

Data File : VX001023.D

Acq On : 20 Apr 2018 21:48

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050Manual Integrations
APPROVEDMMDadoda
4/23/2018 1:27:45 PM

Quant Time: Apr 23 07:14:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137867	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	5.51	113	113754	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.72	98	410349	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	170609	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150780	53.20	ug/l	100
3) Chloromethane	1.32	50	123784	46.91	ug/l	99
4) Vinyl Chloride	1.41	62	135622	49.58	ug/l	99
5) Bromomethane	1.64	94	87748	56.77	ug/l	99
6) Chloroethane	1.73	64	80779	49.70	ug/l	98
7) Trichlorofluoromethane	1.93	101	206205	50.18	ug/l	100
8) Diethyl Ether	2.19	74	74714	49.23	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117401	48.76	ug/l	99
10) Methyl Iodide	2.51	142	102574	44.21	ug/l	99
11) Tert butyl alcohol	3.07	59	109691	251.09	ug/l	99
12) 1,1-Dichloroethene	2.38	96	109502	49.18	ug/l	98
13) Acrolein	2.30	56	45668	331.81	ug/l	100
14) Allyl chloride	2.73	41	200872	49.85	ug/l	99
15) Acrylonitrile	3.15	53	287547	243.21	ug/l	100
16) Acetone	2.45	43	262010	240.21	ug/l	99
17) Carbon Disulfide	2.57	76	293863	46.31	ug/l	100
18) Methyl Acetate	2.78	43	179249	54.31	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	376666	50.32	ug/l	100
20) Methylene Chloride	2.86	84	120364	52.43	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	118919	47.98	ug/l	100
22) Diisopropyl ether	3.88	45	399829	51.26	ug/l	99
23) Vinyl Acetate	3.83	43	1601578	248.02	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216760	49.54	ug/l	100
25) 2-Butanone	4.71	43	414370	243.35	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173256	46.03	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	136767	49.54	ug/l	98
28) Bromochloromethane	5.03	49	85675	50.92	ug/l	97
29) Tetrahydrofuran	5.17	42	264255	245.59	ug/l	99
30) Chloroform	5.23	83	230147	50.79	ug/l	100
31) Cyclohexane	5.59	56	196978	48.23	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	207416	51.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	175234	48.11	ug/l	99
37) Ethyl Acetate	4.87	43	162010	48.49	ug/l	99
38) Carbon Tetrachloride	5.79	117	183568	49.78	ug/l	99

Data File : VX001023.D

Acq On : 20 Apr 2018 21:48

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 26 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:45 PM

Quant Time: Apr 23 07:14:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	202261	47.71	ug/l	99
40) Benzene	6.15	78	498148	49.20	ug/l	99
41) Methacrylonitrile	5.07	41	100129	47.99	ug/l	100
42) 1,2-Dichloroethane	6.21	62	192601	49.55	ug/l	99
43) Isopropyl Acetate	6.47	43	283544	49.47	ug/l	99
44) Trichloroethene	7.22	130	151413	48.94	ug/l	100
45) 1,2-Dichloropropane	7.52	63	128851	50.61	ug/l	98
46) Dibromomethane	7.67	93	87760	49.33	ug/l	100
47) Bromodichloromethane	7.90	83	168888	51.25	ug/l	97
48) Methyl methacrylate	7.79	41	153813	49.84	ug/l	99
49) 1,4-Dioxane	7.76	88	45756	1008.18	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	874872	251.39	ug/l	99
52) Toluene	8.79	92	330766	50.05	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	202604	51.40	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	193115	51.96	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130299	49.60	ug/l	98
56) Ethyl methacrylate	9.19	69	195803	50.75	ug/l	99
57) 1,3-Dichloropropane	9.38	76	214109	49.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	523027	277.77	ug/l	100
59) 2-Hexanone	9.51	43	659269	247.49	ug/l	99
60) Dibromochloromethane	9.59	129	145790	52.84	ug/l	99
61) 1,2-Dibromoethane	9.68	107	140698	50.75	ug/l	99
64) Tetrachloroethene	9.34	164	156035	49.36	ug/l	99
65) Chlorobenzene	10.15	112	387879	48.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	138967	51.08	ug/l	99
67) Ethyl Benzene	10.26	91	648945	49.30	ug/l	99
68) m/p-Xylenes	10.37	106	511478	98.59	ug/l	99
69) o-Xylene	10.71	106	248366	49.66	ug/l	100
70) Styrene	10.72	104	417289	50.66	ug/l	100
71) Bromoform	10.87	173	116750	46.31	ug/l	99
73) Isopropylbenzene	11.02	105	669961	48.97	ug/l	99
74) N-amyl acetate	6.47	43	283544	48.45	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193043	49.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	179090m	49.33	ug/l	
77) Bromobenzene	11.26	156	193751	48.79	ug/l	99
78) n-propylbenzene	11.37	91	763910	48.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	452471	48.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	573562	49.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49602	42.45	ug/l	97
82) 4-Chlorotoluene	11.52	91	543866	48.50	ug/l	99
83) tert-Butylbenzene	11.77	119	577523	49.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	587701	49.25	ug/l	100
85) sec-Butylbenzene	11.95	105	681884	48.83	ug/l	99
86) p-Isopropyltoluene	12.07	119	628907	48.69	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	357959	48.15	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	364254	47.74	ug/l	99
89) n-Butylbenzene	12.40	91	547222	47.61	ug/l	100
90) Hexachloroethane	12.60	117	94465	51.61	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	353493	49.12	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41276	50.88	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

Data File : VX001023.D
Acq On : 20 Apr 2018 21:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM

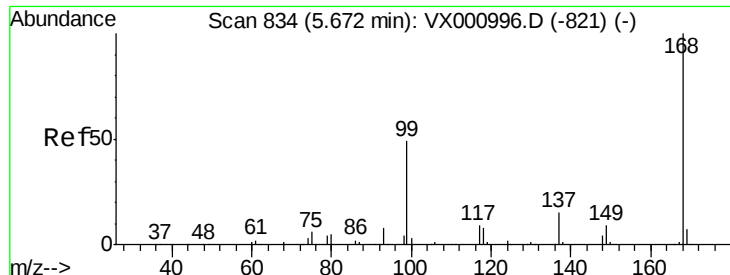
Quant Time: Apr 23 07:14:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	284548	47.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	120089	43.93	ug/l	99
95) Naphthalene	13.84	128	740595	49.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	277337	47.46	ug/l	100

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

MMDadoda
4/23/2018 1:27:45 PM

[illegible]



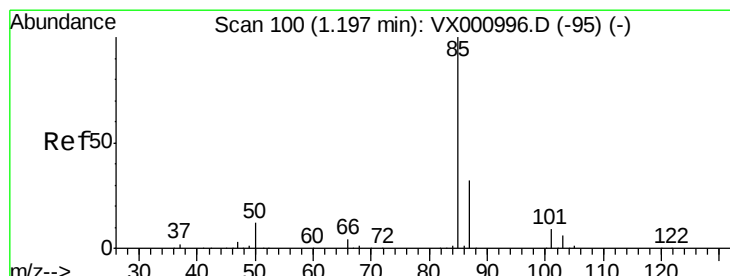
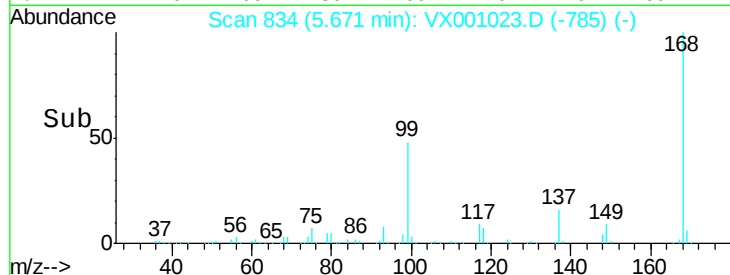
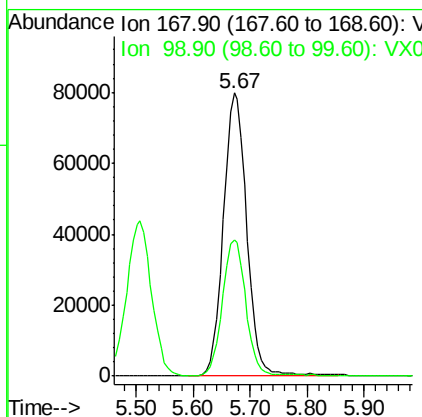
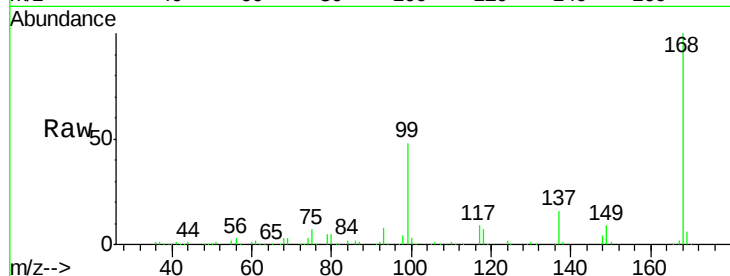
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.2	58.8

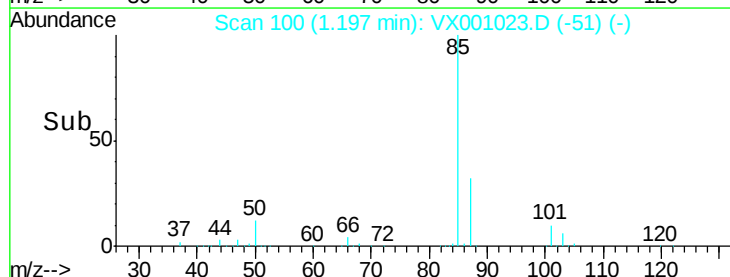
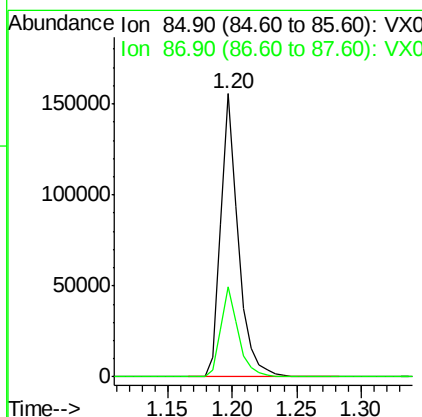
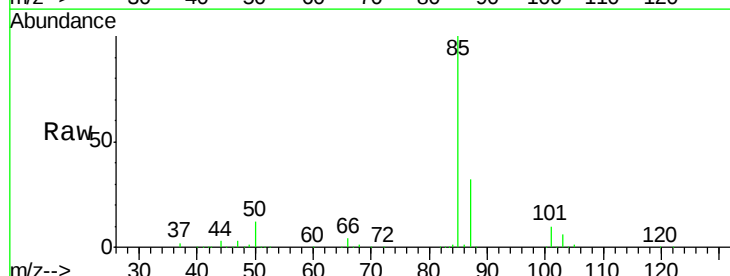
Manual Integrations
APPROVED

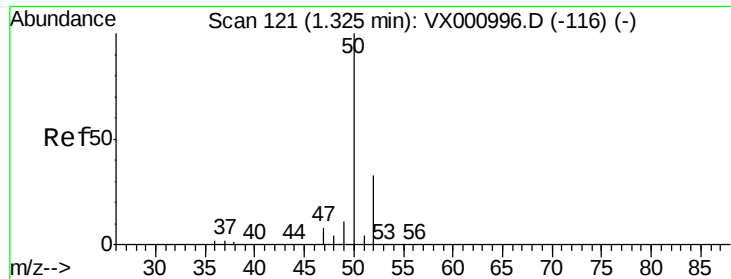
MMDadoda
4/23/2018 1:27:45 PM



#2
Dichlorodifluoromethane
Concen: 53.20 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.4





#3

Chloromethane

Concen: 46.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 123784

Ion Ratio Lower Upper

50 100

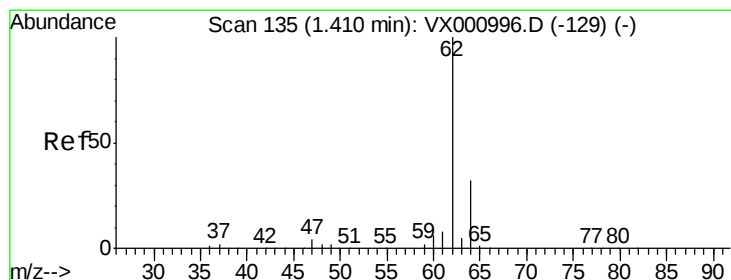
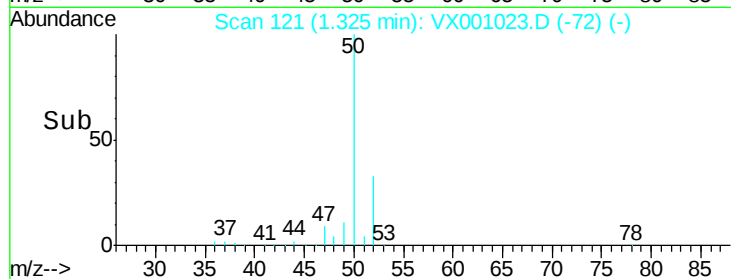
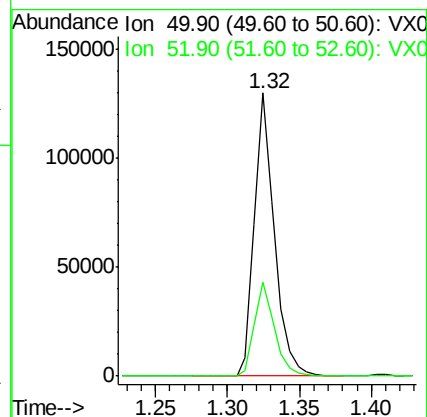
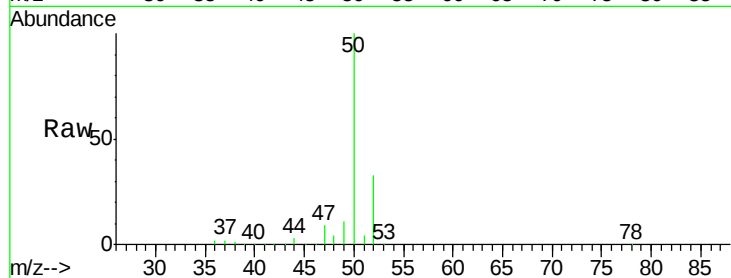
52 33.2 26.3 39.5

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:45 PM



#4

Vinyl Chloride

Concen: 49.58 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX001023.D

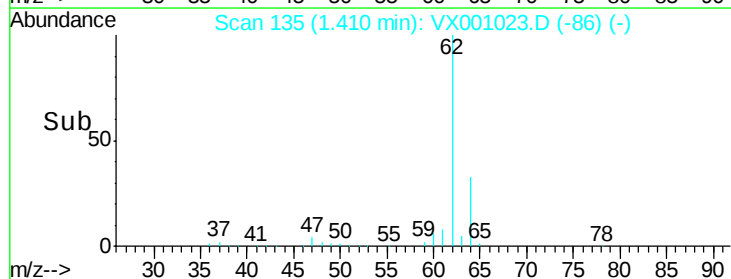
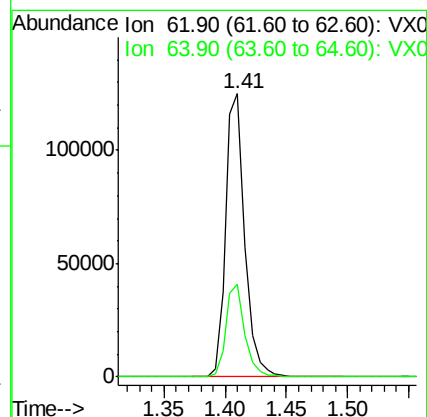
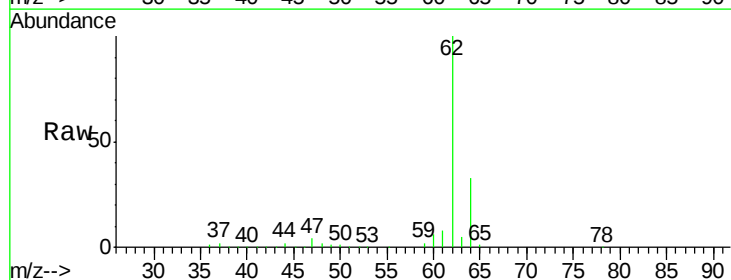
Acq: 20 Apr 2018 21:48

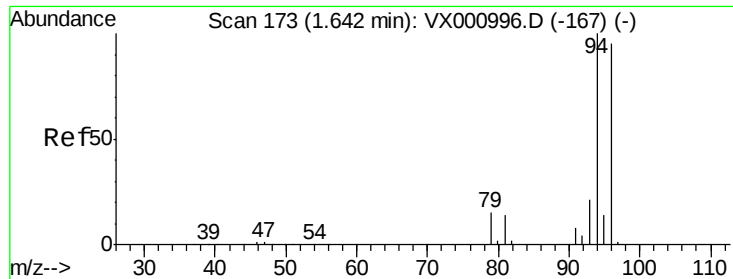
Tgt Ion: 62 Resp: 135622

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 56.77 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 87748

Ion Ratio Lower Upper

94 100

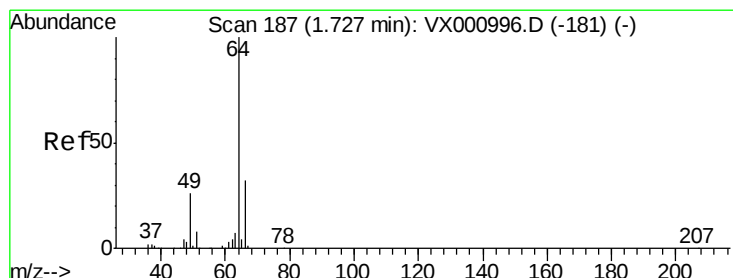
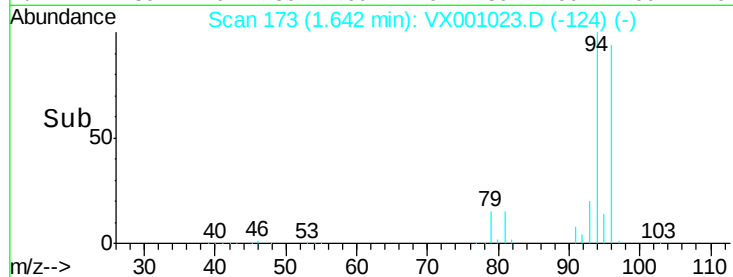
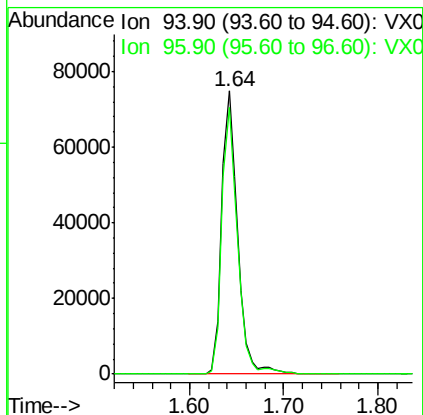
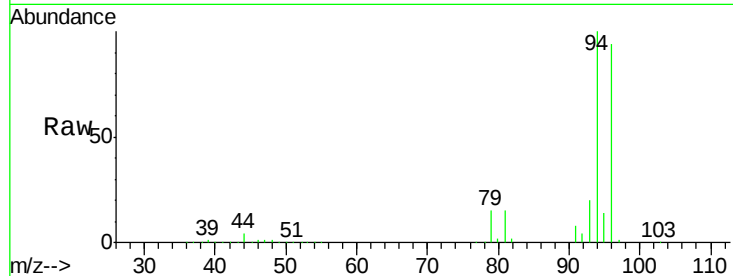
96 94.1 76.0 114.0

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:45 PM



#6

Chloroethane

Concen: 49.70 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001023.D

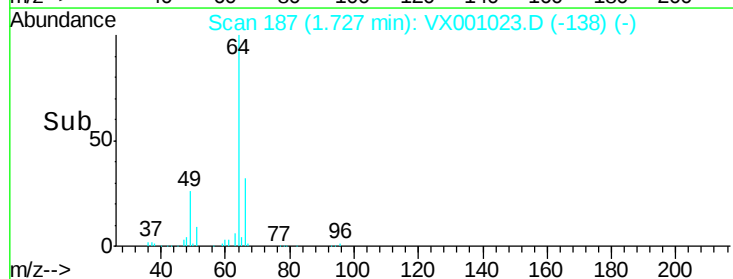
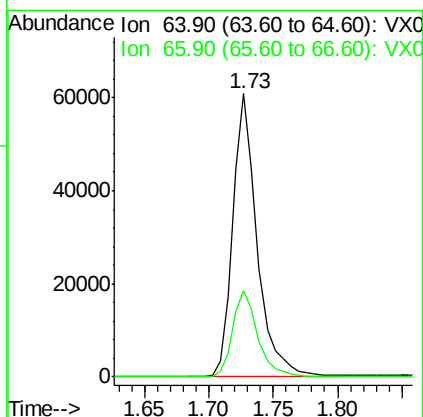
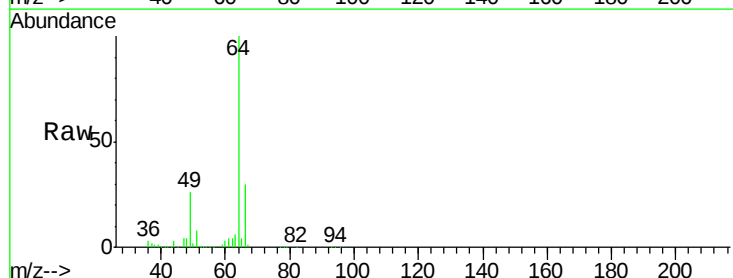
Acq: 20 Apr 2018 21:48

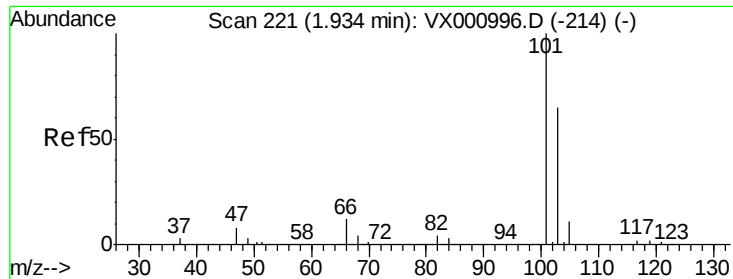
Tgt Ion: 64 Resp: 80779

Ion Ratio Lower Upper

64 100

66 30.4 25.3 37.9





#7

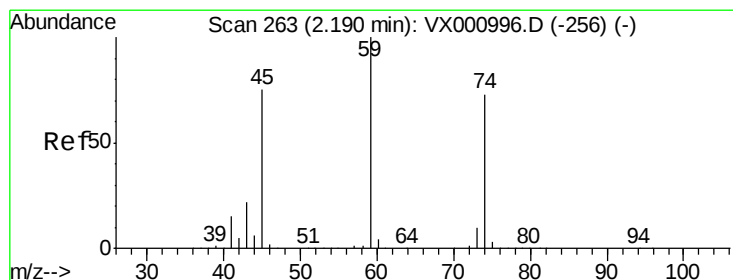
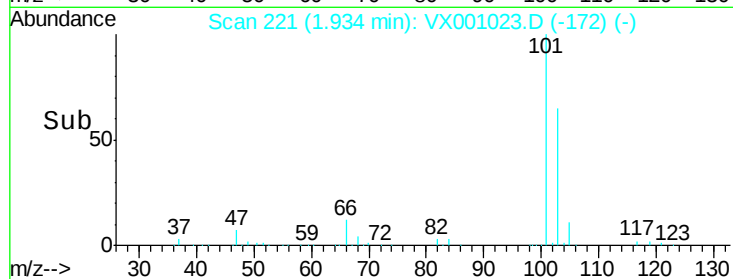
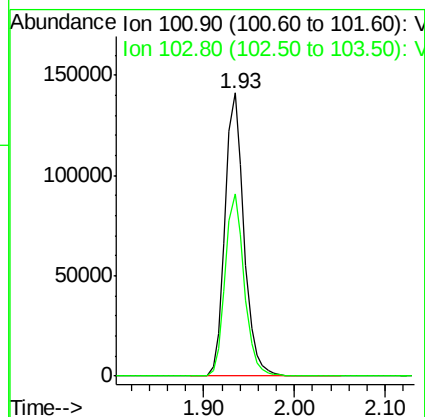
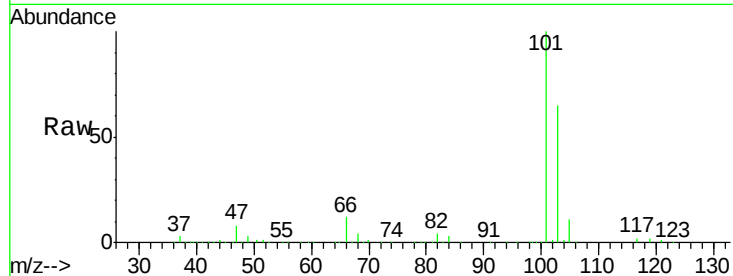
Trichlorofluoromethane
 Concen: 50.18 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 206205
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.8

Manual Integrations
 APPROVED

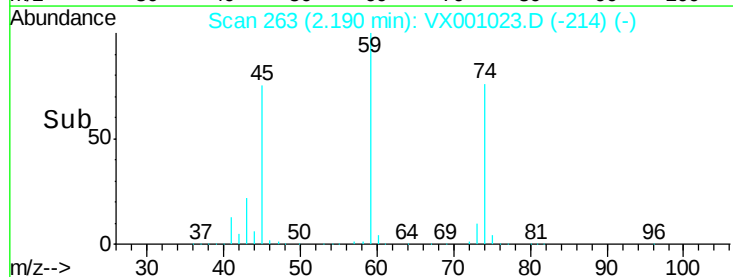
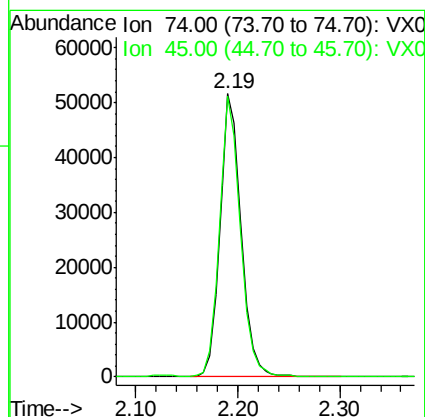
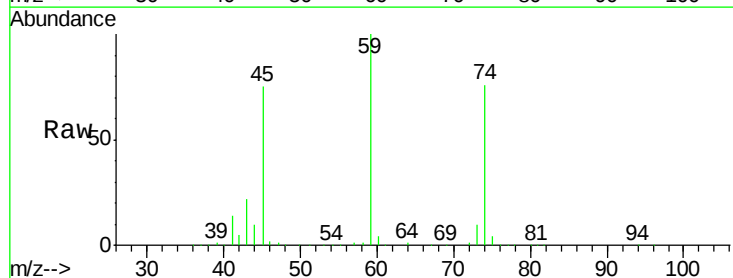
MMDadoda
 4/23/2018 1:27:45 PM

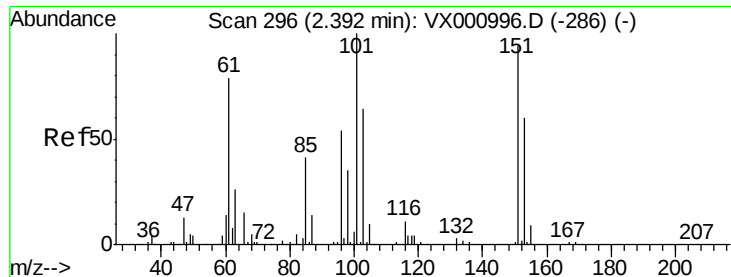


#8

Diethyl Ether
 Concen: 49.23 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion: 74 Resp: 74714
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.76 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

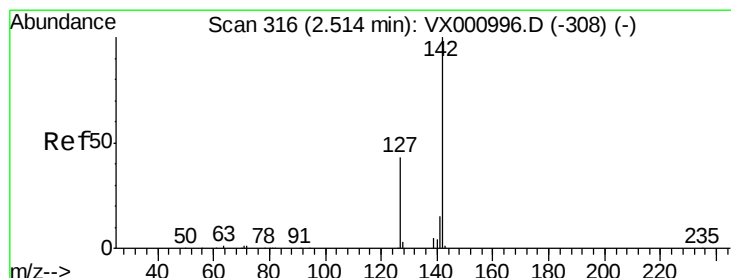
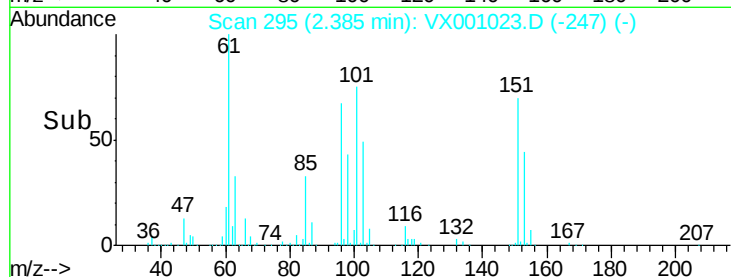
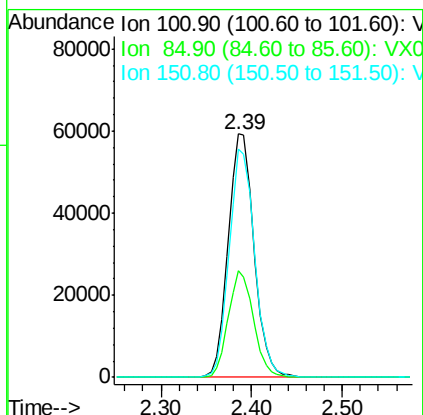
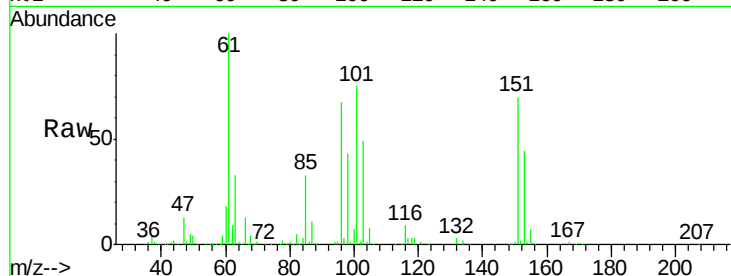
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	117401
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.9	50.9
151	92.7	73.5	110.3

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#10

Methyl Iodide

Concen: 44.21 ug/l

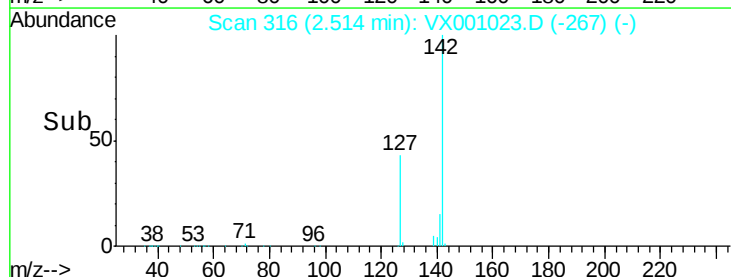
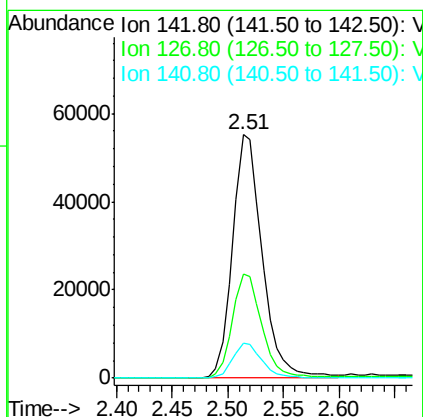
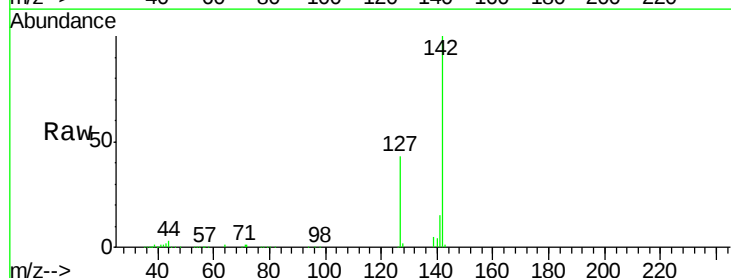
RT: 2.51 min Scan# 316

