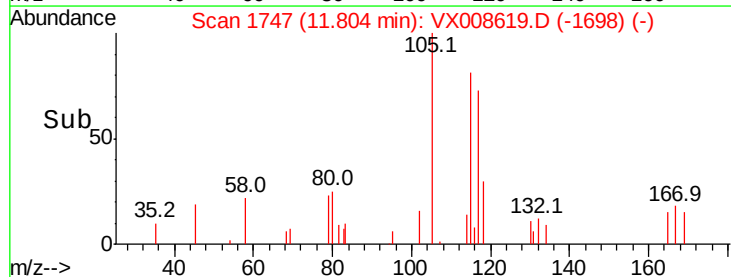
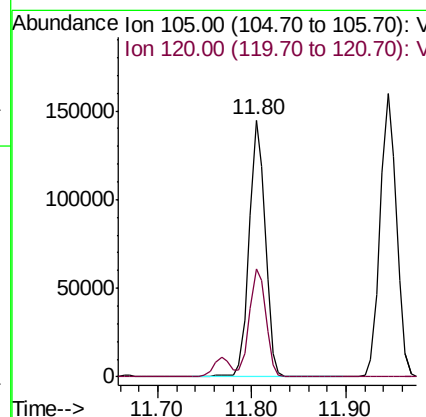
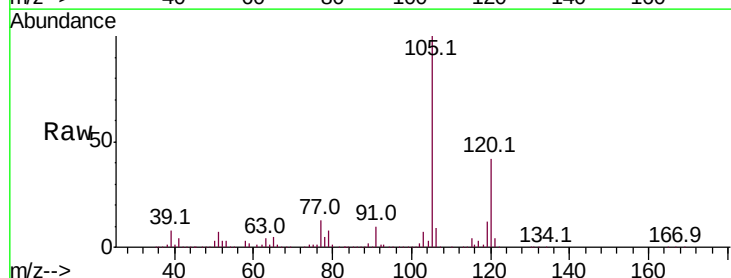
Manual Integrations
APPROVED

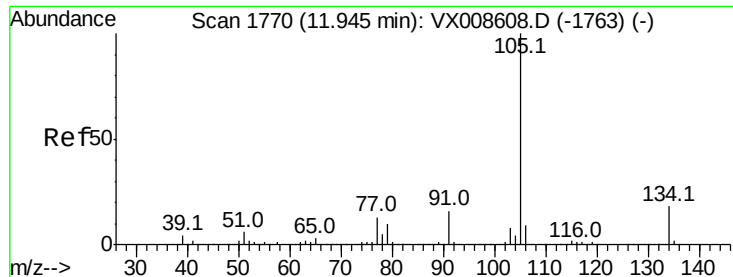
MMDadoda
4/4/2019 3:37:27 PM



#84
1,2,4-Trimethylbenzene
Concen: 18.375 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	171831		
120	42.7	21.8	65.3	





