

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002691.D
 Acq On : 18 Jun 2018 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:45 PM

Quant Time: Jun 19 05:56:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156859	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.51	113	127259	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	8.72	98	474015	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	181078	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98109	42.158	ug/l	98
3) Chloromethane	1.32	50	106672	38.534	ug/l	99
4) Vinyl Chloride	1.40	62	120624	41.991	ug/l	98
5) Bromomethane	1.64	94	60739	35.043	ug/l	100
6) Chloroethane	1.71	64	82069	43.345	ug/l	100
7) Trichlorofluoromethane	1.92	101	224518	48.107	ug/l	95
8) Diethyl Ether	2.19	74	81287	45.792	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	126074	48.327	ug/l	99
10) Methyl Iodide	2.51	142	95714	29.551	ug/l	99
11) Tert butyl alcohol	3.09	59	169430	246.034	ug/l	98
12) 1,1-Dichloroethene	2.37	96	110161	44.975	ug/l	96
13) Acrolein	2.30	56	48737	153.683	ug/l	98
14) Allyl chloride	2.73	41	221982	45.644	ug/l	99
15) Acrylonitrile	3.15	53	369634	245.975	ug/l	100
16) Acetone	2.45	43	350240	238.310	ug/l	100
17) Carbon Disulfide	2.57	76	271751	46.778	ug/l	99
18) Methyl Acetate	2.78	43	201684	51.510	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430642	46.867	ug/l	99
20) Methylene Chloride	2.86	84	127470	42.301	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	118999	44.783	ug/l	96
22) Diisopropyl ether	3.88	45	448120	50.929	ug/l	98
23) Vinyl Acetate	3.83	43	1957478	265.804	ug/l	99
24) 1,1-Dichloroethane	3.70	63	238713	49.986	ug/l	99
25) 2-Butanone	4.72	43	503457	260.848	ug/l	99
26) 2,2-Dichloropropane	4.59	77	145455	42.389	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	129233	47.798	ug/l	94
28) Bromochloromethane	5.03	49	108077	48.325	ug/l	96
29) Tetrahydrofuran	5.18	42	325082	256.995	ug/l	97
30) Chloroform	5.22	83	231283	50.222	ug/l	97
31) Cyclohexane	5.57	56	187216	47.614	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	201162	52.228	ug/l	100
36) 1,1-Dichloropropene	5.80	75	162195	49.025	ug/l	99
37) Ethyl Acetate	4.87	43	193881	51.775	ug/l	99
38) Carbon Tetrachloride	5.79	117	178368	54.142	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	193472	50.023	ug/l	99
40) Benzene	6.15	78	484350	48.824	ug/l	99
41) Methacrylonitrile	5.07	41	109931	51.994	ug/l	98
42) 1,2-Dichloroethane	6.21	62	193895	50.484	ug/l	100
43) Isopropyl Acetate	6.48	43	315997	50.933	ug/l	99
44) Trichloroethene	7.22	130	140381	49.027	ug/l	100
45) 1,2-Dichloropropane	7.52	63	127891	48.984	ug/l	99
46) Dibromomethane	7.67	93	90111	51.596	ug/l	98
47) Bromodichloromethane	7.90	83	169975	55.180	ug/l	98
48) Methyl methacrylate	7.79	41	163588	51.597	ug/l	98
49) 1,4-Dioxane	7.76	88	65731	1094.772	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1059156	265.882	ug/l	99
52) Toluene	8.79	92	316317	49.986	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	192185	47.270	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	180144	46.549	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	133012	52.019	ug/l	98
56) Ethyl methacrylate	9.19	69	204030	51.850	ug/l	98
57) 1,3-Dichloropropane	9.38	76	216056	49.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	470696	247.311	ug/l	98
59) 2-Hexanone	9.50	43	819201	272.907	ug/l	98
60) Dibromochloromethane	9.59	129	143699	49.962	ug/l	98
61) 1,2-Dibromoethane	9.68	107	141363	53.380	ug/l	100
64) Tetrachloroethene	9.34	164	157030	47.452	ug/l	99
65) Chlorobenzene	10.14	112	366771	50.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	138874	55.638	ug/l	99
67) Ethyl Benzene	10.26	91	630077	51.023	ug/l	100
68) m/p-Xylenes	10.37	106	488198	102.487	ug/l	100
69) o-Xylene	10.70	106	239222	51.114	ug/l	99
70) Styrene	10.71	104	403680	52.448	ug/l	99
71) Bromoform	10.86	173	112522	49.564	ug/l	100
73) Isopropylbenzene	11.02	105	661086	50.896	ug/l	99
74) N-amyl acetate	6.48	43	315997	48.965	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	204142	53.221	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199117m	54.333	ug/l	
77) Bromobenzene	11.26	156	181279	50.096	ug/l	97
78) n-propylbenzene	11.37	91	752798	50.536	ug/l	100
79) 2-Chlorotoluene	11.43	91	443317	49.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559054	50.930	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49179	43.530	ug/l	97
82) 4-Chlorotoluene	11.51	91	523918	49.923	ug/l	99
83) tert-Butylbenzene	11.77	119	560462	53.000	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	577462	51.555	ug/l	99
85) sec-Butylbenzene	11.95	105	682610	51.914	ug/l	99
86) p-Isopropyltoluene	12.07	119	614239	51.629	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	333254	50.218	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	334617	49.556	ug/l	100
89) n-Butylbenzene	12.39	91	528717	50.376	ug/l	100
90) Hexachloroethane	12.60	117	89265	48.231	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	337970	50.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48198	59.989	ug/l	97

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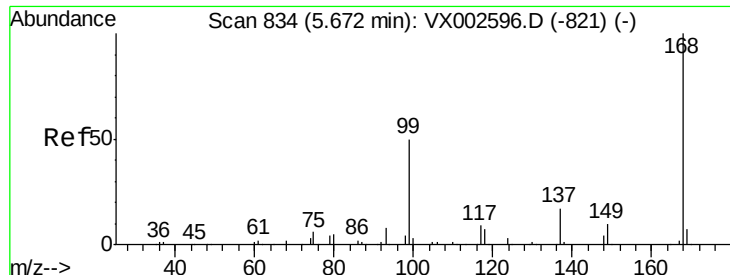
Manual Integrations
APPROVED

MMDadoda
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QLast Update : Sat Jun 16 01:37:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251336	51.849	ug/l	99
94) Hexachlorobutadiene	13.79	225	129073	50.547	ug/l	99
95) Naphthalene	13.84	128	718722	55.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	257013	52.790	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 219211

Ion Ratio Lower Upper

168 100

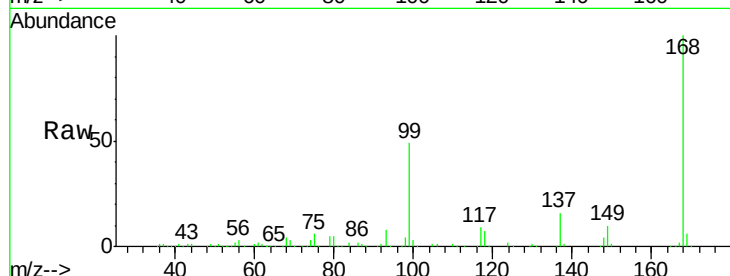
99 48.8 39.3 58.9

Manual Integrations

APPROVED

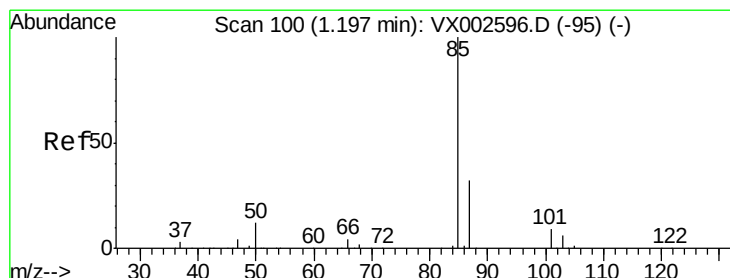
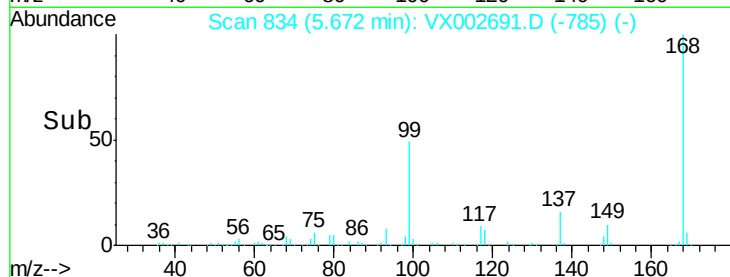
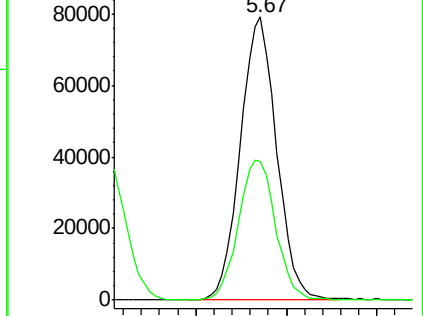
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.158 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002691.D

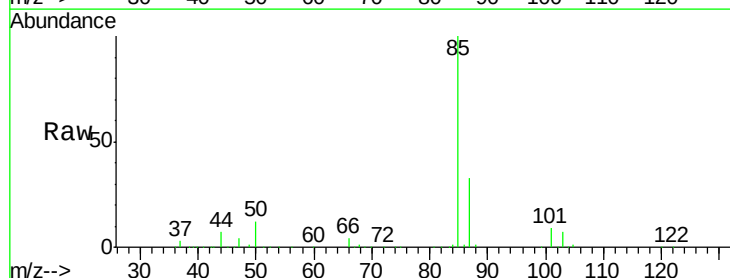
Acq: 18 Jun 2018 21:01

Tgt Ion: 85 Resp: 98109

Ion Ratio Lower Upper

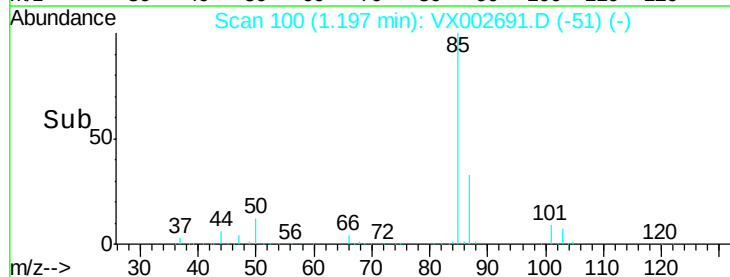
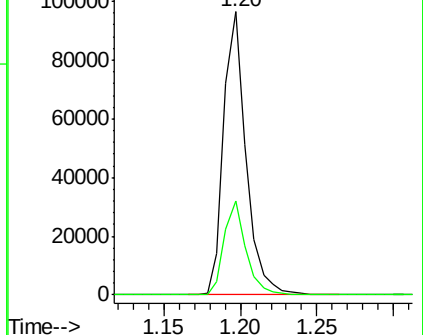
85 100

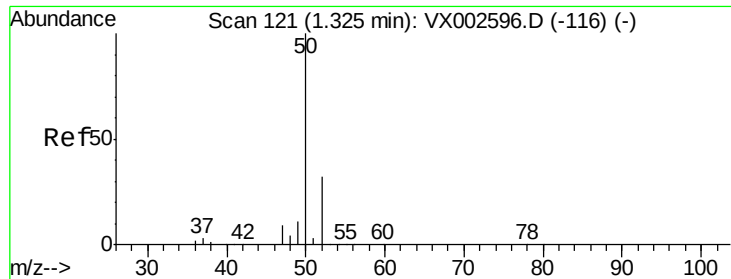
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.534 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 106672

Ion Ratio Lower Upper

50 100

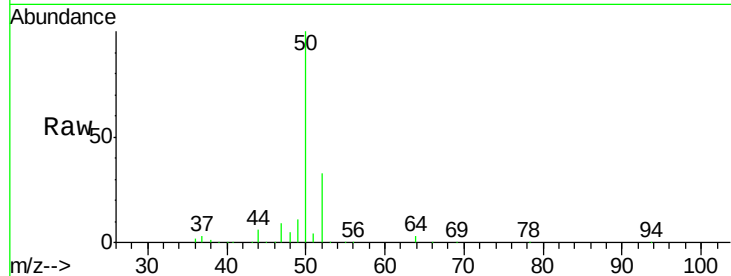
52 32.6 25.7 38.5

Manual Integrations

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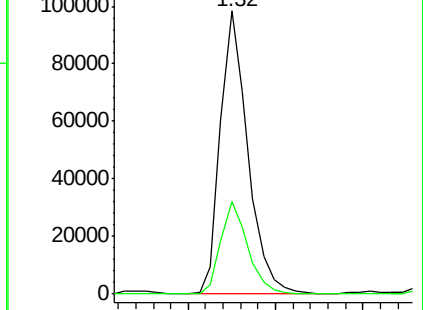
MMDadoda

6/19/2018 1:05:45 PM

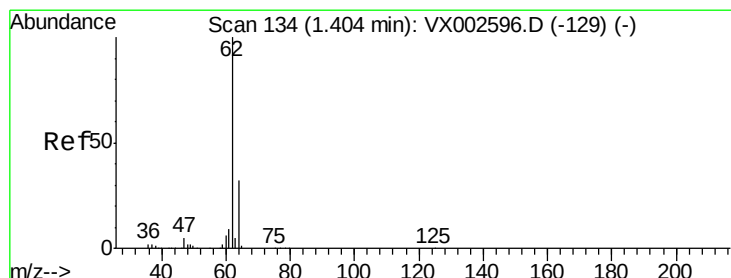
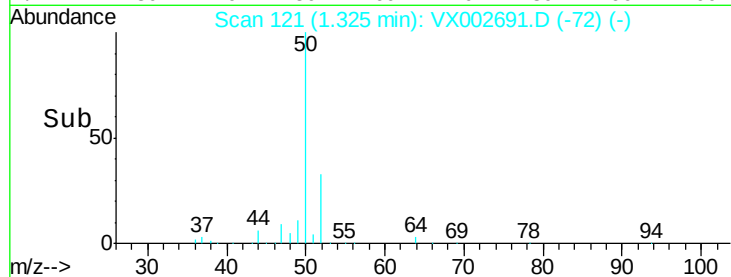


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 41.991 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002691.D

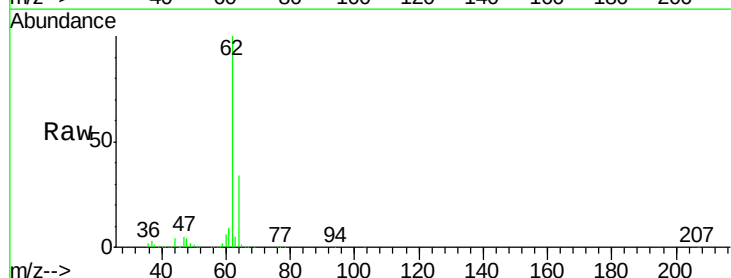
Acq: 18 Jun 2018 21:01

Tgt Ion: 62 Resp: 120624

Ion Ratio Lower Upper

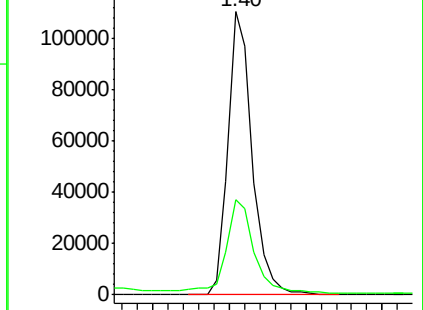
62 100

64 33.0 25.4 38.2

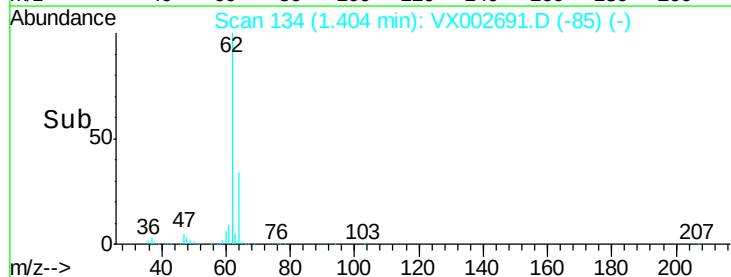


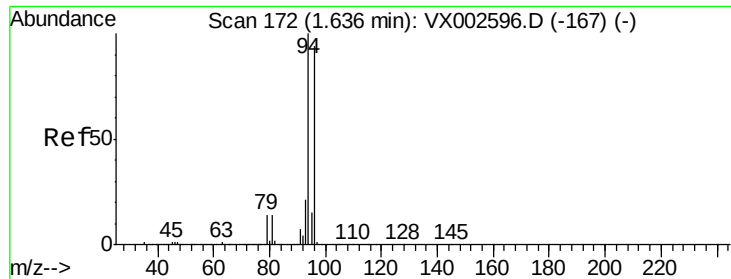
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 35.043 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60739

Ion Ratio Lower Upper

94 100

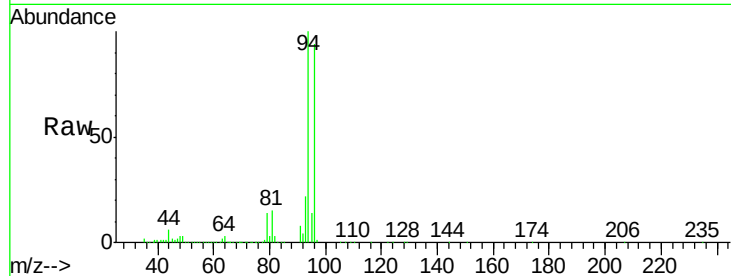
96 93.5 74.9 112.3

Manual Integrations

APPROVED

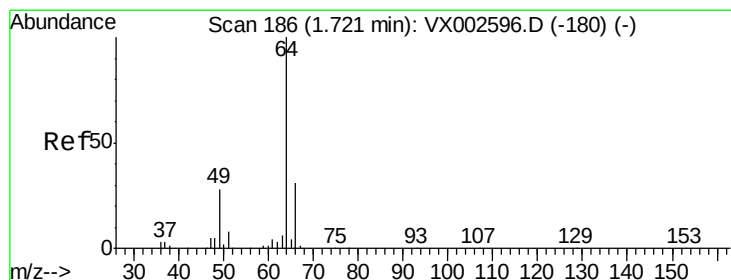
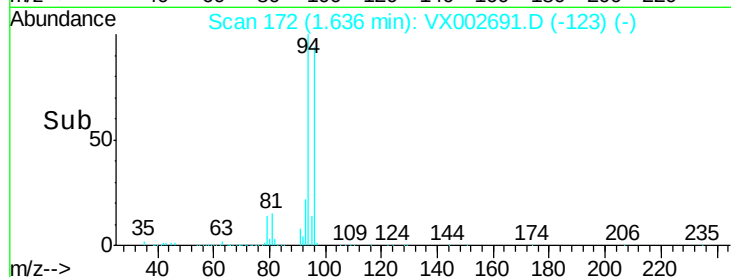
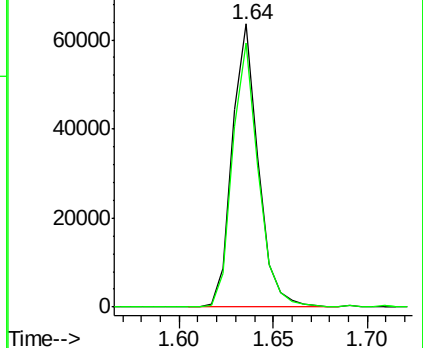
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.345 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002691.D