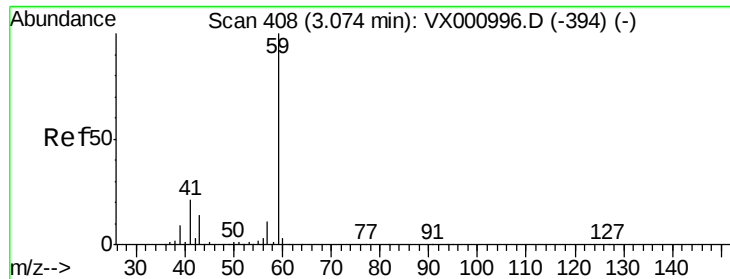
Delta R.T. 0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion:	142	Resp:	102574
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.0	51.0
141	14.4	11.4	17.2





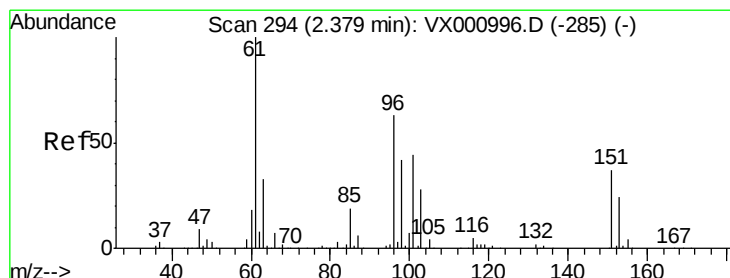
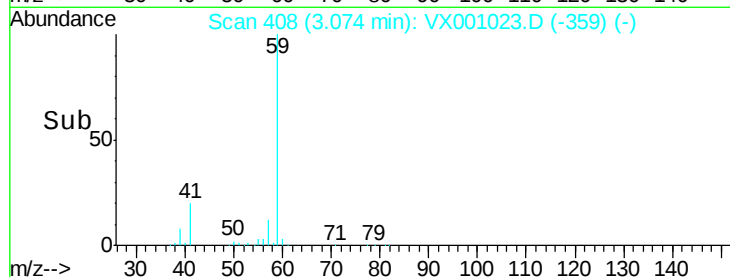
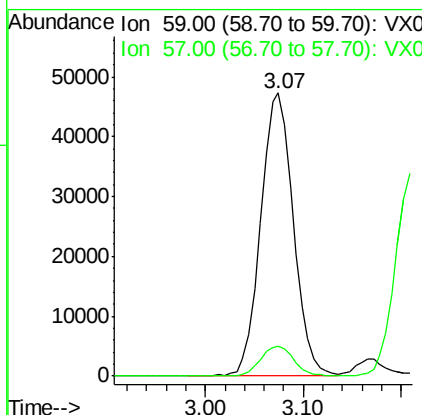
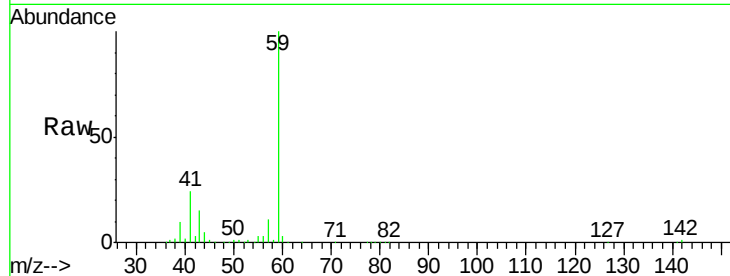
#11
Tert butyl alcohol
Concen: 251.09 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 109691
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

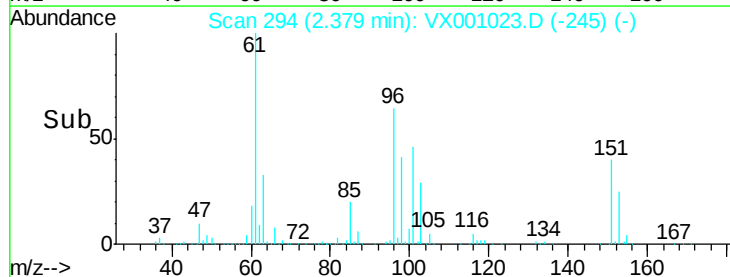
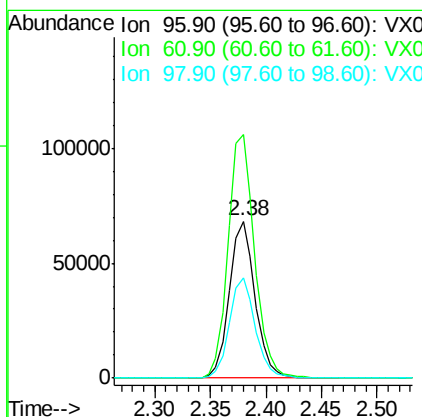
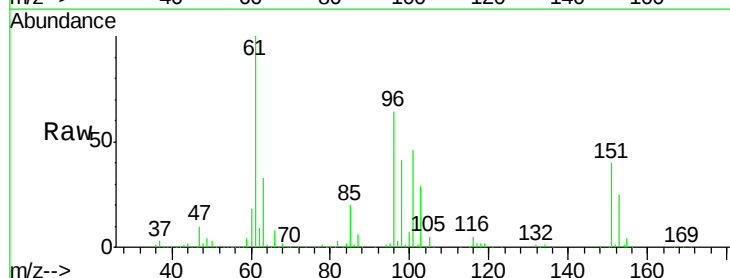
Manual Integrations
APPROVED

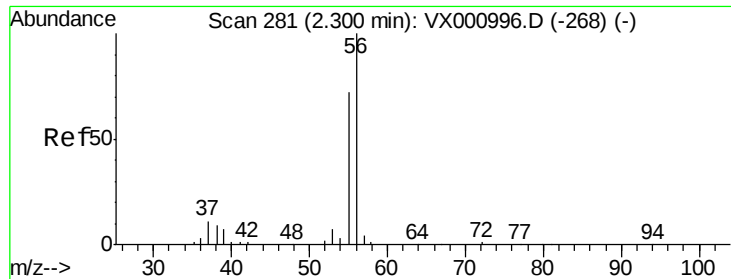
MMDadoda
4/23/2018 1:27:45 PM



#12
1,1-Dichloroethene
Concen: 49.18 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion: 96 Resp: 109502
Ion Ratio Lower Upper
96 100
61 155.1 126.4 189.6
98 64.1 52.6 78.8





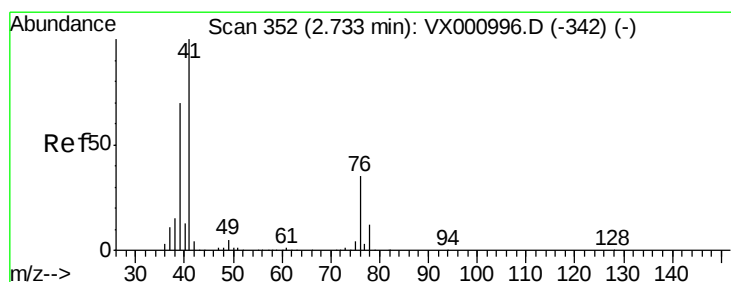
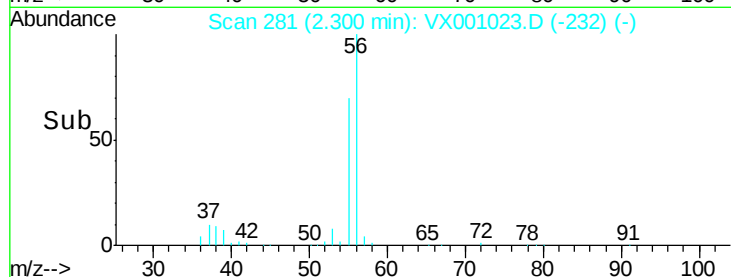
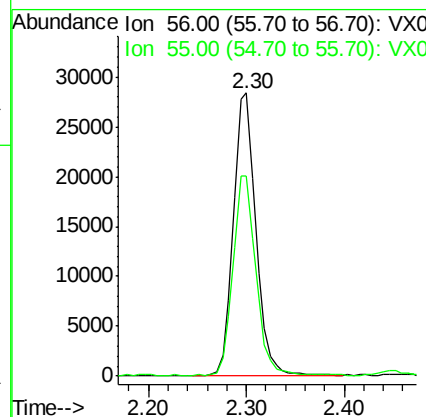
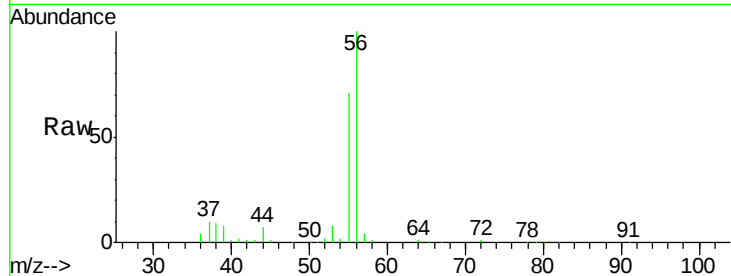
#13
Acrolein
Concen: 331.81 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 45668
Ion Ratio Lower Upper
56 100
55 71.4 57.4 86.2

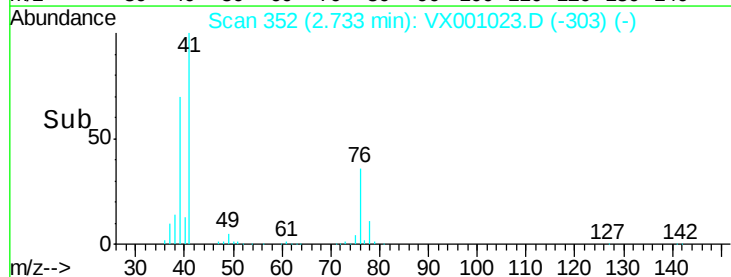
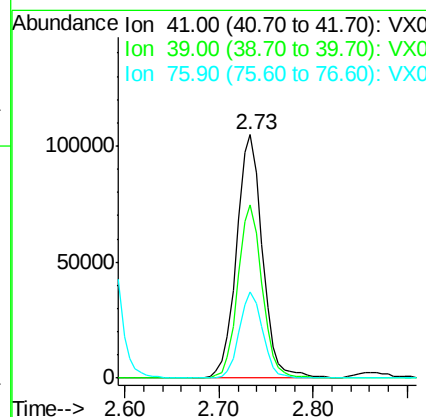
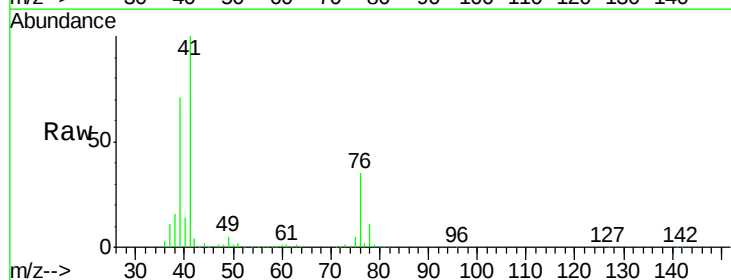
Manual Integrations
APPROVED

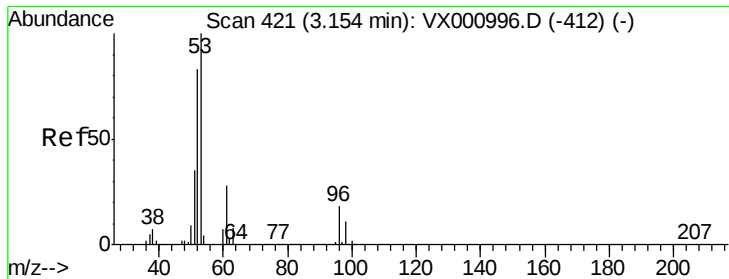
MMDadoda
4/23/2018 1:27:45 PM



#14
Allyl chloride
Concen: 49.85 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion: 41 Resp: 200872
Ion Ratio Lower Upper
41 100
39 66.9 53.0 79.6
76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 243.21 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

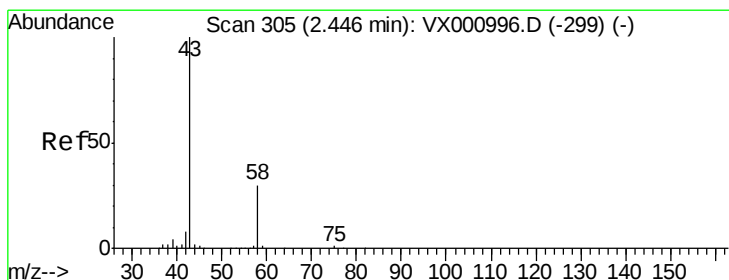
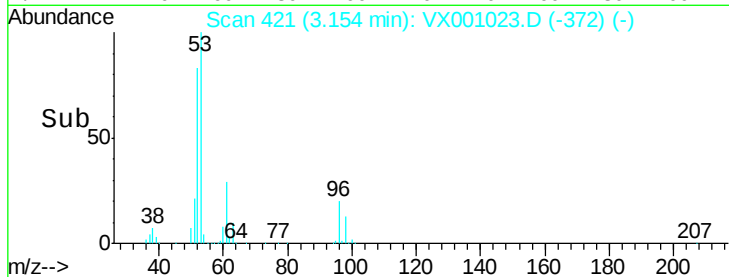
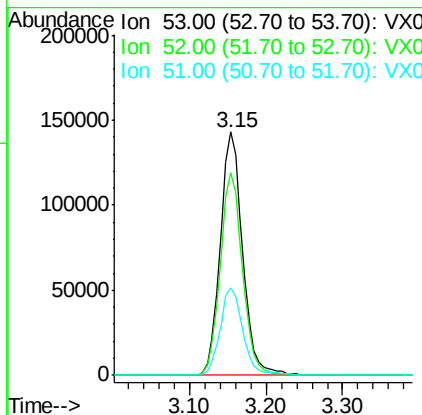
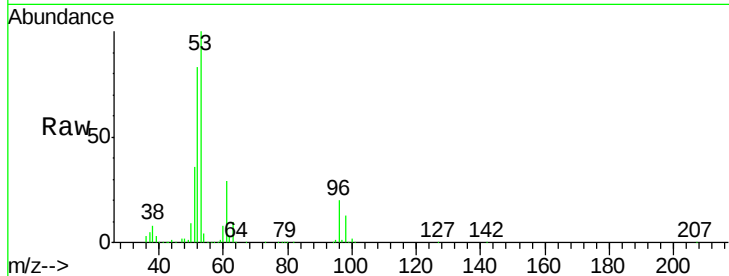
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	287547
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.6	29.0	43.6

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#16

Acetone

Concen: 240.21 ug/l

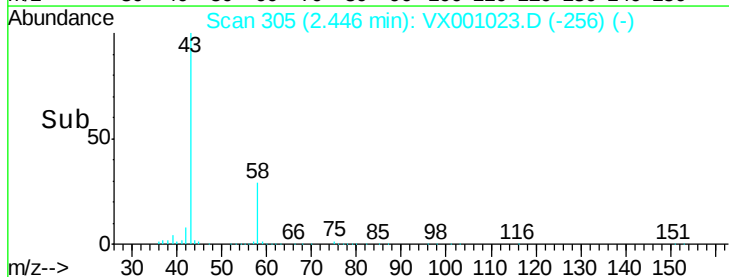
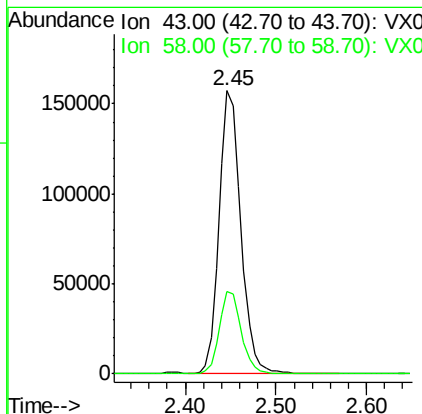
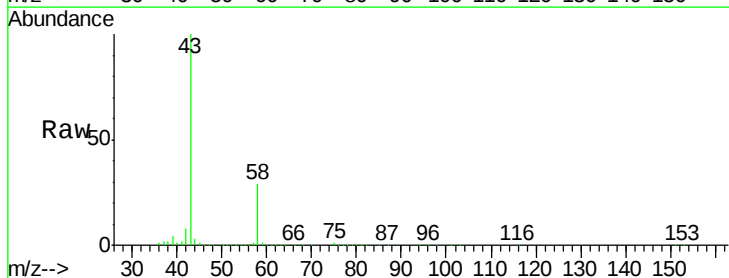
RT: 2.45 min Scan# 305

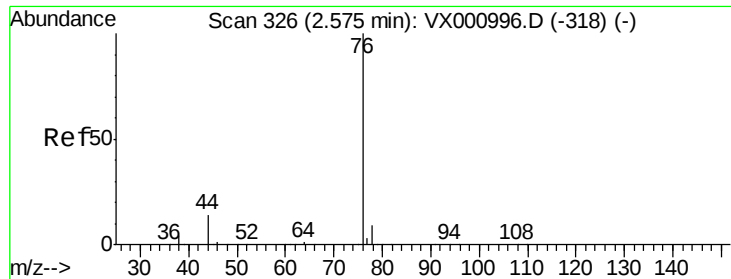
Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion:	43	Resp:	262010
Ion Ratio		Lower	Upper
43	100		
58	29.1	23.7	35.5





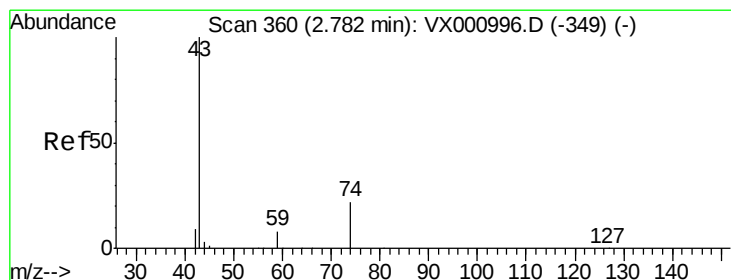
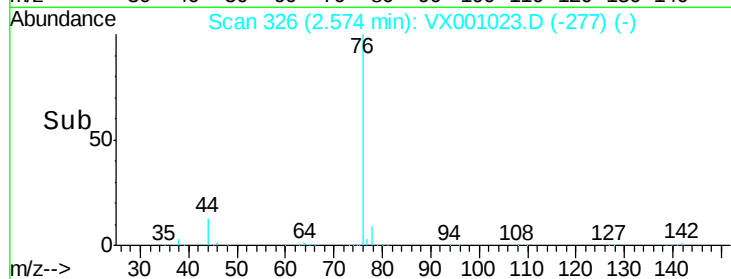
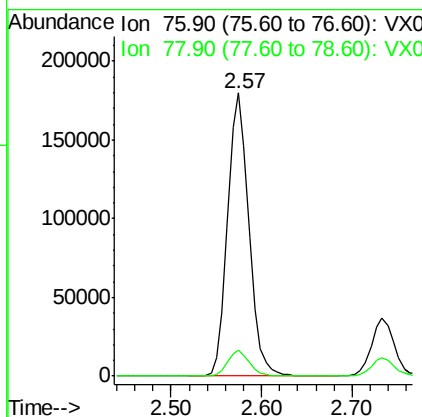
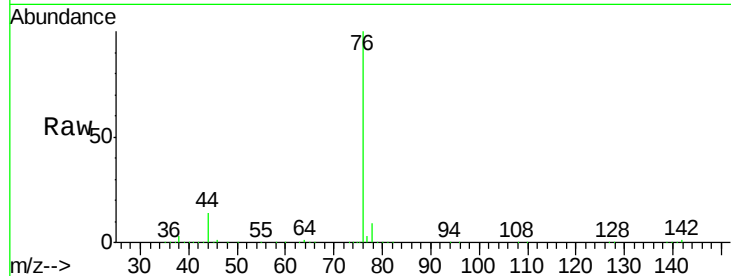
#17
Carbon Disulfide
Concen: 46.31 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

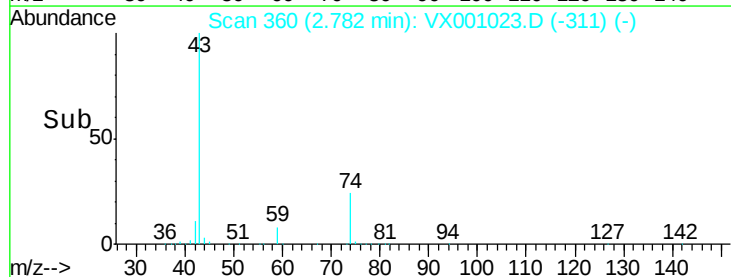
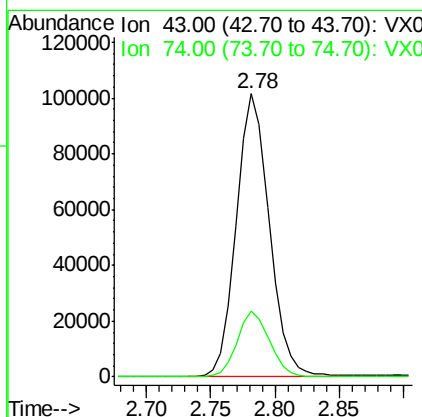
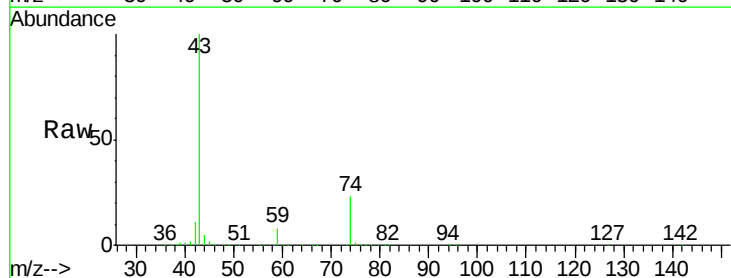
Manual Integrations
APPROVED

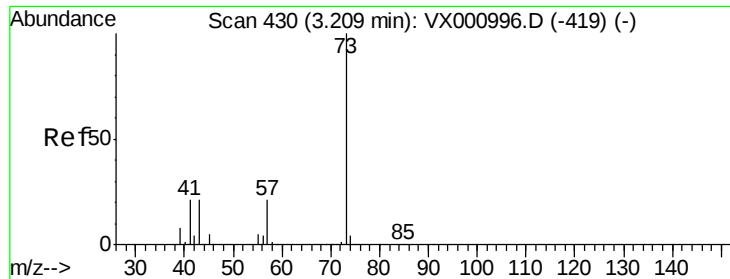
MMDadoda
4/23/2018 1:27:45 PM



#18
Methyl Acetate
Concen: 54.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.3	27.5





#19

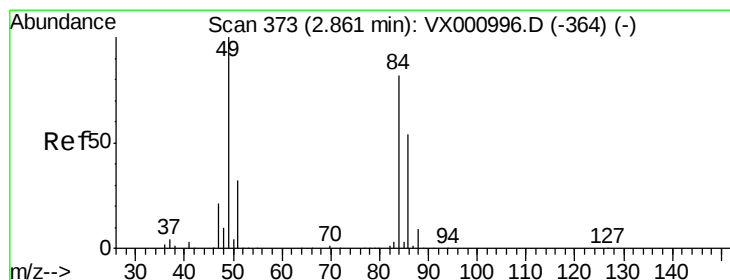
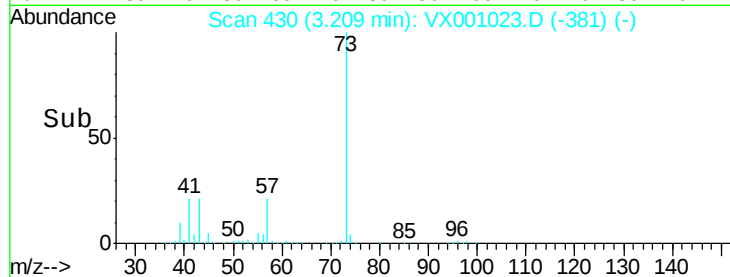
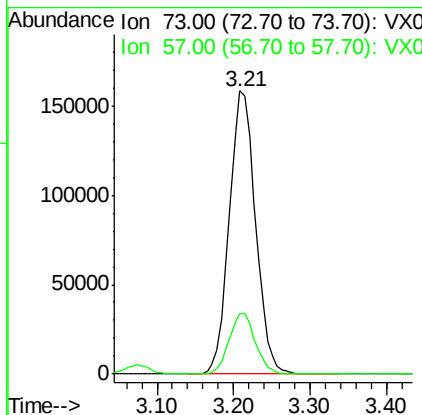
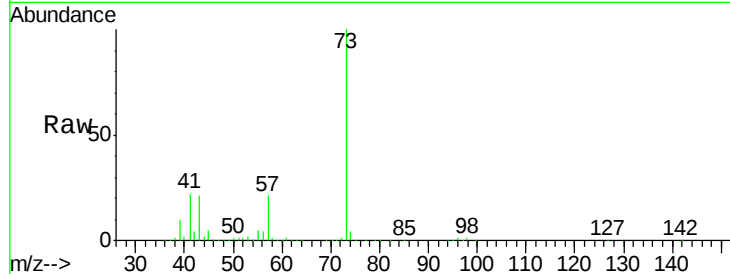
Methyl tert-butyl Ether
 Concen: 50.32 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.1	25.7

Manual Integrations
 APPROVED

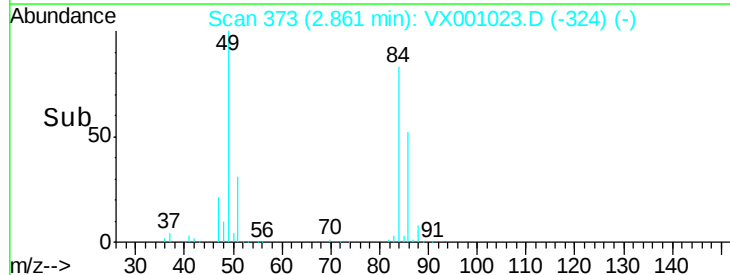
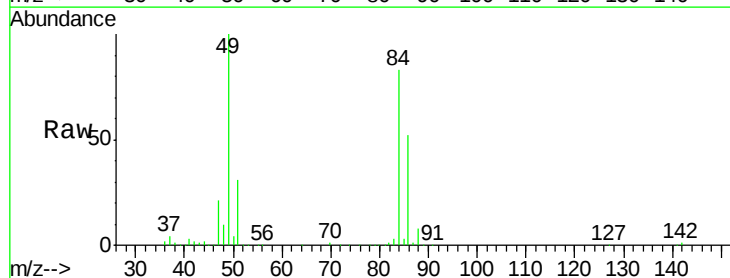
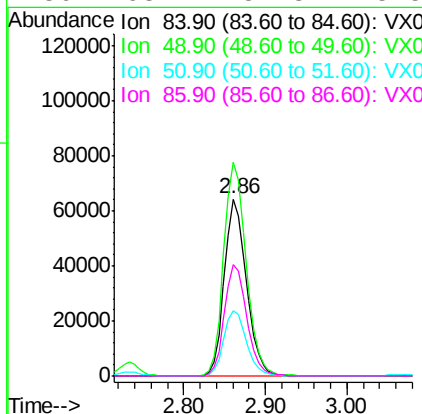
MMDadoda
 4/23/2018 1:27:45 PM

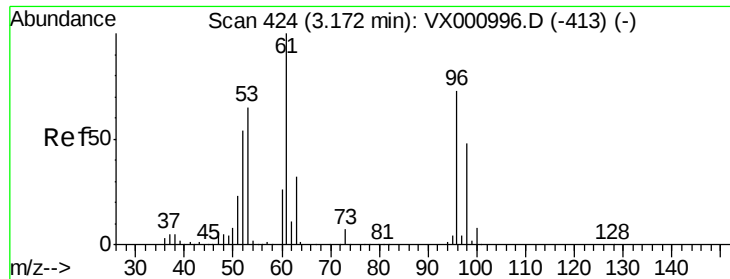


#20

Methylene Chloride
 Concen: 52.43 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	97.1	145.7
51	36.8	30.8	46.2
86	63.2	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 47.98 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

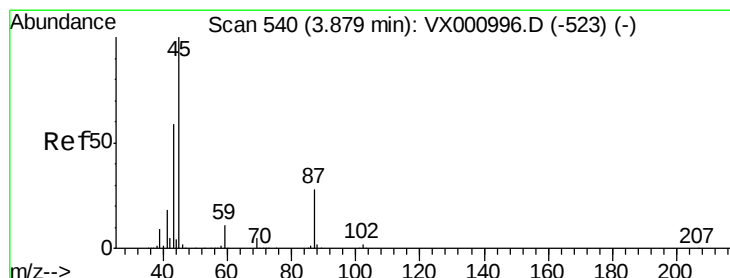
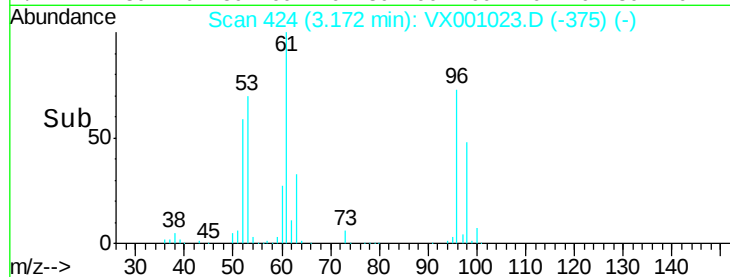
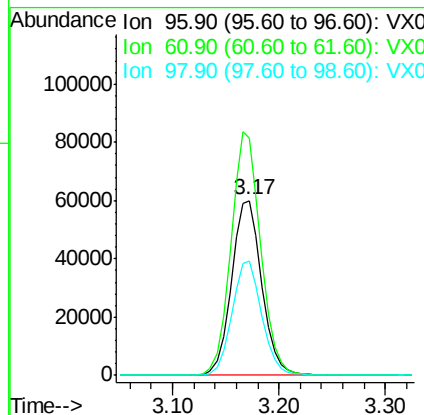
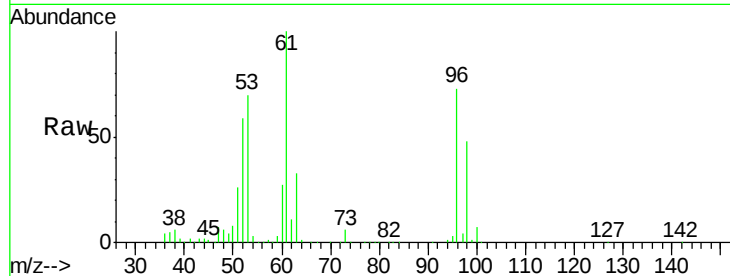
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	118919
Ion	Ratio	Lower	Upper
96	100		
61	136.1	109.4	164.2
98	65.7	52.6	78.8

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#22

Diisopropyl ether

Concen: 51.26 ug/l

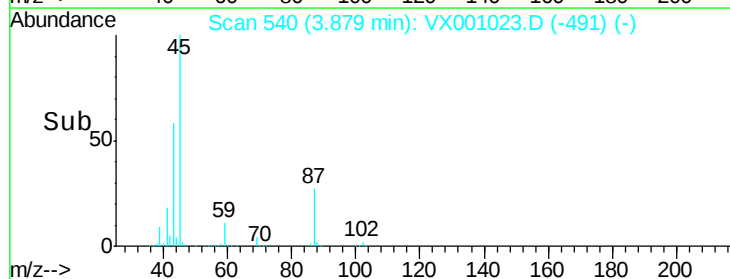
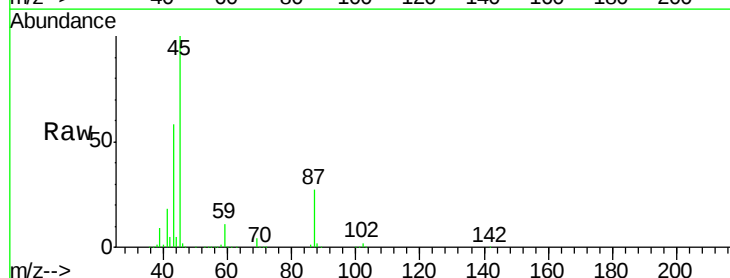
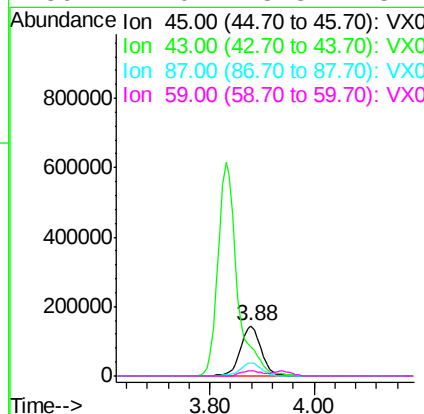
RT: 3.88 min Scan# 540