#85

sec-Butylbenzene

Concen: 18.254 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

Tot Ion:105 Resp: 192653

Ion Ratio Lower Upper

105 100

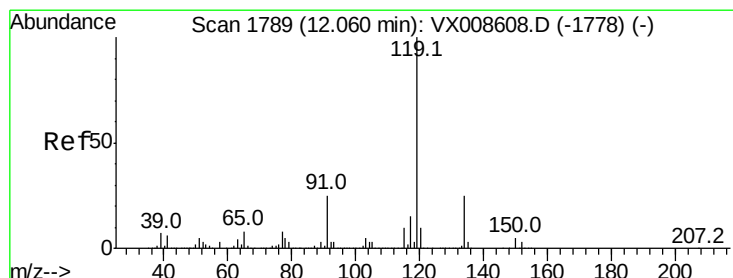
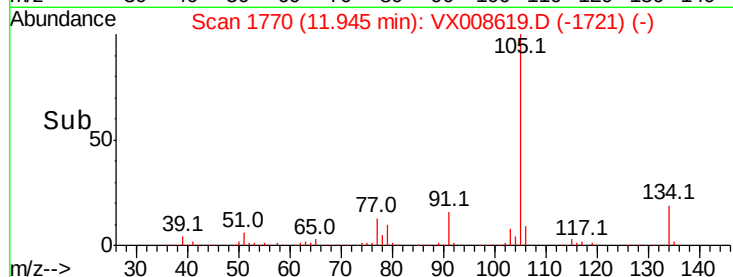
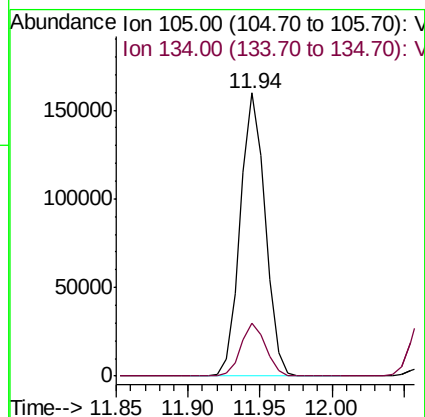
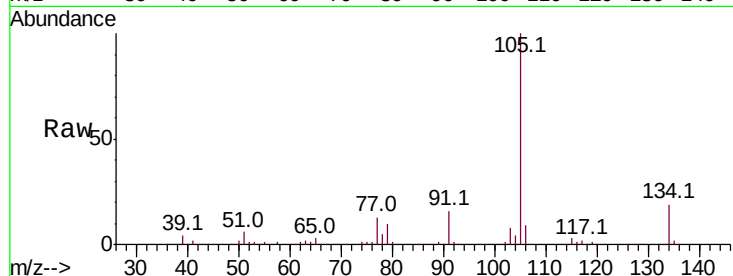
134 18.6 9.4 28.2

Manual Integrations

APPROVED

MMDadoda

4/4/2019 3:37:27 PM



#86

p-Isopropyltoluene

Concen: 18.059 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

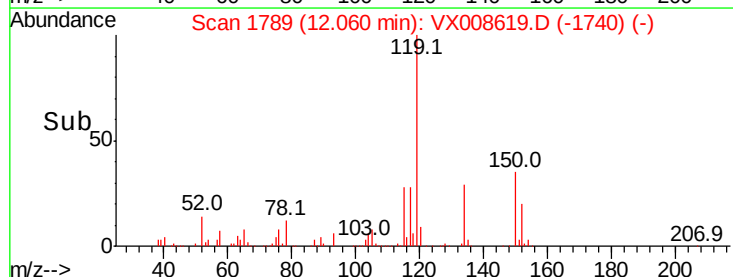
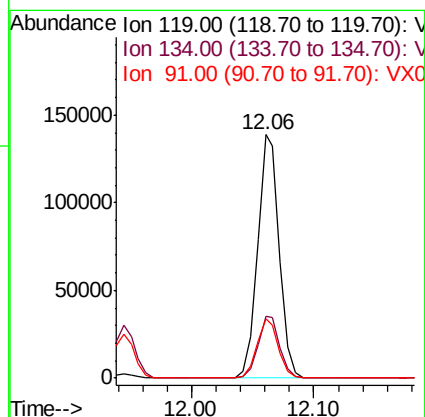
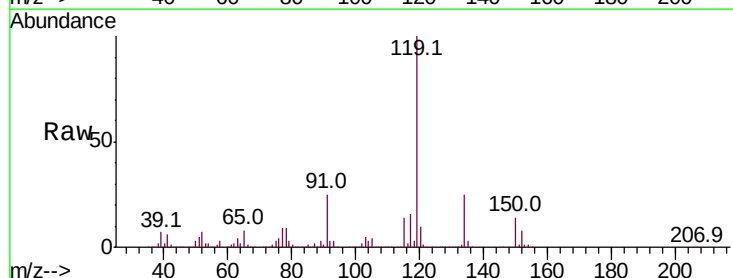
Tgt Ion:119 Resp: 171068

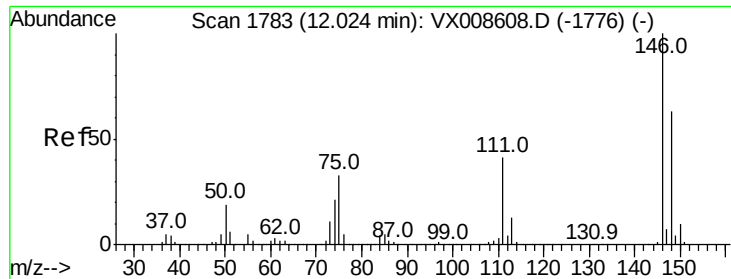
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.3 12.2 36.6