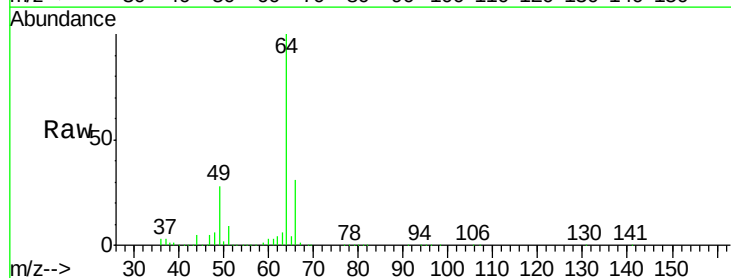
Acq: 18 Jun 2018 21:01

Tgt Ion: 64 Resp: 82069

Ion Ratio Lower Upper

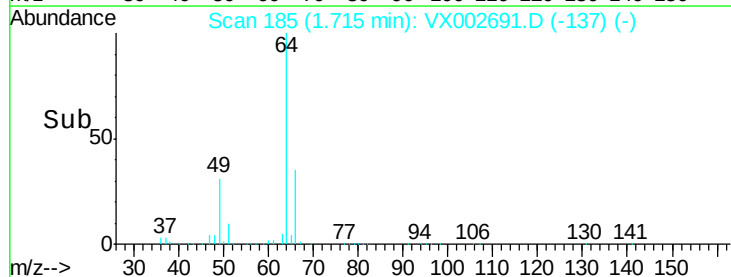
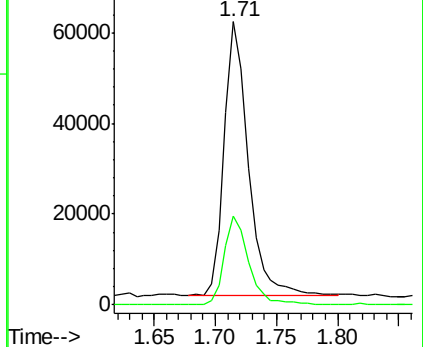
64 100

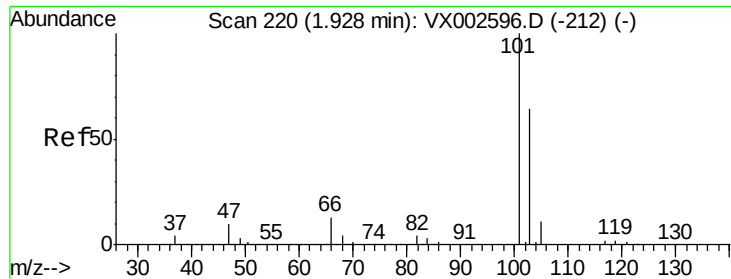
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

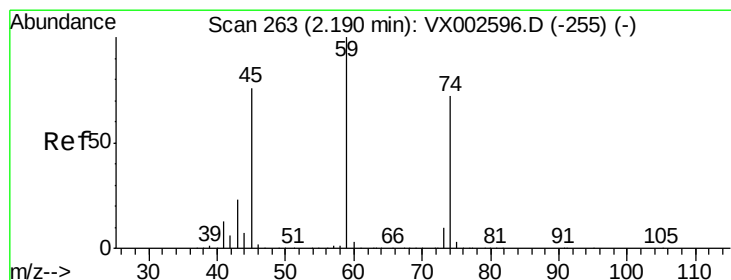
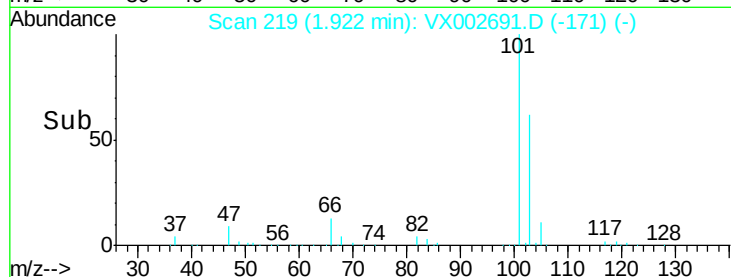
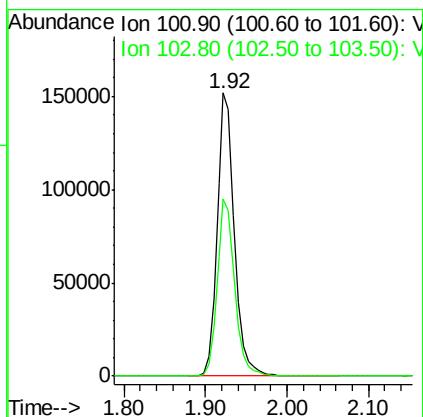
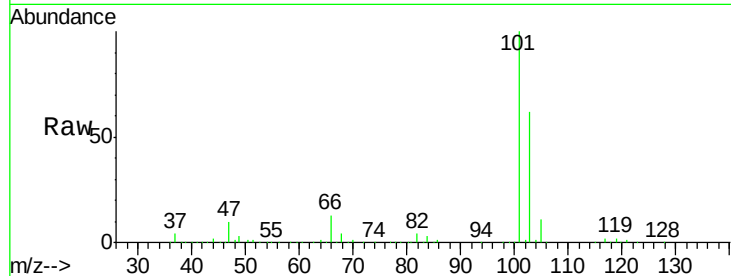
Trichlorofluoromethane
Concen: 48.107 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.8	79.2

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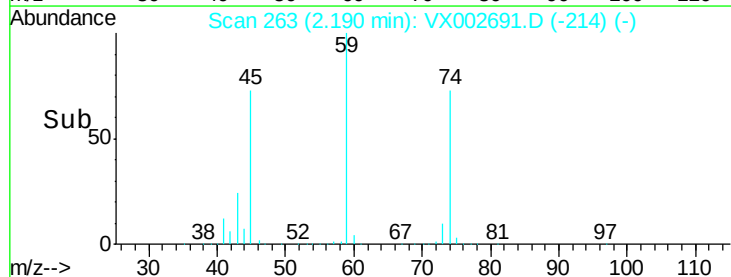
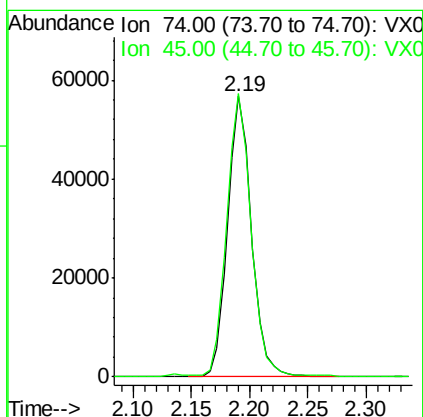
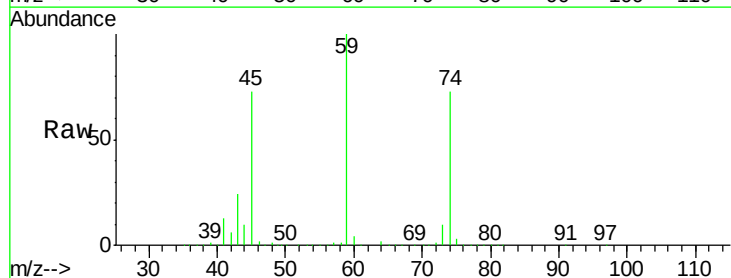
MMDadoda
6/19/2018 1:05:45 PM

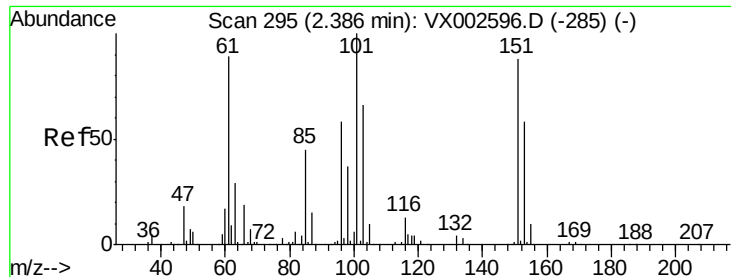


#8

Diethyl Ether
Concen: 45.792 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.327 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

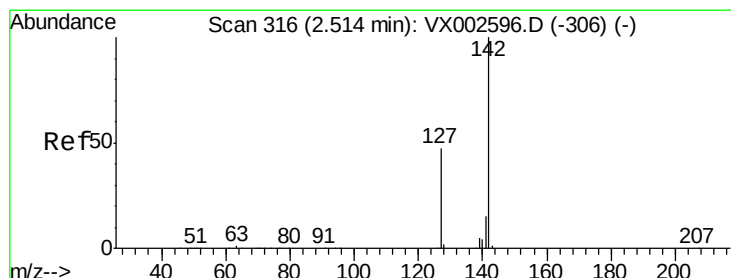
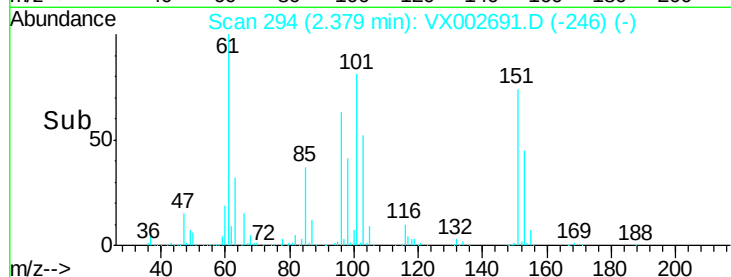
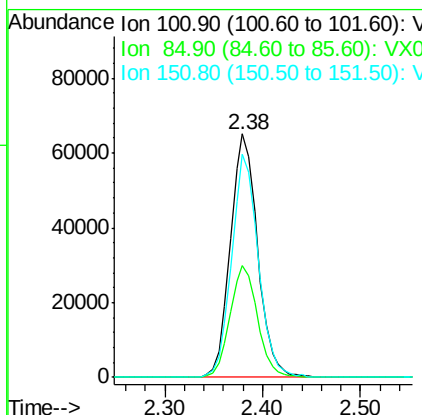
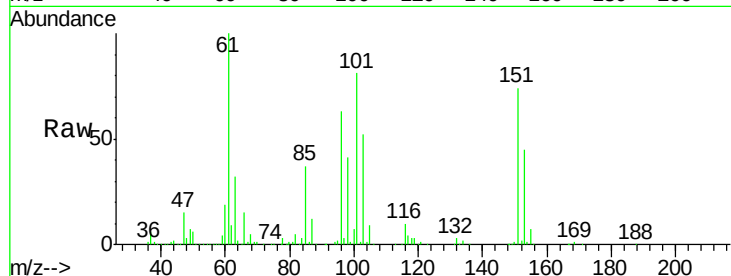
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	126074
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.0	54.0
151	89.8	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 29.551 ug/l

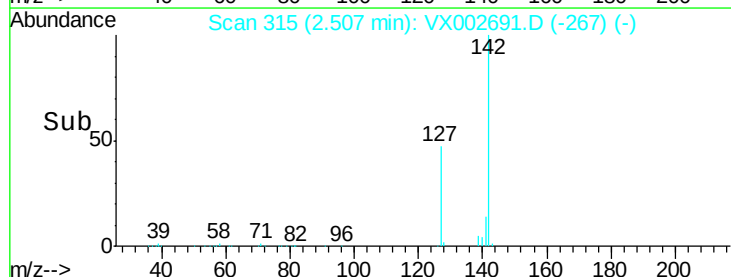
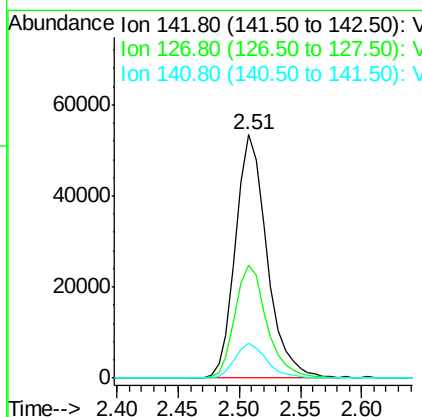
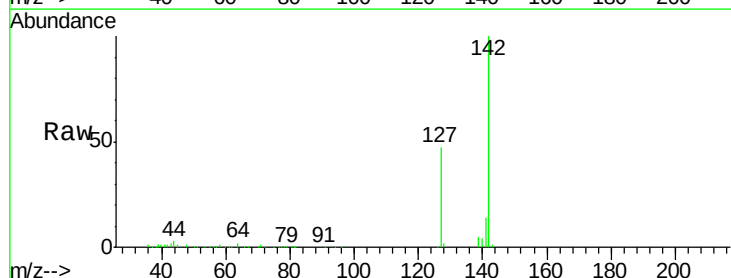
RT: 2.51 min Scan# 315

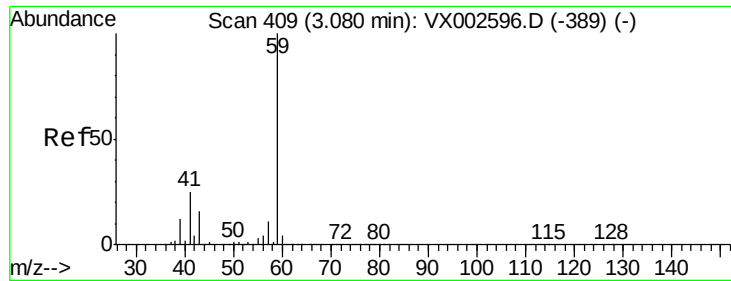
Delta R.T. -0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion:	142	Resp:	95714
Ion Ratio	Lower	Upper	
142	100		
127	46.8	36.6	55.0
141	14.6	11.3	16.9





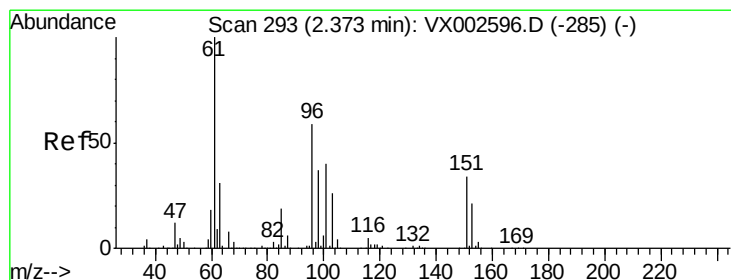
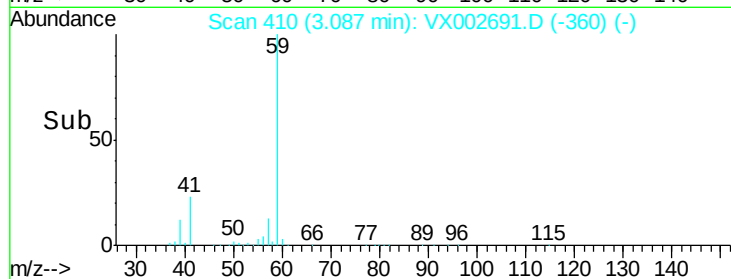
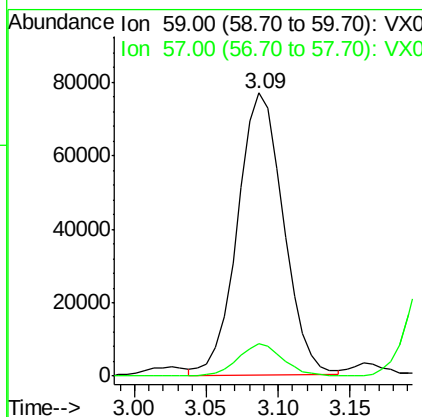
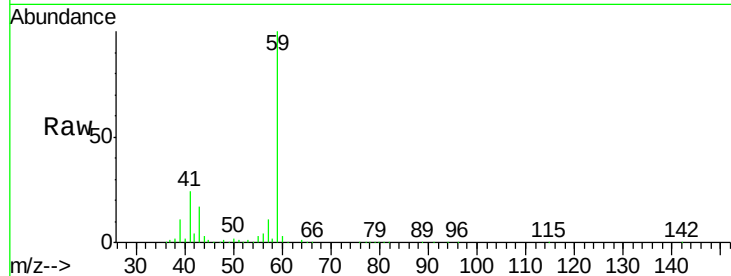
#11
Tert butyl alcohol
Concen: 246.034 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	169430
Ion Ratio	100	Lower	Upper
57	11.1	8.2	12.2

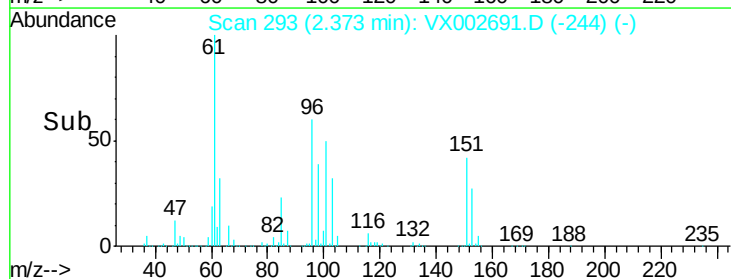
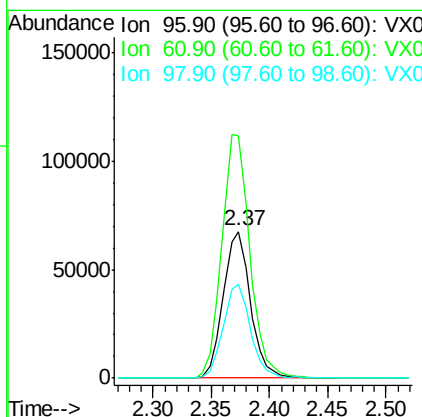
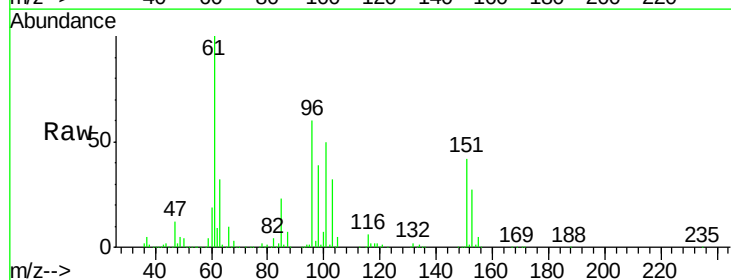
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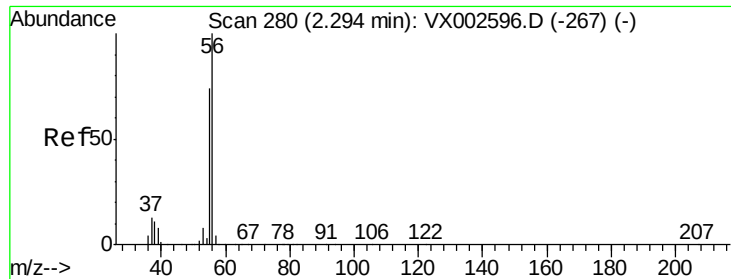
MMDadoda
6/19/2018 1:05:45 PM