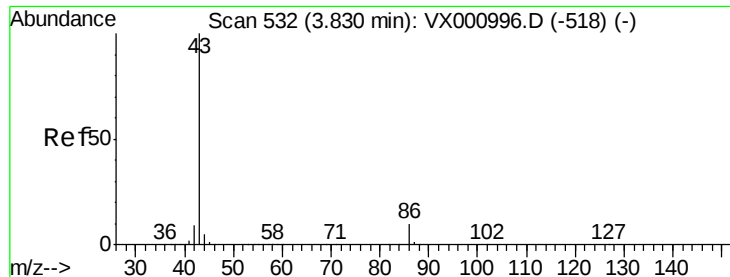
Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion:	45	Resp:	399829
Ion	Ratio	Lower	Upper
45	100		
43	58.4	47.0	70.4
87	26.8	22.5	33.7
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 248.02 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1601578

Ion Ratio Lower Upper

43 100

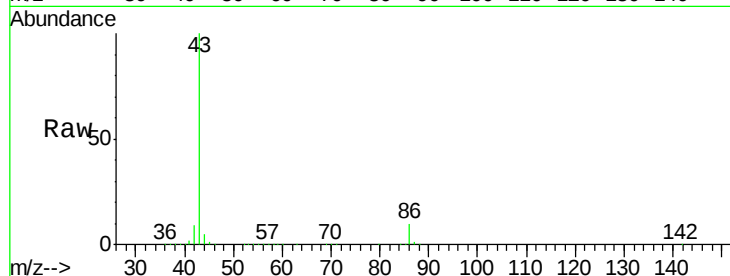
86 9.8 8.1 12.1

Manual Integrations

APPROVED

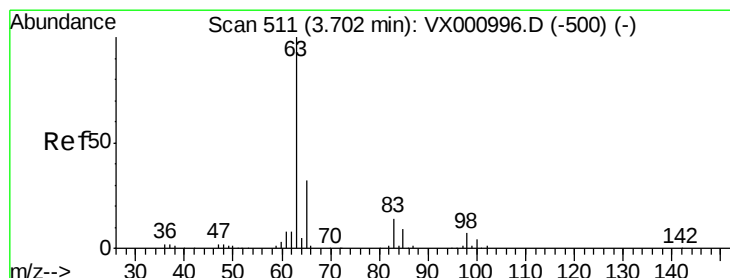
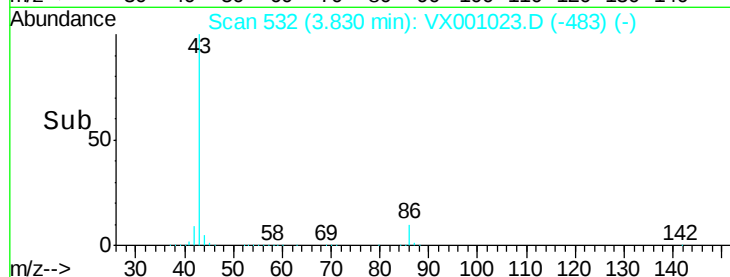
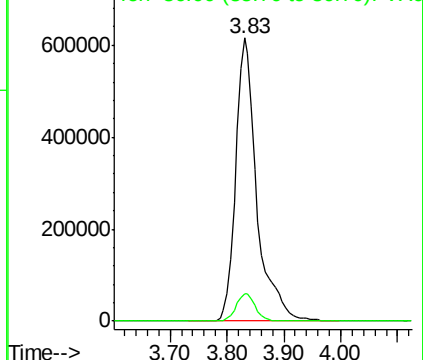
MMDadoda

4/23/2018 1:27:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

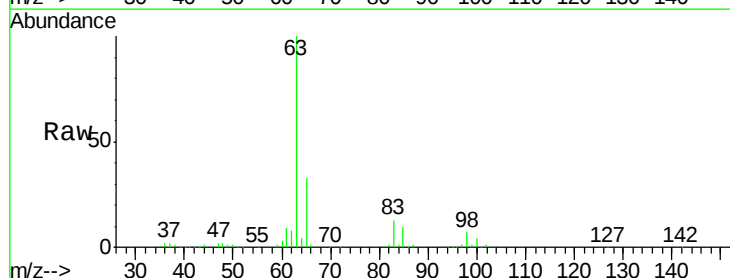
Tgt Ion: 63 Resp: 216760

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

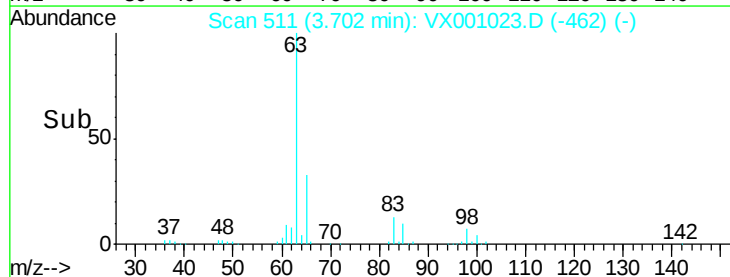
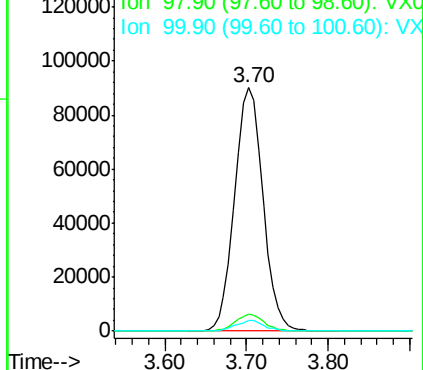
100 4.2 2.1 6.3

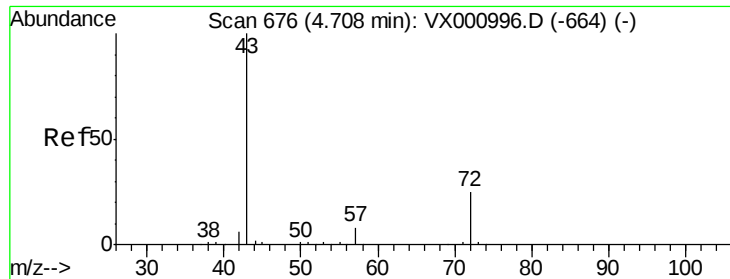


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.35 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 414370

Ion Ratio Lower Upper

43 100

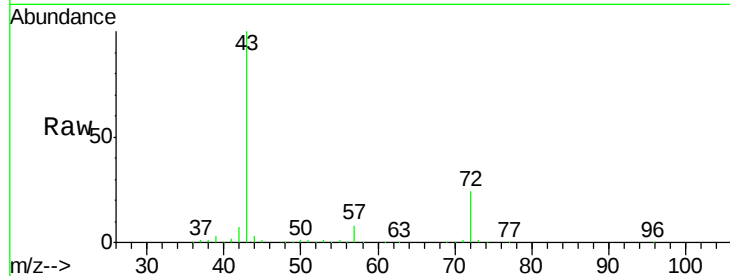
72 24.2 19.9 29.9

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

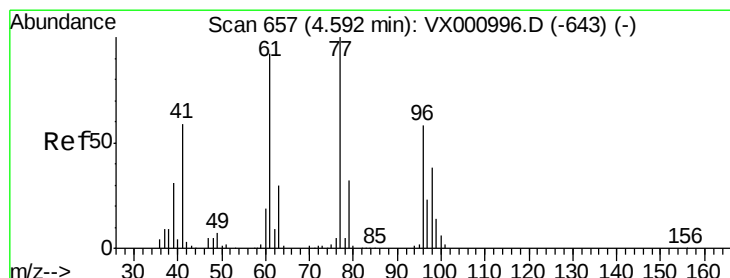
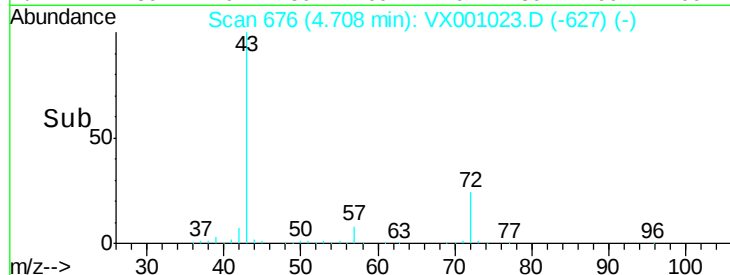
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.03 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001023.D

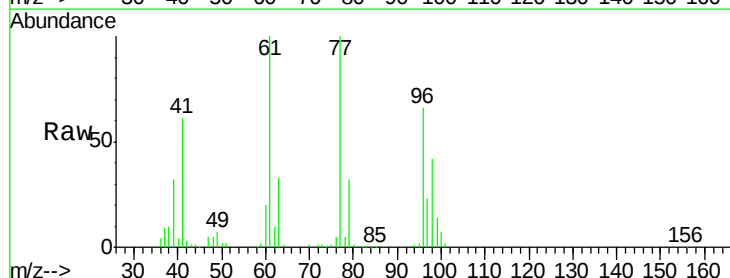
Acq: 20 Apr 2018 21:48

Tgt Ion: 77 Resp: 173256

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

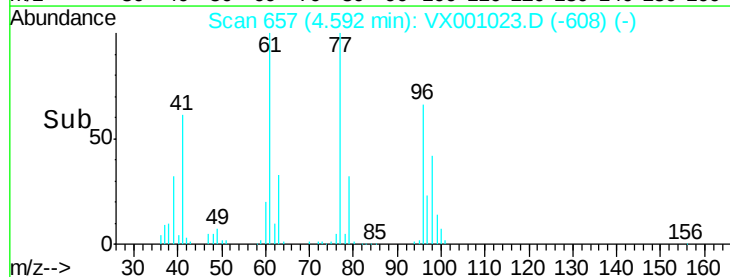
20000

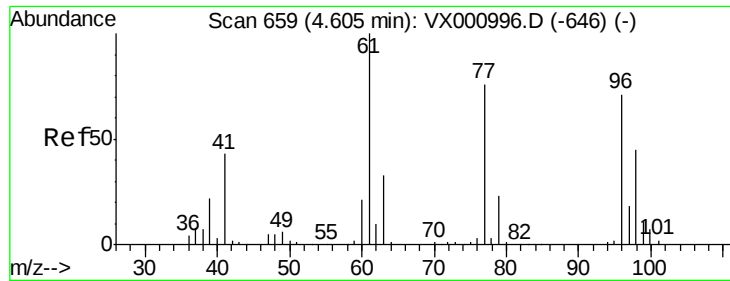
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.54 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

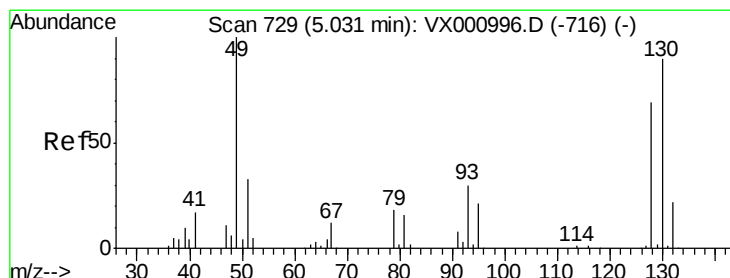
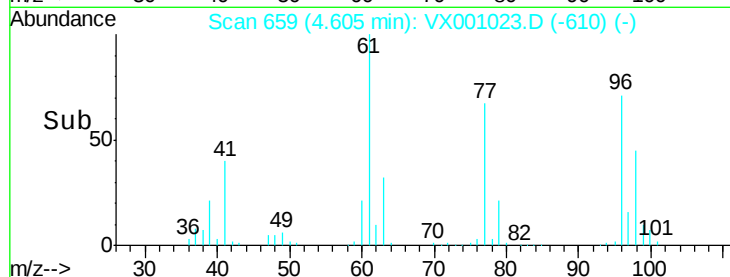
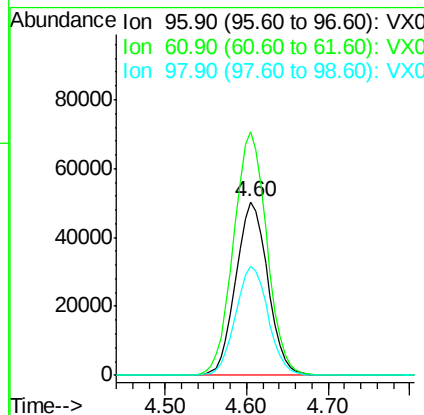
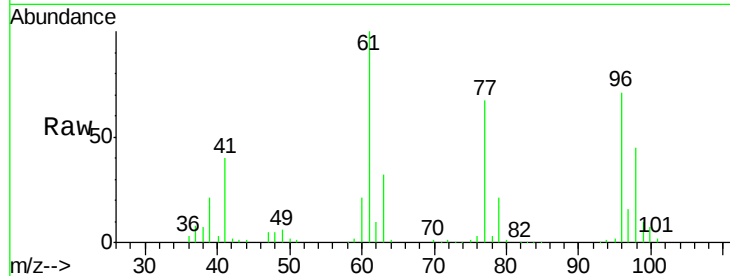
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	136767
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	297.0
98	63.9	0.0	130.0

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#28

Bromochloromethane

Concen: 50.92 ug/l

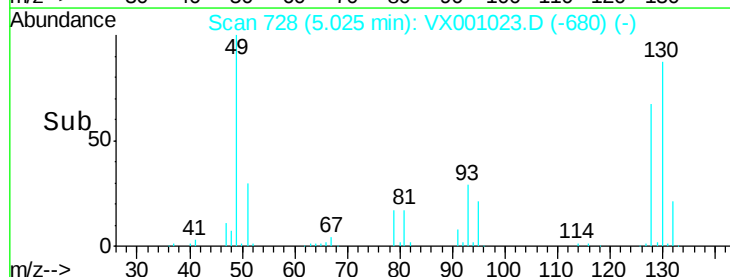
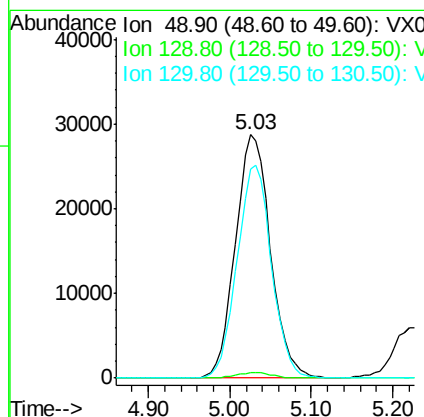
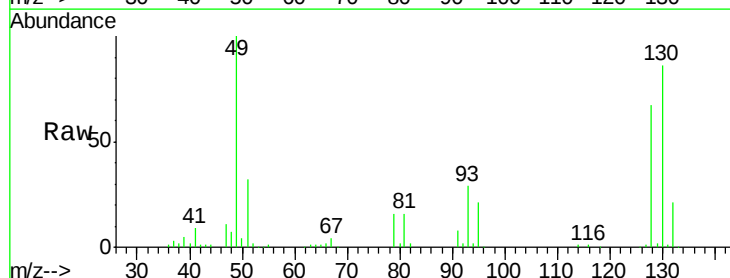
RT: 5.03 min Scan# 728

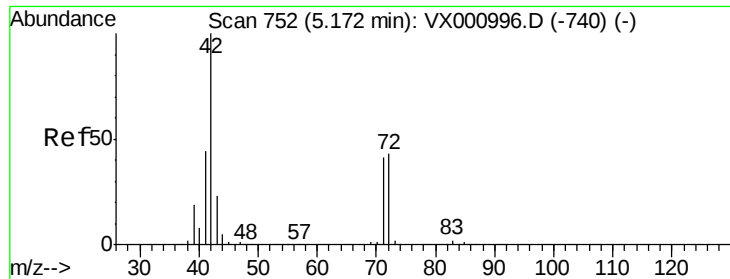
Delta R.T. -0.01 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion:	49	Resp:	85675
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	85.7	70.6	105.8





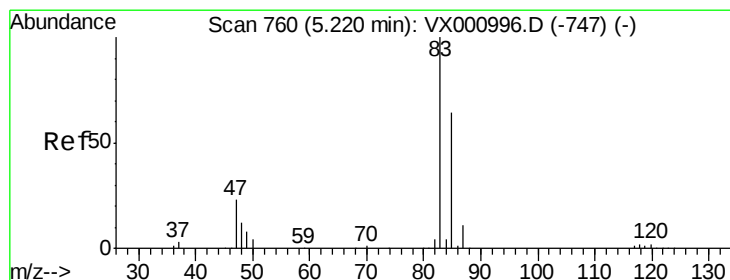
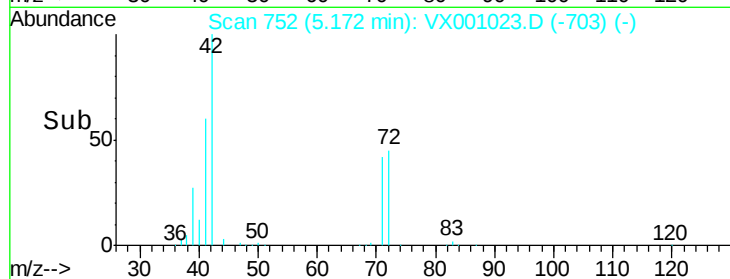
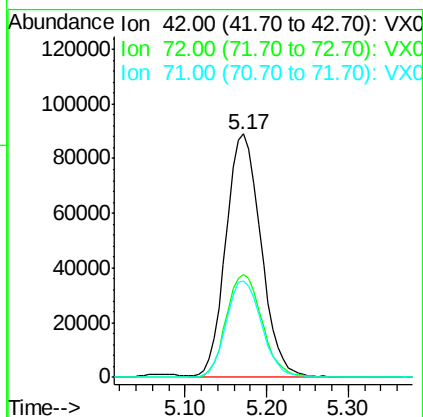
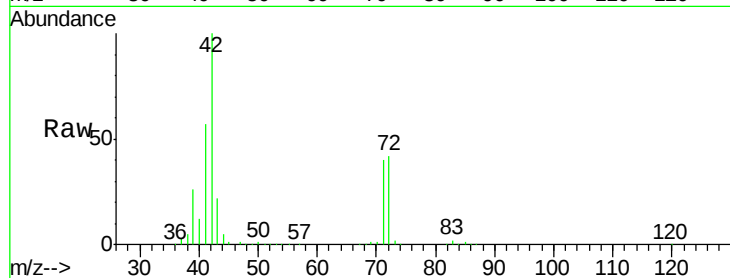
#29
Tetrahydrofuran
Concen: 245.59 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.6	52.0
71	40.3	32.6	49.0

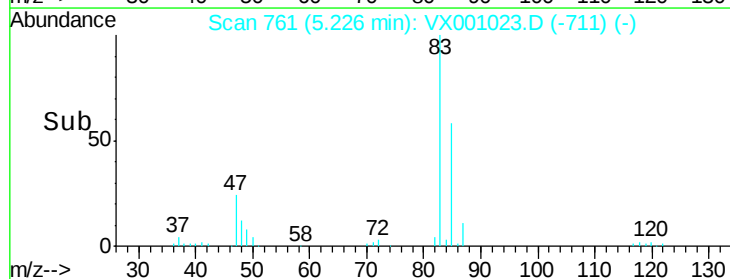
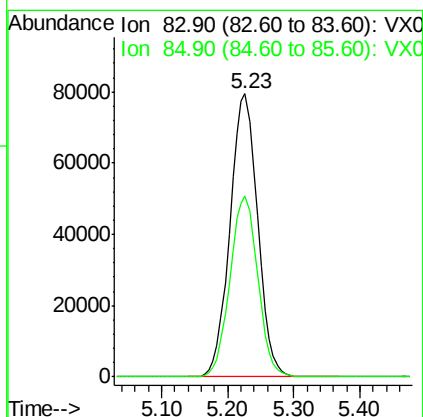
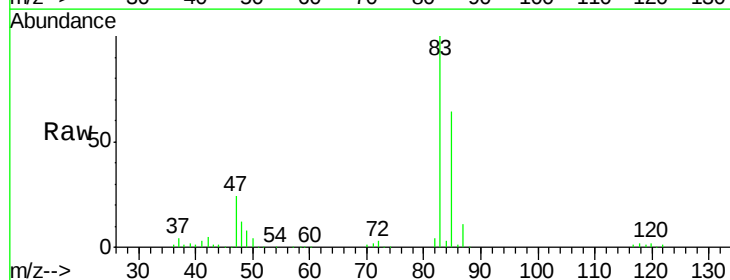
Manual Integrations
APPROVED

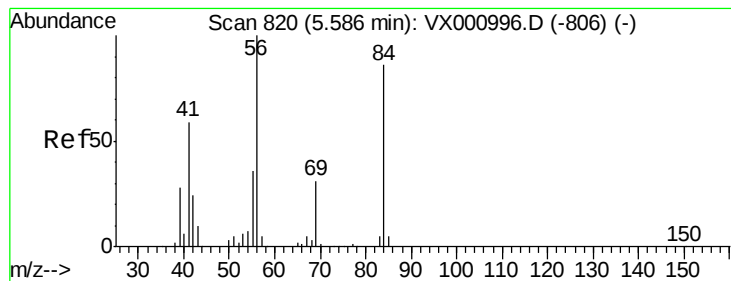
MMDadoda
4/23/2018 1:27:45 PM



#30
Chloroform
Concen: 50.79 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.3	76.9





#31

Cyclohexane

Concen: 48.23 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 196978

Ion Ratio Lower Upper

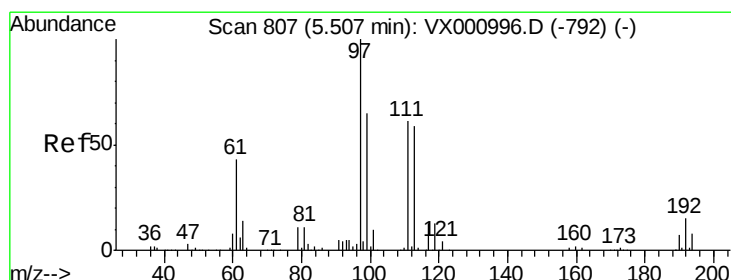
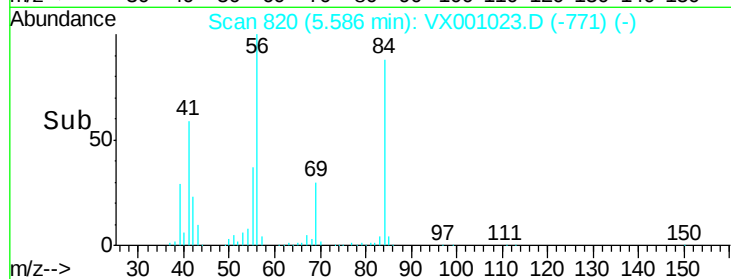
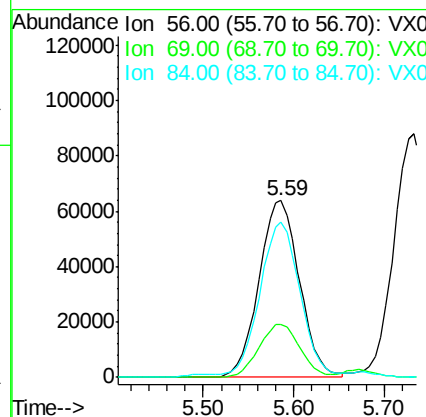
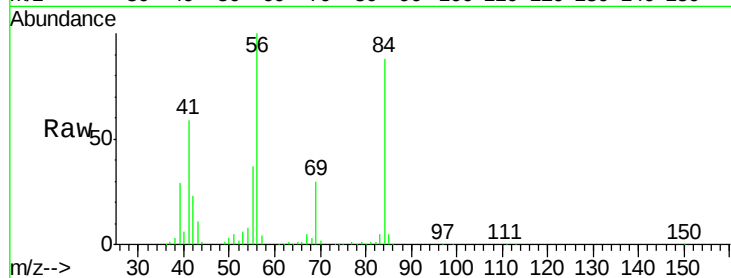
56 100

69 30.1 24.6 36.8

84 86.7 69.0 103.6

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#32

1,1,1-Trichloroethane

Concen: 51.06 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

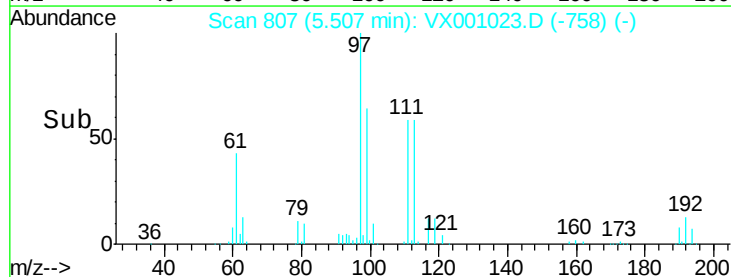
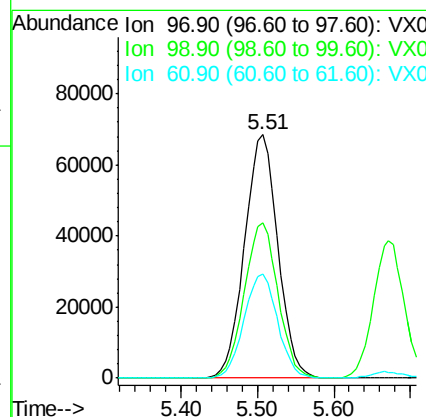
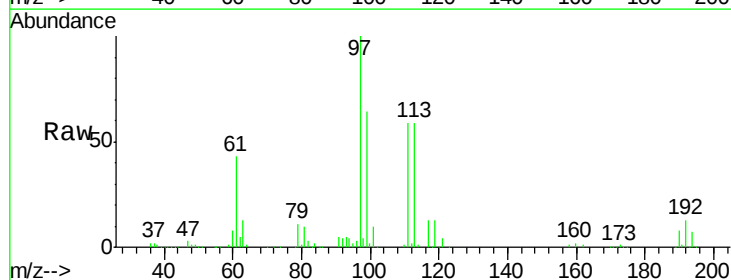
Tgt Ion: 97 Resp: 207416

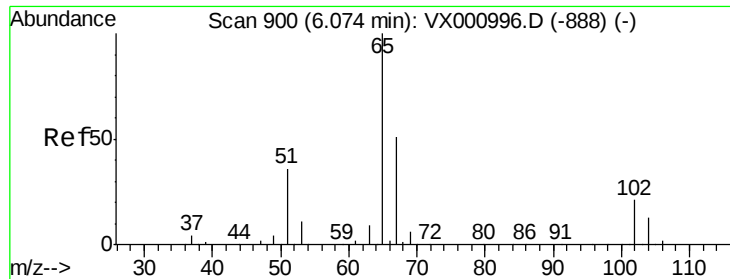
Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 43.3 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 47.59 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 137867

Ion Ratio Lower Upper

65 100

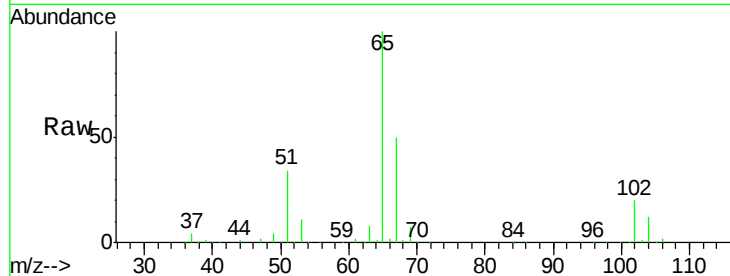
67 51.2 0.0 102.6

Manual Integrations

APPROVED

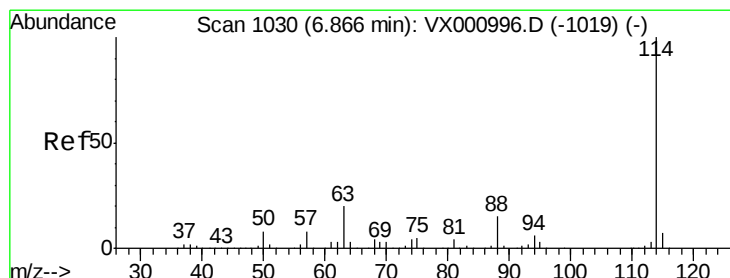
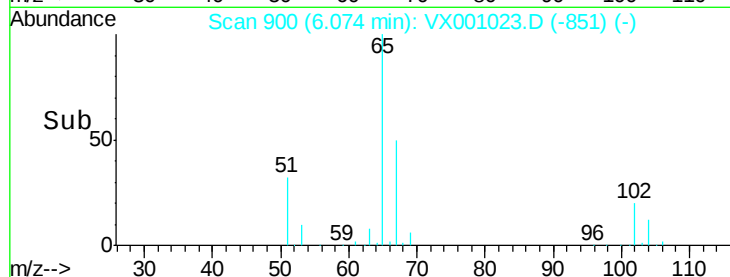
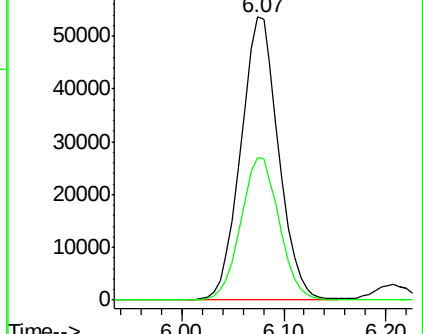
MMDadoda

4/23/2018 1:27:45 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

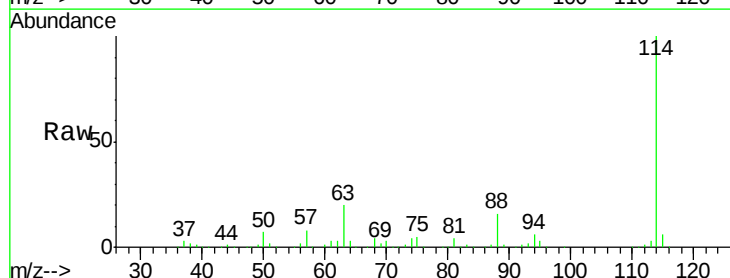
Tgt Ion: 114 Resp: 309933

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

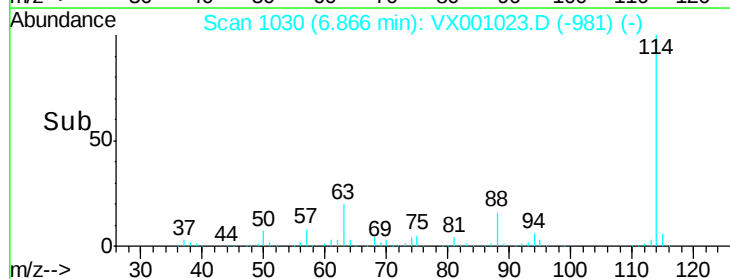
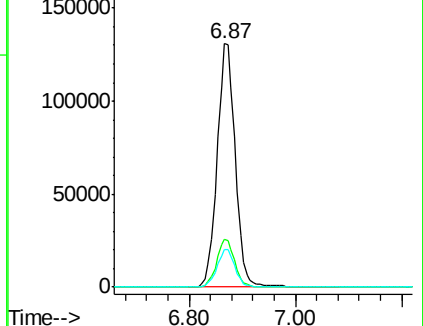
88 15.6 0.0 29.8