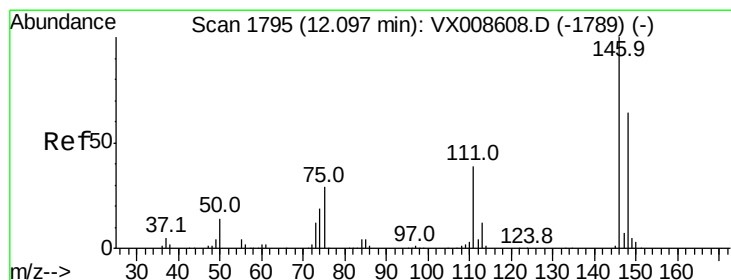
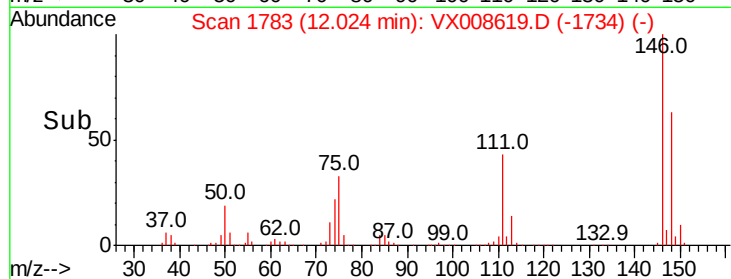
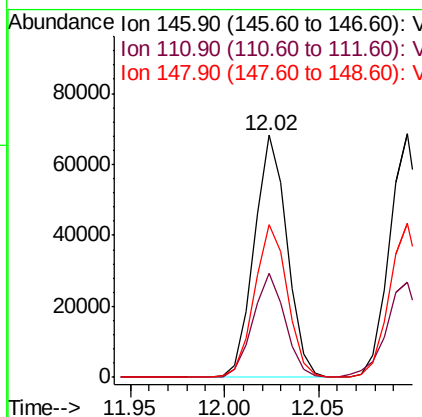
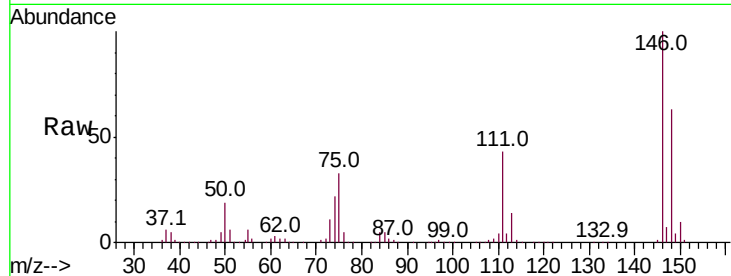
#87
 1,3-Dichlorobenzene
 Concen: 17.373 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	63.5	31.6	94.7

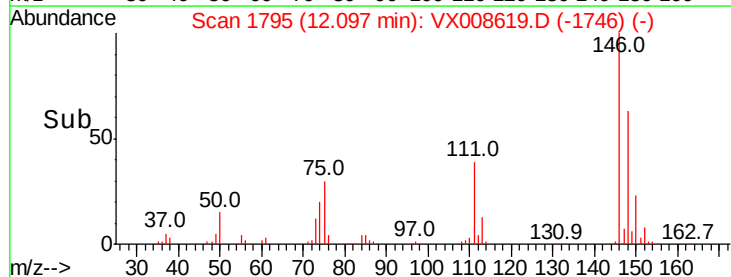
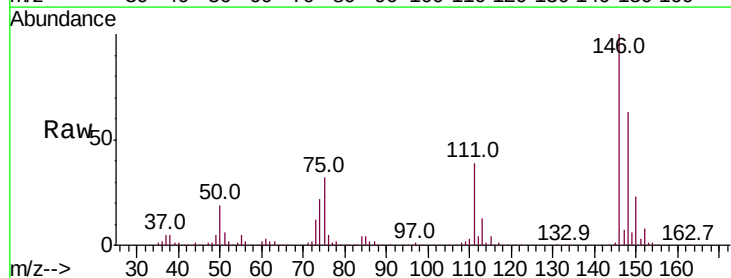
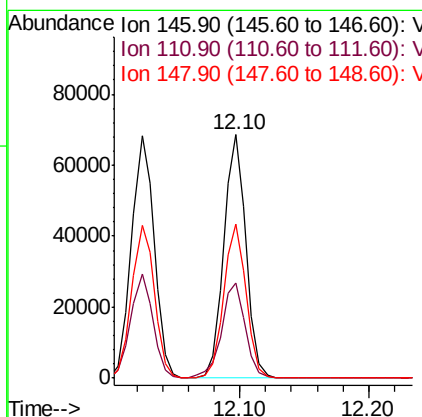
Manual Integrations
 APPROVED