#12
1,1-Dichloroethene
Concen: 44.975 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	96	Resp	110161
Ion Ratio	100	Lower	Upper
61	165.7	137.9	206.9
98	64.4	51.6	77.4





#13

Acrolein

Concen: 153.683 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 48737

Ion Ratio Lower Upper

56 100

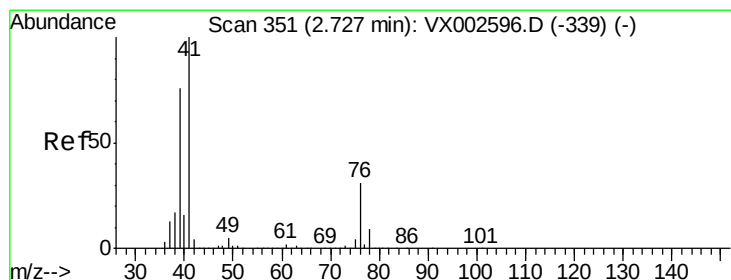
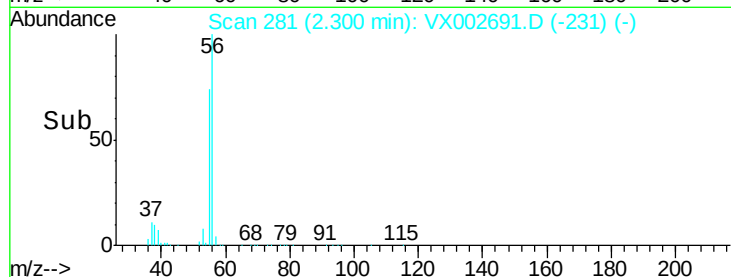
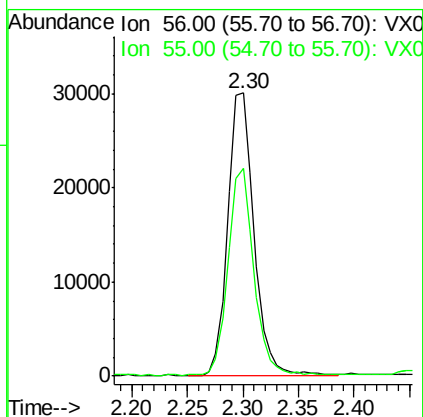
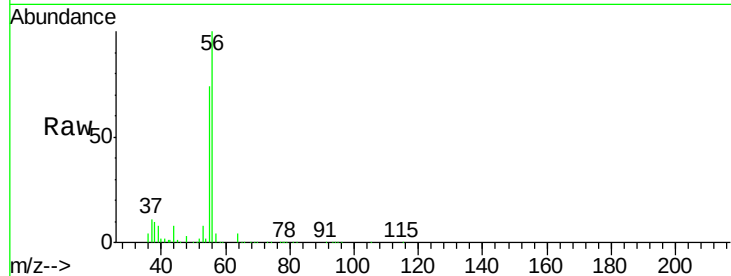
55 72.6 57.0 85.4

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#14

Allyl chloride

Concen: 45.644 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

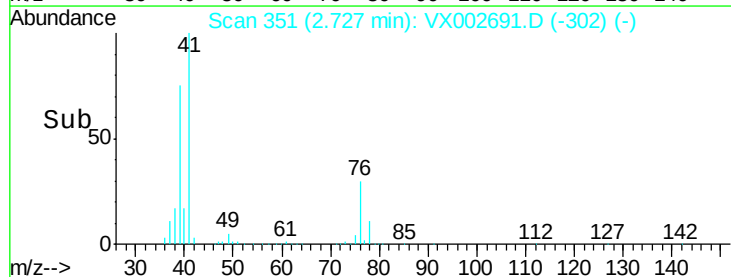
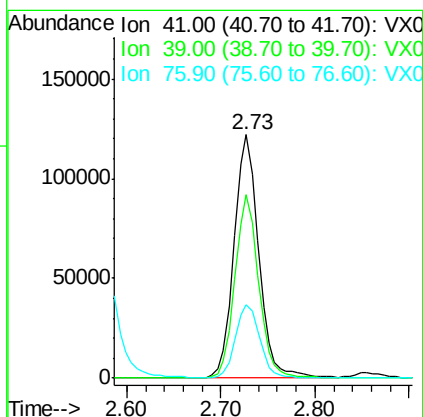
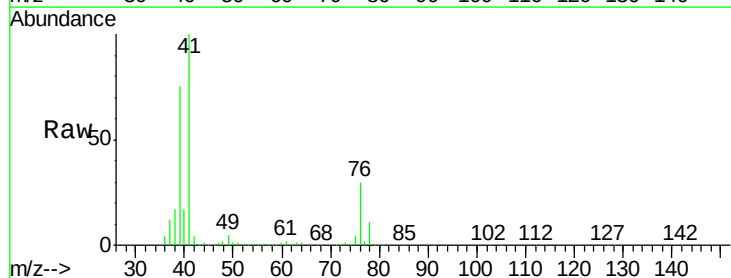
Tgt Ion: 41 Resp: 221982

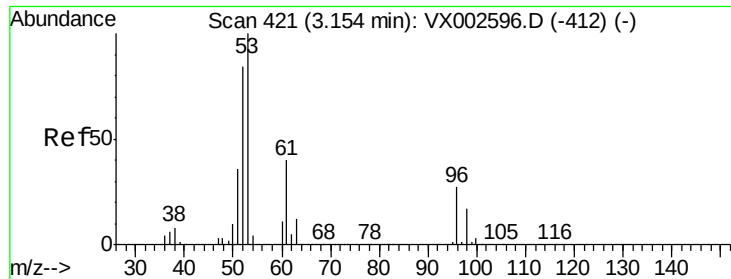
Ion Ratio Lower Upper

41 100

39 72.1 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 245.975 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

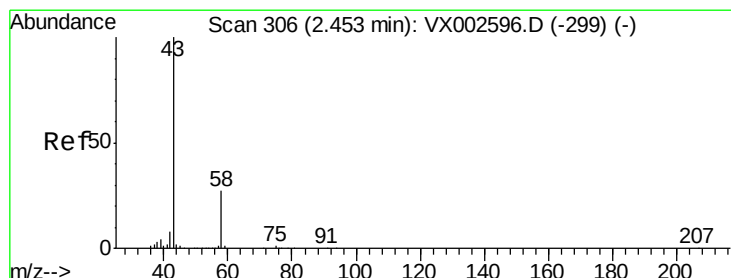
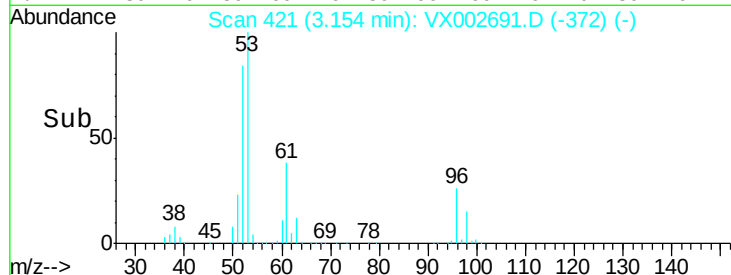
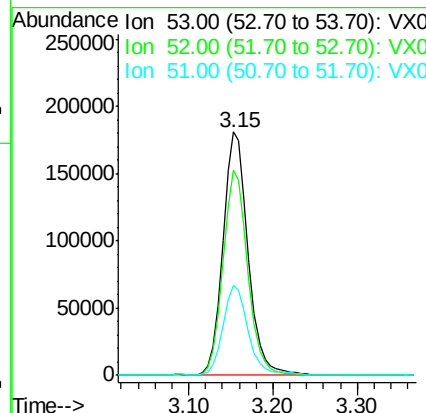
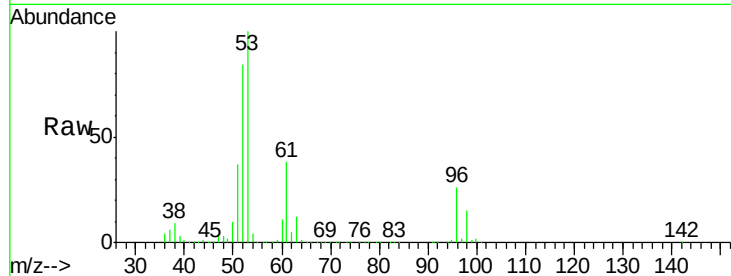
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	369634
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 238.310 ug/l

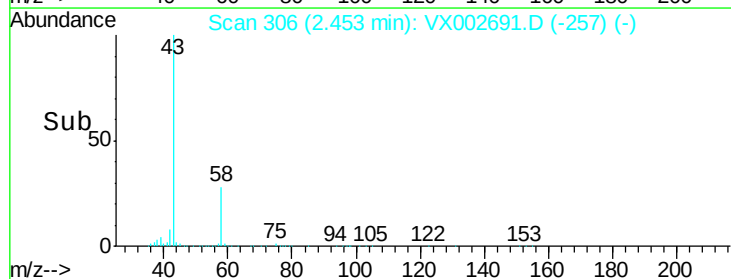
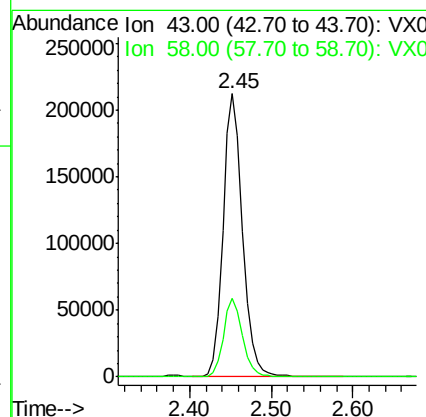
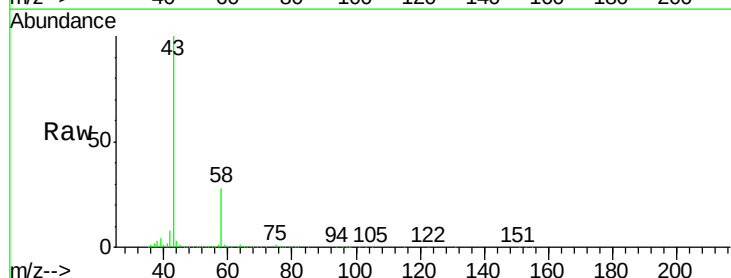
RT: 2.45 min Scan# 306

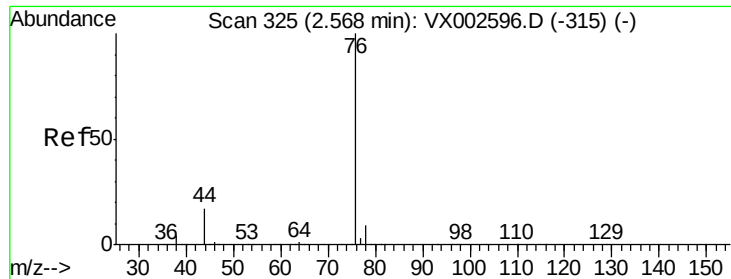
Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion:	43	Resp:	350240
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.1	33.1





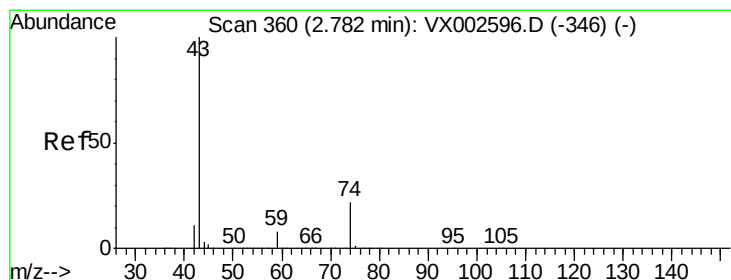
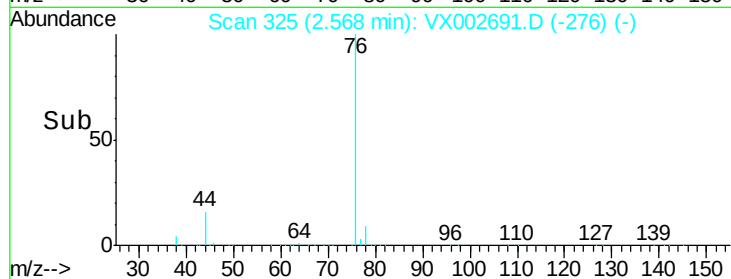
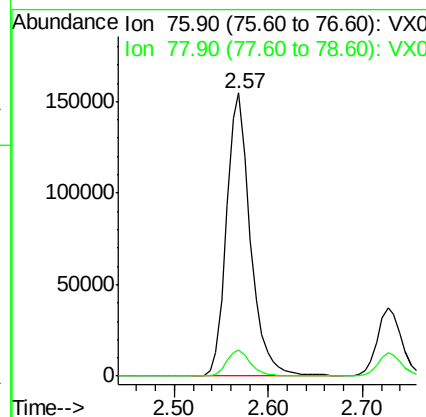
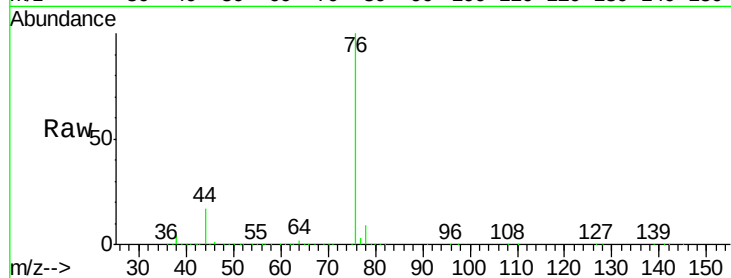
#17
Carbon Disulfide
Concen: 46.778 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

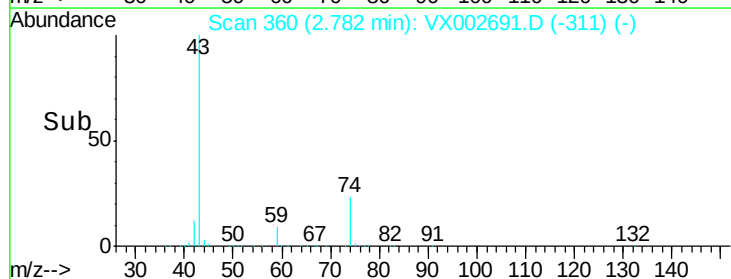
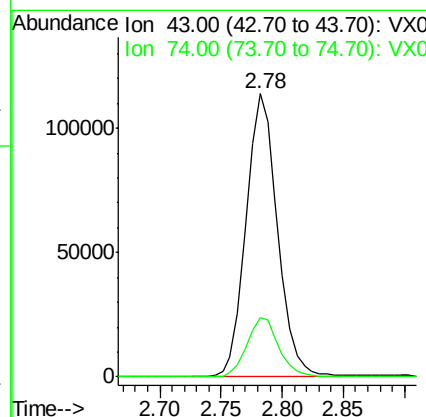
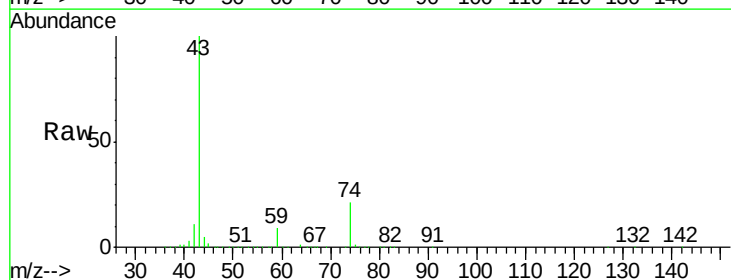
Manual Integrations
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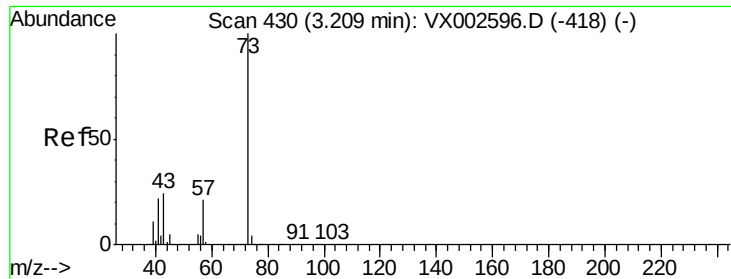
MMDadoda
6/19/2018 1:05:45 PM



#18
Methyl Acetate
Concen: 51.510 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	16.7	25.1





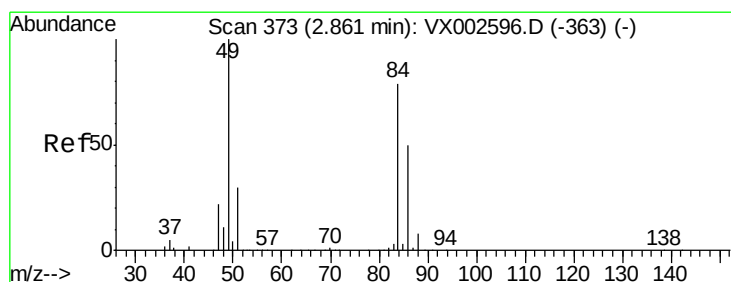
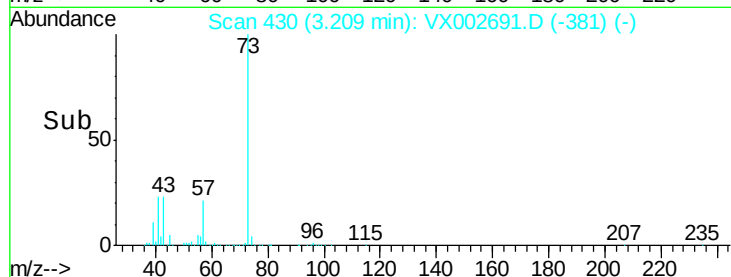
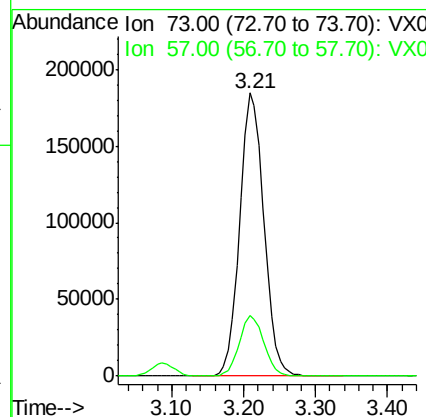
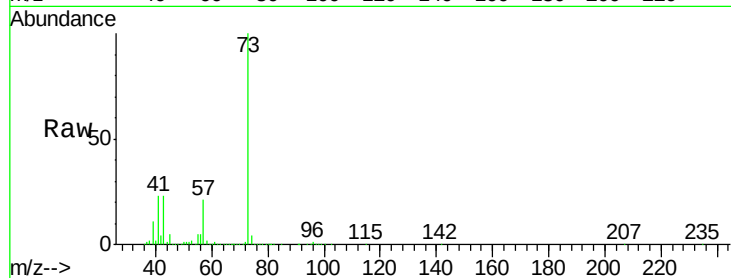
#19
Methyl tert-butyl Ether
Concen: 46.867 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 430642
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