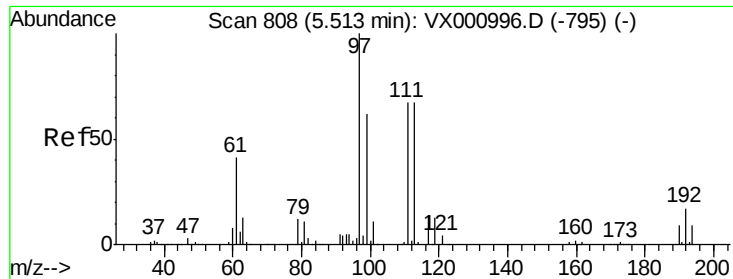


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





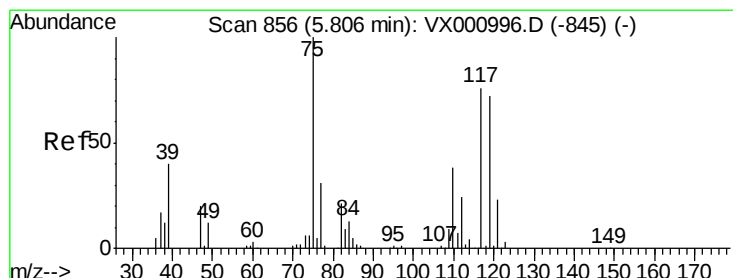
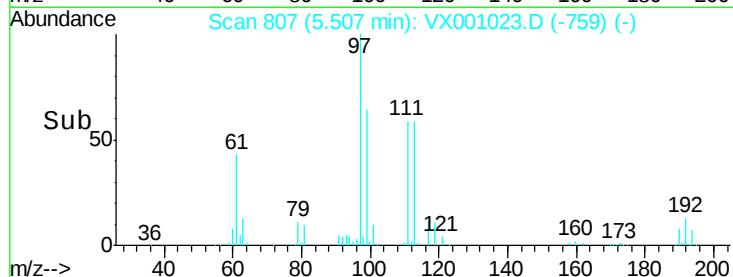
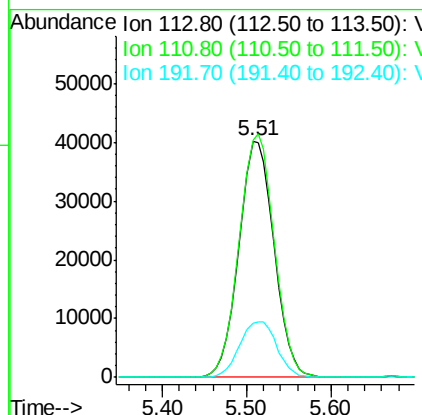
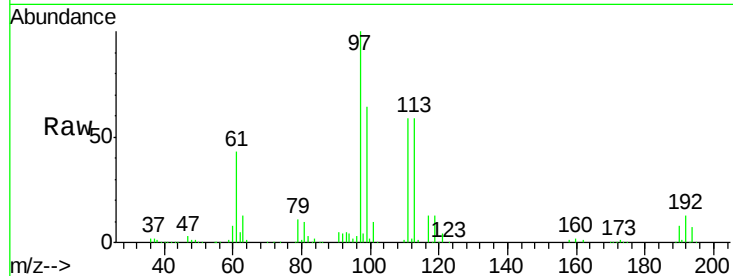
#35
 Dibromofluoromethane
 Concen: 48.13 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	113754		
111	102.8	81.4	122.2	
192	24.8	20.4	30.6	

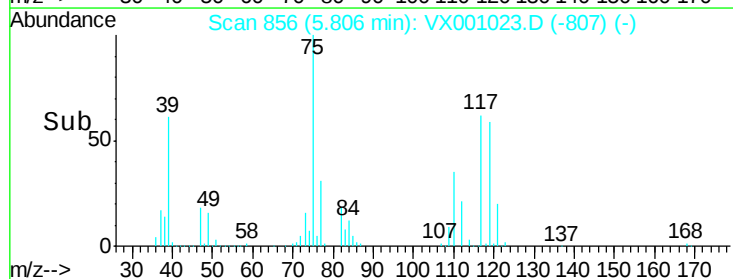
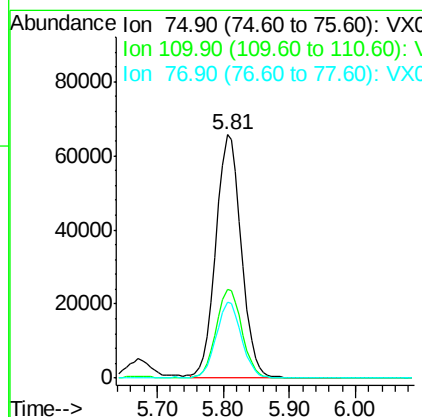
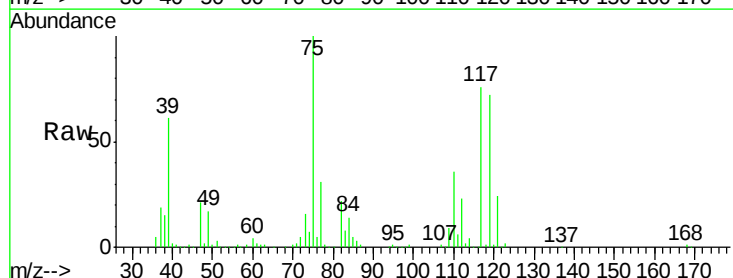
Manual Integrations
 APPROVED

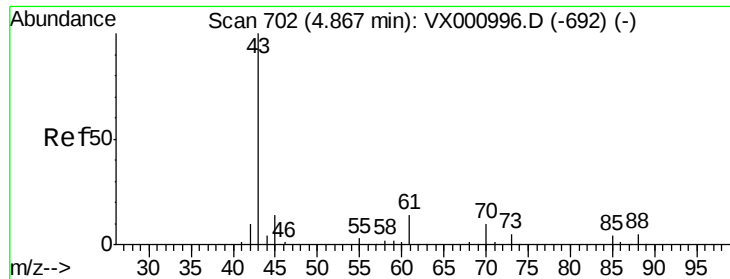
MMDadoda
 4/23/2018 1:27:45 PM



#36
 1,1-Dichloropropene
 Concen: 48.11 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	175234		
110	36.9	18.7	56.1	
77	31.0	25.0	37.4	





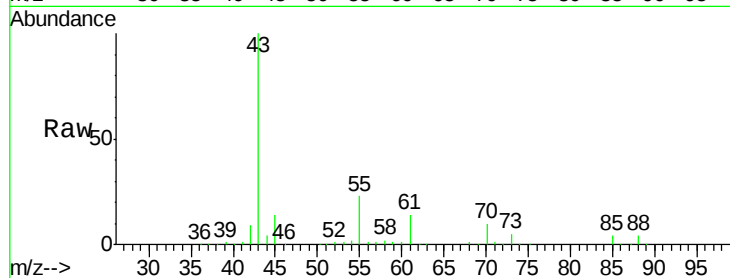
#37
Ethyl Acetate
Concen: 48.49 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

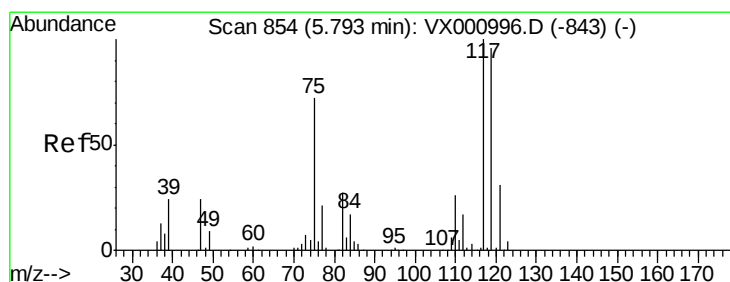
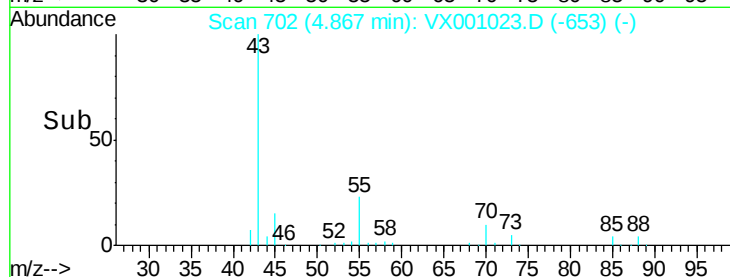
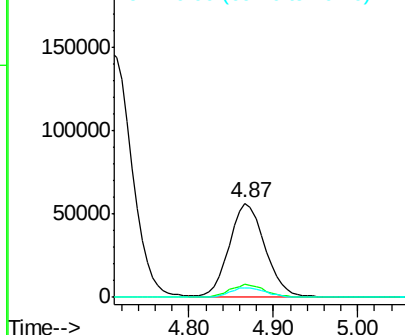
Tgt Ion:	43	Resp:	162010
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.5	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM

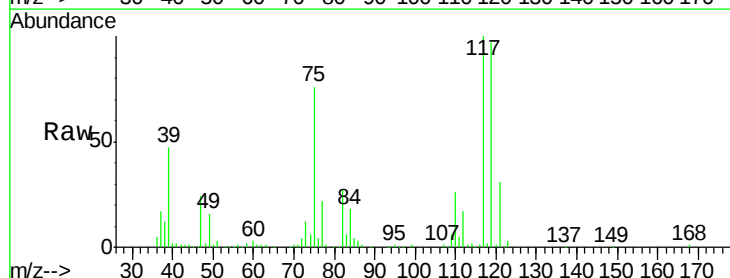


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

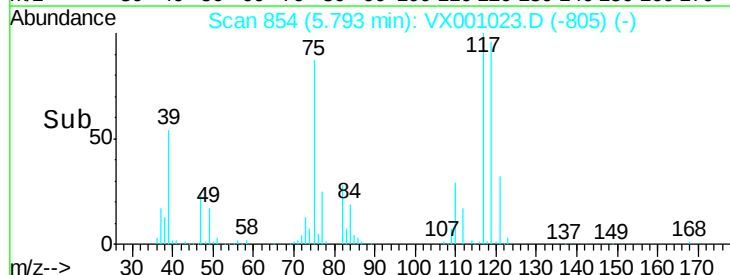
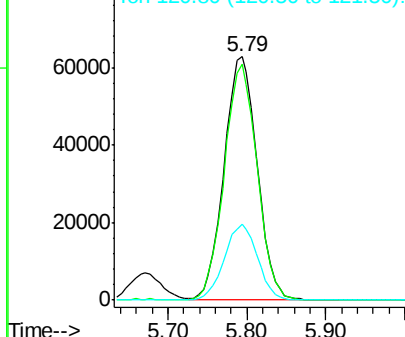


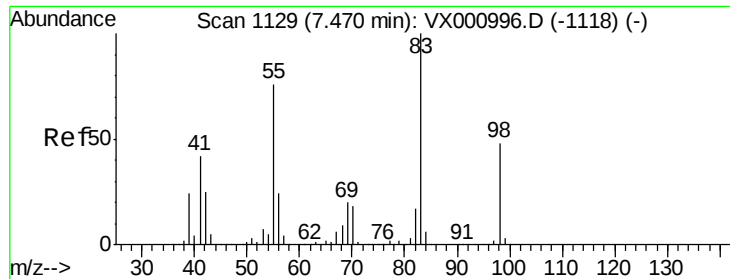
#38
Carbon Tetrachloride
Concen: 49.78 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion:	117	Resp:	183568
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.5	114.7
121	31.1	24.5	36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





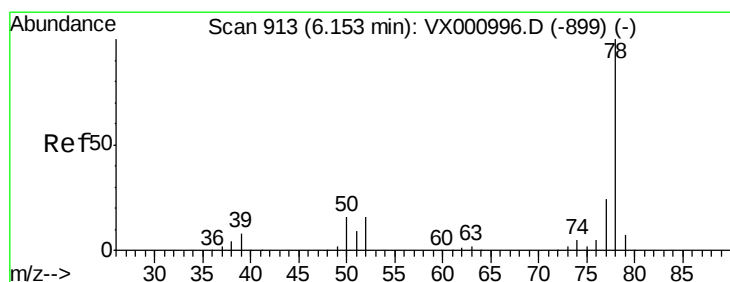
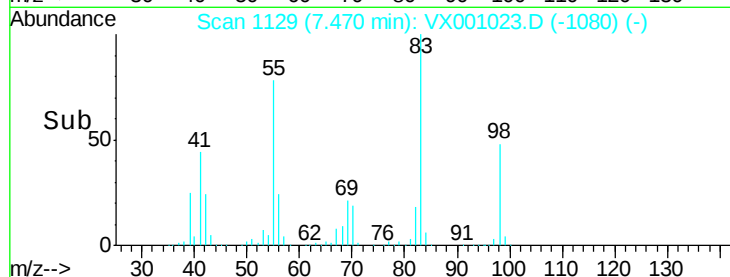
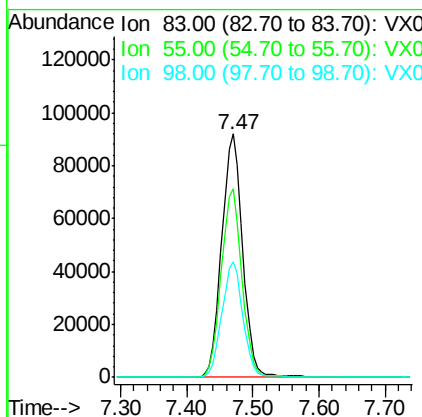
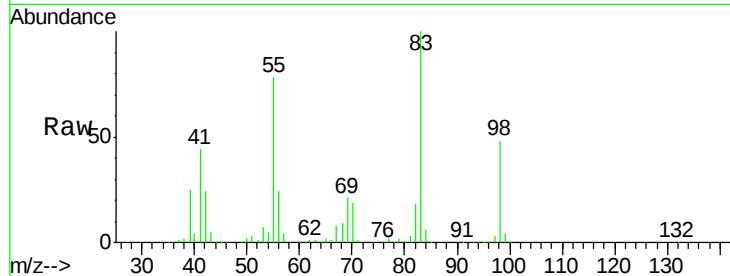
#39
Methylcyclohexane
Concen: 47.71 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	202261		
55	77.5	60.6	91.0	
98	47.6	38.2	57.4	

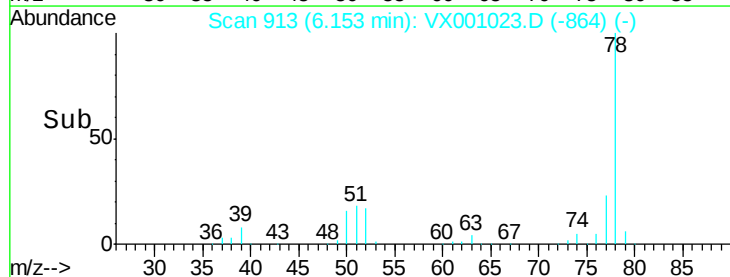
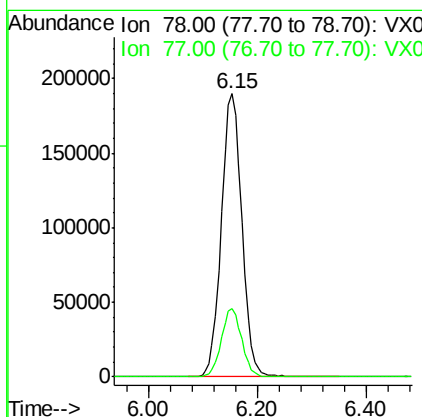
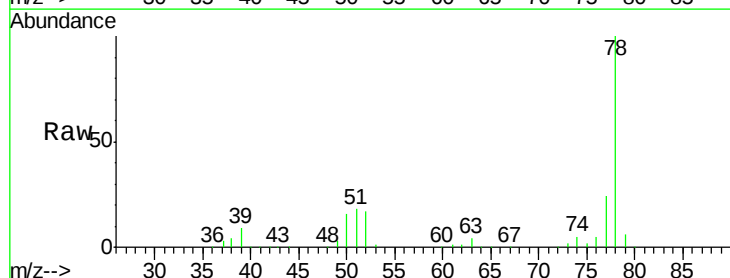
Manual Integrations
APPROVED

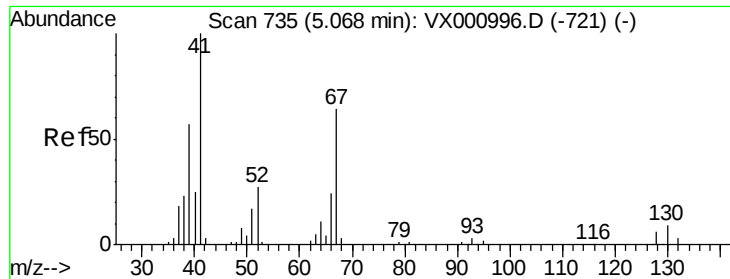
MMDadoda
4/23/2018 1:27:45 PM



#40
Benzene
Concen: 49.20 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	498148		
77	24.0	18.9	28.3	





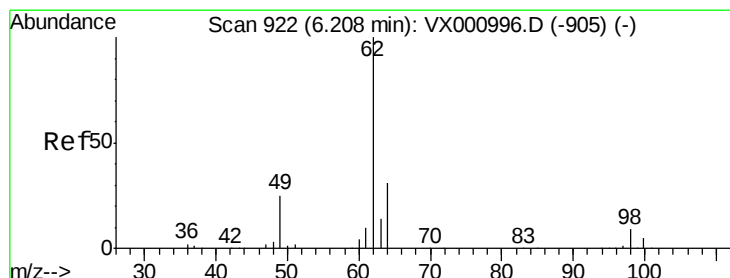
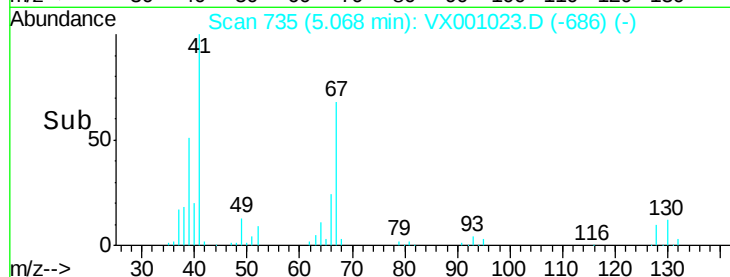
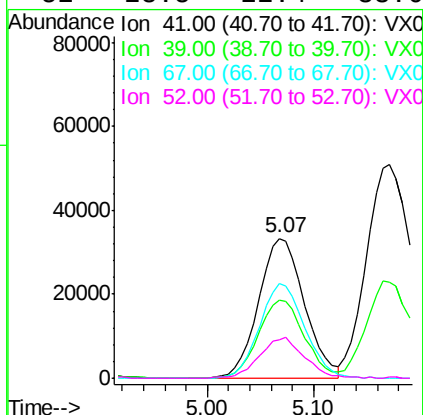
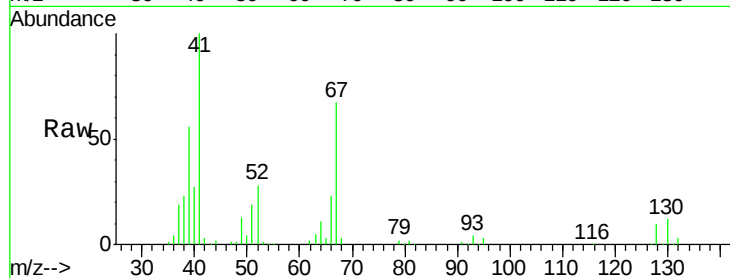
#41
Methacrylonitrile
Concen: 47.99 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.2	67.8
67	67.2	53.8	80.8
52	28.5	22.4	33.6

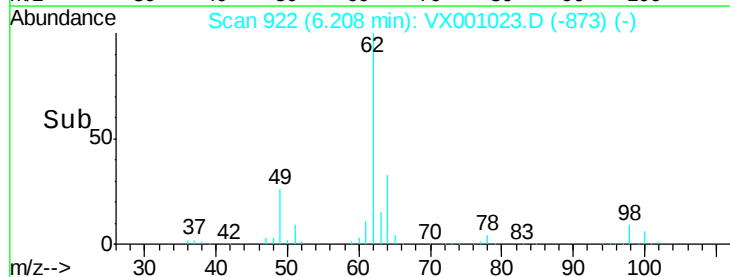
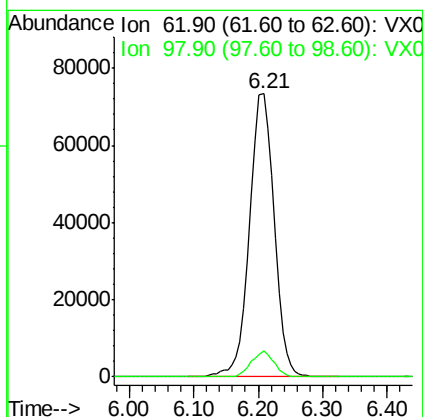
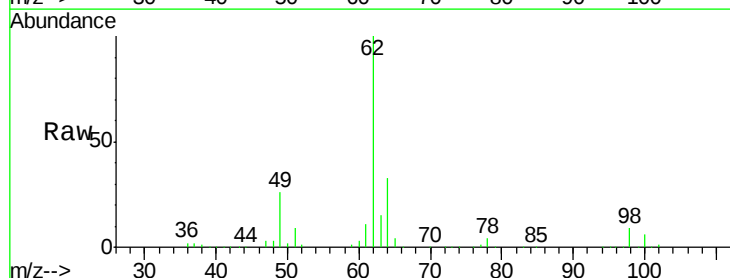
Manual Integrations
APPROVED

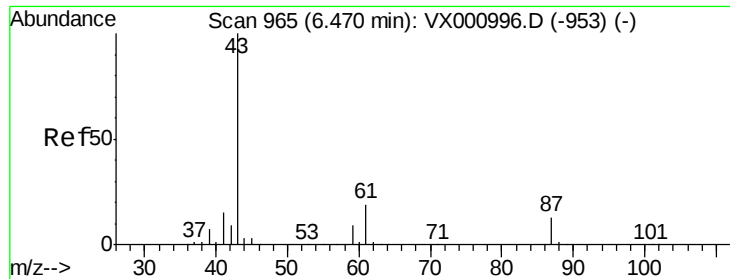
MMDadoda
4/23/2018 1:27:45 PM



#42
1,2-Dichloroethane
Concen: 49.55 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 49.47 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

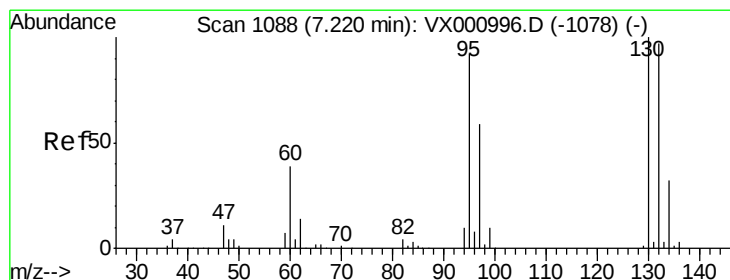
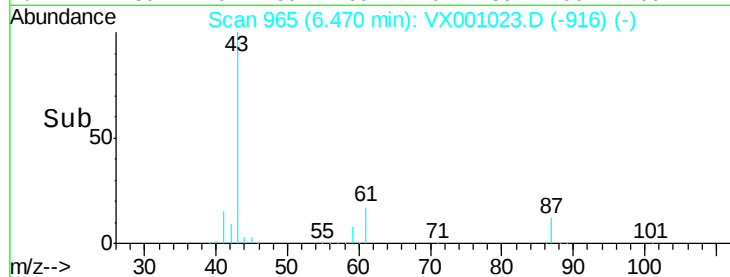
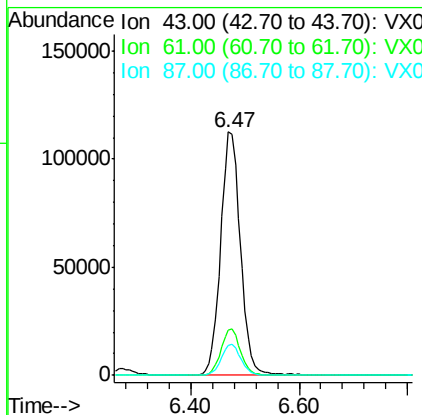
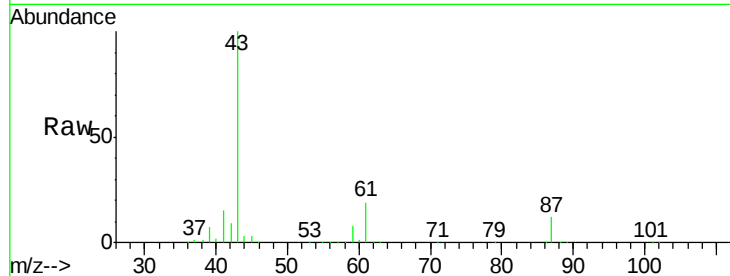
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	283544
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	12.7	10.6	15.8

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#44

Trichloroethene

Concen: 48.94 ug/l

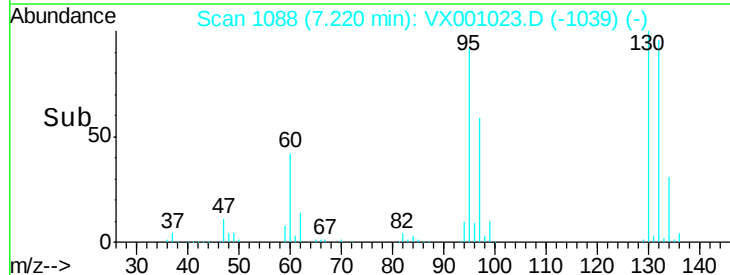
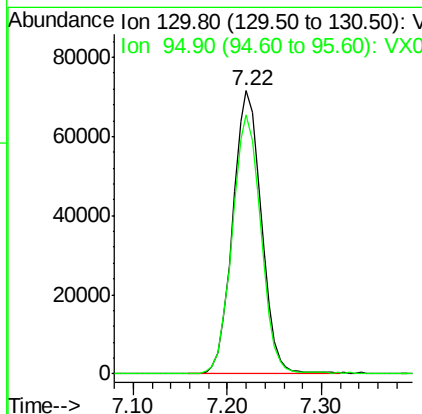
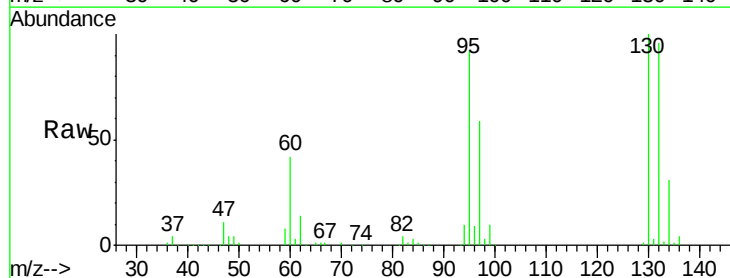
RT: 7.22 min Scan# 1088

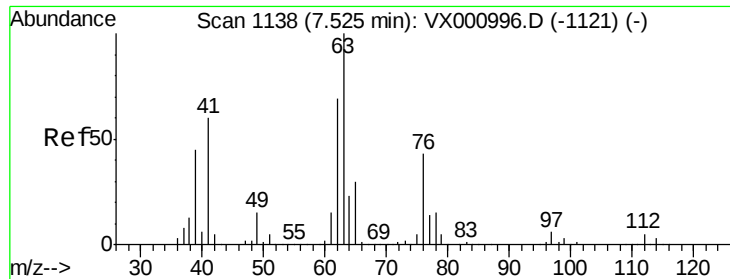
Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion:	130	Resp:	151413
Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	184.2





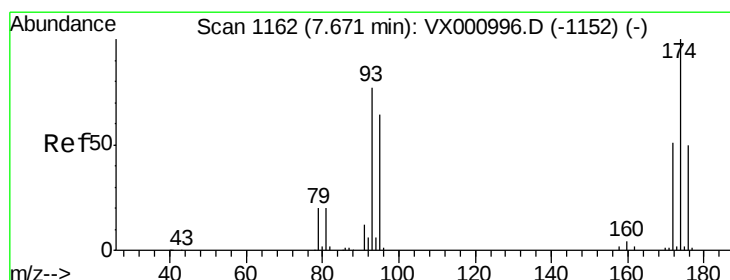
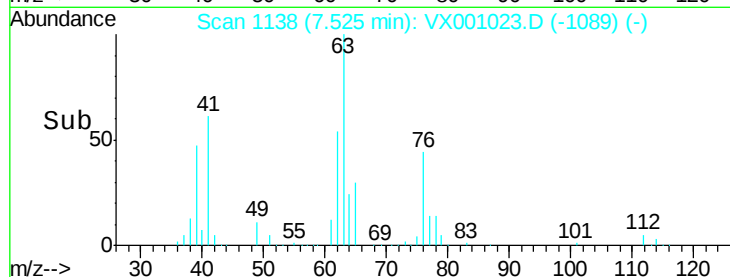
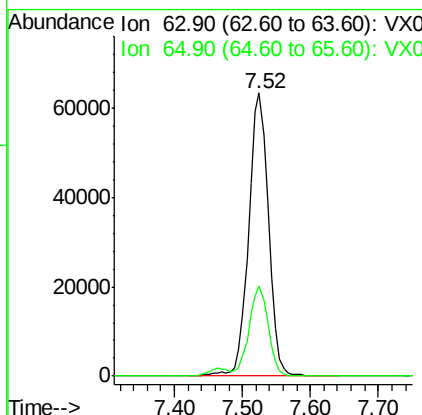
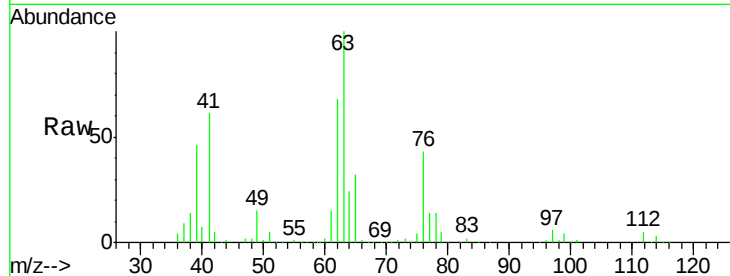
#45
 1,2-Dichloropropane
 Concen: 50.61 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 128851
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6

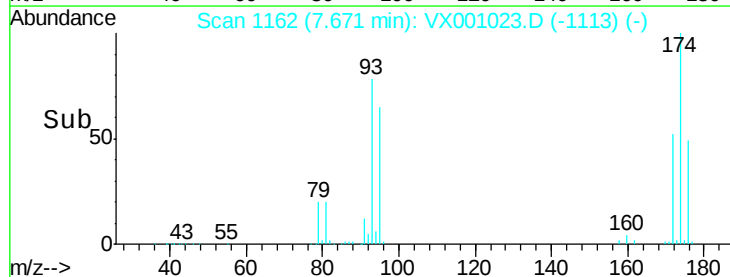
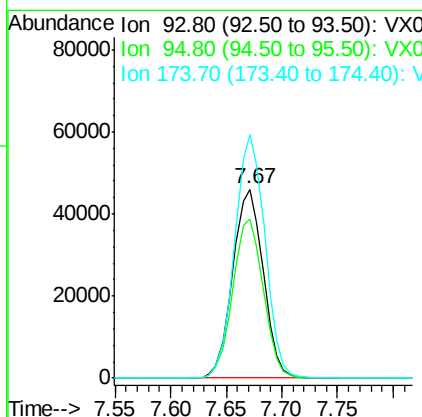
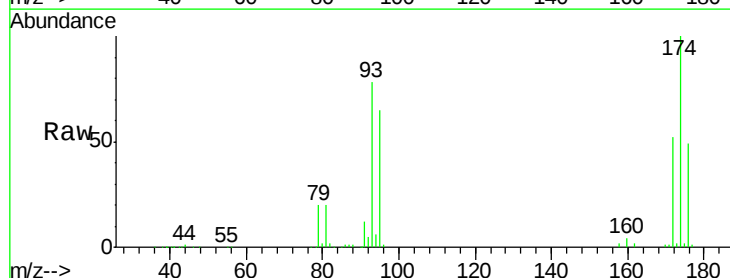
Manual Integrations
 APPROVED

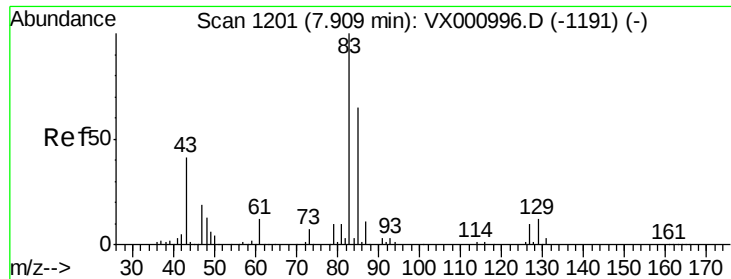
MMDadoda
 4/23/2018 1:27:45 PM



#46
 Dibromomethane
 Concen: 49.33 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion: 93 Resp: 87760
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 127.3 101.8 152.6