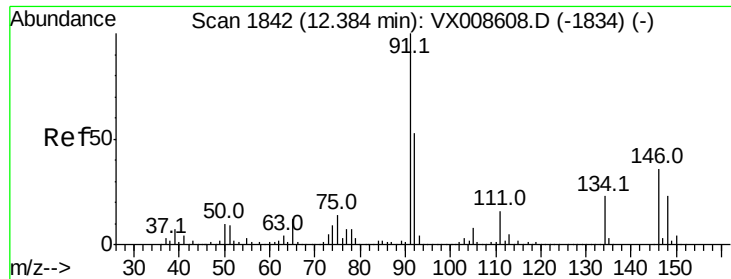
MMDadoda
 4/4/2019 3:37:27 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.348 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.6
148	64.0	32.0	96.0





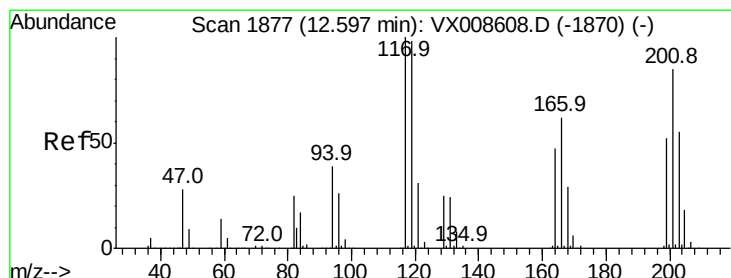
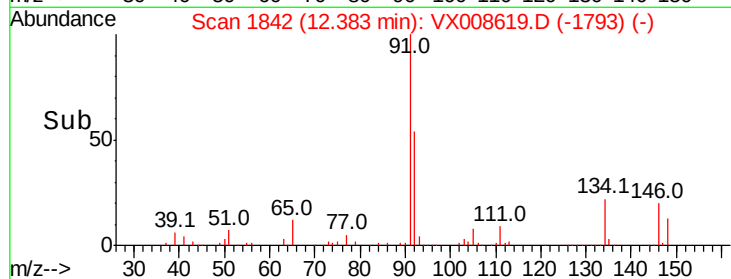
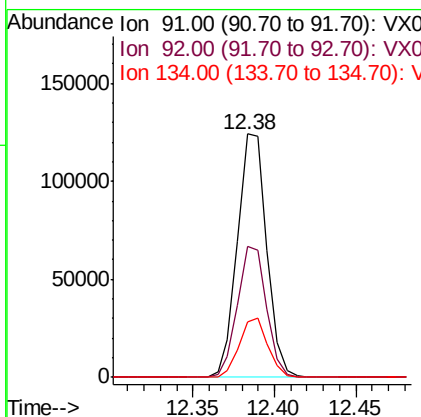
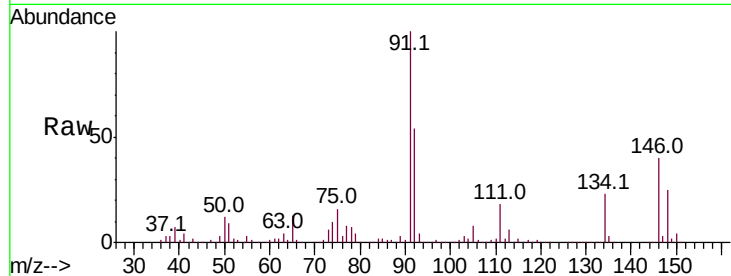
#89
n-Butylbenzene
Concen: 17.541 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.2
134	23.5	12.0	36.0