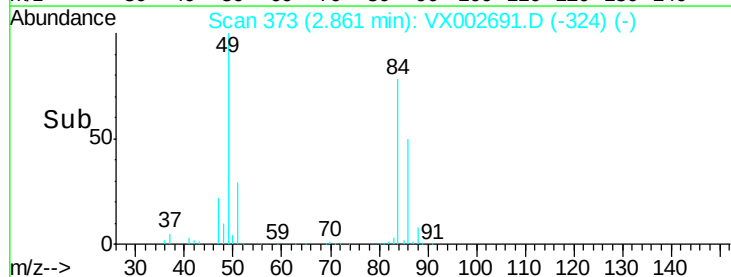
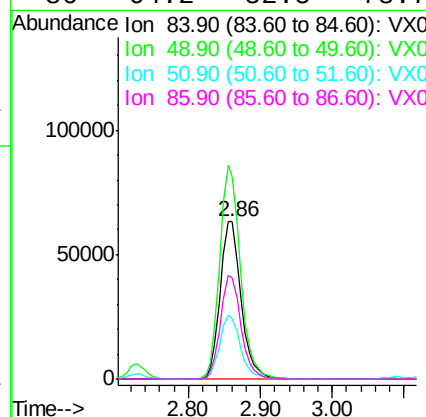
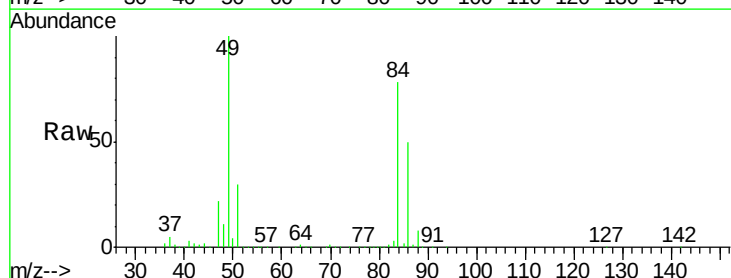
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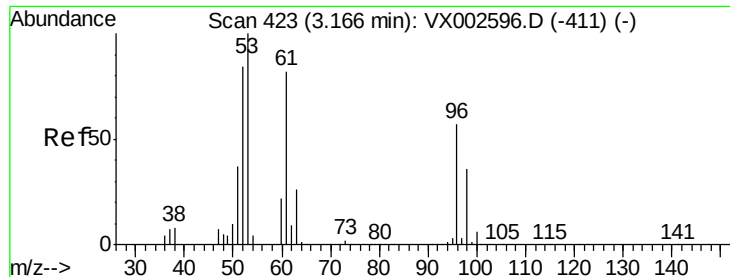
MMDadoda
6/19/2018 1:05:45 PM



#20
Methylene Chloride
Concen: 42.301 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 84 Resp: 127470
Ion Ratio Lower Upper
84 100
49 129.0 107.8 161.6
51 38.0 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.783 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

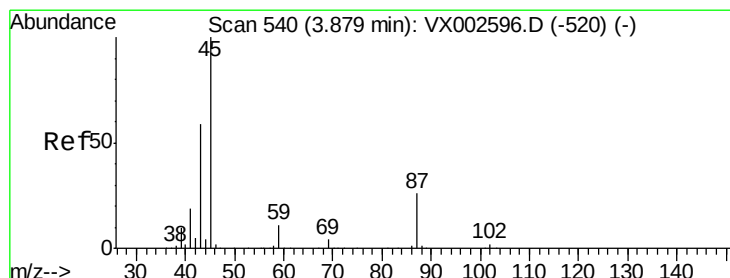
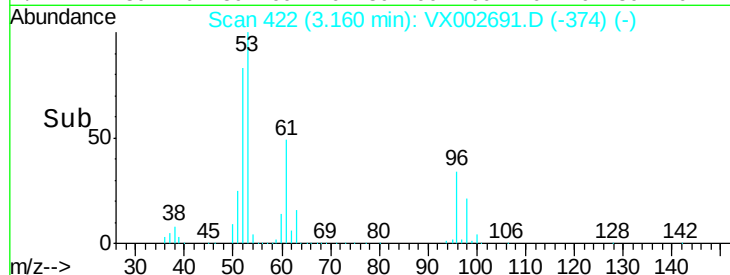
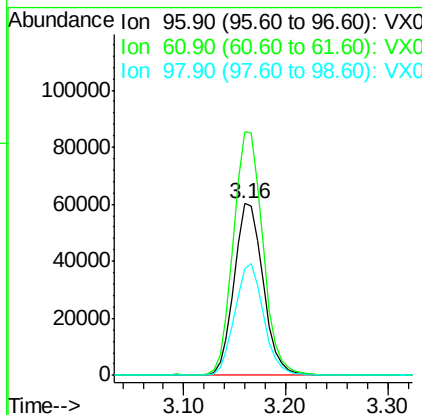
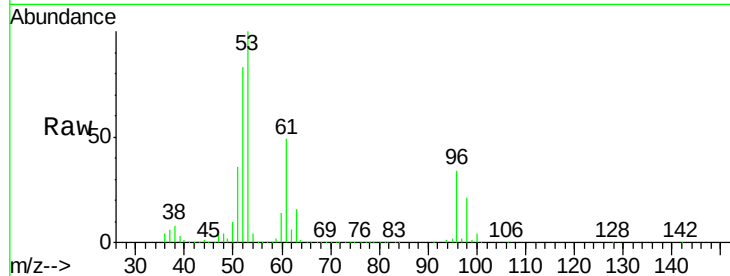
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	118999
Ion	Ratio	Lower	Upper
96	100		
61	141.5	117.0	175.4
98	61.8	52.4	78.6

Manual Integrations
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6/19/2018 1:05:45 PM



#22

Diisopropyl ether

Concen: 50.929 ug/l

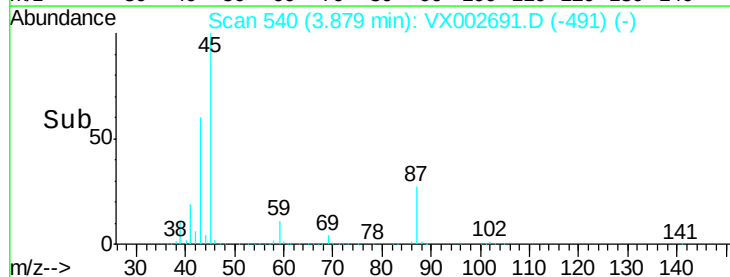
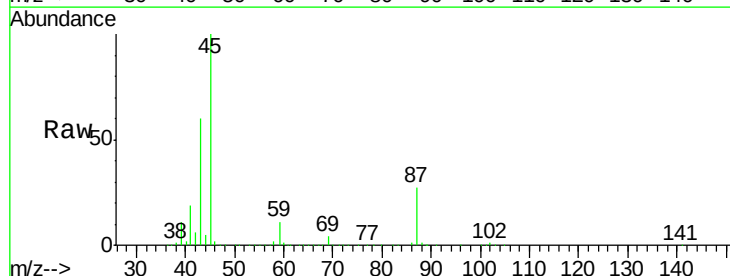
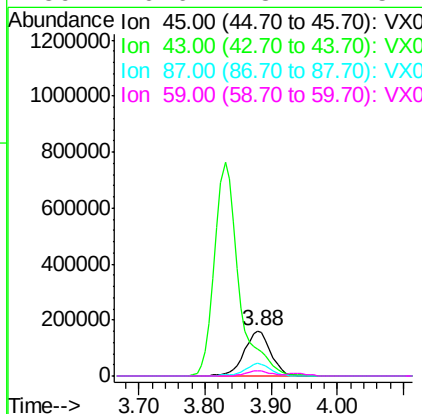
RT: 3.88 min Scan# 540

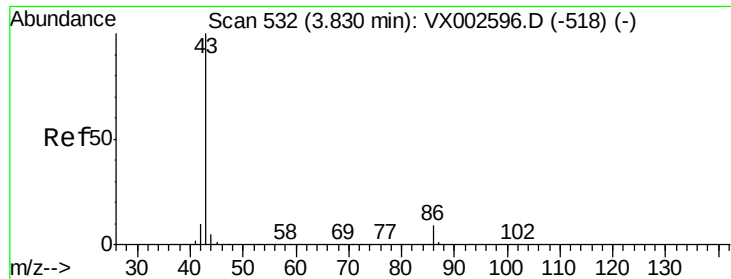
Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion:	45	Resp:	448120
Ion	Ratio	Lower	Upper
45	100		
43	59.9	46.8	70.2
87	27.0	20.2	30.4
59	10.6	8.7	13.1





#23

Vinyl Acetate

Concen: 265.804 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1957478

Ion Ratio Lower Upper

43 100

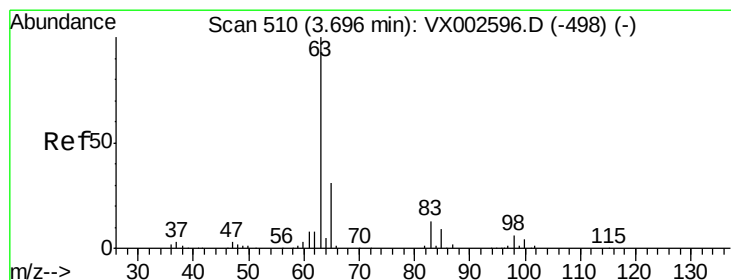
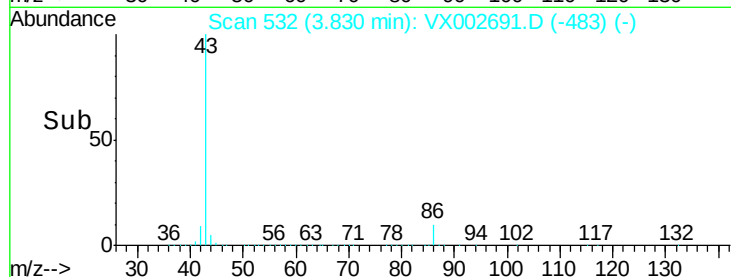
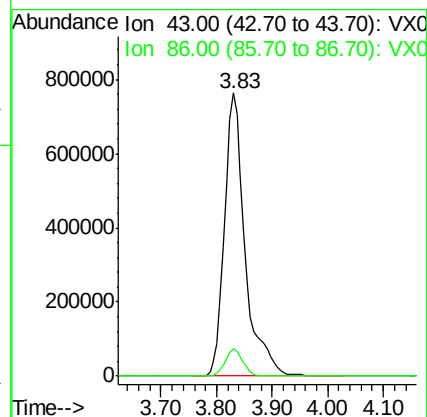
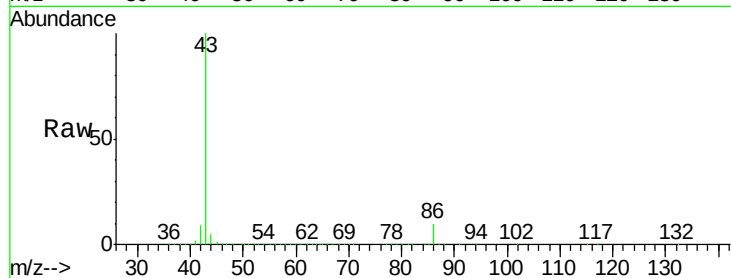
86 9.6 7.4 11.0

Manual Integrations

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MMDadoda

6/19/2018 1:05:45 PM



#24

1,1-Dichloroethane

Concen: 49.986 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

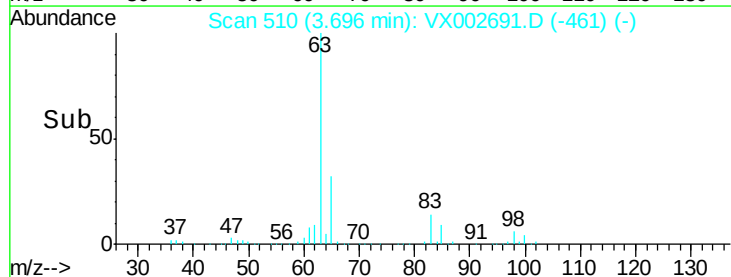
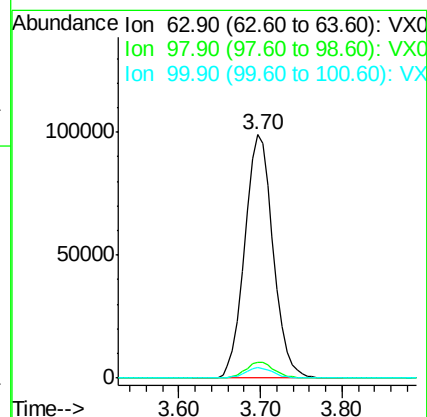
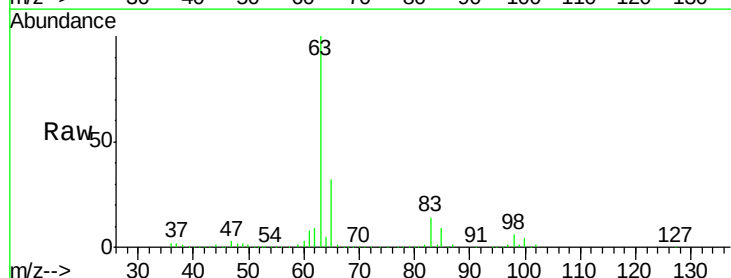
Tgt Ion: 63 Resp: 238713

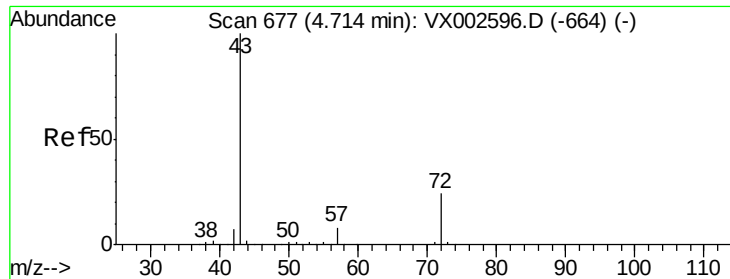
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 260.848 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 503457

Ion Ratio Lower Upper

43 100

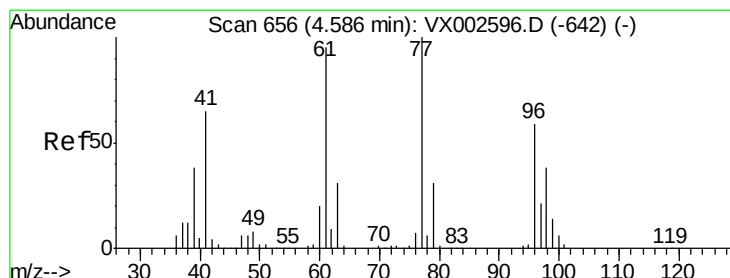
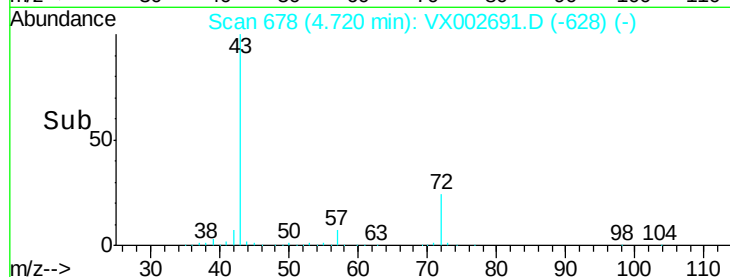
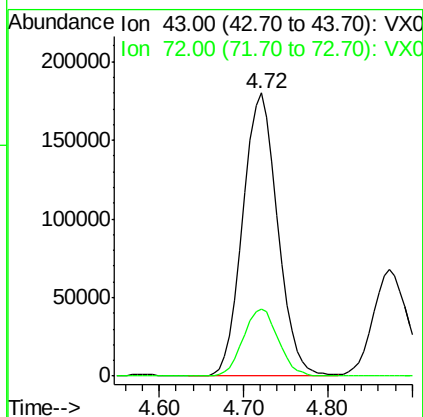
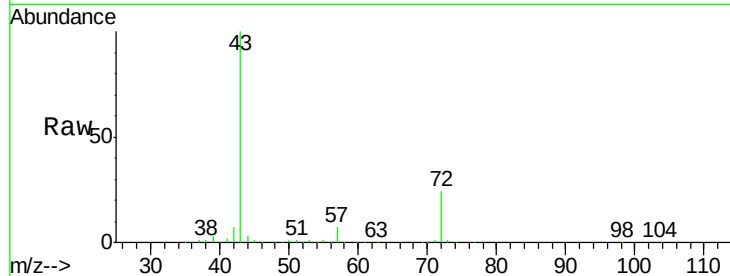
72 23.4 18.5 27.7

Manual Integrations

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MMDadoda

6/19/2018 1:05:45 PM



#26

2,2-Dichloropropane

Concen: 42.389 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002691.D

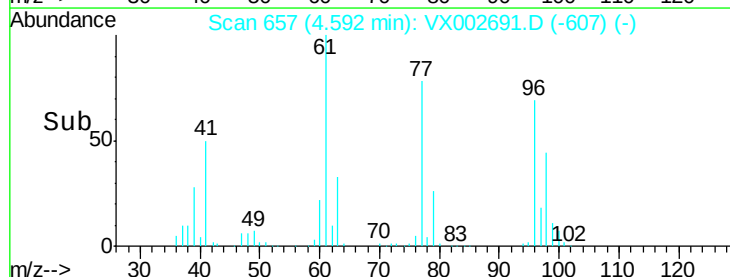
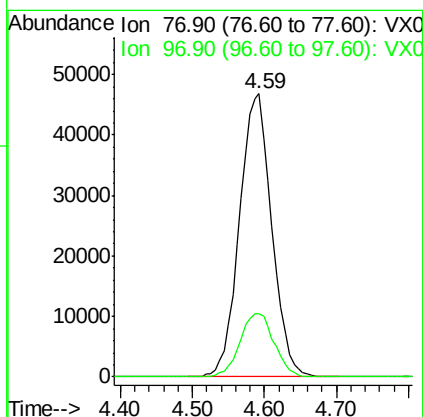
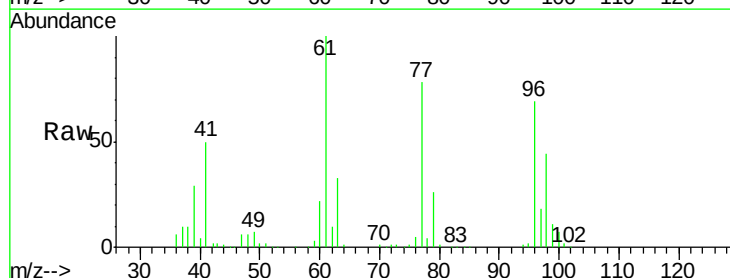
Acq: 18 Jun 2018 21:01