#47

Bromodichloromethane

Concen: 51.25 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 168888

Ion Ratio Lower Upper

83 100

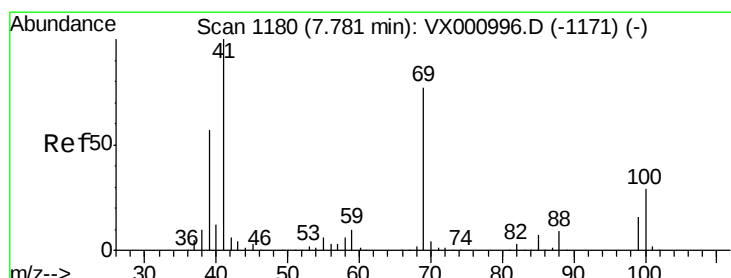
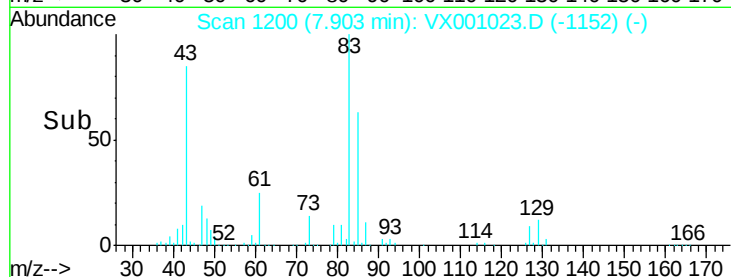
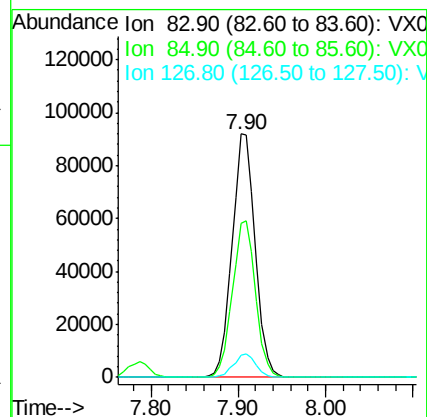
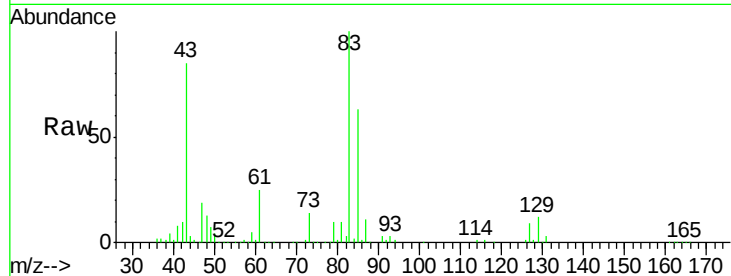
85 63.2 52.3 78.5

127 8.9 7.8 11.6

Manual Integrations
APPROVED

MMDadoda

4/23/2018 1:27:45 PM



#48

Methyl methacrylate

Concen: 49.84 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

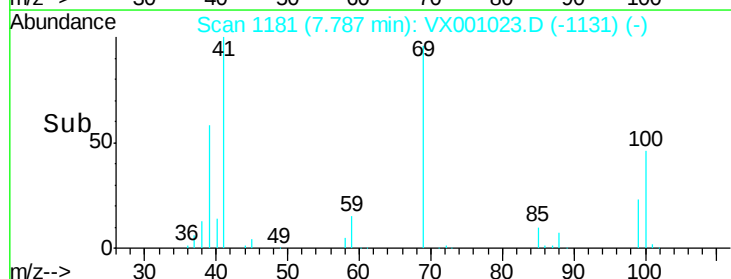
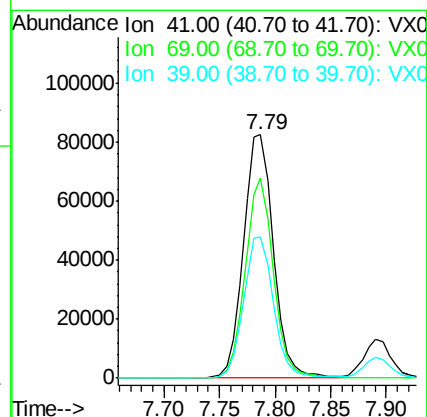
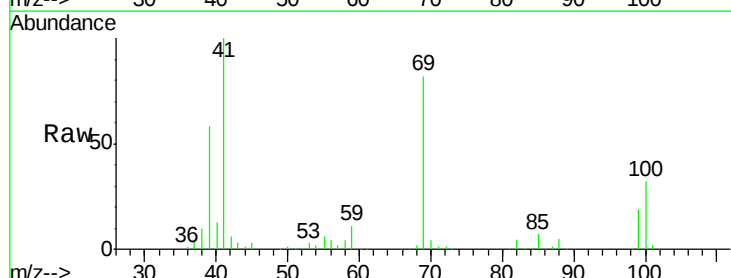
Tgt Ion: 41 Resp: 153813

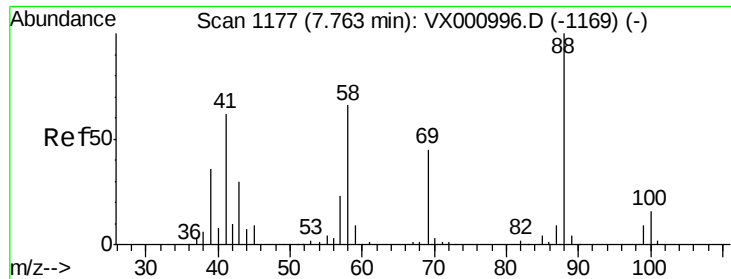
Ion Ratio Lower Upper

41 100

69 78.1 62.6 94.0

39 57.4 45.3 67.9





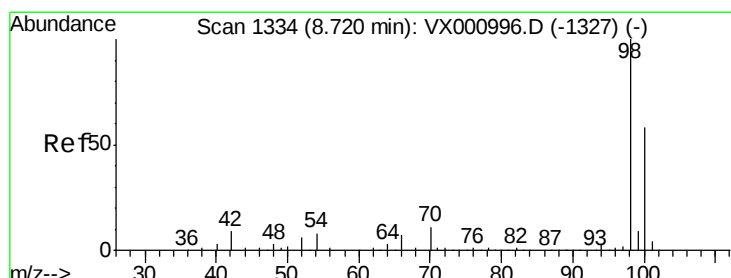
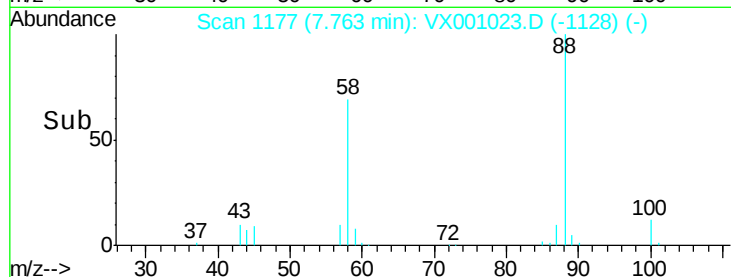
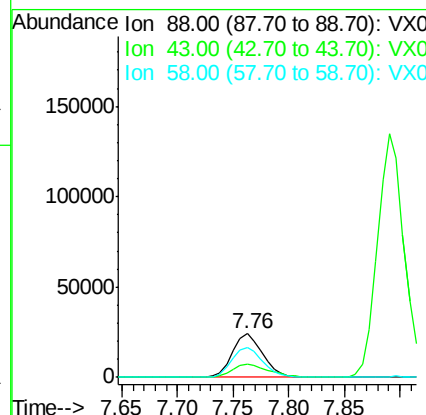
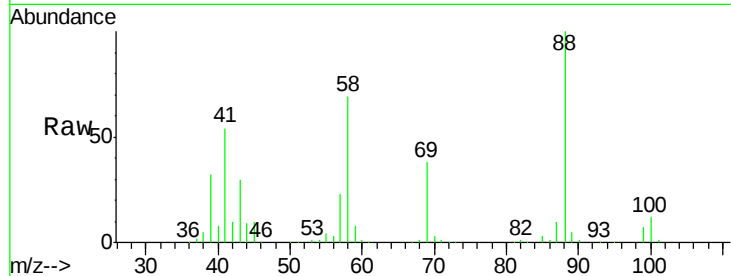
#49
1,4-Dioxane
Concen: 1008.18 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.2	43.8
58	71.5	55.0	82.6

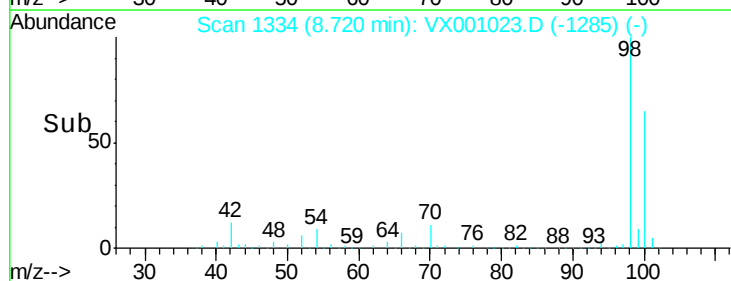
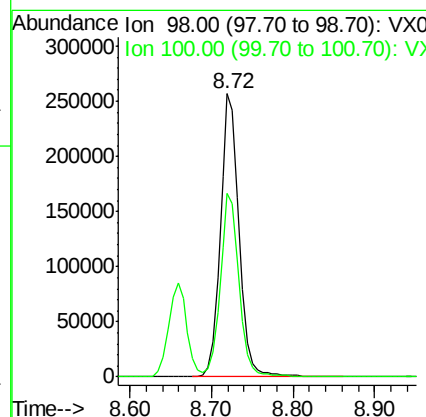
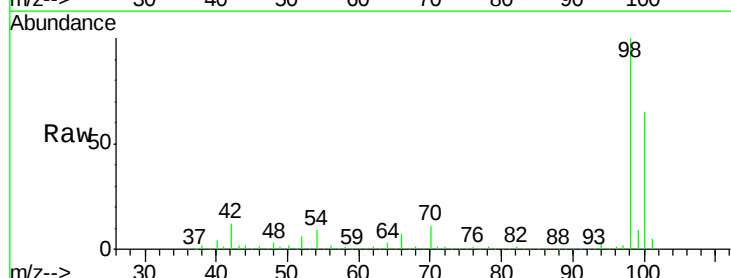
Manual Integrations
APPROVED

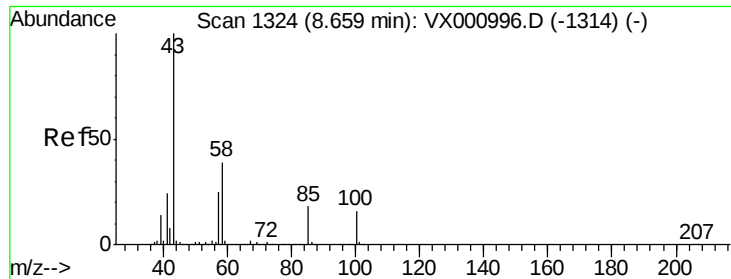
MMDadoda
4/23/2018 1:27:45 PM



#50
Toluene-d8
Concen: 46.96 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





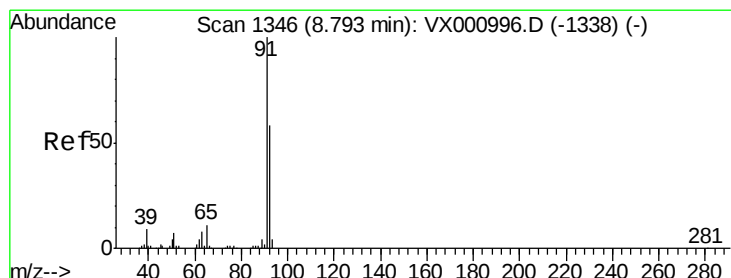
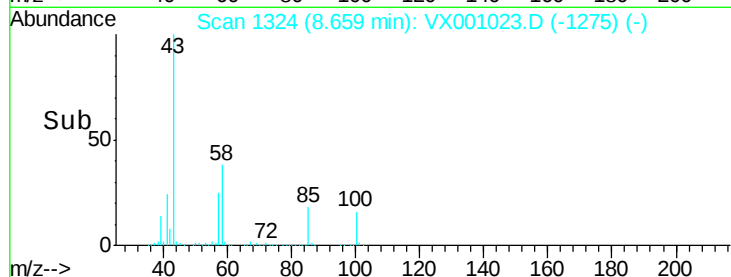
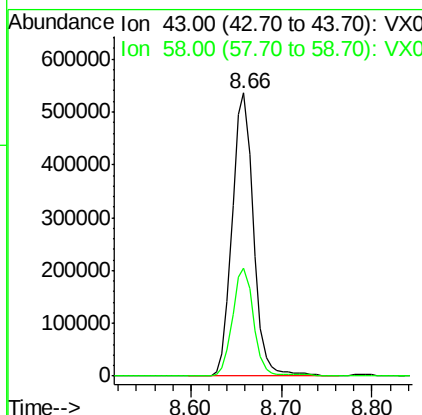
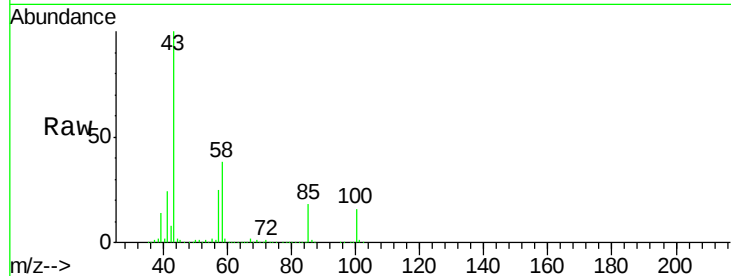
#51
 4-Methyl-2-Pentanone
 Concen: 251.39 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 874872
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.2 45.4

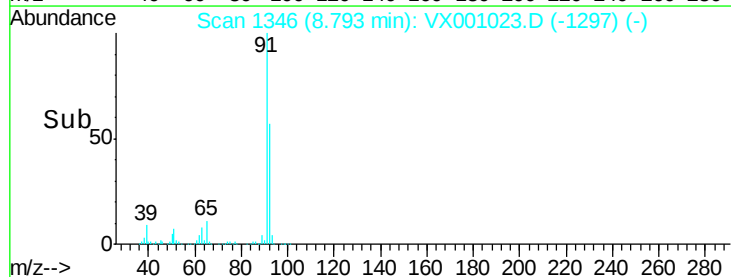
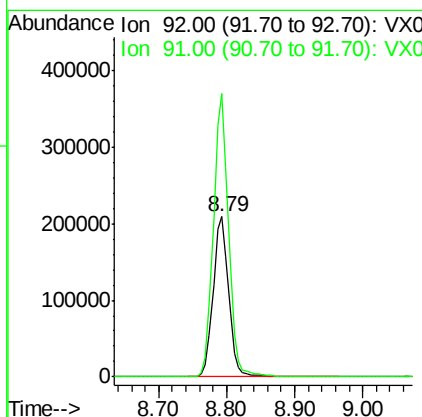
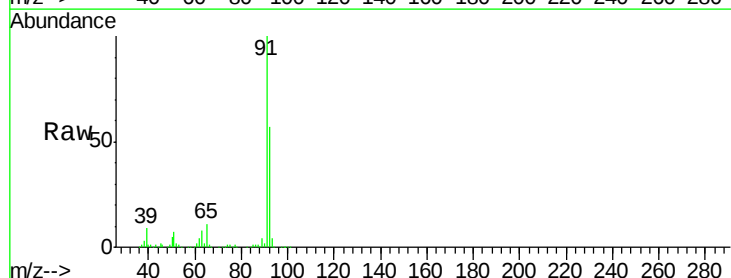
Manual Integrations
 APPROVED

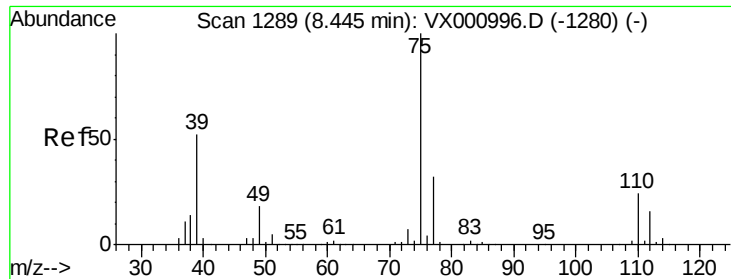
MMDadoda
 4/23/2018 1:27:45 PM



#52
 Toluene
 Concen: 50.05 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion: 92 Resp: 330766
 Ion Ratio Lower Upper
 92 100
 91 173.1 138.2 207.4





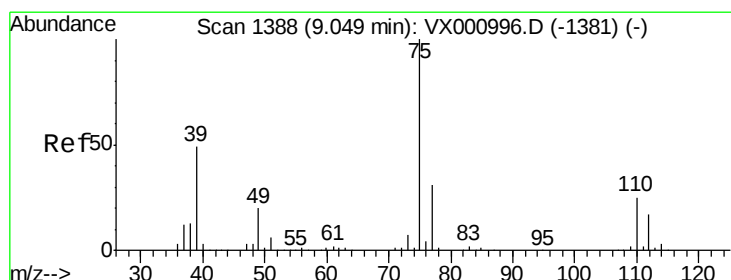
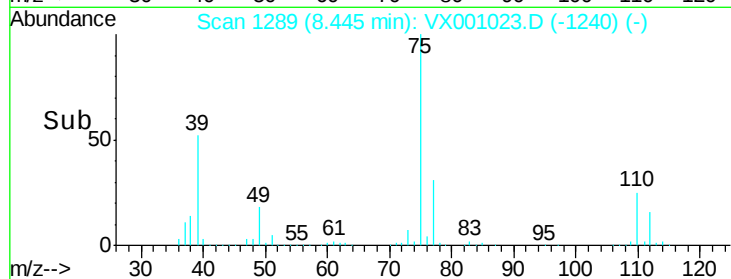
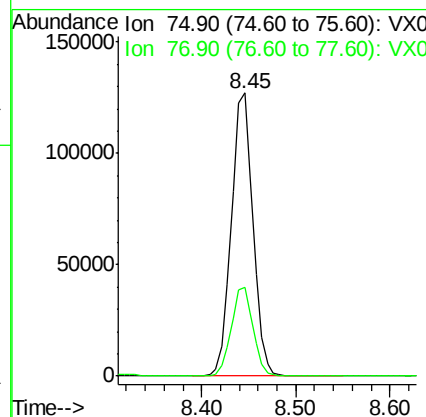
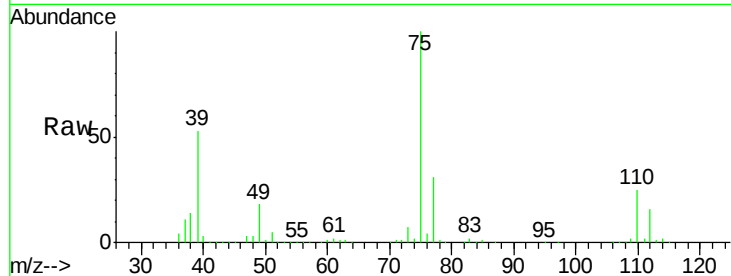
#53
t-1,3-Dichloropropene
Concen: 51.40 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 202604
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6

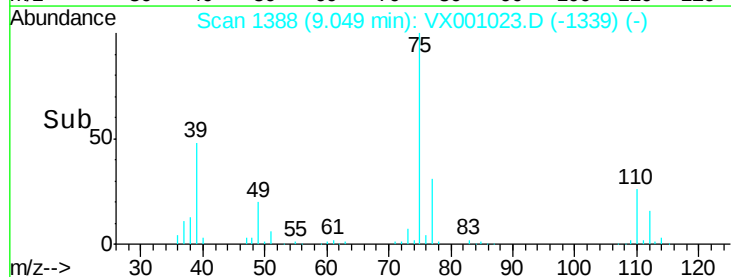
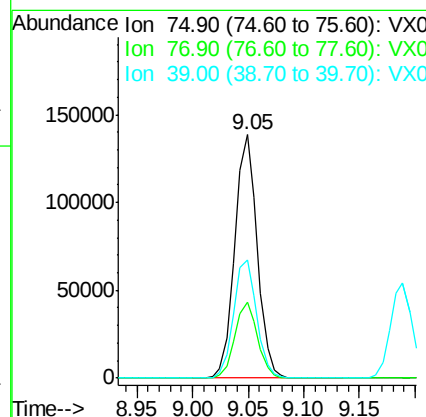
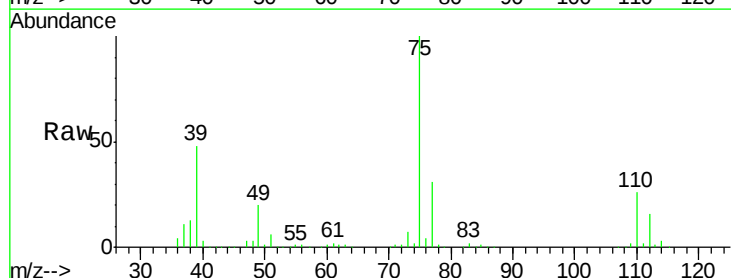
Manual Integrations
APPROVED

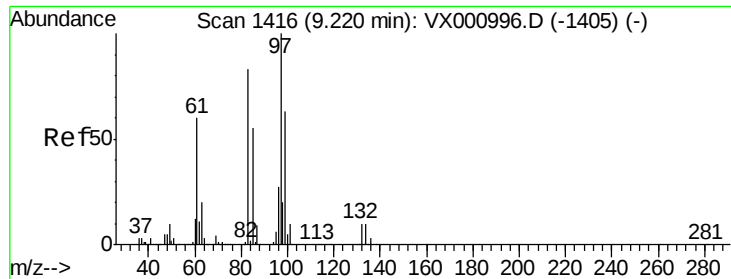
MMDadoda
4/23/2018 1:27:45 PM



#54
cis-1,3-Dichloropropene
Concen: 51.96 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion: 75 Resp: 193115
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 48.2 39.2 58.8





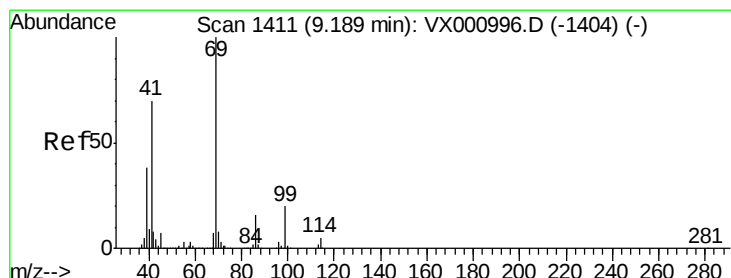
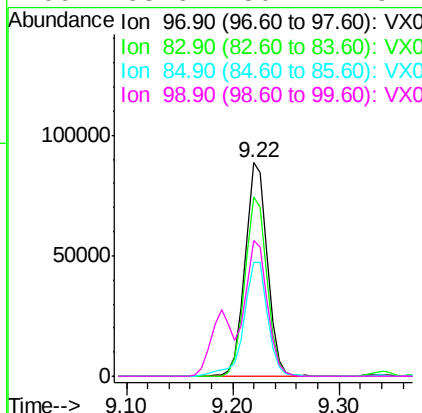
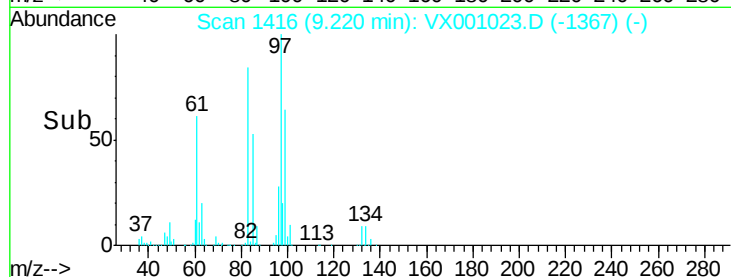
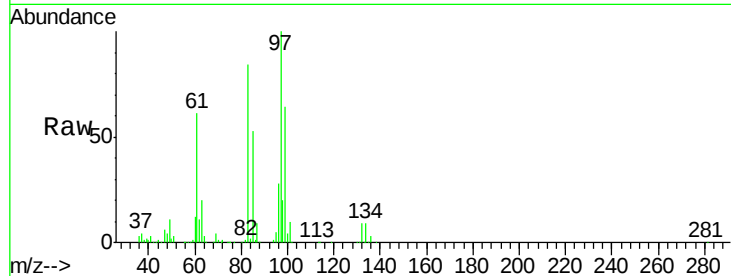
#55
 1,1,2-Trichloroethane
 Concen: 49.60 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	130299		
83	83.9	66.2	66.2	99.4
85	53.1	44.2	44.2	66.4
99	63.6	50.2	50.2	75.4

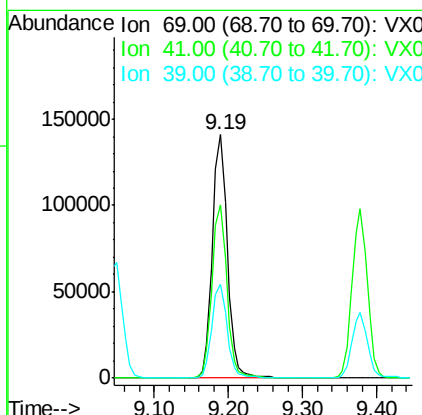
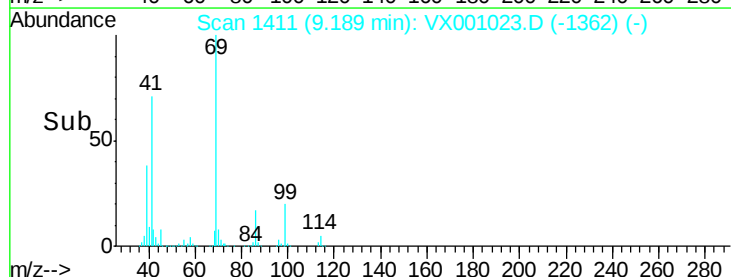
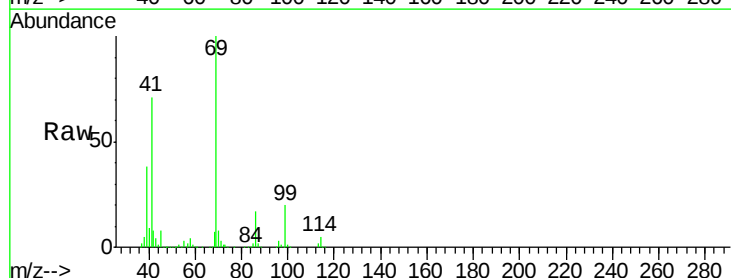
Manual Integrations
 APPROVED

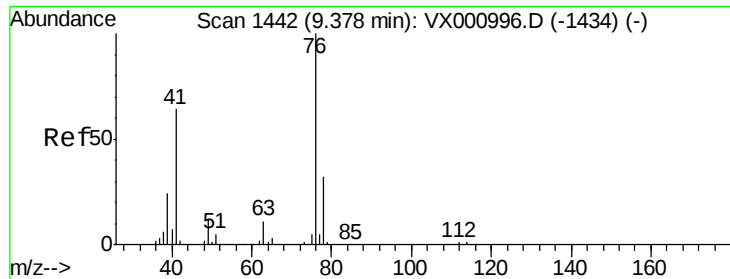
MMDadoda
 4/23/2018 1:27:45 PM



#56
 Ethyl methacrylate
 Concen: 50.75 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	195803		
41	71.1	56.3	56.3	84.5
39	38.9	30.4	30.4	45.6





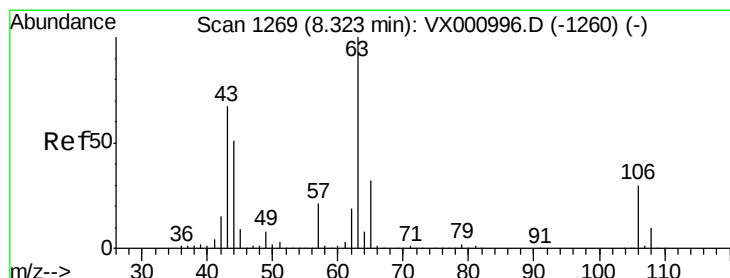
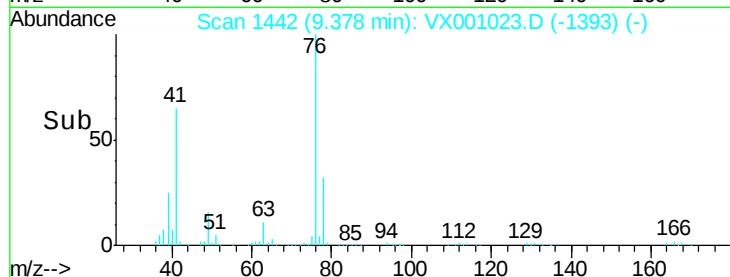
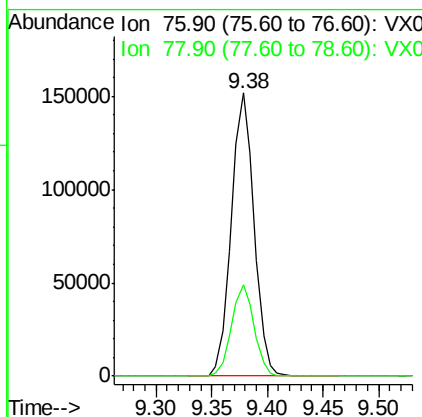
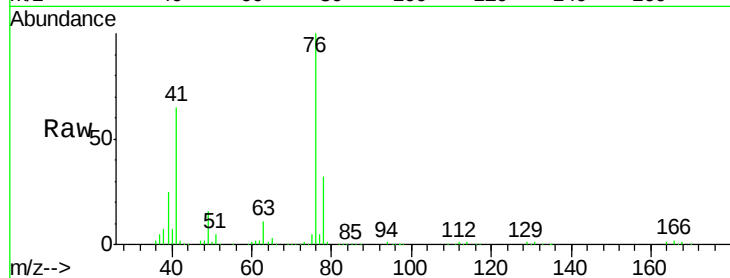
#57
 1,3-Dichloropropane
 Concen: 49.20 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 214109
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

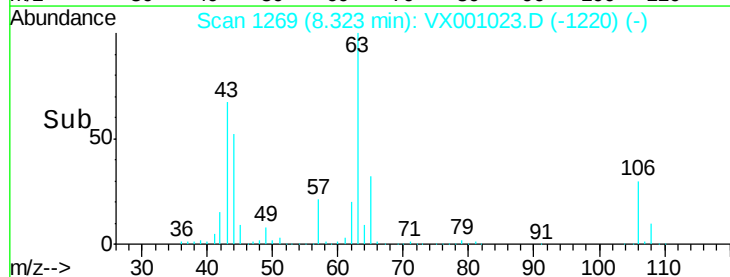
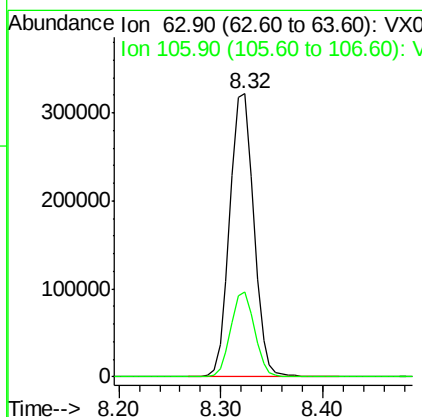
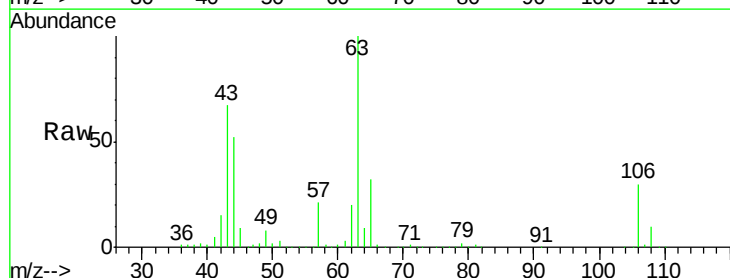
Manual Integrations
 APPROVED

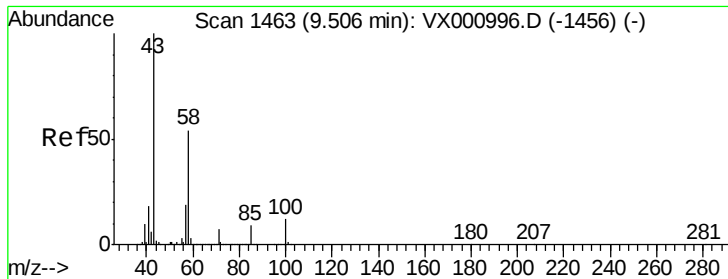
MMDadoda
 4/23/2018 1:27:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.77 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion: 63 Resp: 523027
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6