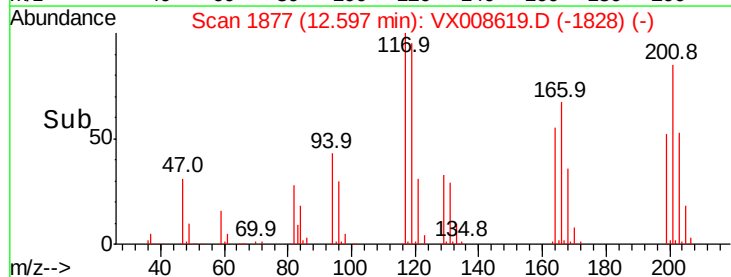
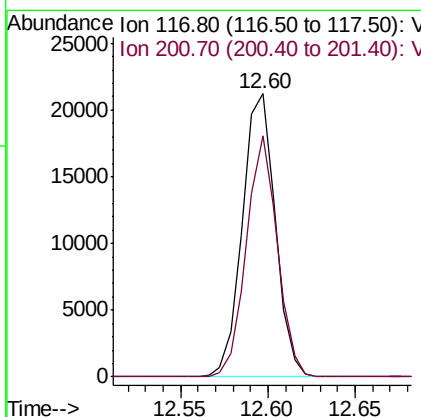
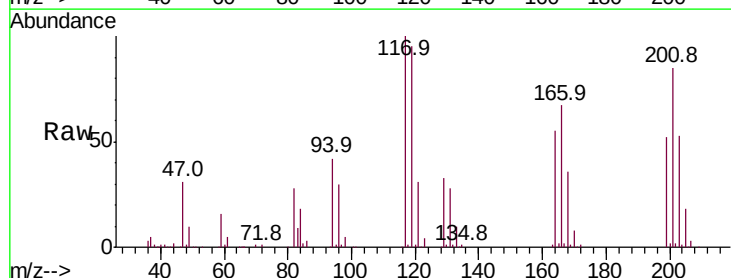
Manual Integrations
APPROVED

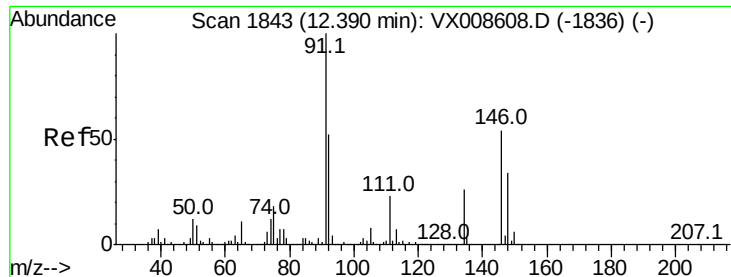
MMDadoda
4/4/2019 3:37:27 PM



#90
Hexachloroethane
Concen: 17.686 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.0	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 17.816 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