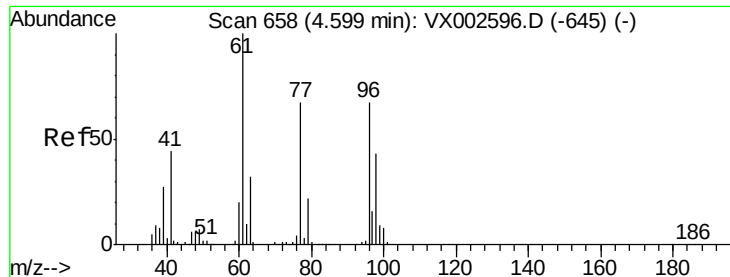
Tgt Ion: 77 Resp: 145455

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5





#27

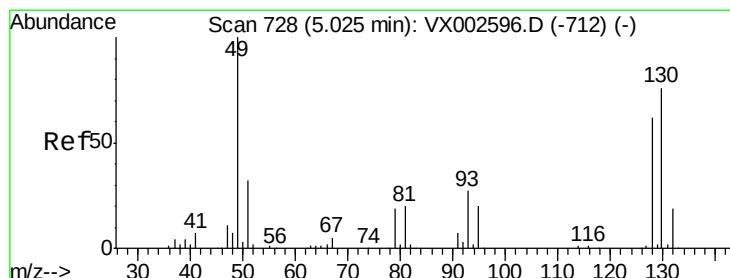
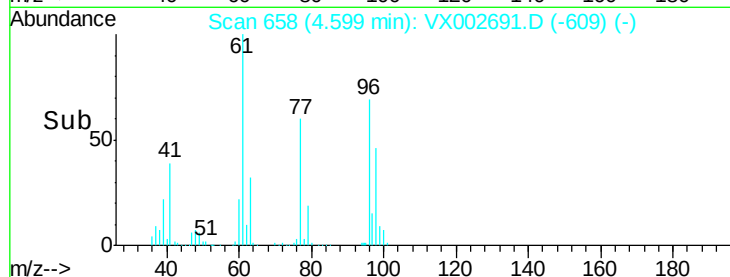
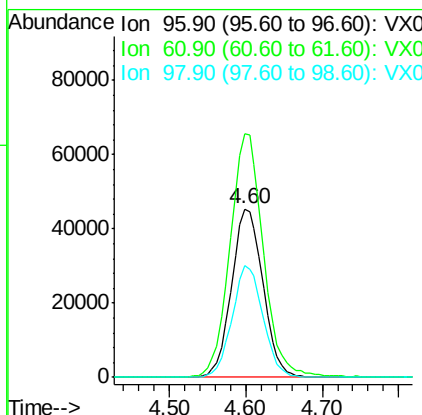
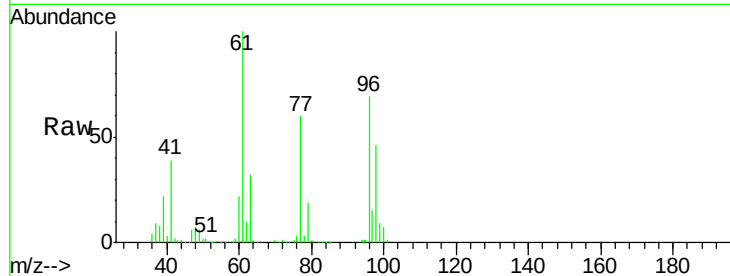
cis-1,2-Dichloroethene
Concen: 47.798 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129233		
61	153.6	0.0	330.2	
98	64.7	0.0	130.2	

Manual Integrations
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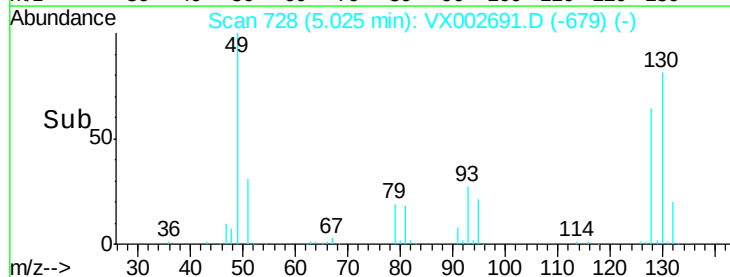
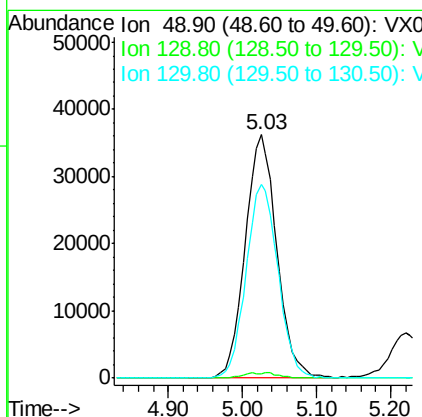
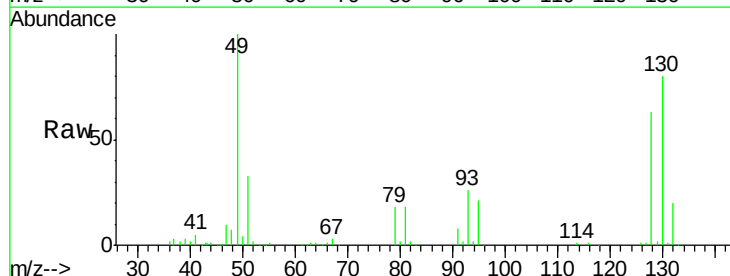
MMDadoda
6/19/2018 1:05:45 PM

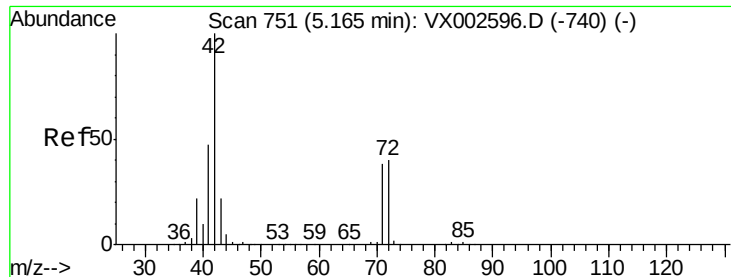


#28

Bromochloromethane
Concen: 48.325 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108077		
129	2.4	0.0	4.2	
130	80.2	61.2	91.8	





#29

Tetrahydrofuran

Concen: 256.995 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

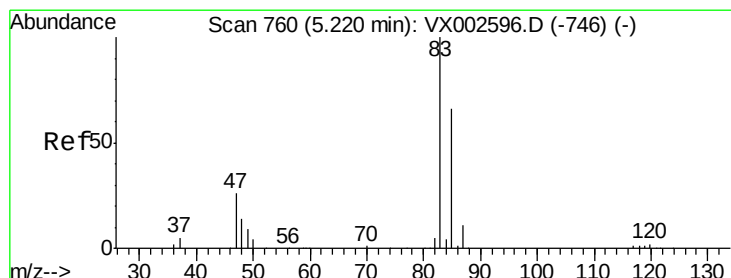
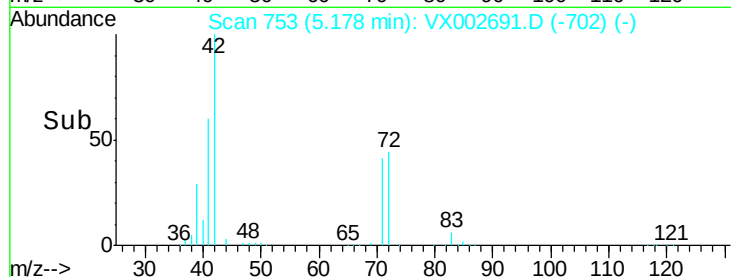
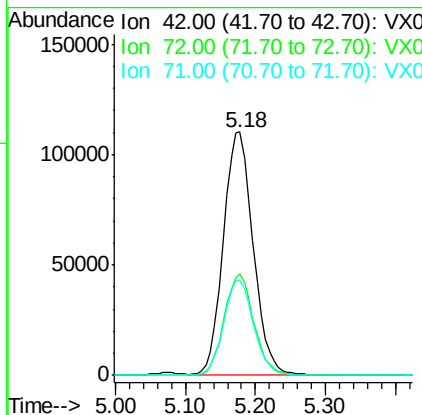
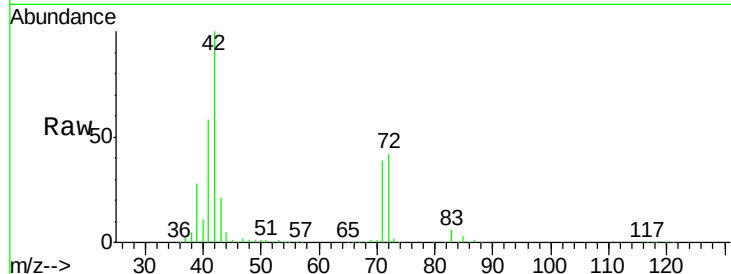
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
72	72	41.8	32.0	48.0	
71	71	39.4	30.1	45.1	

Manual Integrations
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#30

Chloroform

Concen: 50.222 ug/l

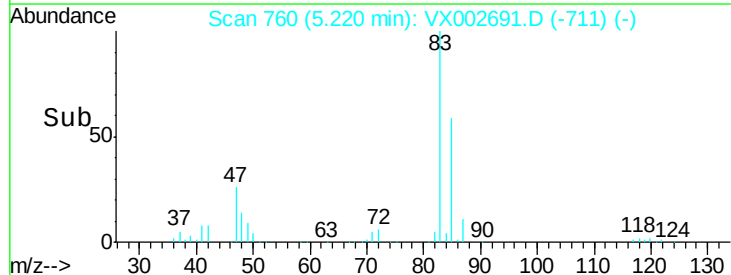
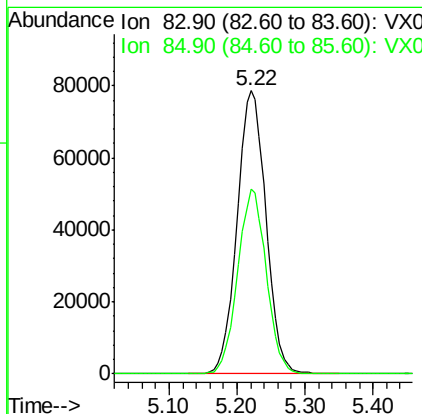
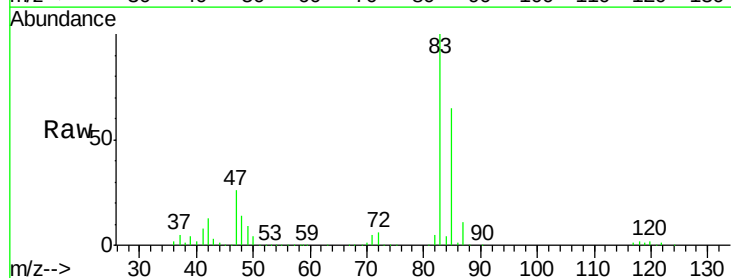
RT: 5.22 min Scan# 760

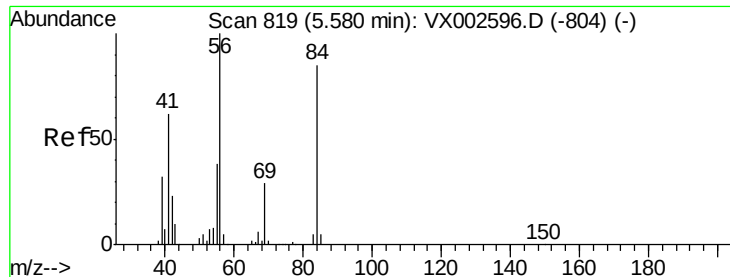
Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100			
85	85	65.5	50.4	75.6	





#31

Cyclohexane

Concen: 47.614 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

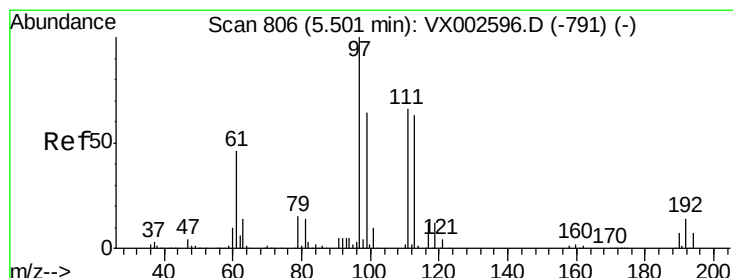
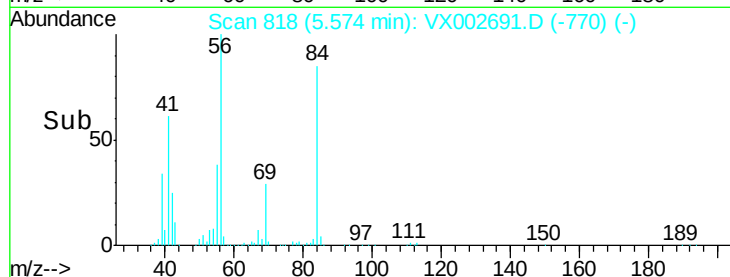
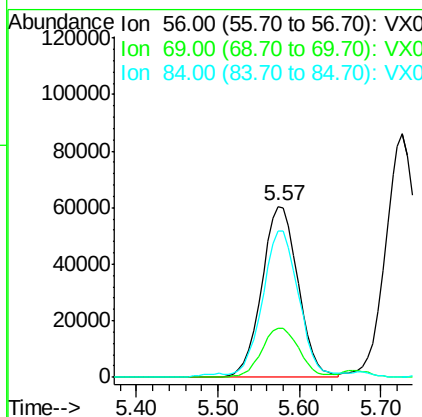
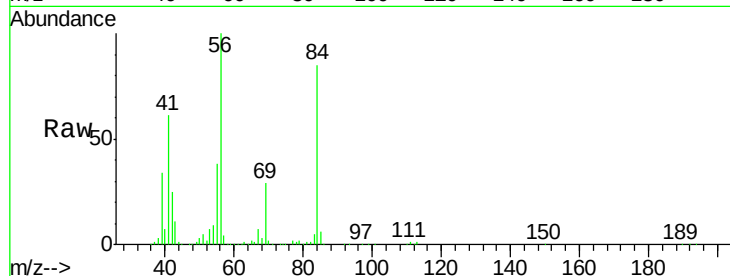
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	187216
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	84.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.228 ug/l

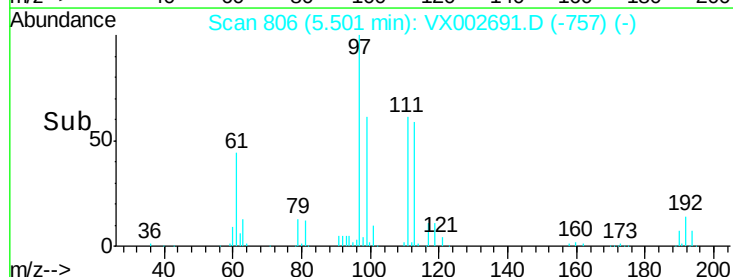
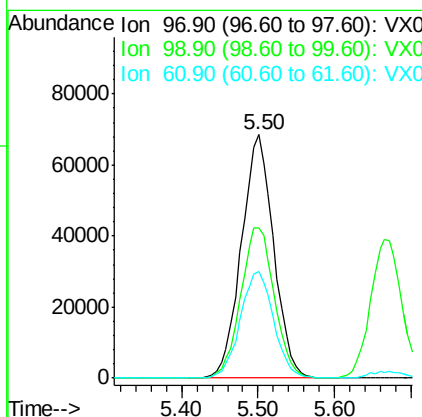
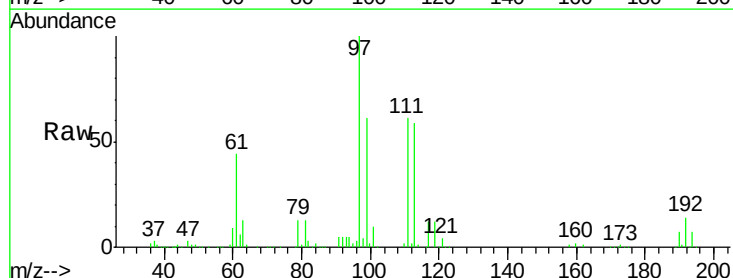
RT: 5.50 min Scan# 806

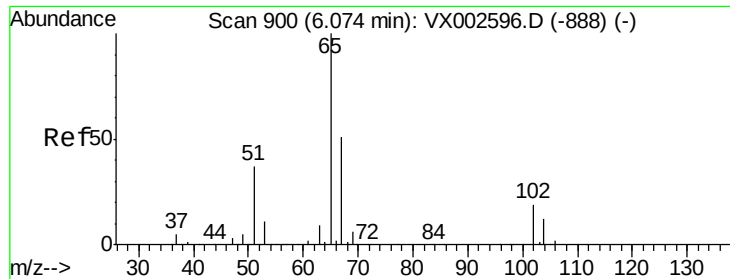
Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion:	97	Resp:	201162
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	45.1	36.4	54.6