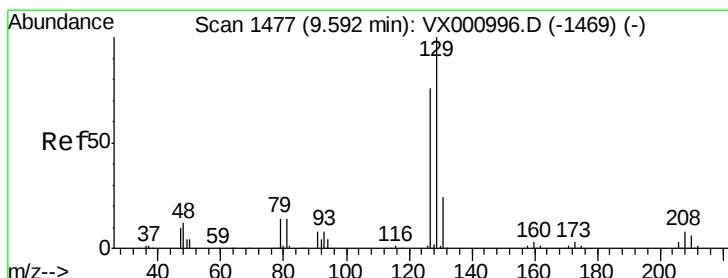
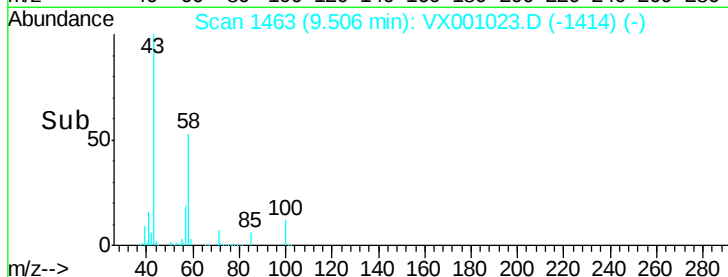
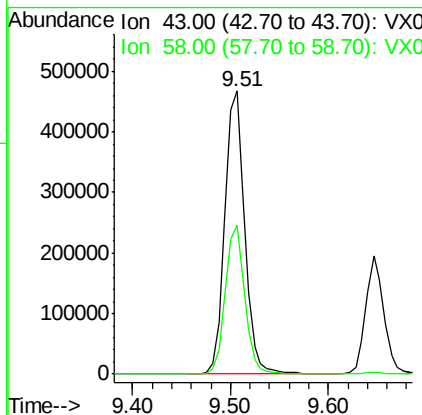
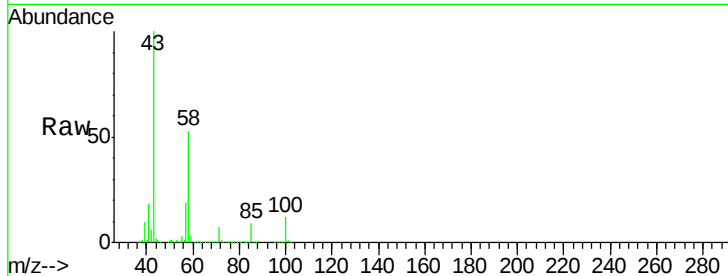
#59
2-Hexanone
Concen: 247.49 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 659269
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

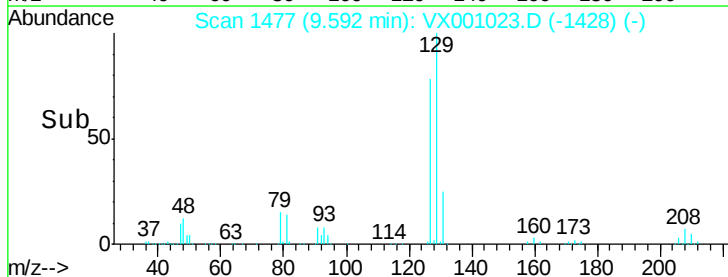
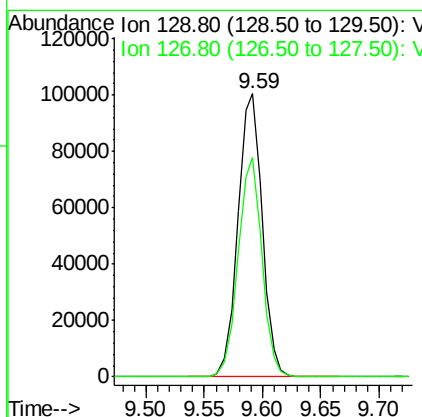
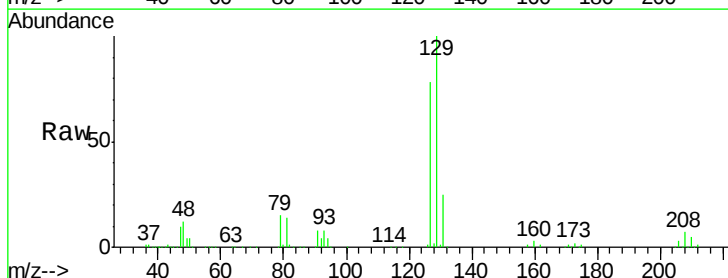
Manual Integrations
APPROVED

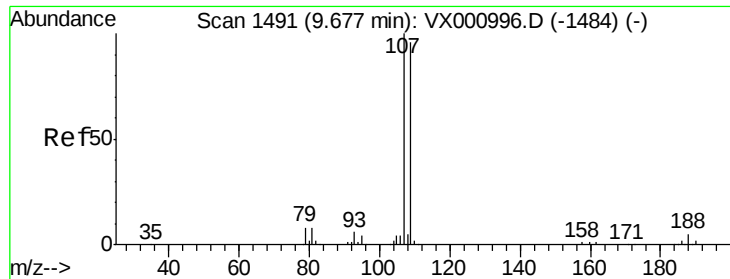
MMDadoda
4/23/2018 1:27:45 PM



#60
Dibromochloromethane
Concen: 52.84 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion: 129 Resp: 145790
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.75 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 140698

Ion Ratio Lower Upper

107 100

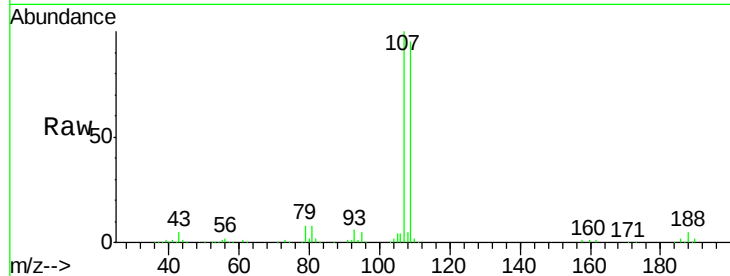
109 93.9 76.0 114.0

Manual Integrations

APPROVED

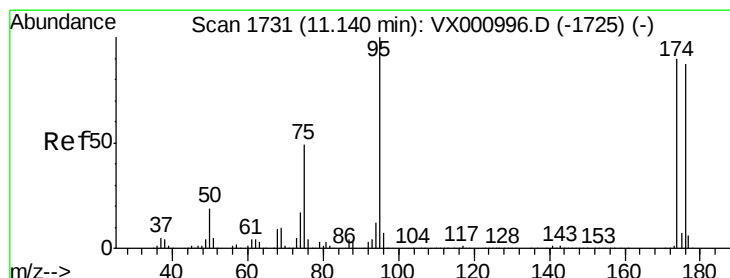
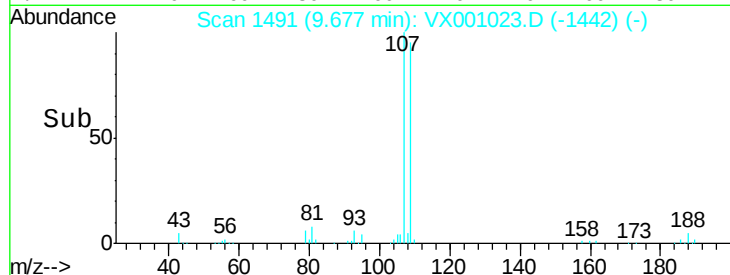
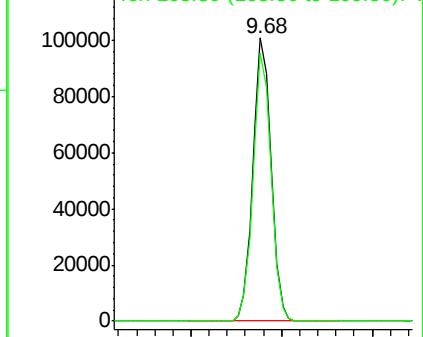
MMDadoda

4/23/2018 1:27:45 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

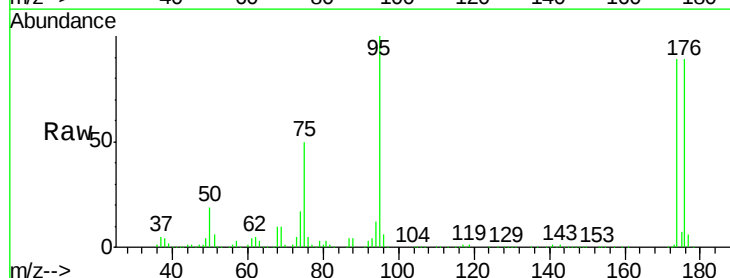
Tgt Ion: 95 Resp: 170609

Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

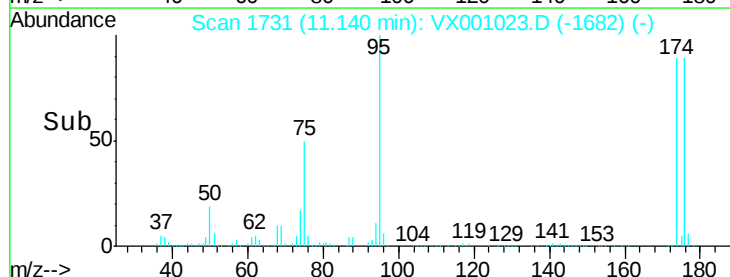
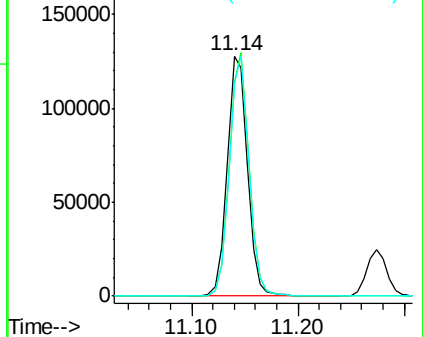
176 96.9 0.0 192.0

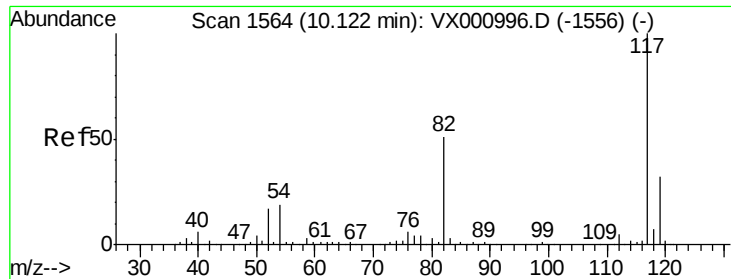


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





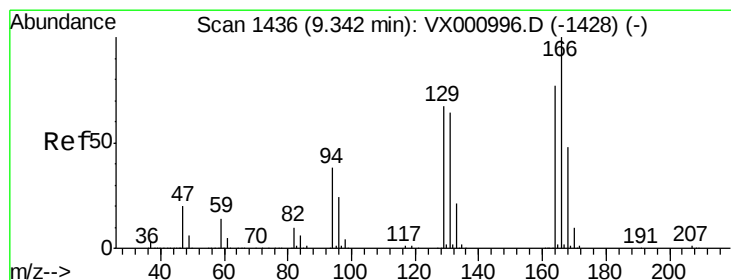
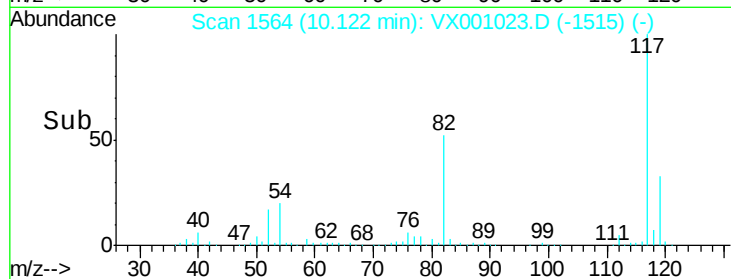
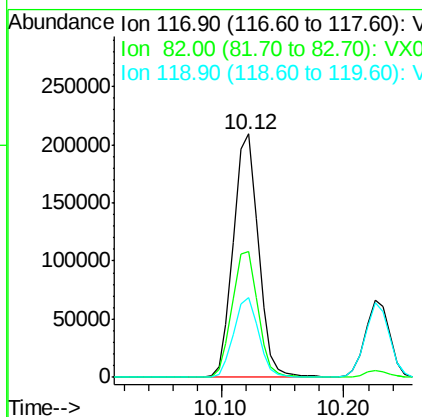
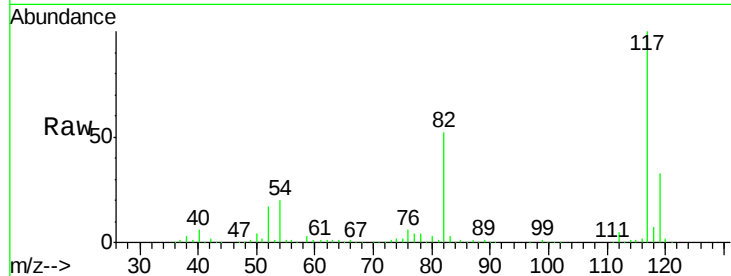
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.6	60.8
119	32.7	26.0	39.0

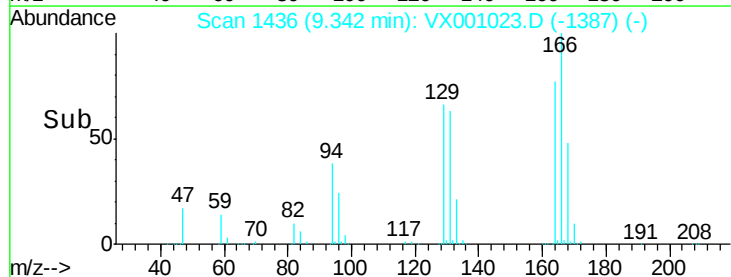
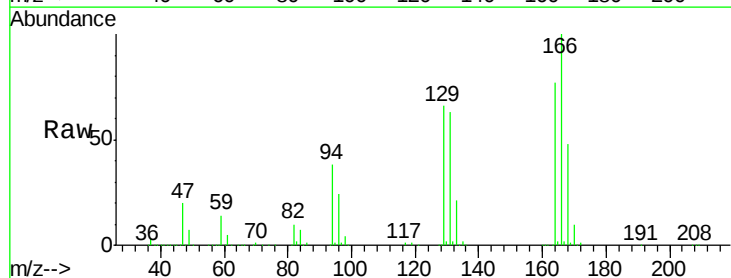
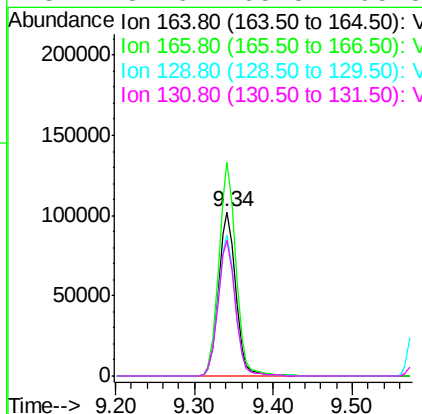
Manual Integrations
APPROVED

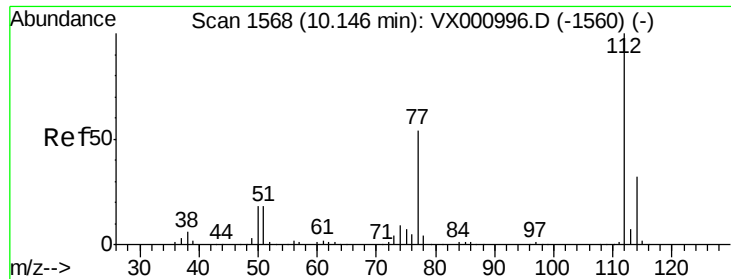
MMDadoda
4/23/2018 1:27:45 PM



#64
Tetrachloroethene
Concen: 49.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	103.5	155.3
129	85.5	69.6	104.4
131	82.6	65.8	98.8





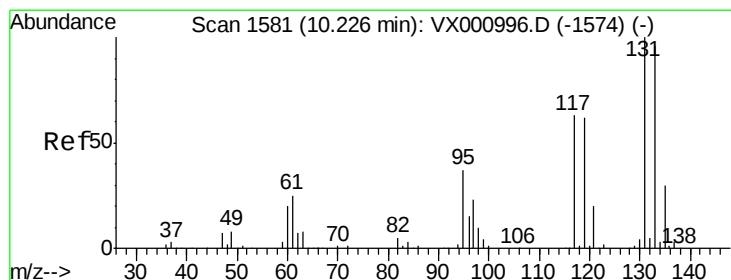
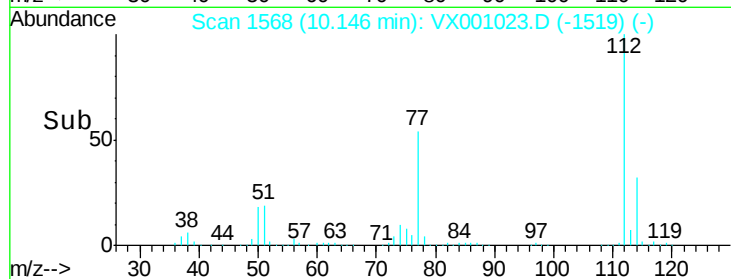
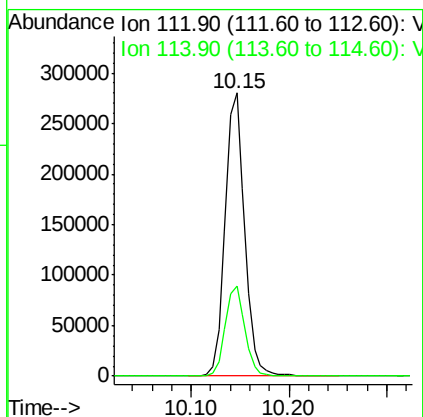
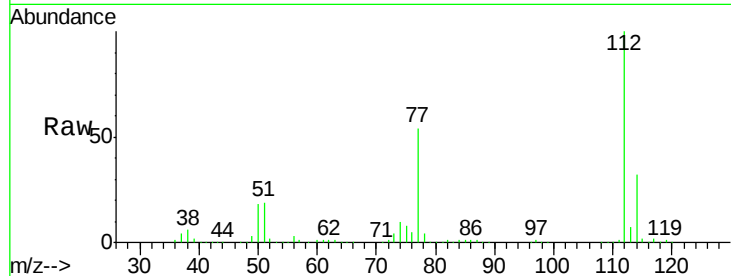
#65
Chlorobenzene
Concen: 48.94 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 387879
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

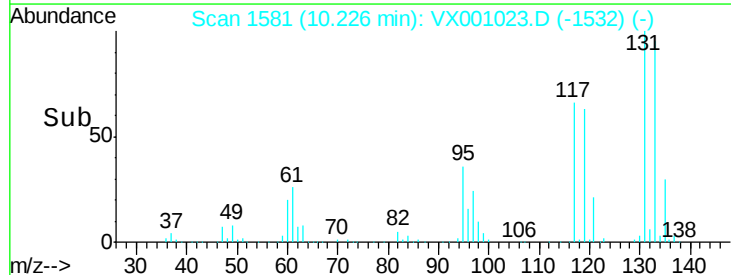
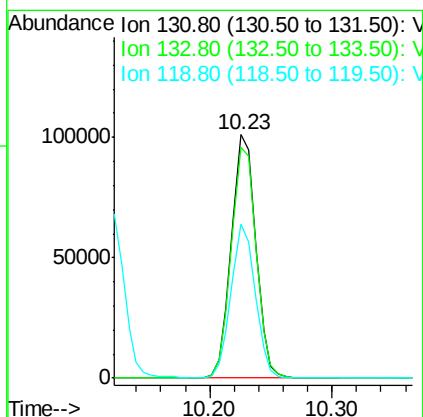
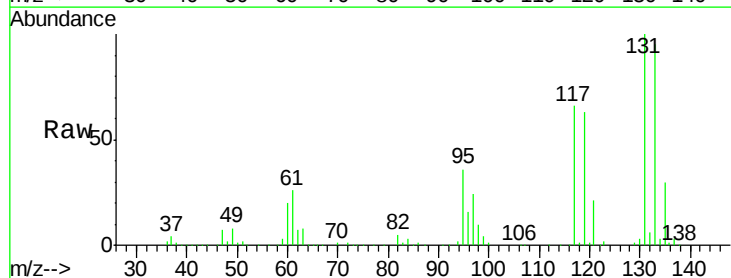
Manual Integrations
APPROVED

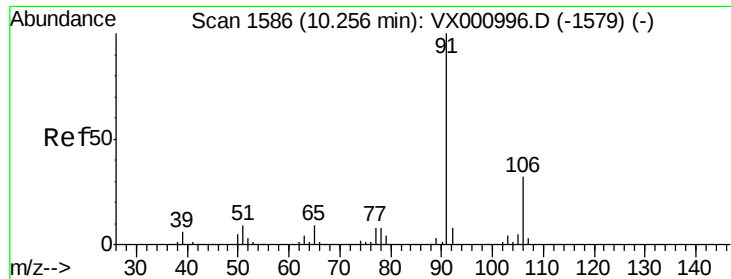
MMDadoda
4/23/2018 1:27:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.08 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion:131 Resp: 138967
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.8
119 62.9 31.1 93.2





#67

Ethyl Benzene

Concen: 49.30 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 648945

Ion Ratio Lower Upper

91 100

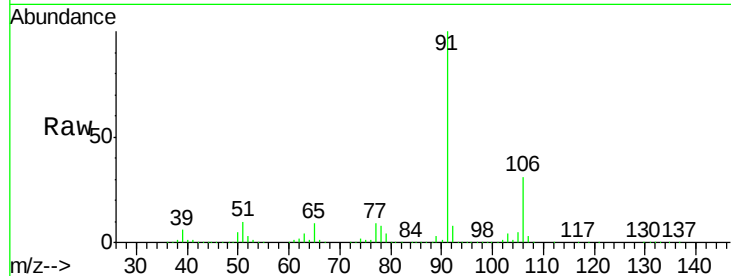
106 31.3 25.7 38.5

Manual Integrations

APPROVED

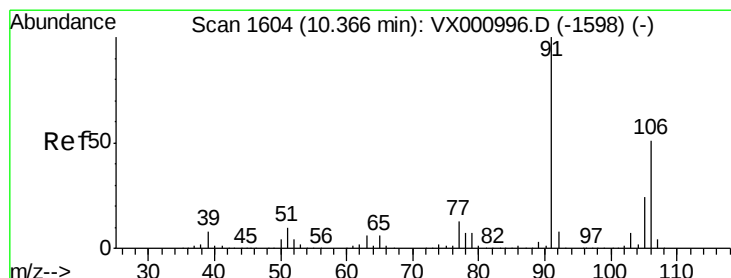
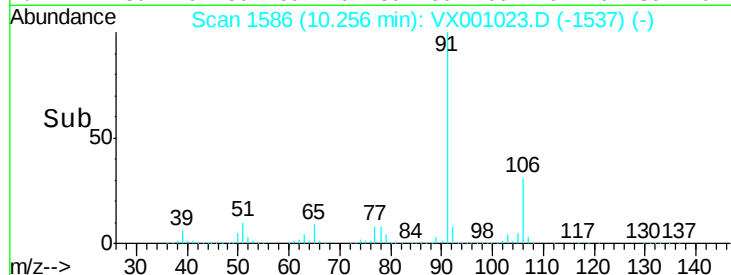
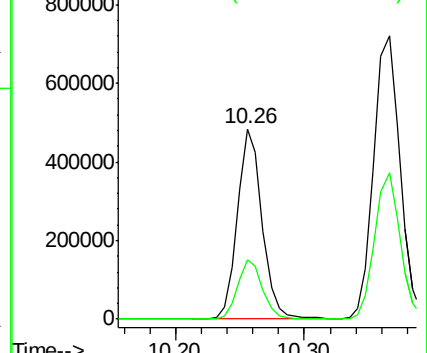
MMDadoda

4/23/2018 1:27:45 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.59 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001023.D

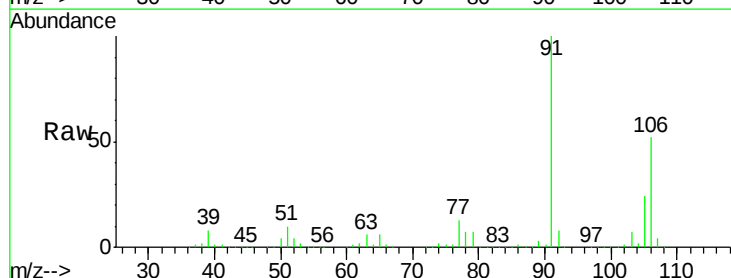
Acq: 20 Apr 2018 21:48

Tgt Ion: 106 Resp: 511478

Ion Ratio Lower Upper

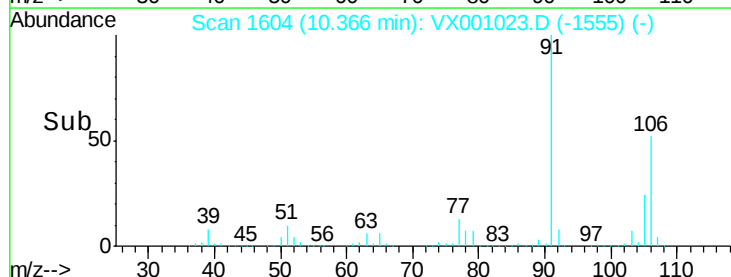
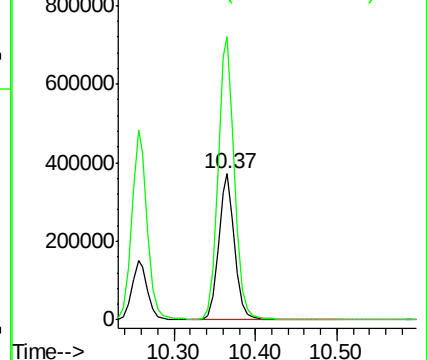
106 100

91 200.0 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





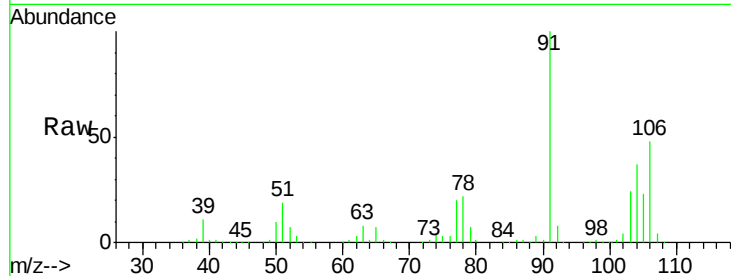
#69
o-Xylene
Concen: 49.66 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

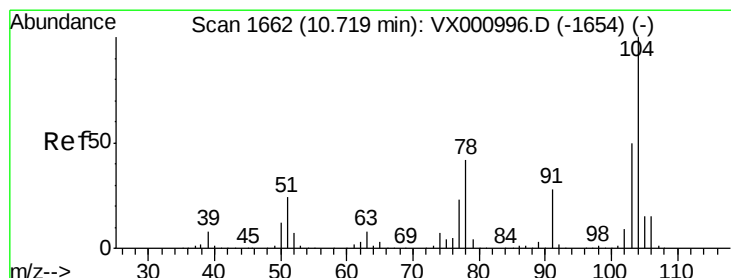
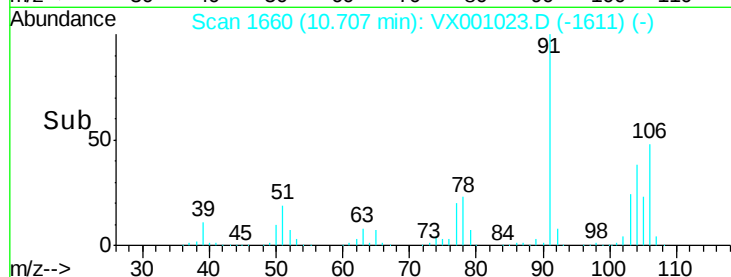
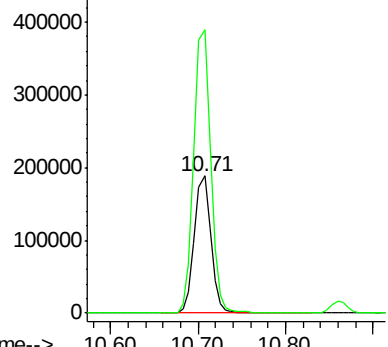
Tgt Ion:106 Resp: 248366
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM

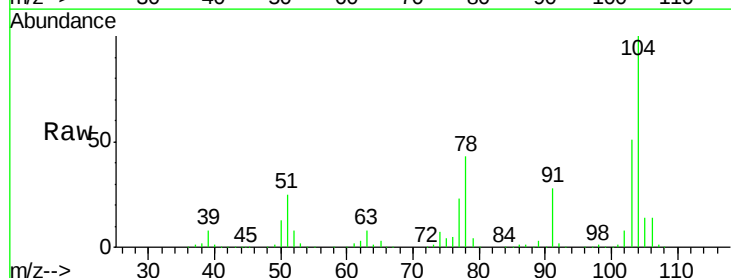


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

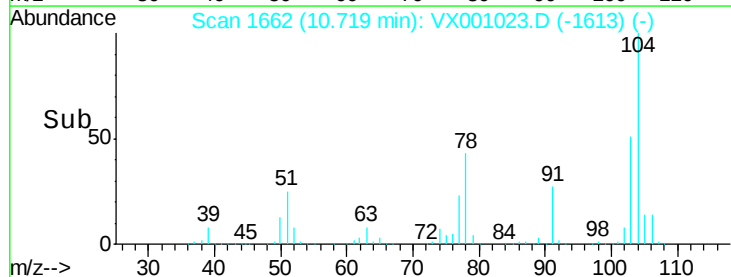
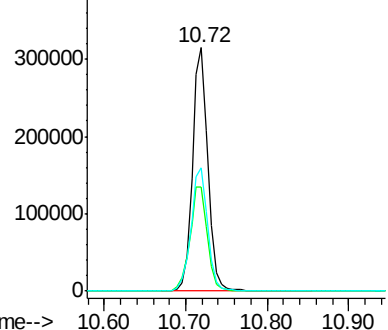


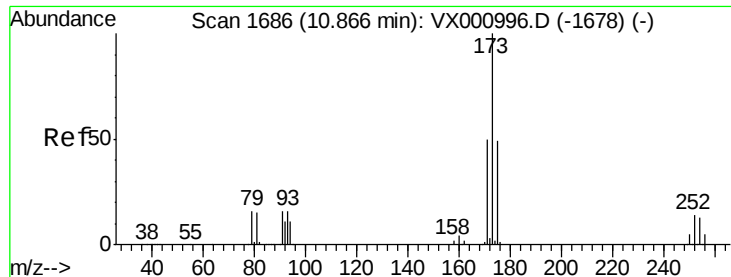
#70
Styrene
Concen: 50.66 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion:104 Resp: 417289
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.2
103 55.3 44.2 66.2



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





#71

Bromoform

Concen: 46.31 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

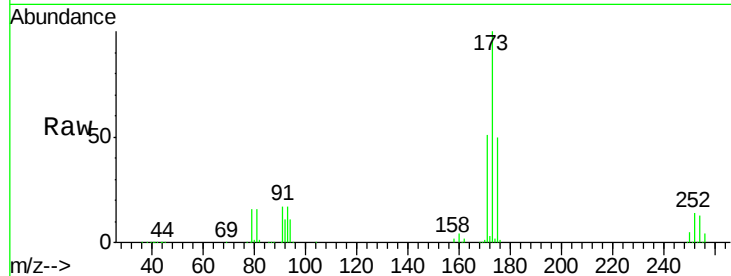
ClientSampleId :

VSTDCCC050

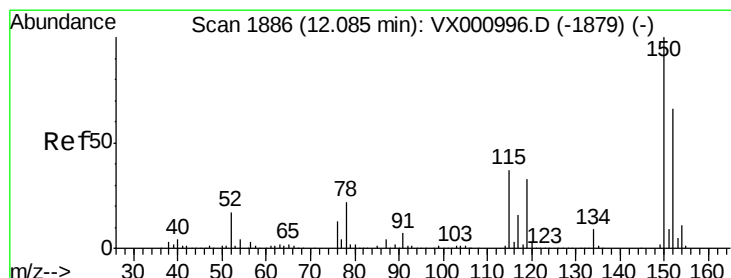
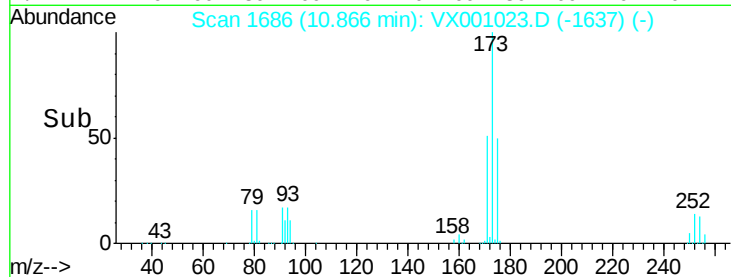
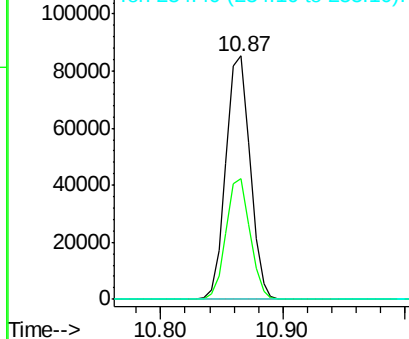
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 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: 50.00 ug/l