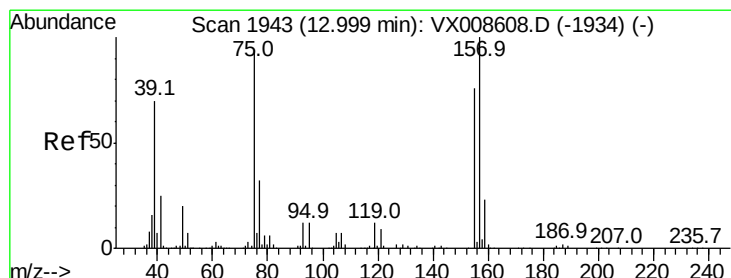
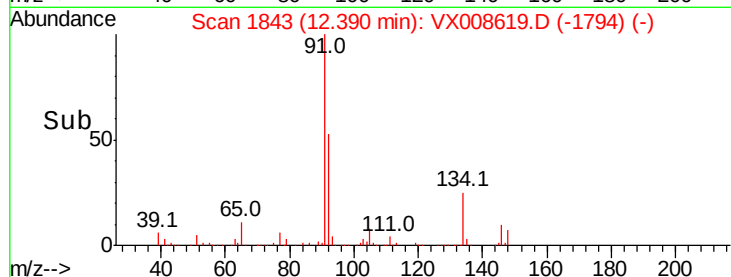
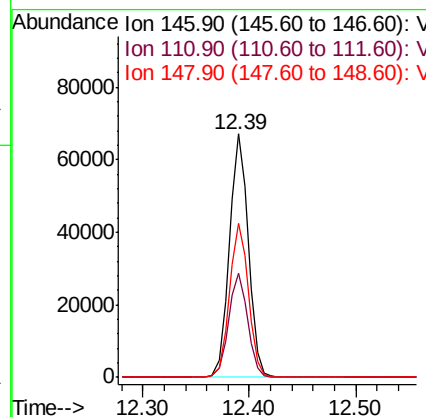
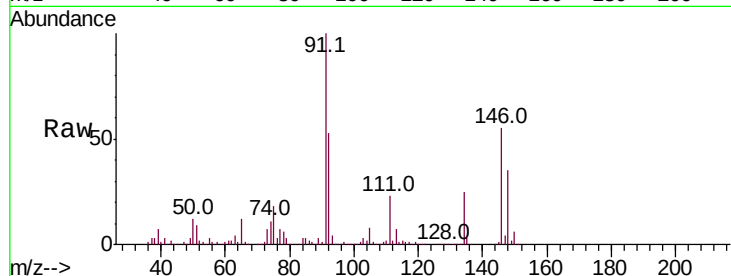
ClientSampled :

VX0403WBS01

Tot Ion:	146	Resp:	83758
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.3	63.9
148	63.1	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.200 ug/l

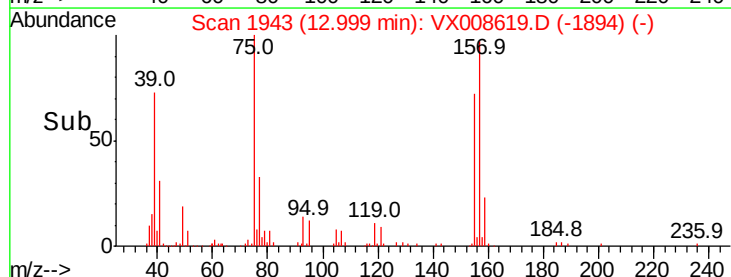
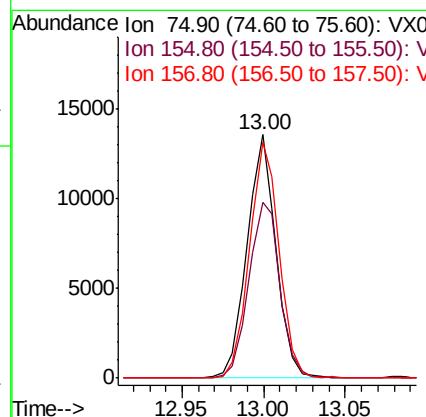
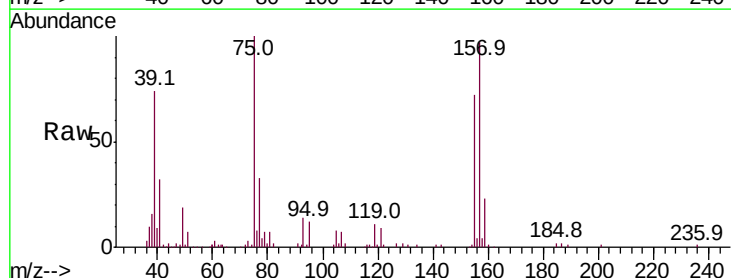
RT: 13.00 min Scan# 1943

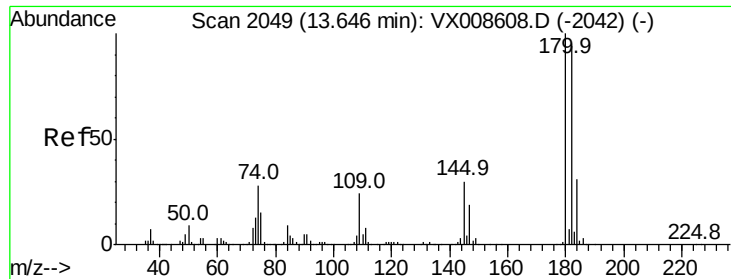
Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion:	75	Resp:	16753
Ion Ratio	Lower	Upper	
75	100		
155	77.7	39.9	119.6
157	99.3	51.5	154.7