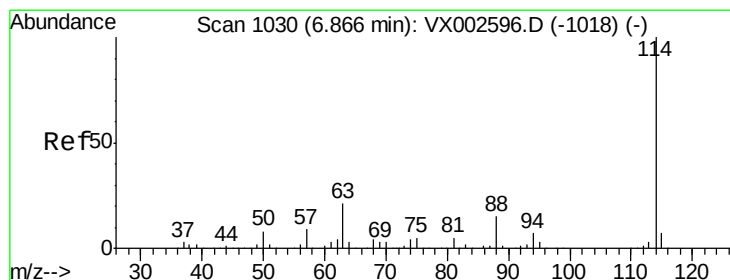
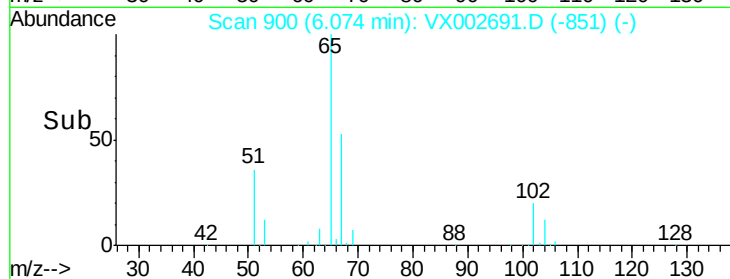
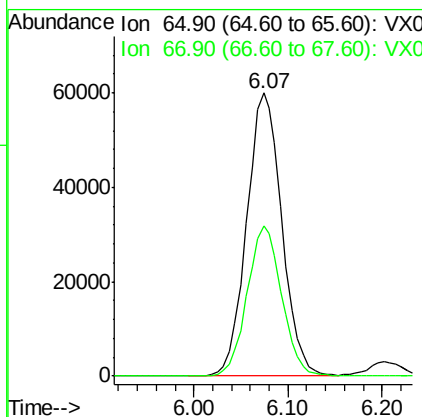
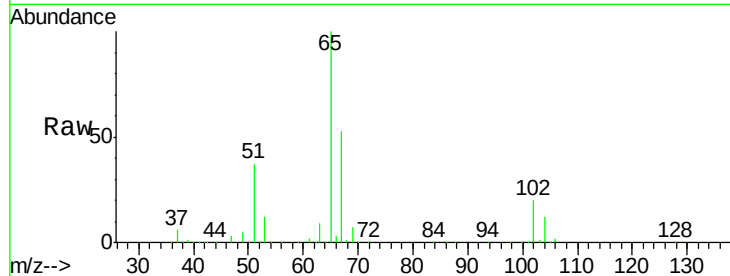
#33
 1,2-Dichloroethane-d4
 Concen: 47.088 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	156859		
67	52.3	0.0	102.6	

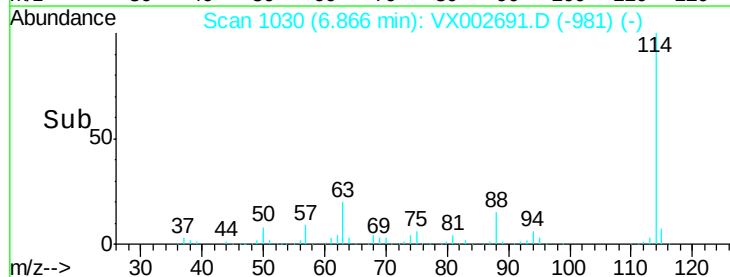
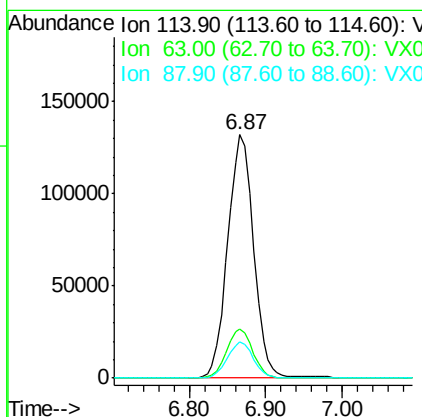
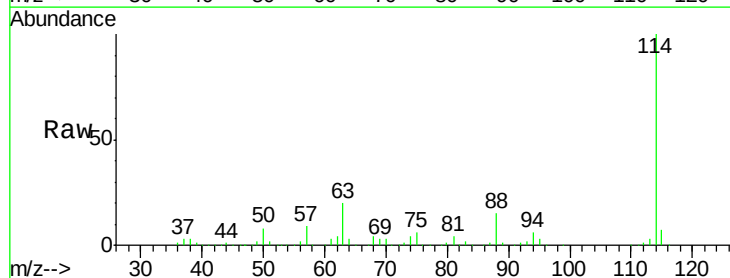
Manual Integrations
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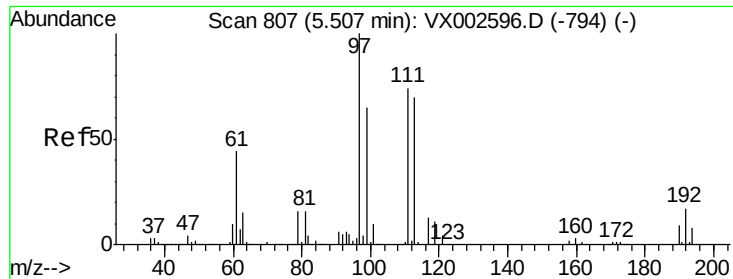
MMDadoda
 6/19/2018 1:05:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	311510		
63	20.0	0.0	41.4	
88	14.7	0.0	30.0	





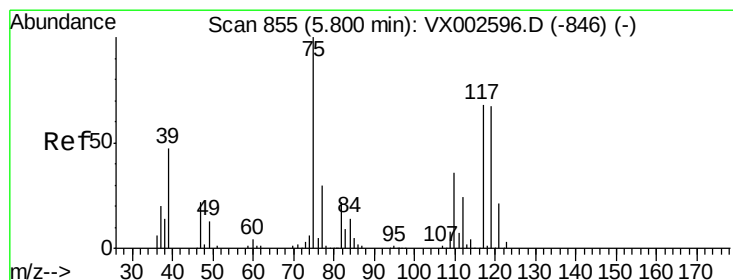
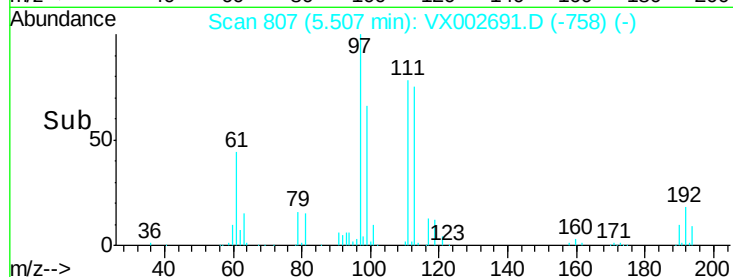
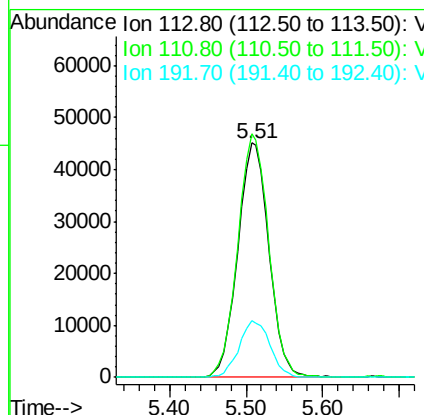
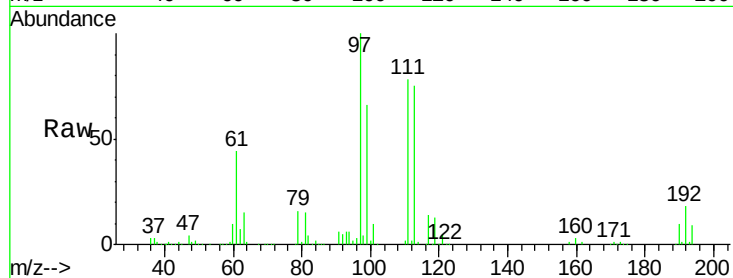
#35
 Dibromofluoromethane
 Concen: 51.187 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127259		
111	103.3	81.4	122.0	
192	24.1	19.1	28.7	

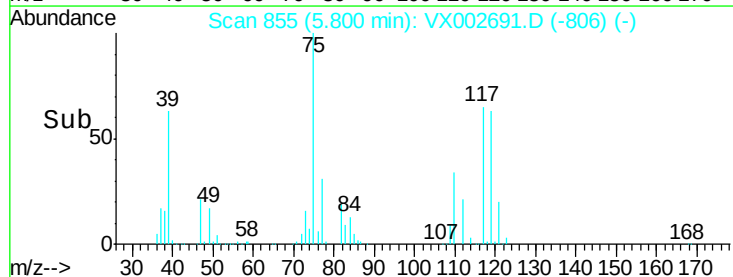
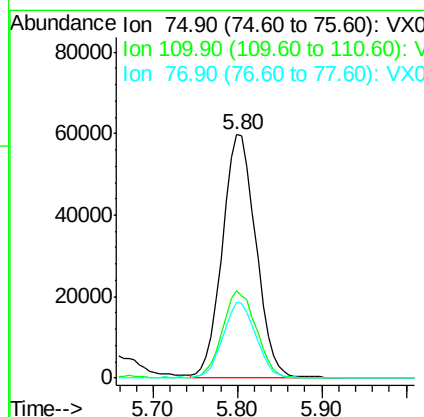
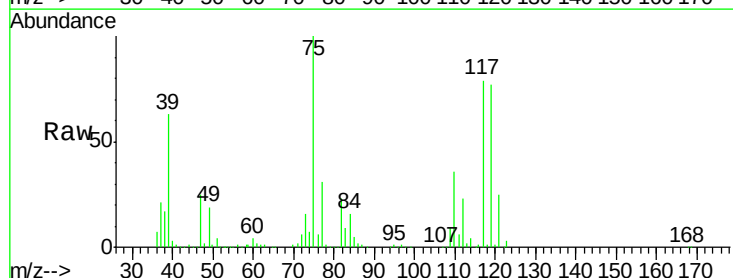
Manual Integrations
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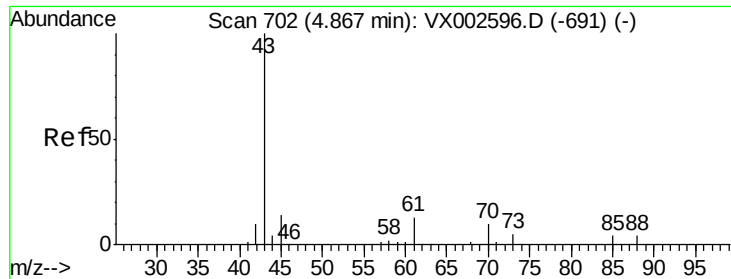
MMDadoda
 6/19/2018 1:05:45 PM



#36
 1,1-Dichloropropene
 Concen: 49.025 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162195		
110	36.4	18.1	54.4	
77	31.4	24.3	36.5	





#37

Ethyl Acetate

Concen: 51.775 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

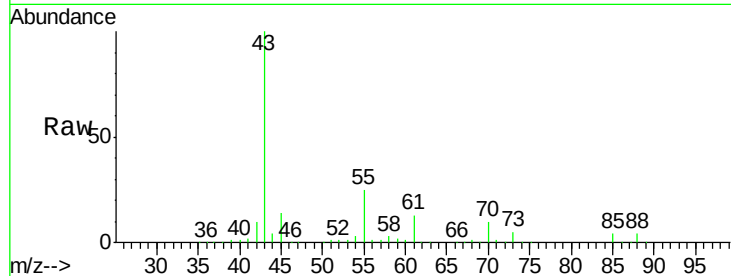
ClientSampleId :

VSTDCCC050

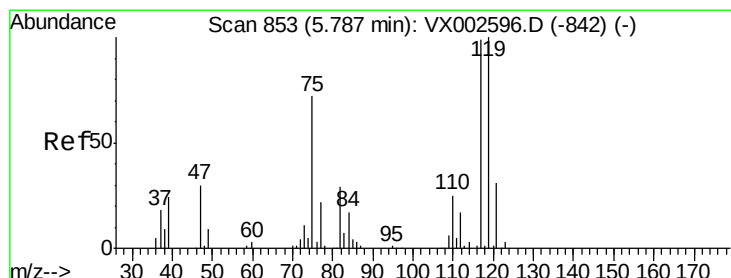
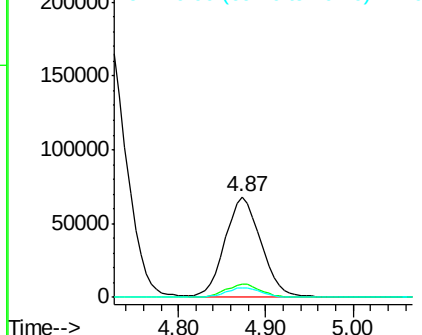
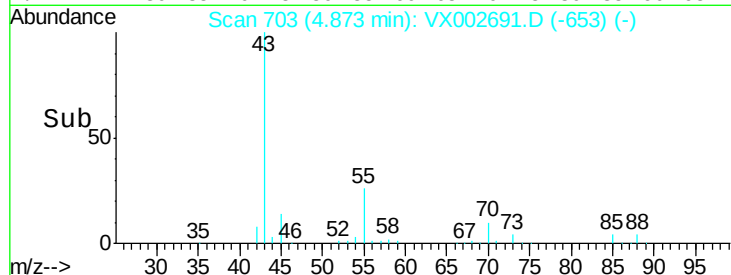
Tot Ion:	43	Resp:	193881
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	9.8	7.6	11.4

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX002691.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 54.142 ug/l

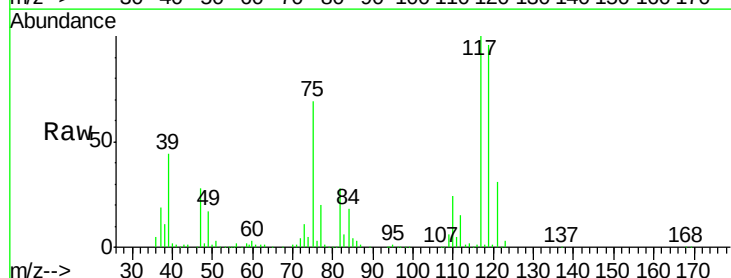
RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

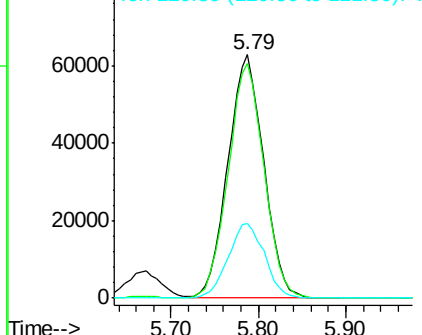
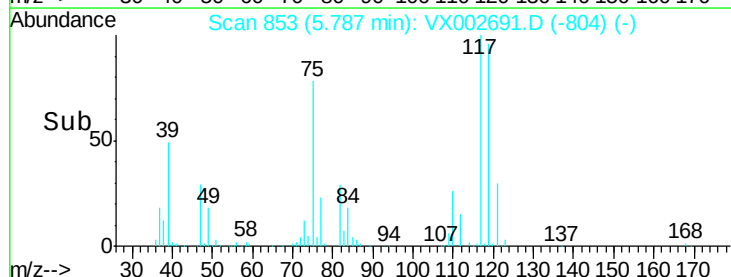
Lab File: VX002691.D

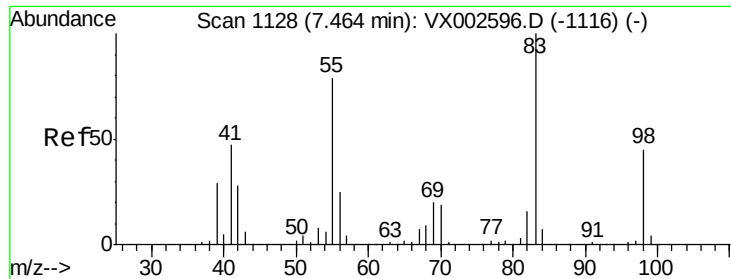
Acq: 18 Jun 2018 21:01

Tgt Ion:	117	Resp:	178368
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
121	30.8	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002691.D (-804) (-)





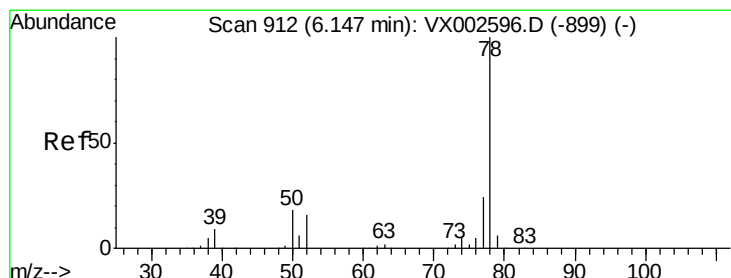
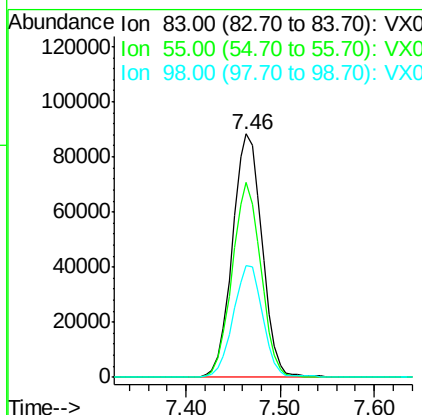
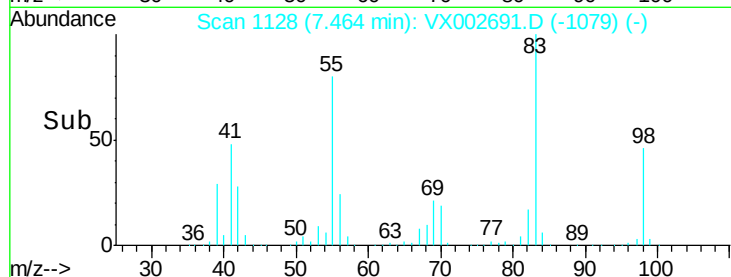
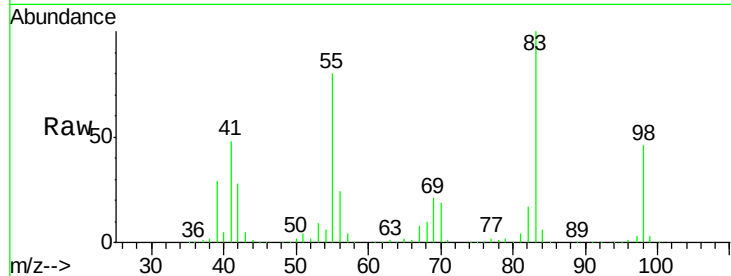
#39
Methylvlcyclohexane
Concen: 50.023 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193472		
55	80.1	65.4	98.0	
98	46.1	37.4	56.0	