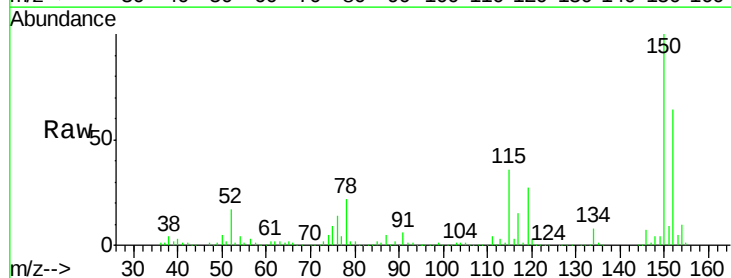
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

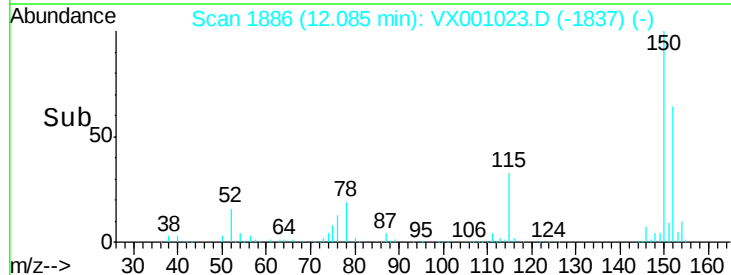
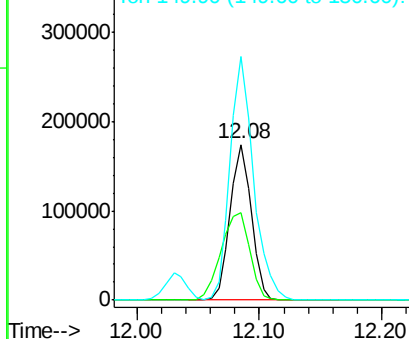
Lab File: VX001023.D

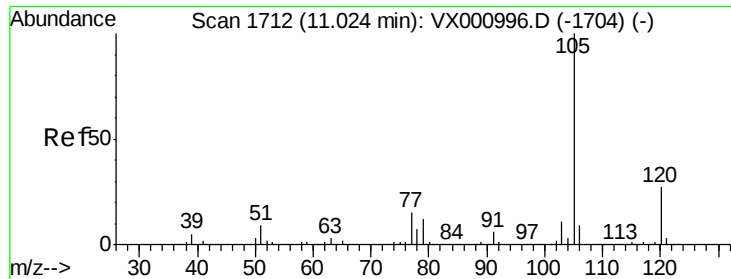
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.8	38.2	114.6
150	173.4	0.0	350.4



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: 48.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 669961

Ion Ratio Lower Upper

105 100

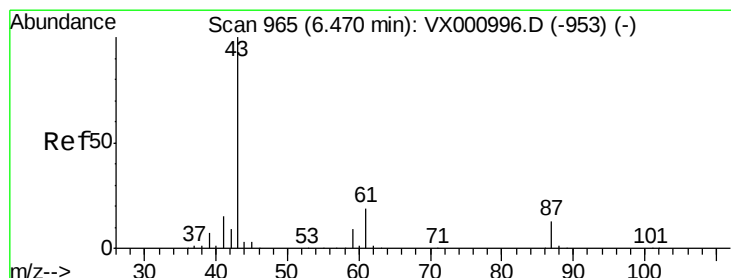
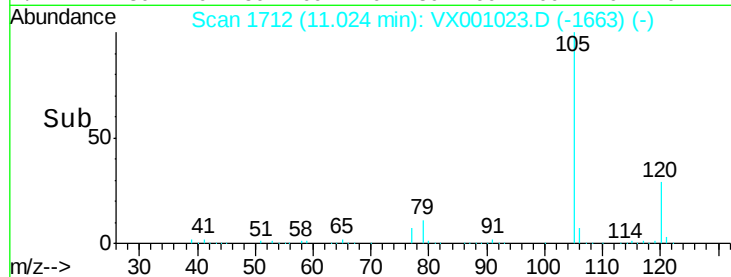
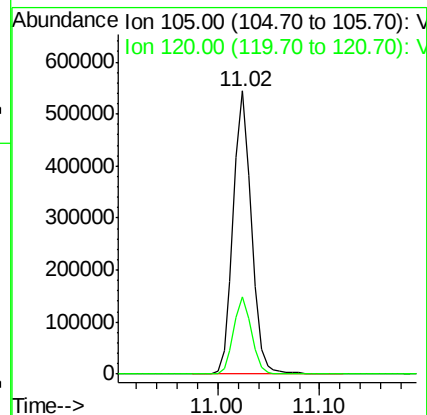
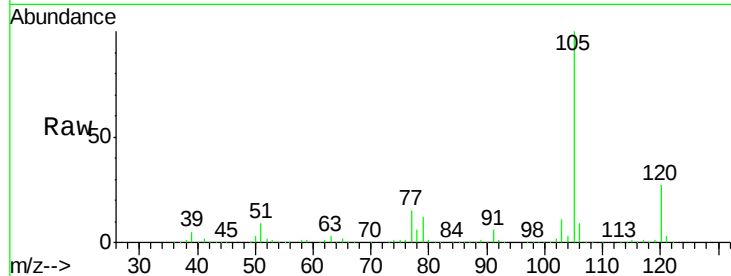
120 27.2 13.4 40.2

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:45 PM



#74

N-ethyl acetate

Concen: 48.45 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion: 43 Resp: 283544

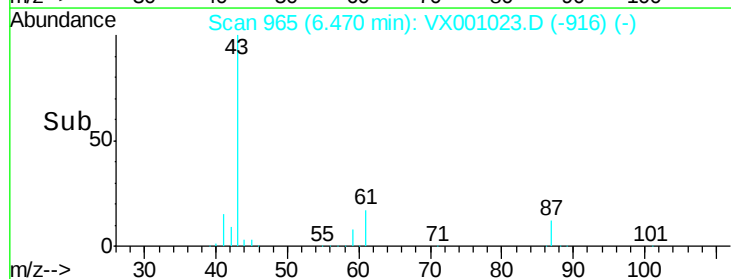
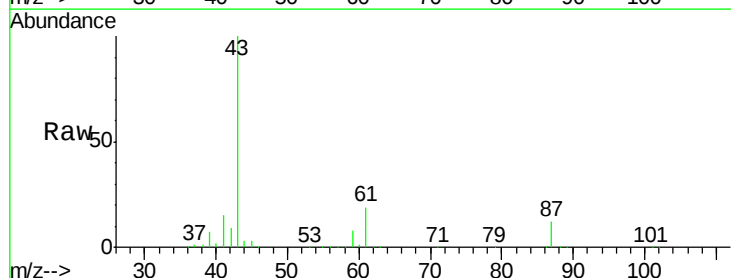
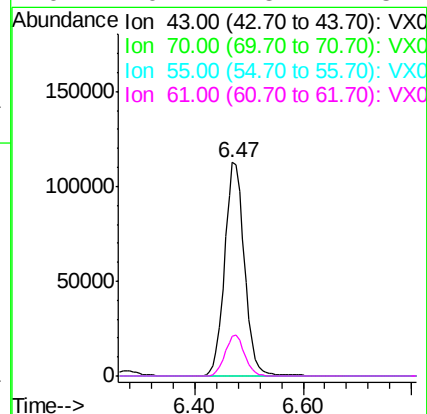
Ion Ratio Lower Upper

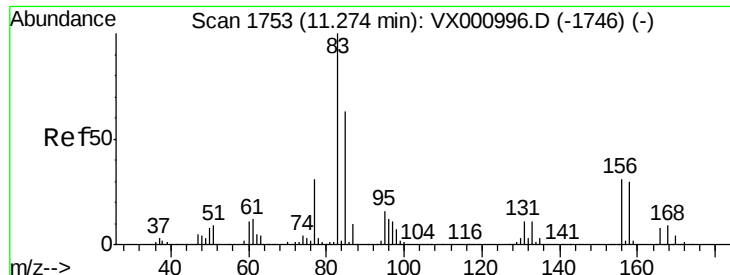
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.1 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 193043

Ion Ratio Lower Upper

83 100

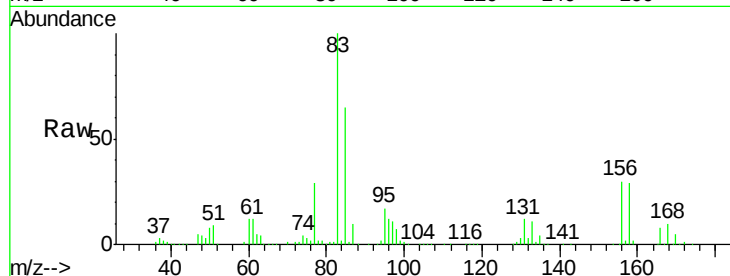
131 11.6 5.8 17.4

85 64.0 32.0 96.2

Manual Integrations
APPROVED

MMDadoda

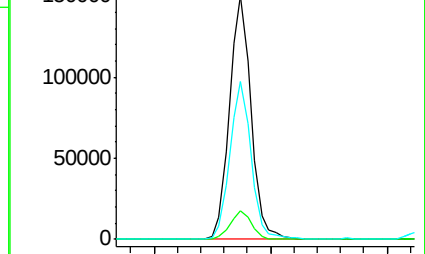
4/23/2018 1:27:45 PM



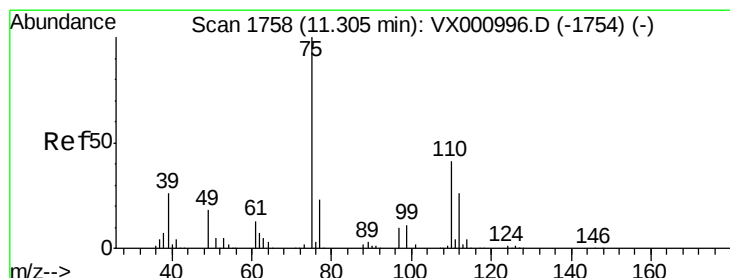
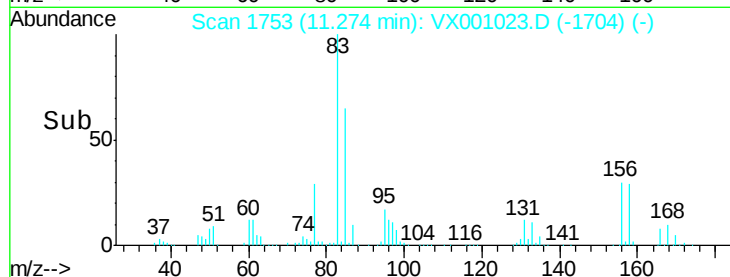
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 49.33 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001023.D

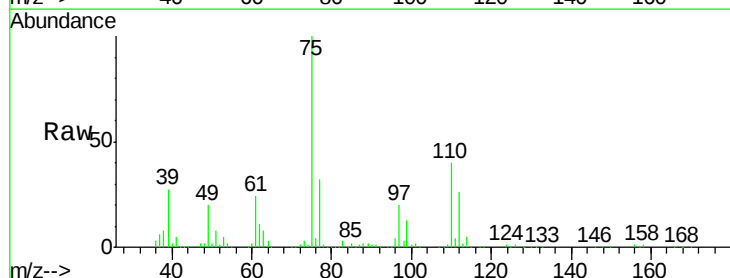
Acq: 20 Apr 2018 21:48

Tgt Ion: 75 Resp: 179090

Ion Ratio Lower Upper

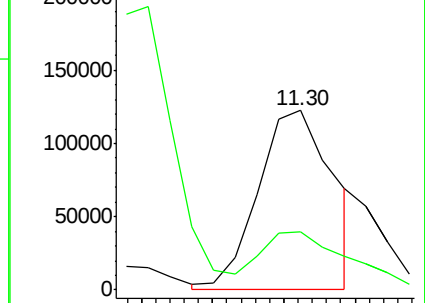
75 100

77 38.2 19.6 58.7

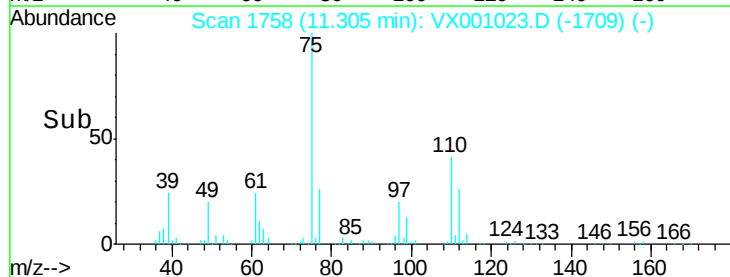


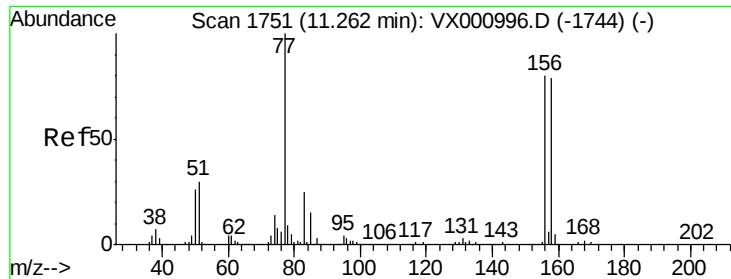
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#77

Bromobenzene

Concen: 48.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

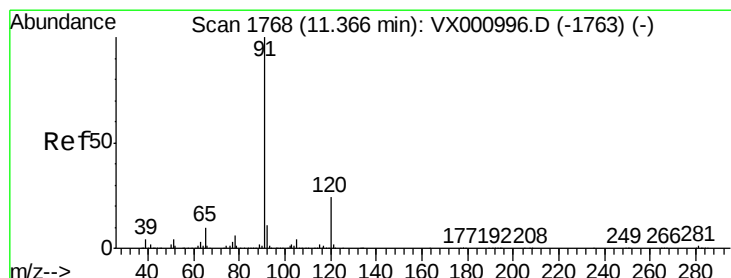
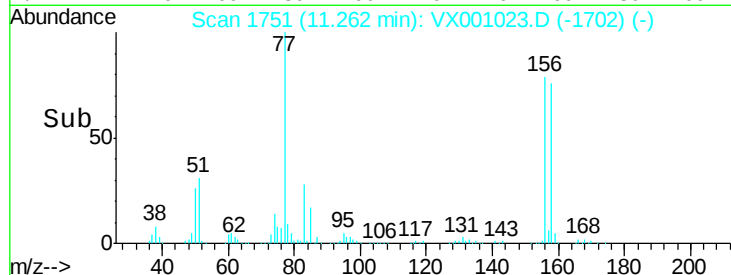
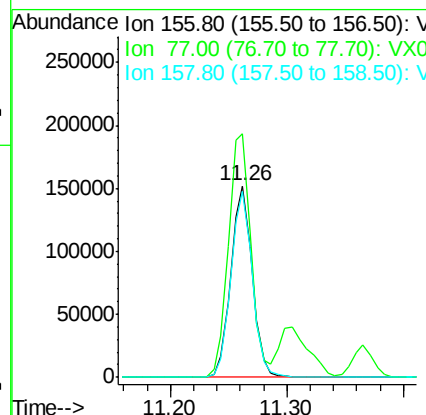
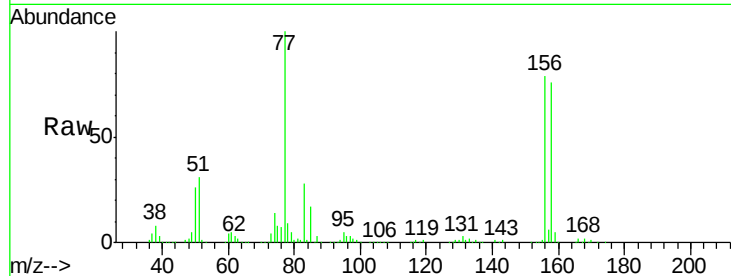
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	193751
Ion Ratio	Lower	Upper	
156	100		
77	134.0	66.3	199.0
158	97.4	48.9	146.6

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#78

n-propylbenzene

Concen: 48.64 ug/l

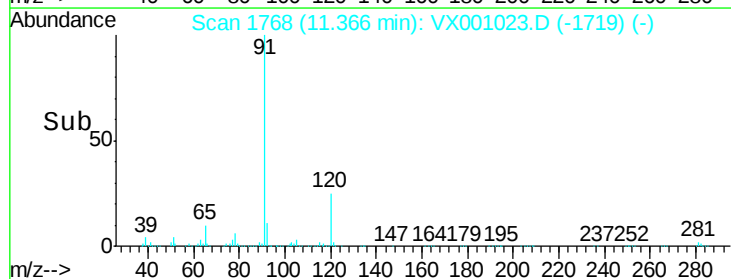
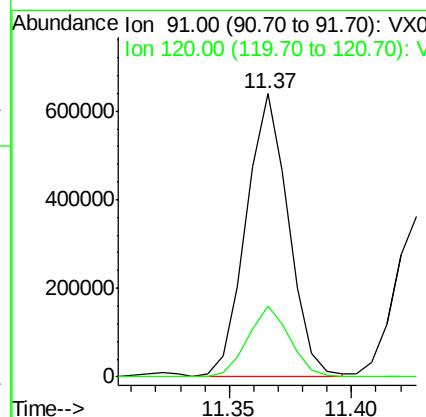
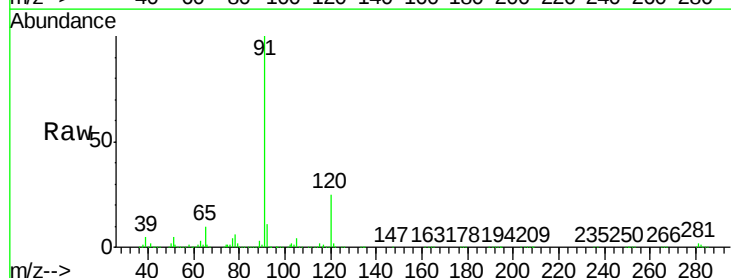
RT: 11.37 min Scan# 1768

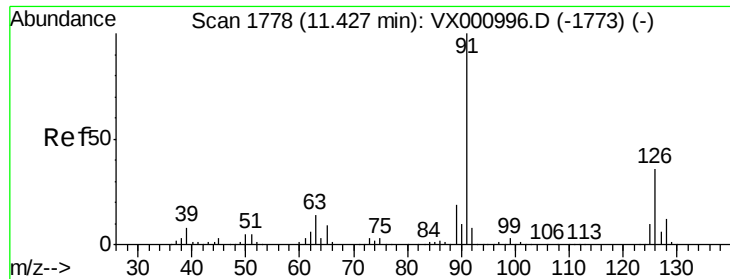
Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion:	91	Resp:	763910
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.4	37.0





#79

2-Chlorotoluene

Concen: 48.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 452471

Ion Ratio Lower Upper

91 100

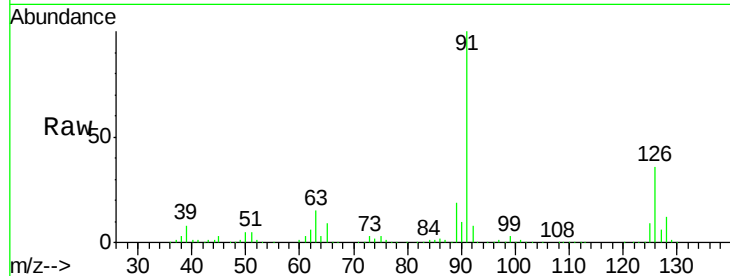
126 36.3 18.3 54.9

Manual Integrations

APPROVED

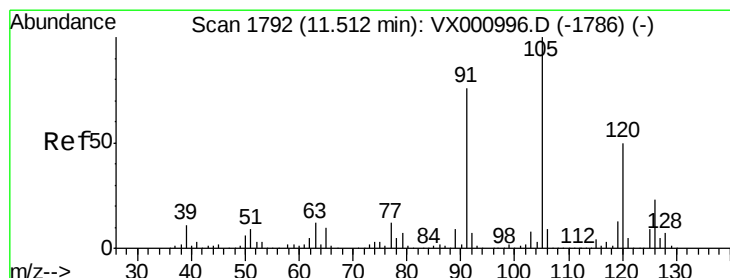
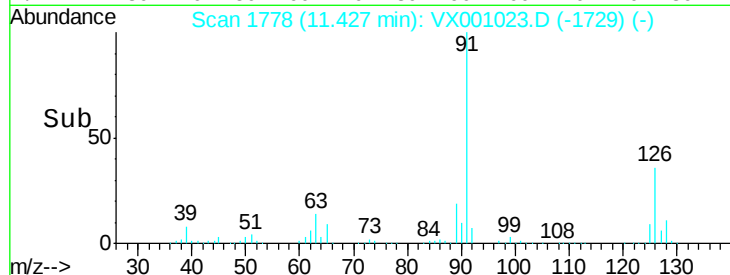
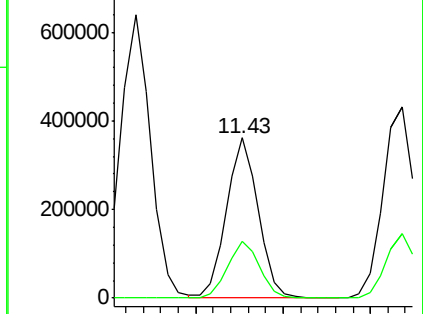
MMDadoda

4/23/2018 1:27:45 PM



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001023.D

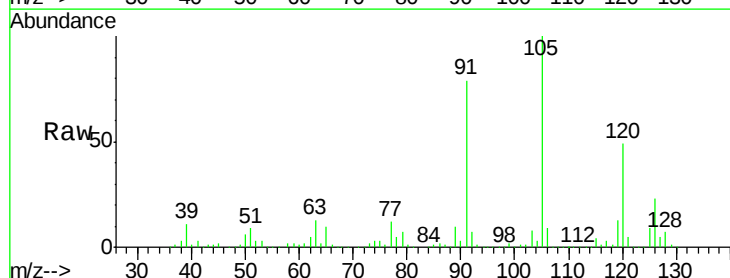
Acq: 20 Apr 2018 21:48

Tgt Ion: 105 Resp: 573562

Ion Ratio Lower Upper

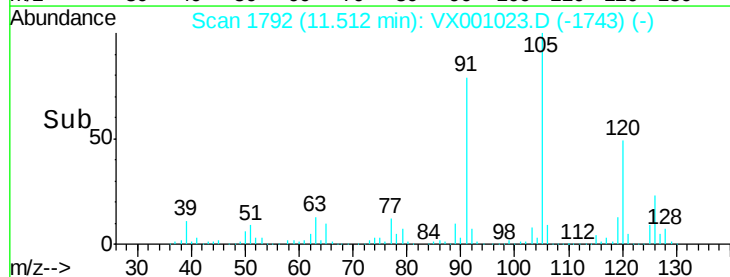
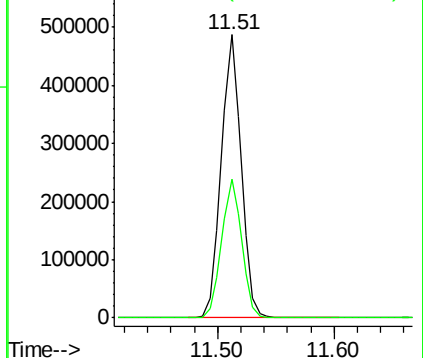
105 100

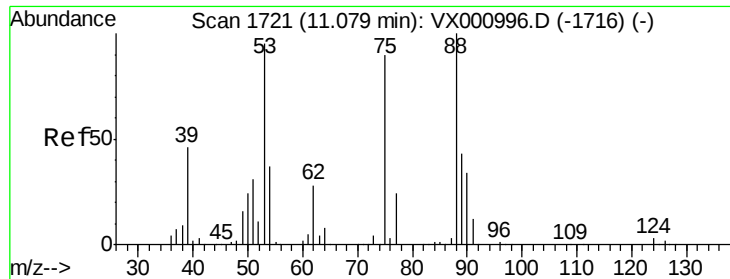
120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)





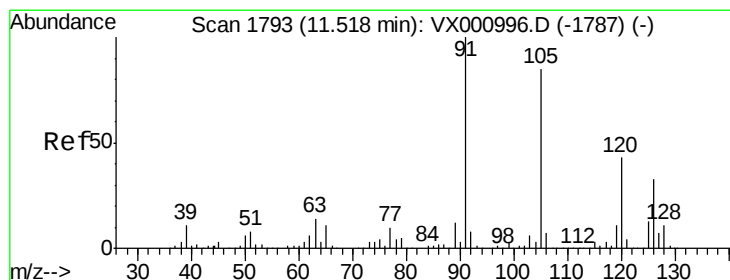
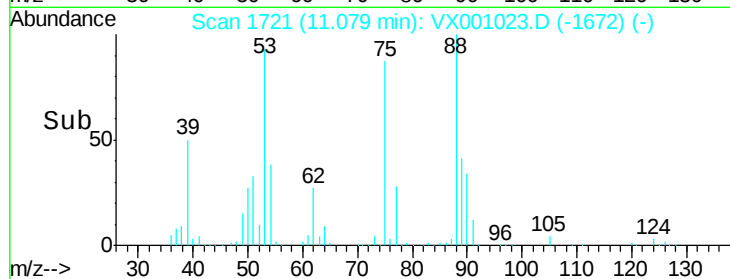
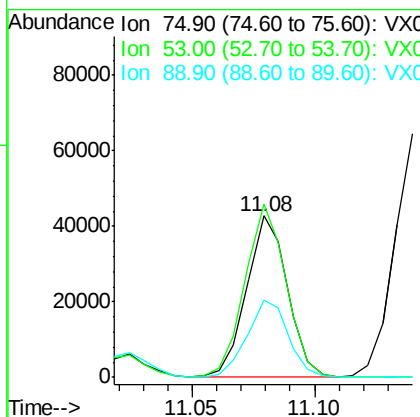
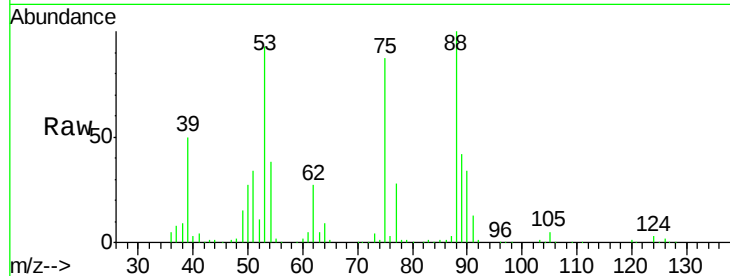
#81
trans-1,4-Dichloro-2-butene
Concen: 42.45 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49602
Ion Ratio Lower Upper
75 100
53 108.0 83.4 125.2
89 48.8 39.7 59.5

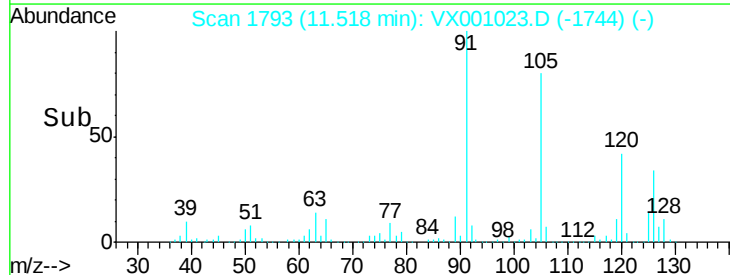
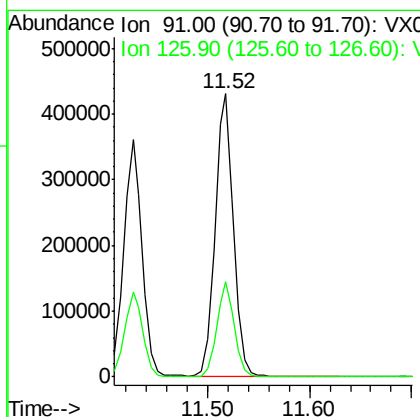
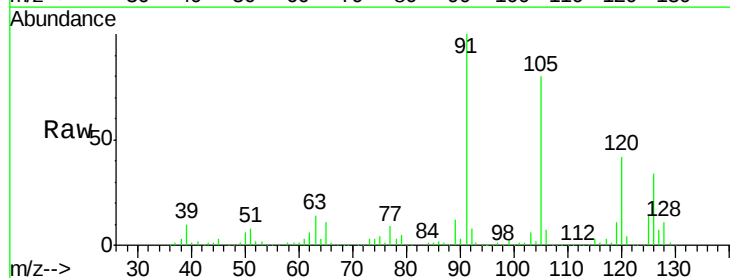
Manual Integrations
APPROVED

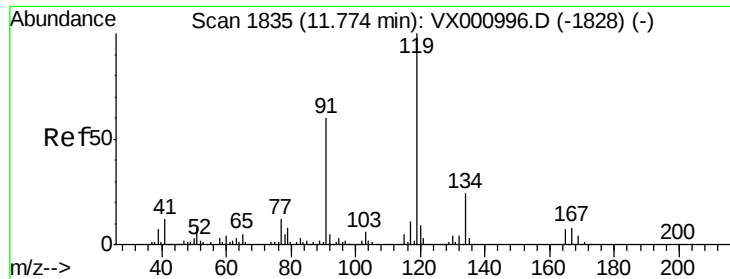
MMDadoda
4/23/2018 1:27:45 PM



#82
4-Chlorotoluene
Concen: 48.50 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion: 91 Resp: 543866
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.5





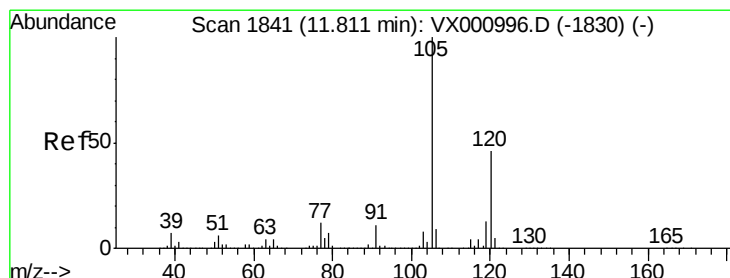
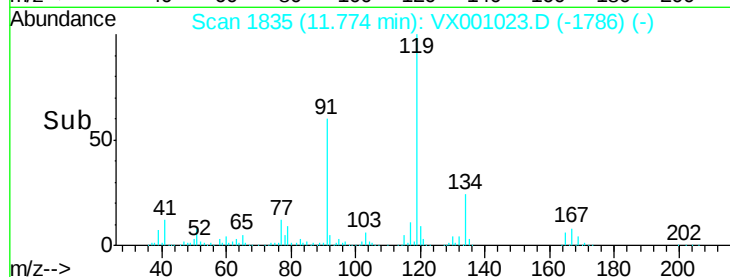
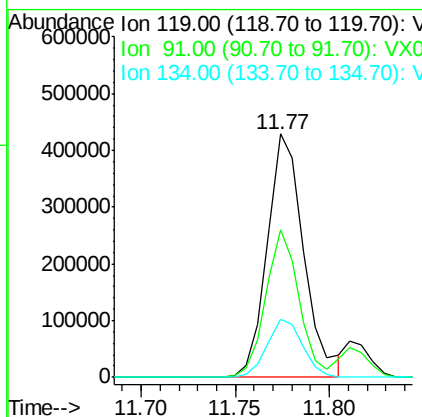
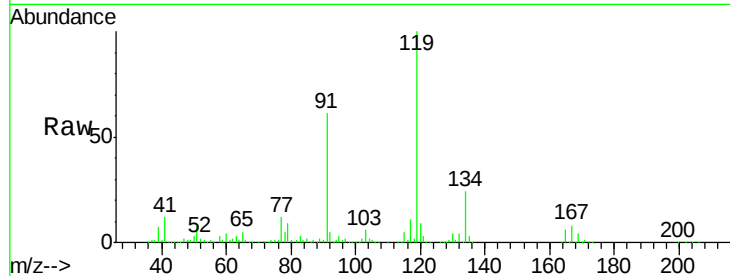
#83
 tert-Butylbenzene
 Concen: 49.37 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	577523		
91	54.9	27.0	81.0	
134	23.2	11.6	34.7	