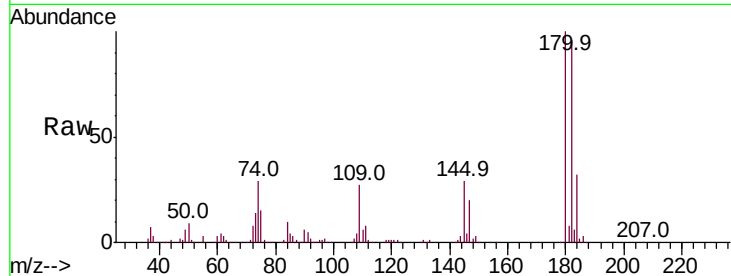
#93
 1,2,4-Trichlorobenzene
 Concen: 17.053 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.2	141.6
145	29.7	15.3	45.9

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:27 PM

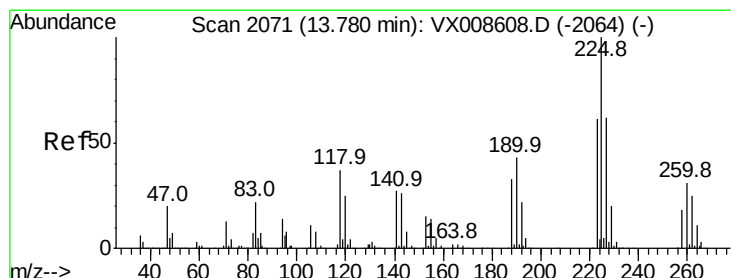
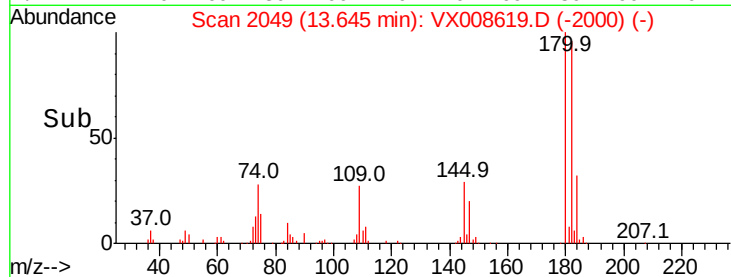
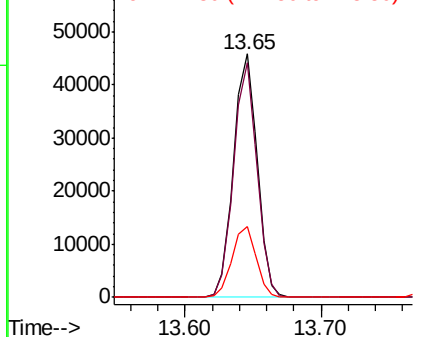


Abundance

Ion 179.80 (179.50 to 180.50): V

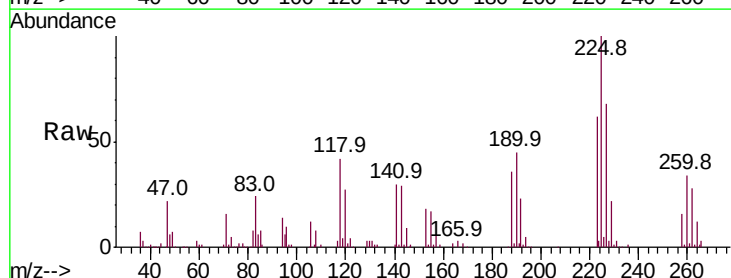
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.681 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.2	93.6
227	64.7	31.9	95.5