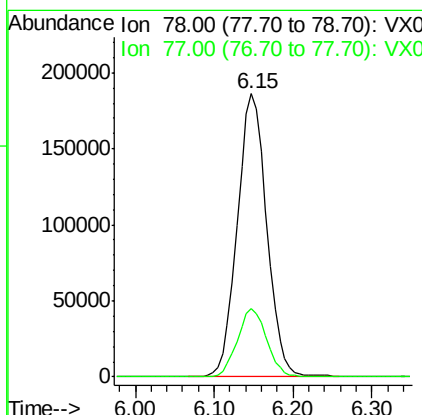
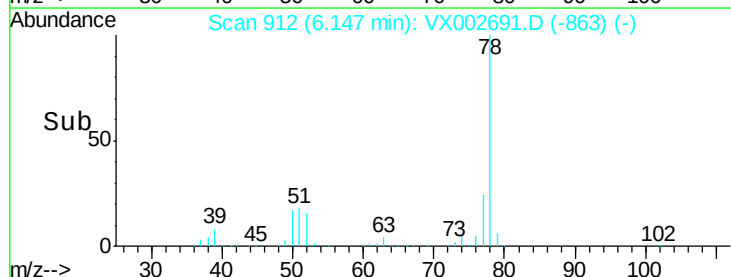
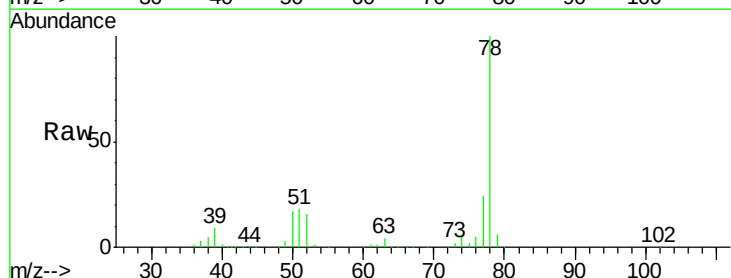
Manual Integrations
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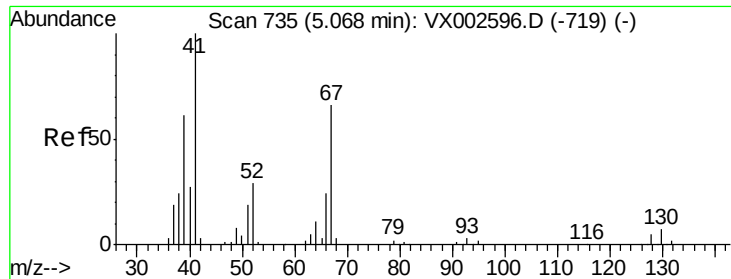
MMDadoda
6/19/2018 1:05:45 PM



#40
Benzene
Concen: 48.824 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	484350		
77	24.3	19.1	28.7	





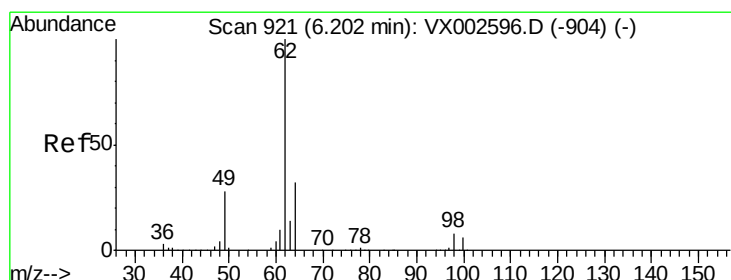
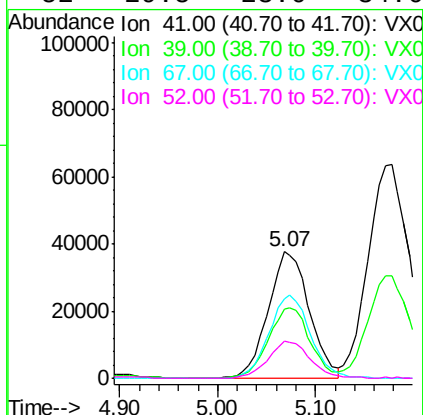
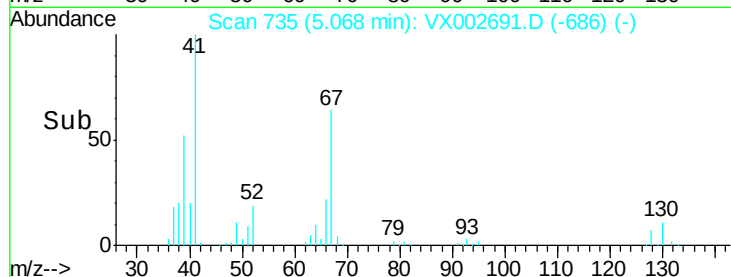
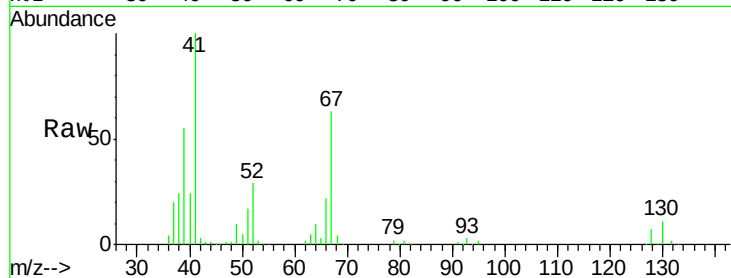
#41
Methacrylonitrile
Concen: 51.994 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	45.8	68.6	
67	66.8	51.3	76.9	
52	29.5	23.0	34.6	

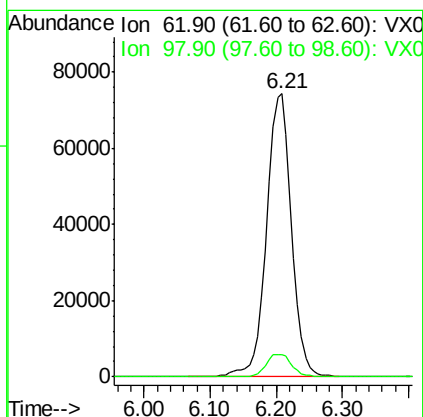
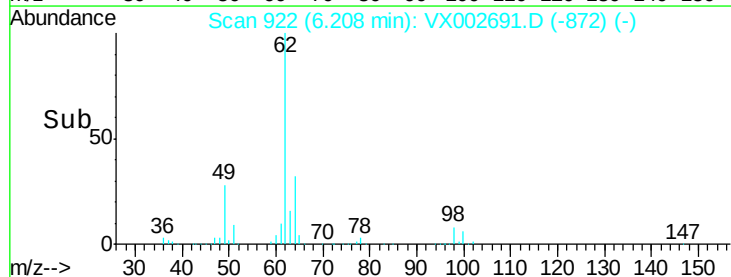
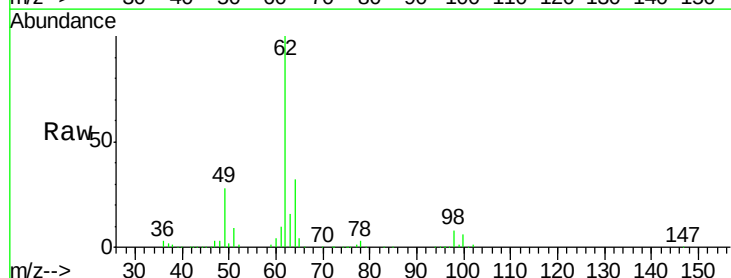
Manual Integrations
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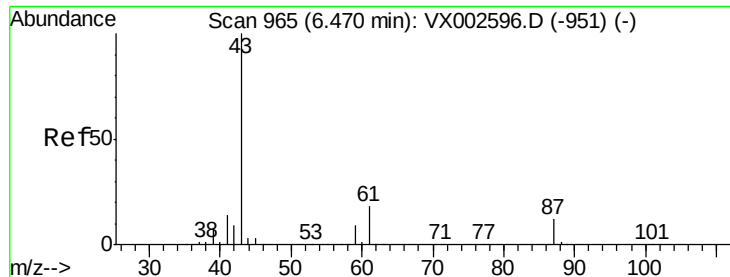
MMDadoda
6/19/2018 1:05:45 PM



#42
1,2-Dichloroethane
Concen: 50.484 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





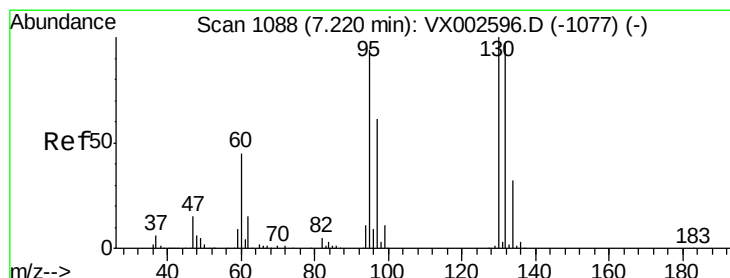
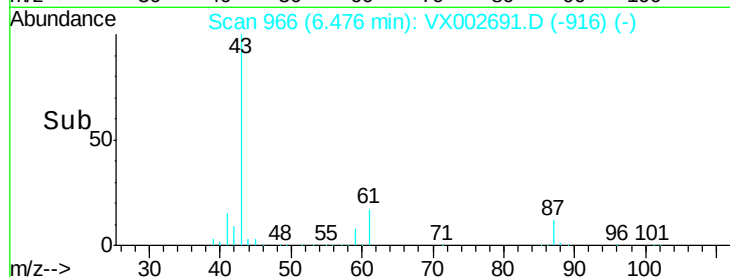
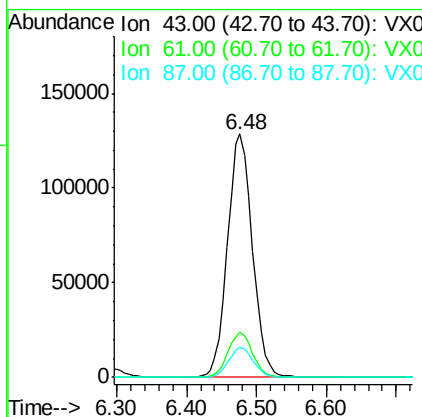
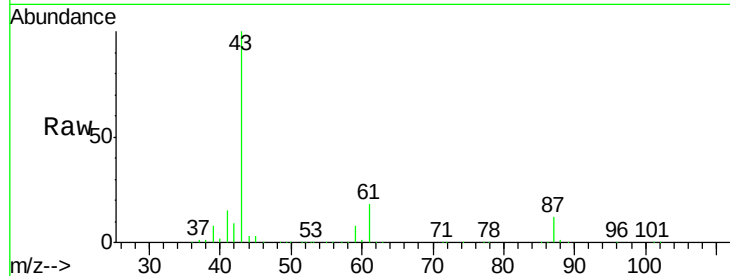
#43
Isopropyl Acetate
Concen: 50.933 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.3	9.5	14.3

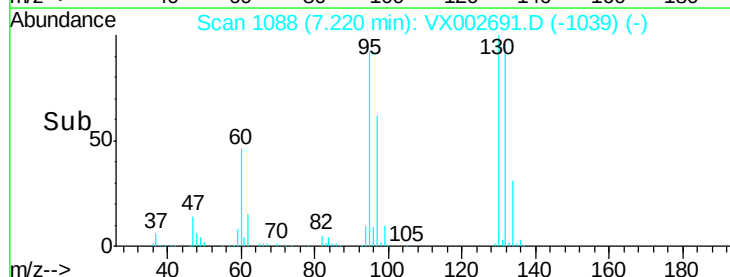
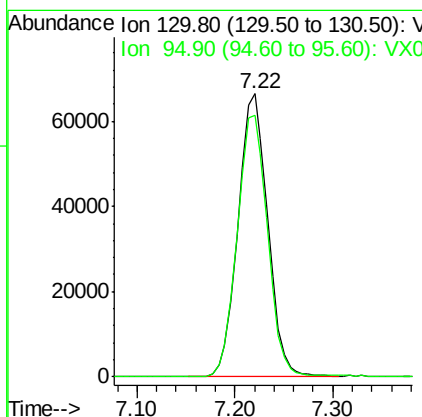
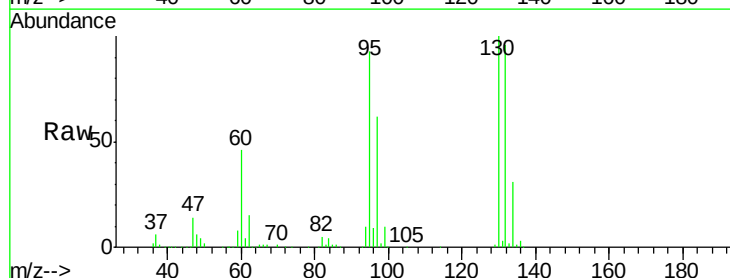
Manual Integrations
APPROVED

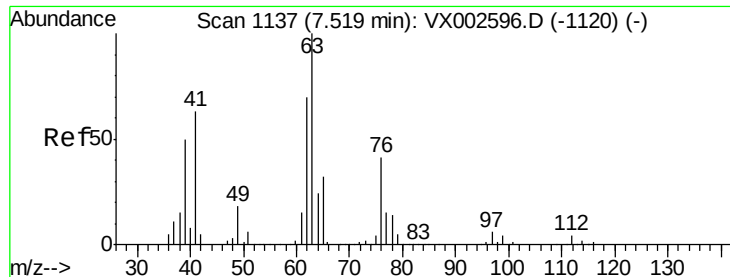
MMDadoda
6/19/2018 1:05:45 PM



#44
Trichloroethene
Concen: 49.027 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	185.4





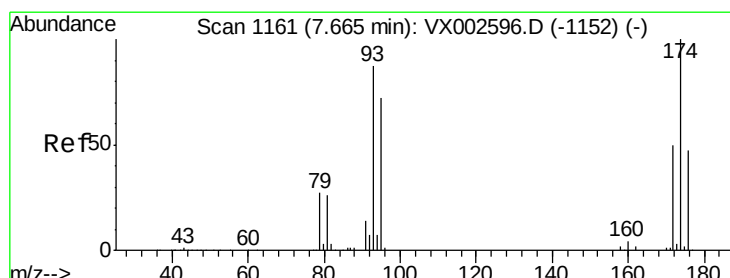
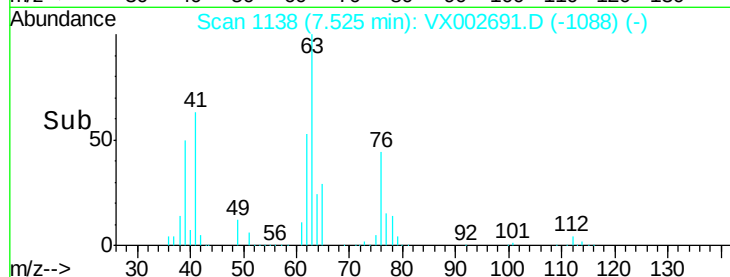
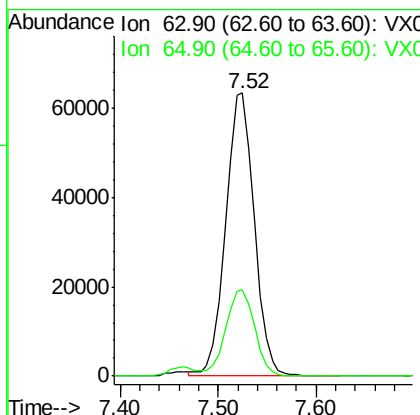
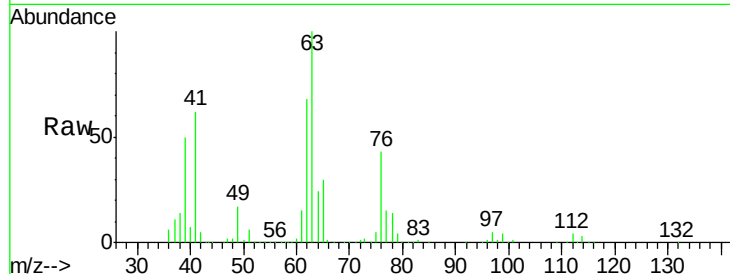
#45
 1,2-Dichloropropane
 Concen: 48.984 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 127891
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1

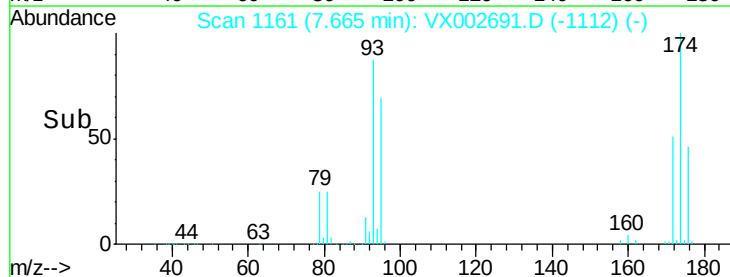
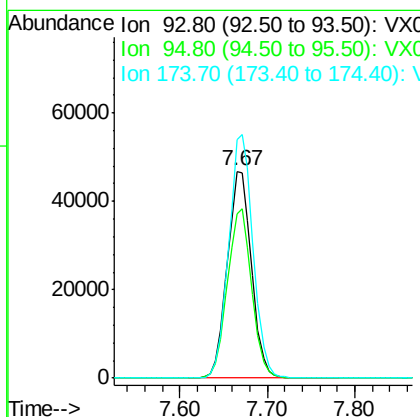
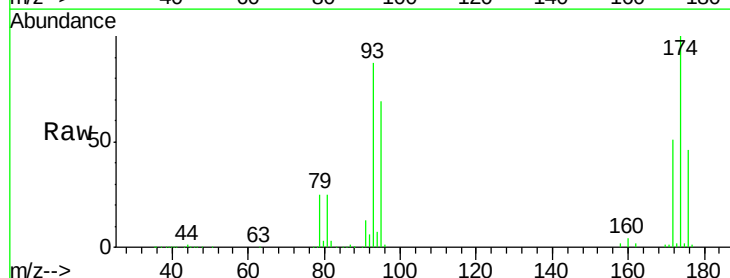
Manual Integrations
 APPROVED

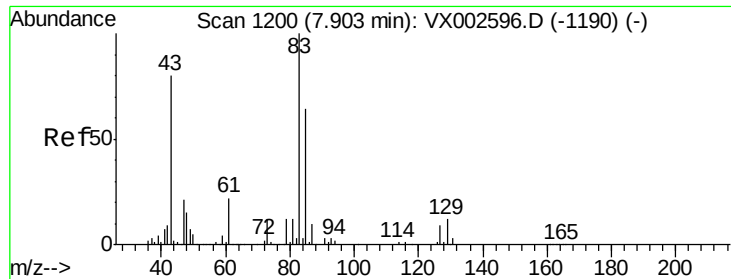
MMDadoda
 6/19/2018 1:05:45 PM



#46
 Dibromomethane
 Concen: 51.596 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion: 93 Resp: 90111
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 118.3 92.4 138.6