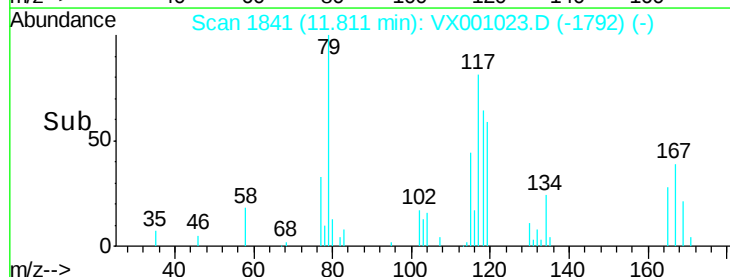
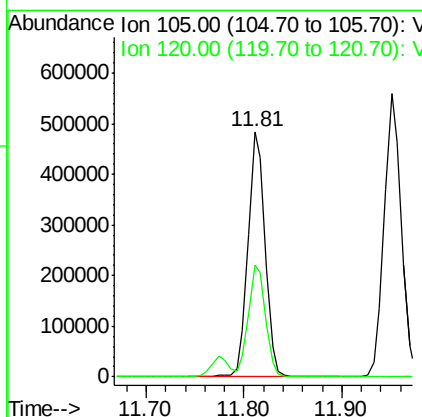
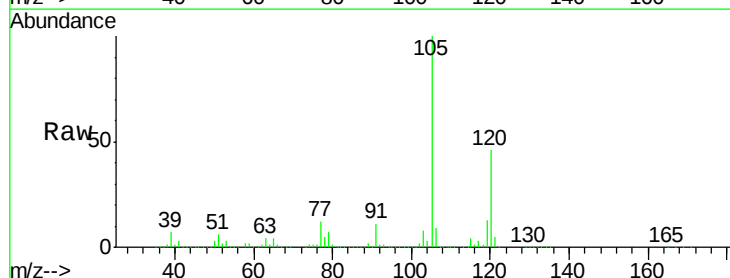
Manual Integrations
 APPROVED

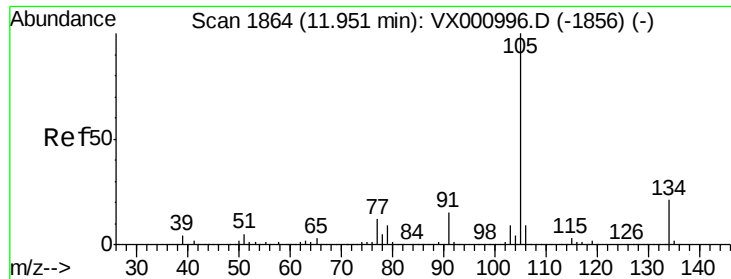
MMDadoda
 4/23/2018 1:27:45 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.25 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	587701		
120	45.7	23.0	69.0	





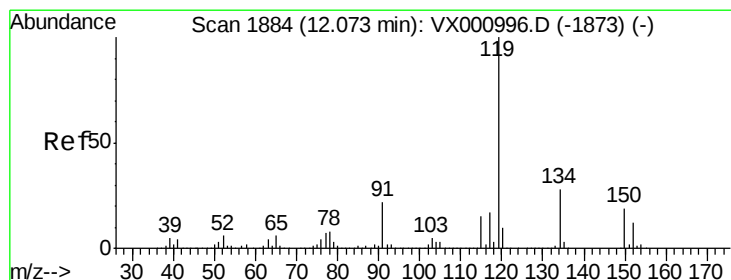
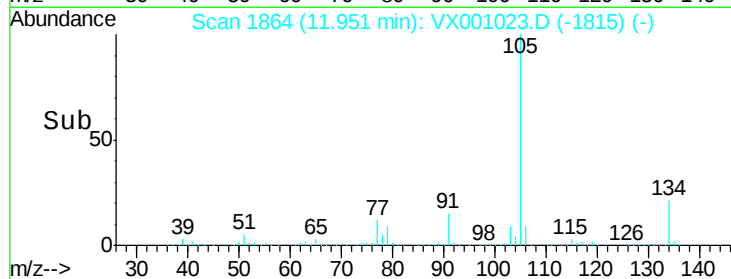
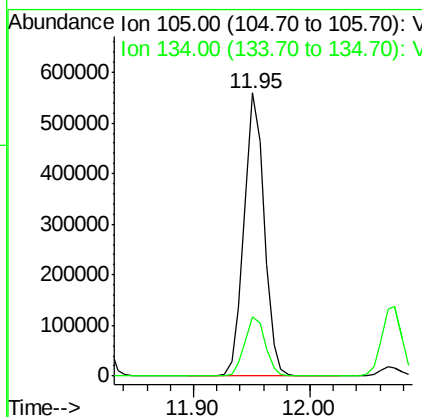
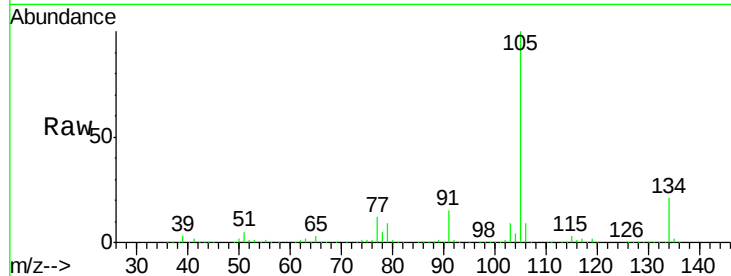
#85
 sec-Butylbenzene
 Concen: 48.83 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 681884
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.6

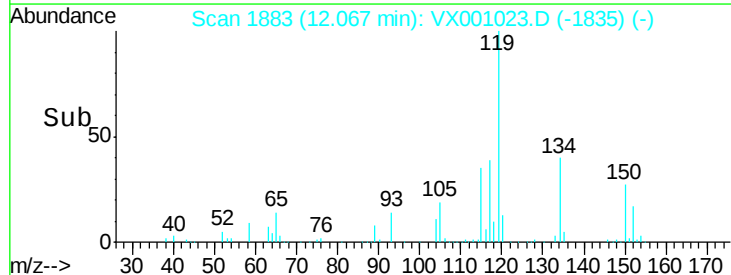
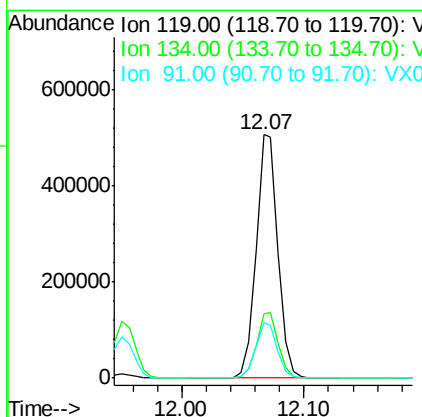
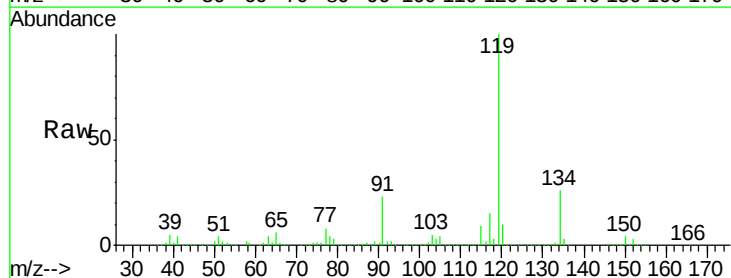
Manual Integrations
 APPROVED

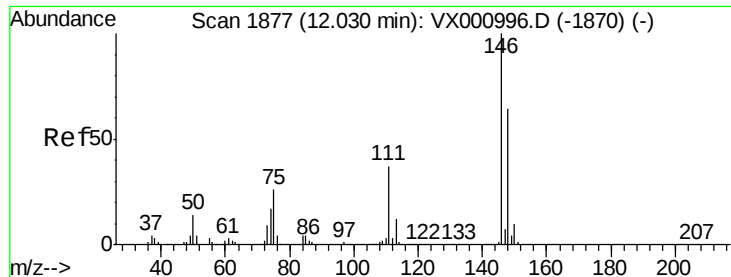
MMDadoda
 4/23/2018 1:27:45 PM



#86
 p-Isopropyltoluene
 Concen: 48.69 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion:119 Resp: 628907
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.15 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Instrument :

MSVOA_X

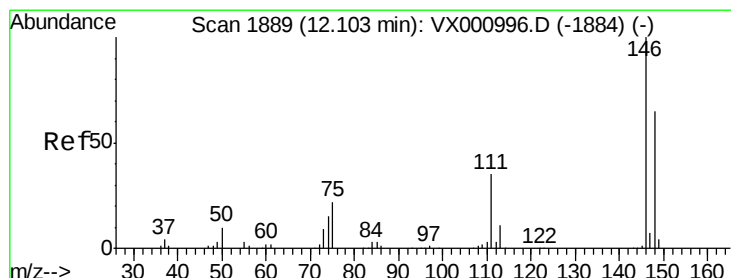
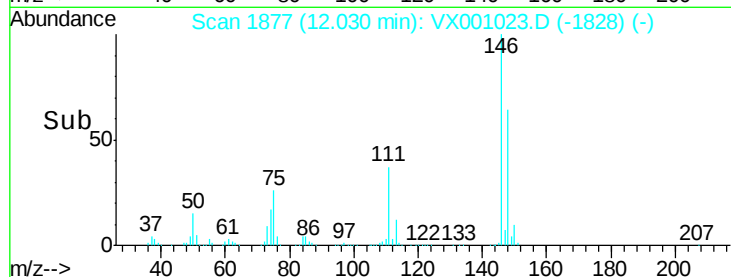
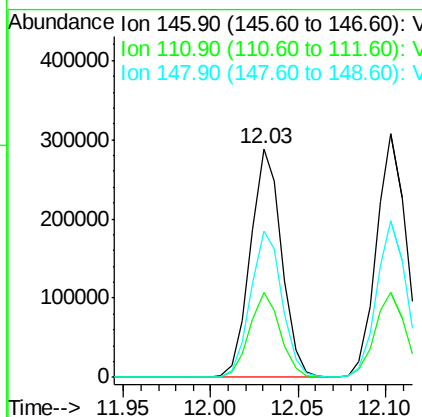
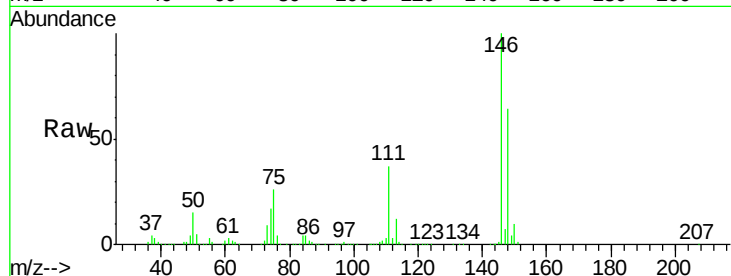
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	357959
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.3	54.8
148	64.5	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#88

1,4-Dichlorobenzene

Concen: 47.74 ug/l

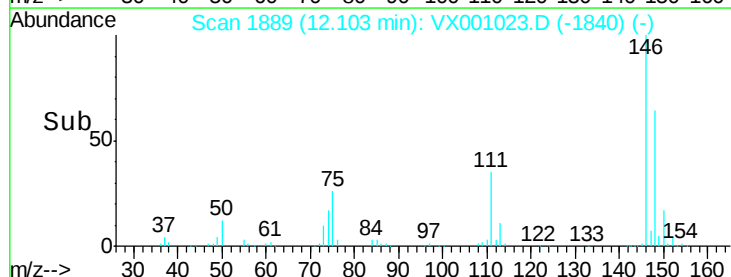
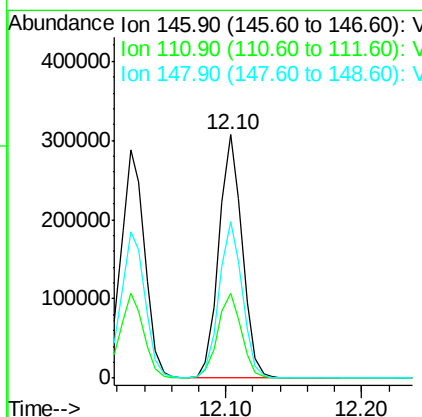
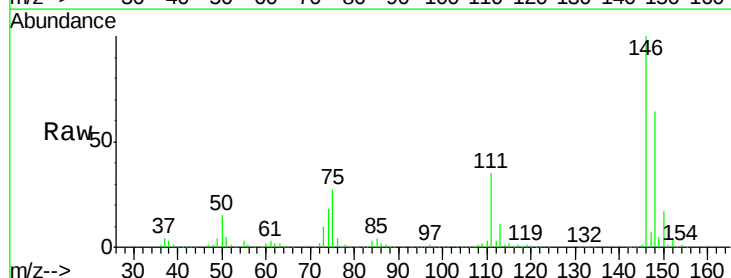
RT: 12.10 min Scan# 1889

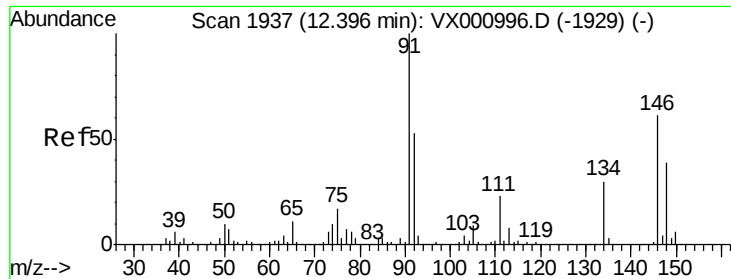
Delta R.T. -0.00 min

Lab File: VX001023.D

Acq: 20 Apr 2018 21:48

Tgt Ion:	146	Resp:	364254
Ion Ratio	Lower	Upper	
146	100		
111	35.6	18.0	54.0
148	64.2	32.4	97.0





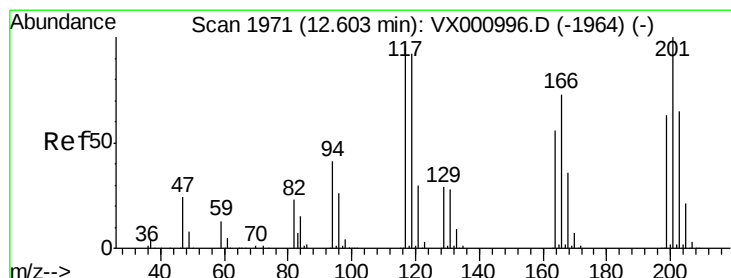
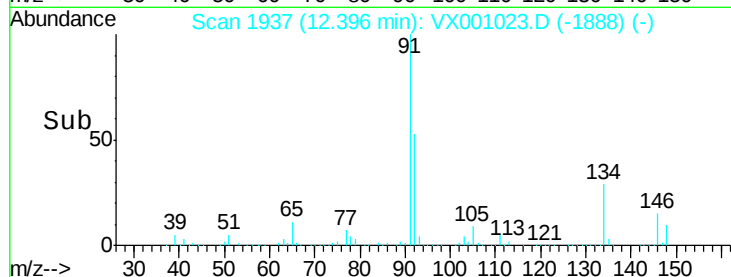
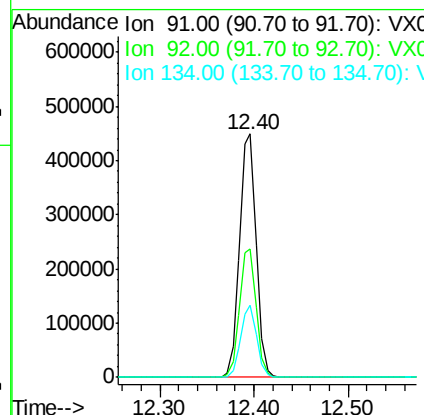
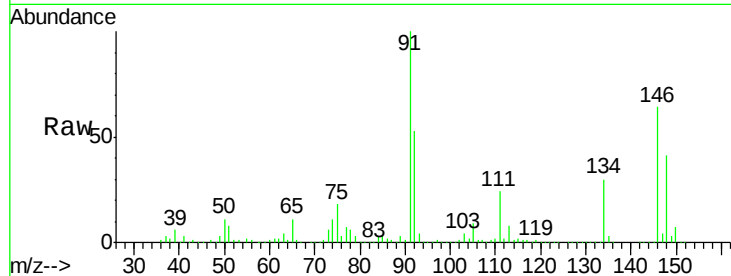
#89
n-Butylbenzene
Concen: 47.61 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.3	78.9
134	28.4	14.4	43.0

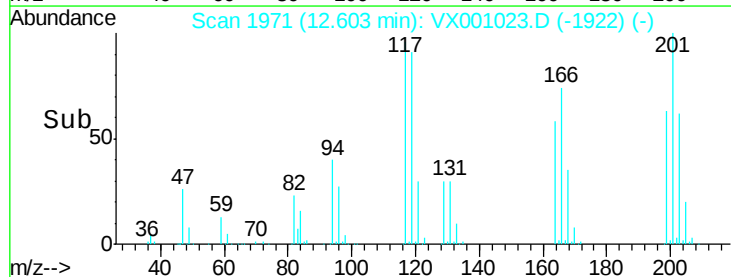
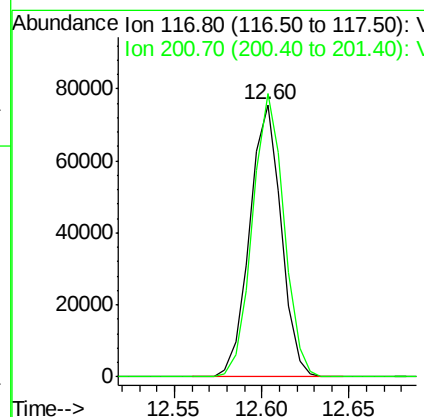
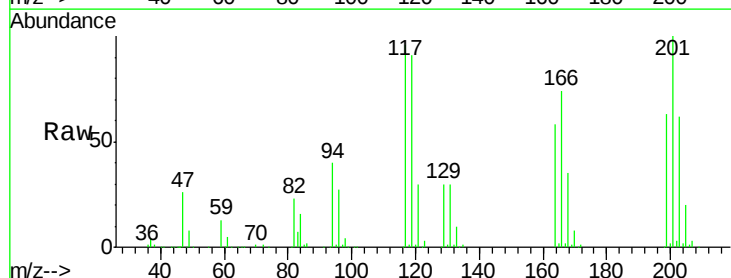
Manual Integrations
APPROVED

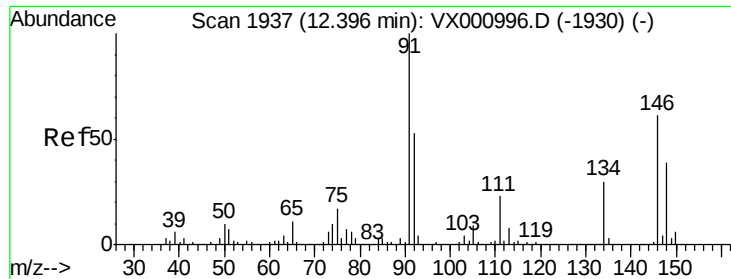
MMDadoda
4/23/2018 1:27:45 PM



#90
Hexachloroethane
Concen: 51.61 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.9	52.3	157.1





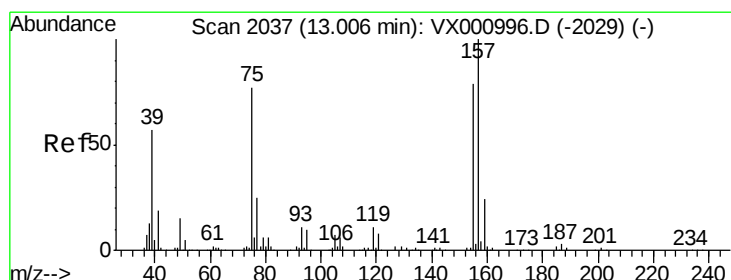
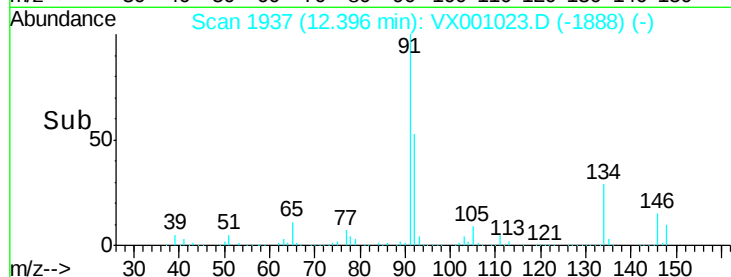
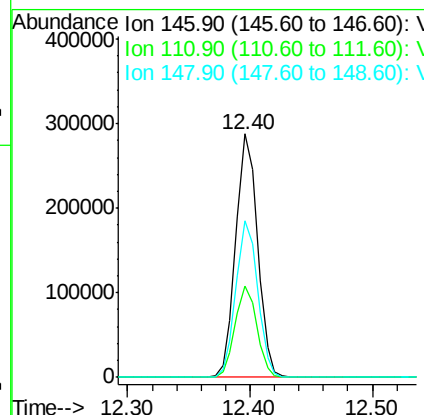
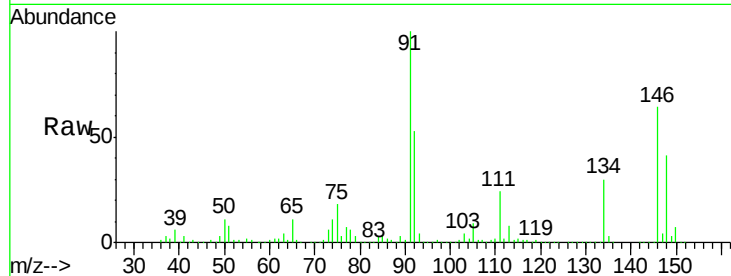
#91
 1,2-Dichlorobenzene
 Concen: 49.12 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	353493		
111	37.4	18.6	56.0	
148	64.2	32.3	96.8	

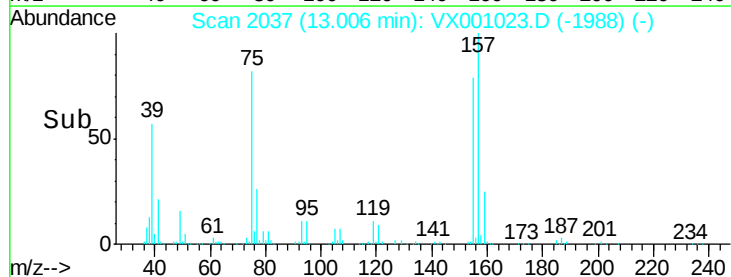
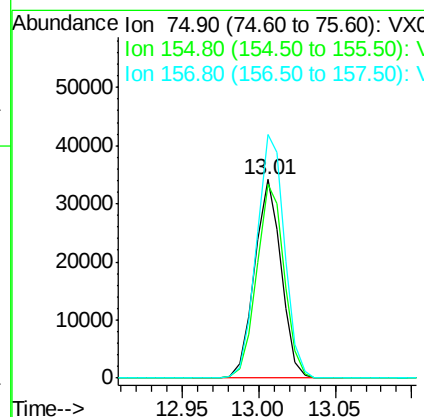
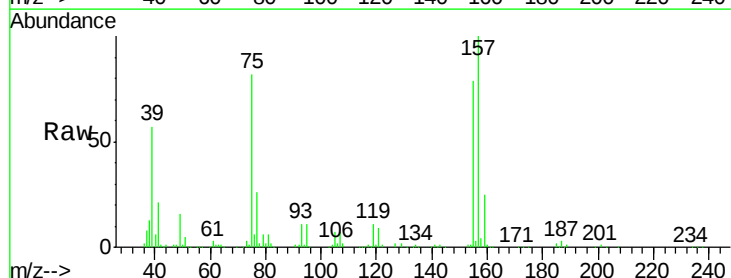
Manual Integrations
 APPROVED

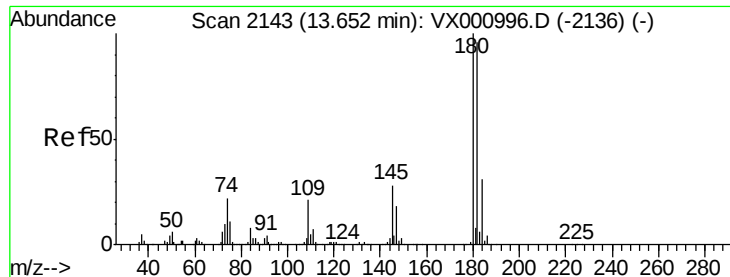
MMDadoda
 4/23/2018 1:27:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.88 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41276		
155	100.7	51.0	153.0	
157	129.0	64.9	194.7	





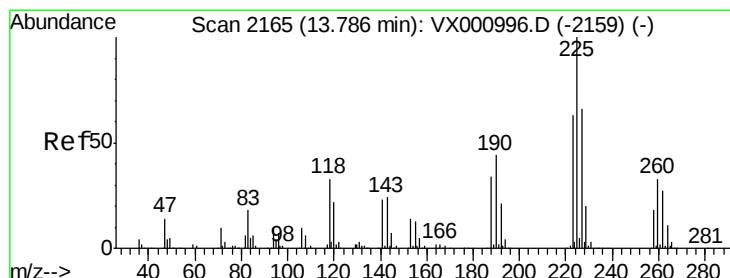
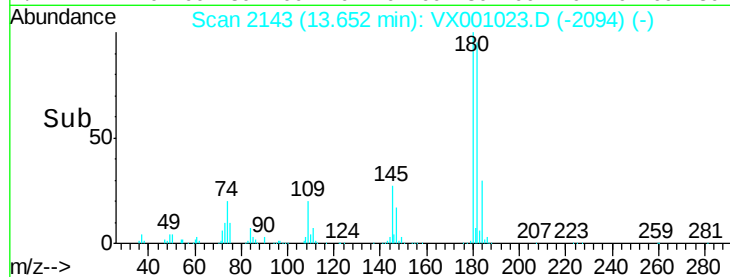
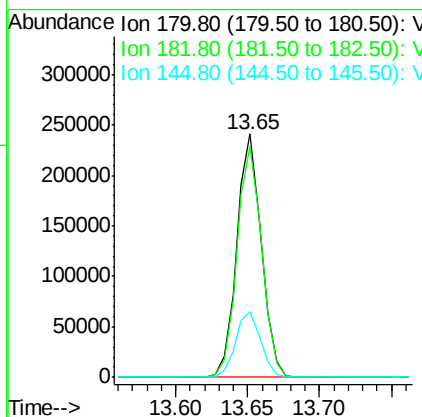
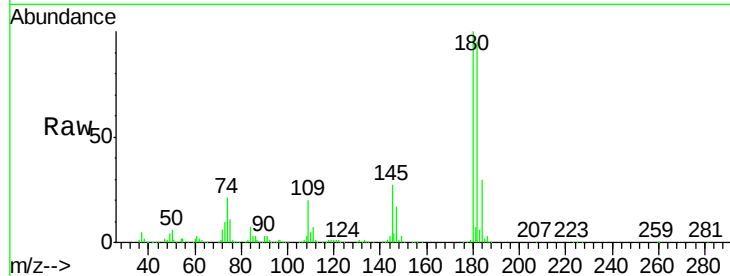
#93
 1,2,4-Trichlorobenzene
 Concen: 47.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	284548		
182	96.1	48.0	144.0	
145	28.0	13.9	41.7	

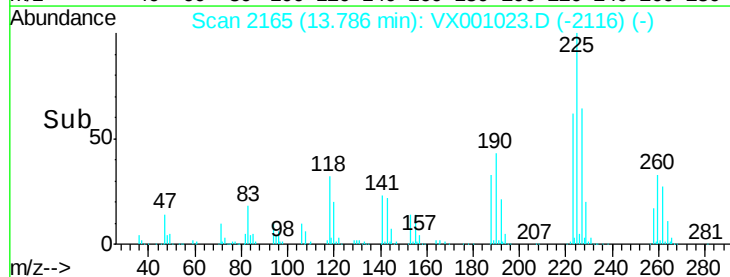
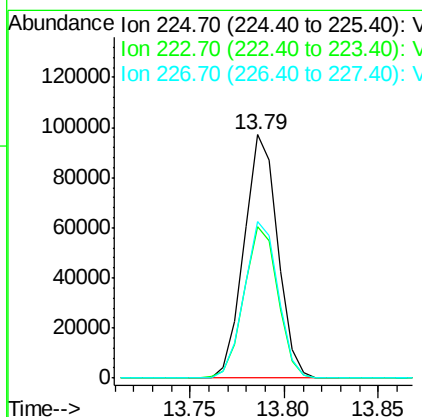
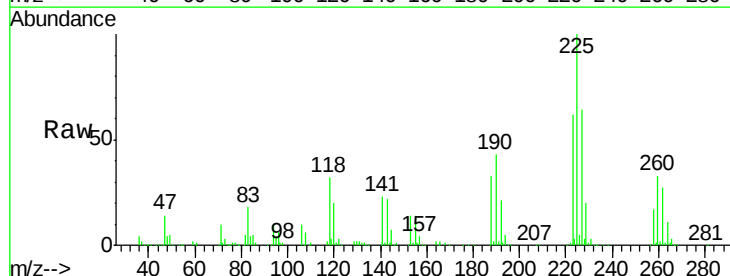
Manual Integrations
 APPROVED

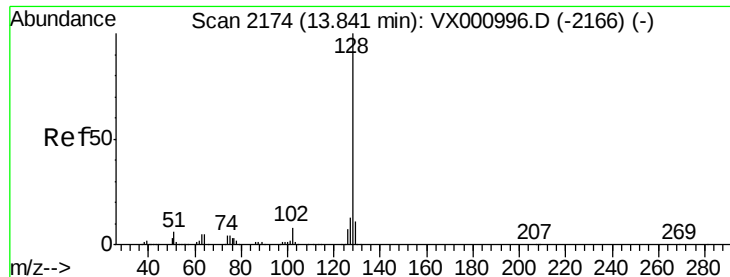
MMDadoda
 4/23/2018 1:27:45 PM



#94
 Hexachlorobutadiene
 Concen: 43.93 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001023.D
 Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120089		
223	62.4	31.5	94.5	
227	64.7	32.6	97.8	





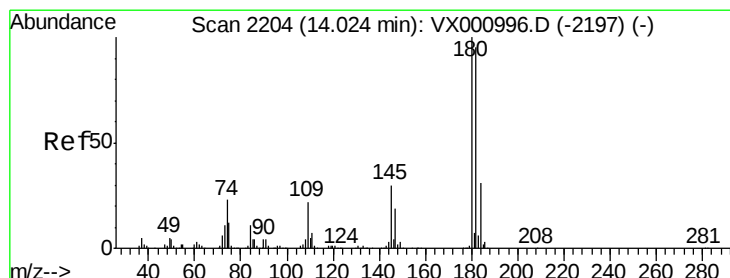
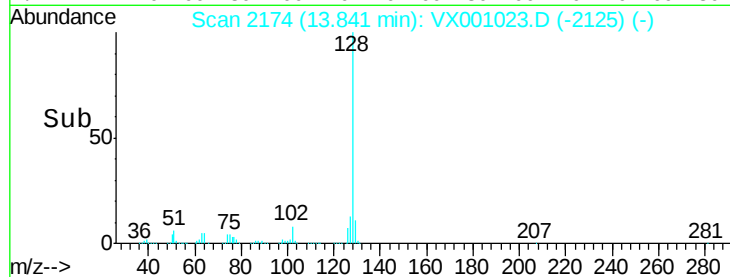
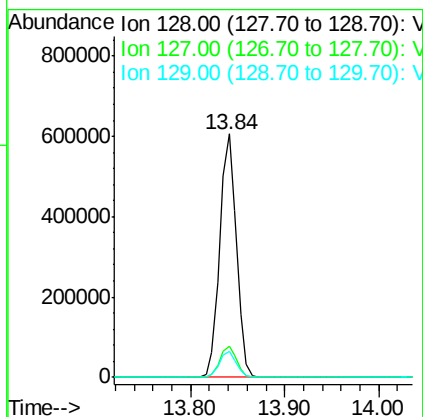
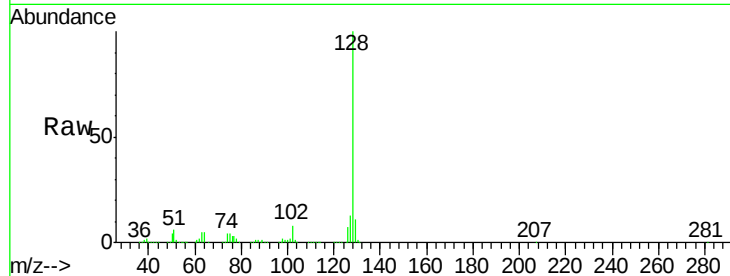
#95
Naphthalene
Concen: 49.85 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	740595		
127	13.0		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.46 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001023.D
Acq: 20 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	277337		
182	96.1		47.9	143.7
145	29.1		14.5	43.6