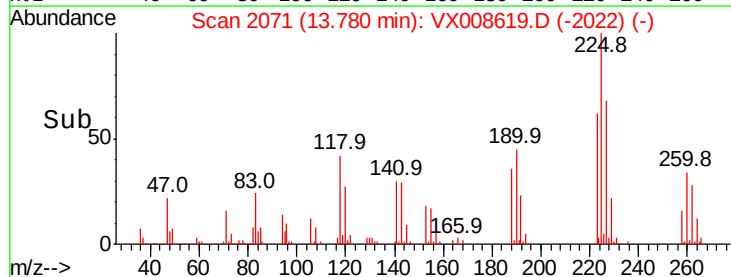
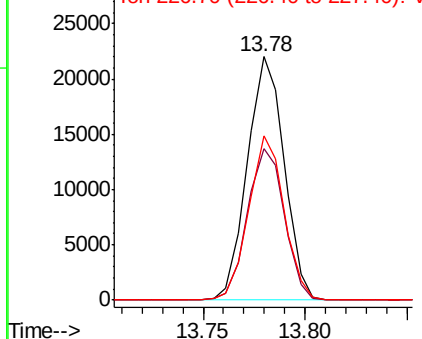


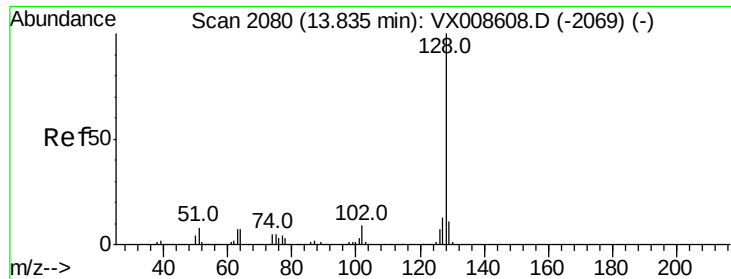
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.808 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

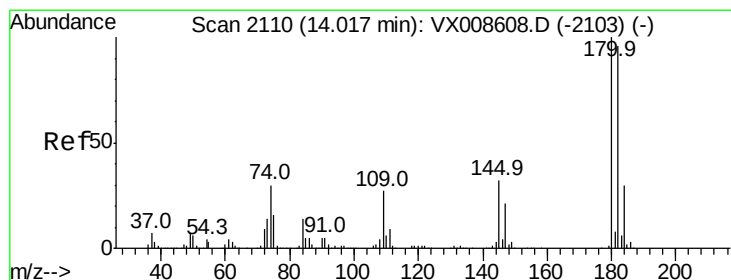
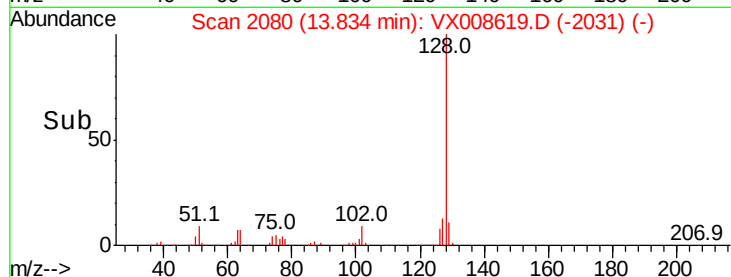
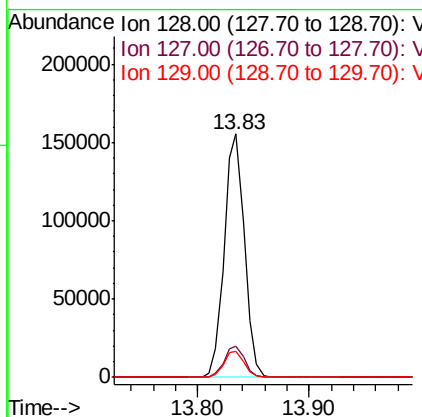
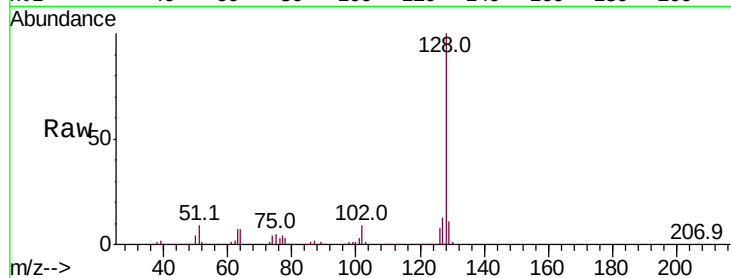
ClientSampleId :

VX0403WBS01

Tot Ion:	128	Resp:	194553
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:37:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.460 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion:	180	Resp:	57023
Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	31.7	16.3	48.8