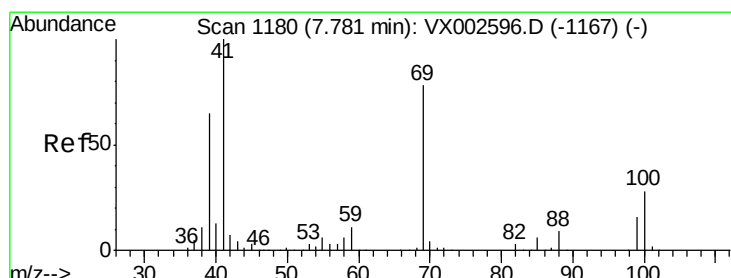
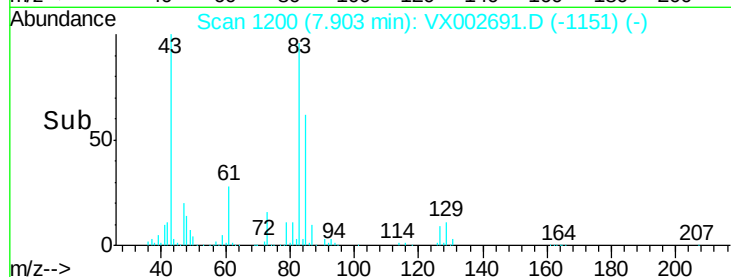
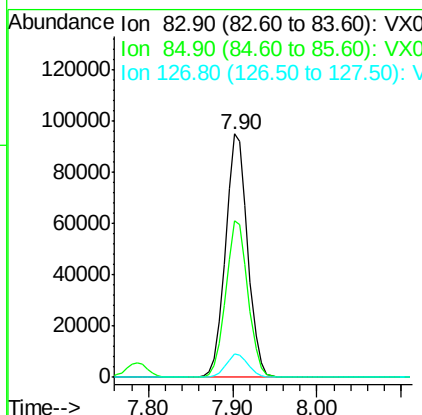
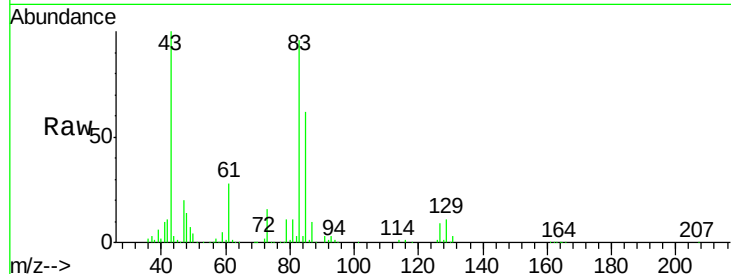
#47
Bromodichloromethane
Concen: 55.180 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	169975
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	9.4	7.0	10.4

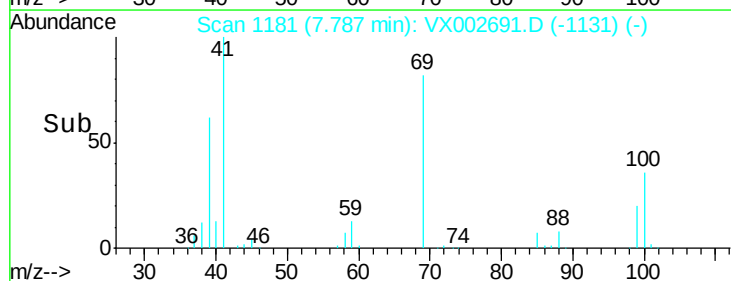
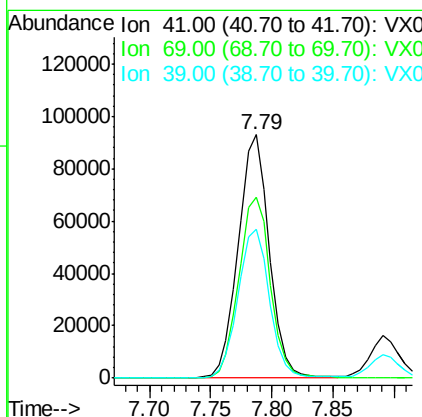
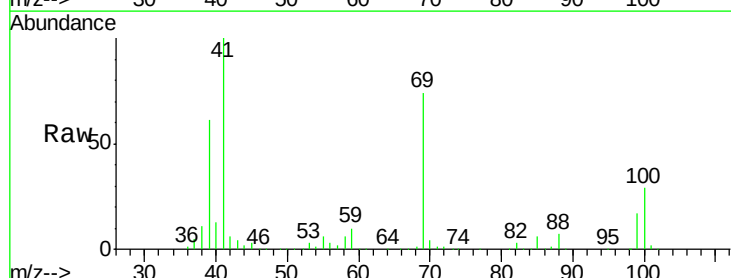
Manual Integrations
APPROVED

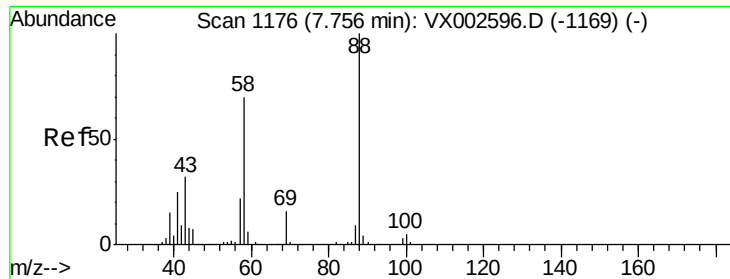
MMDadoda
6/19/2018 1:05:45 PM



#48
Methyl methacrylate
Concen: 51.597 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	41	Resp	163588
Ion Ratio	100	Lower	Upper
41	100		
69	76.2	59.1	88.7
39	62.0	48.9	73.3





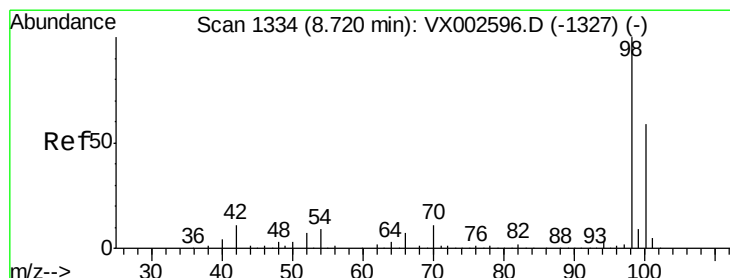
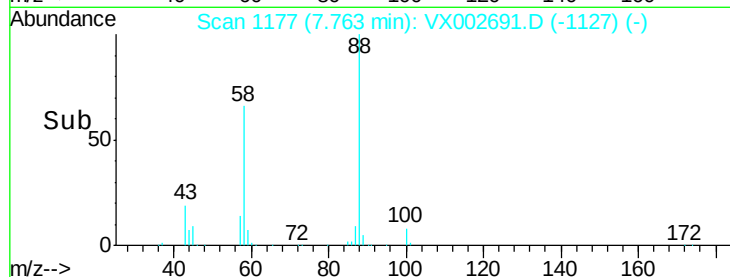
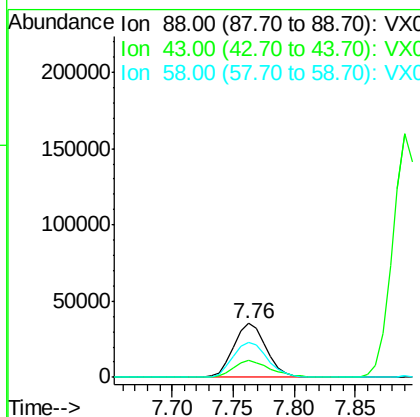
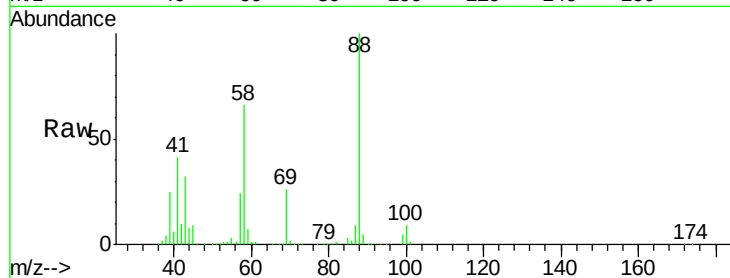
#49
1,4-Dioxane
Concen: 1094.772 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.8	44.6
58	68.6	57.1	85.7

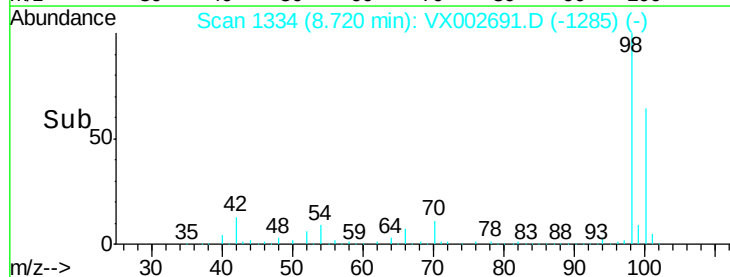
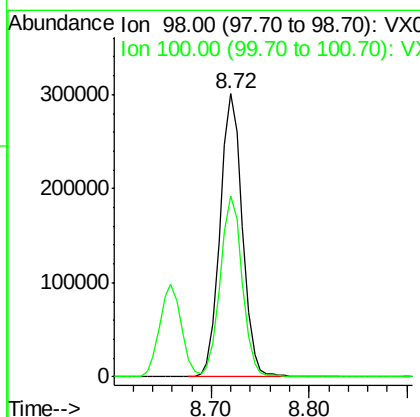
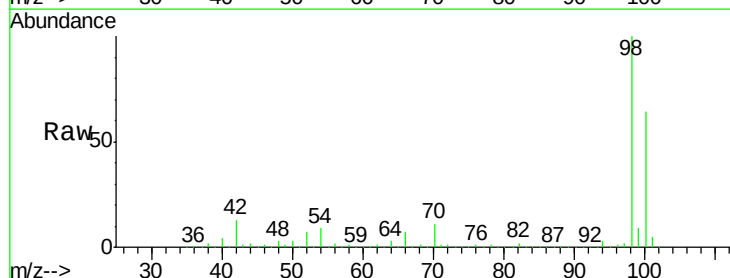
Manual Integrations
APPROVED

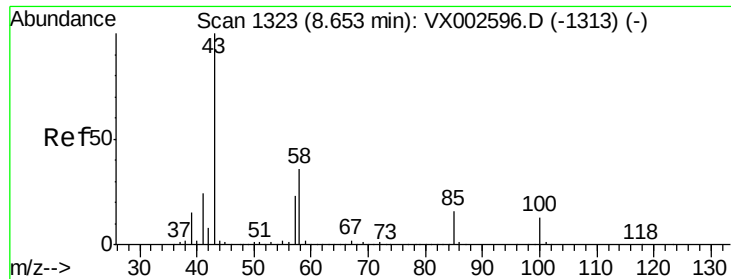
MMDadoda
6/19/2018 1:05:45 PM



#50
Toluene-d8
Concen: 50.214 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





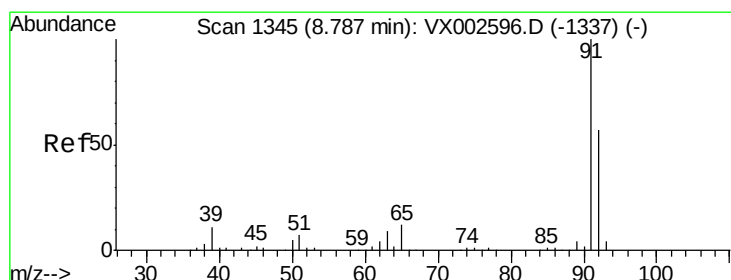
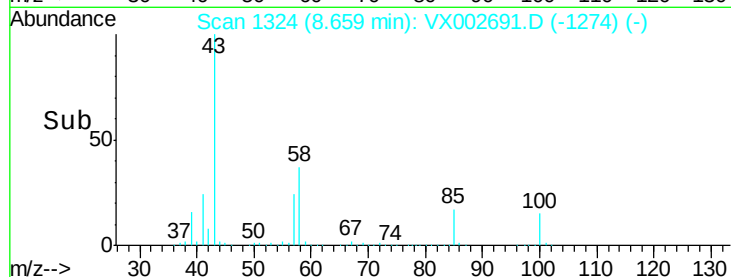
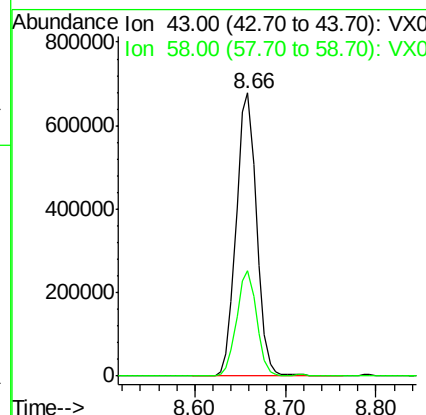
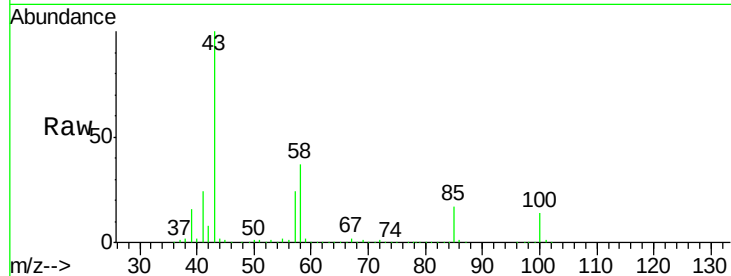
#51
4-Methyl-2-Pentanone
Concen: 265.882 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1059156
Ion Ratio Lower Upper
43 100
58 36.5 28.6 42.8

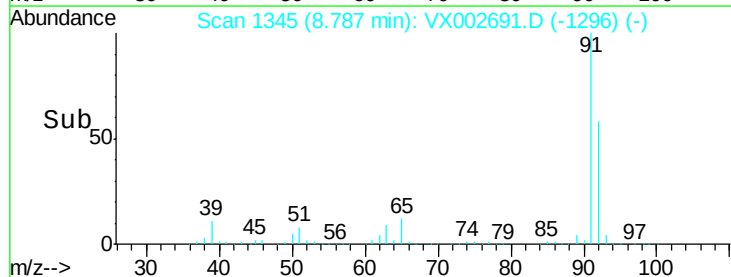
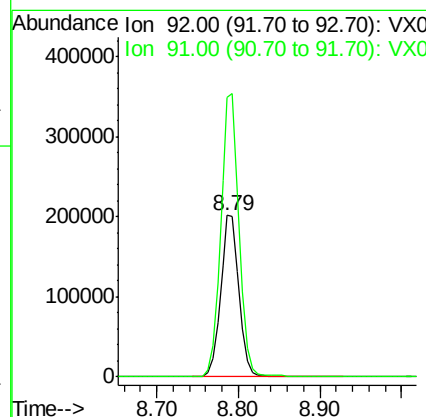
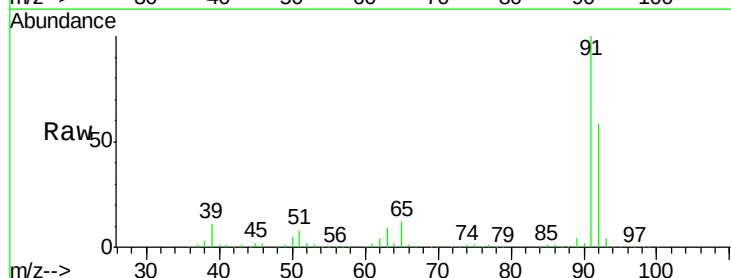
Manual Integrations
APPROVED

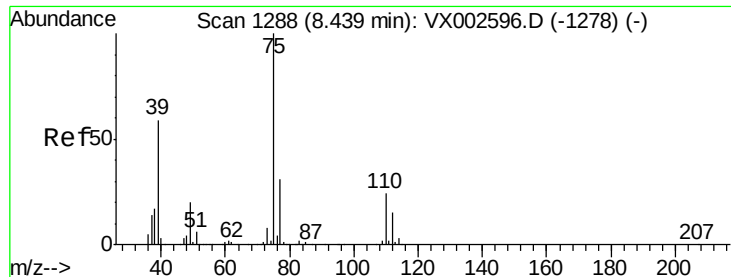
MMDadoda
6/19/2018 1:05:45 PM



#52
Toluene
Concen: 49.986 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 92 Resp: 316317
Ion Ratio Lower Upper
92 100
91 175.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 47.270 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 192185

Ion Ratio Lower Upper

75 100

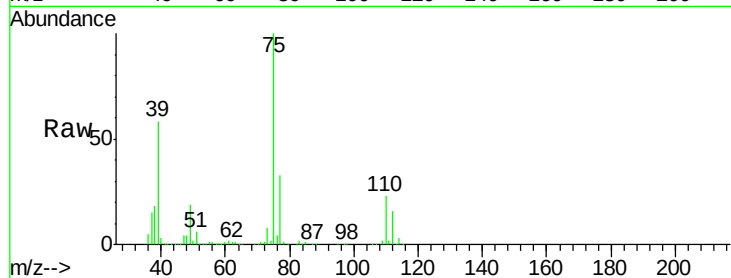
77 32.6 25.4 38.2

Manual Integrations

APPROVED

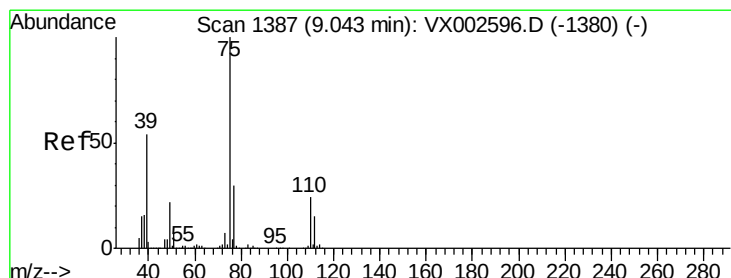
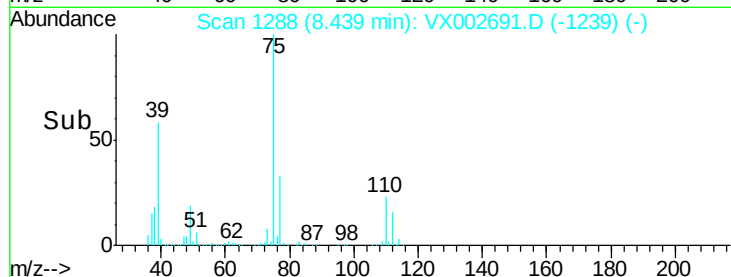
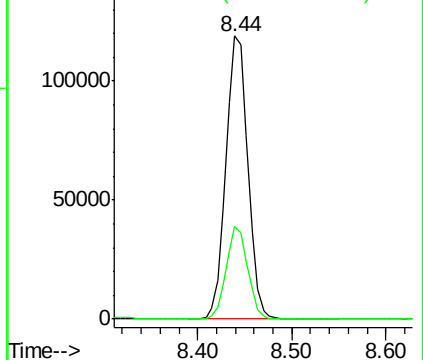
MMDadoda

6/19/2018 1:05:45 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.549 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

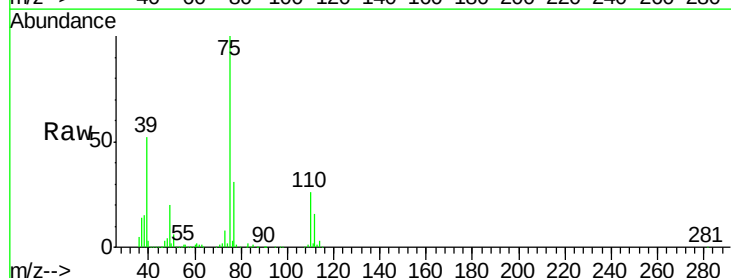
Tgt Ion: 75 Resp: 180144

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

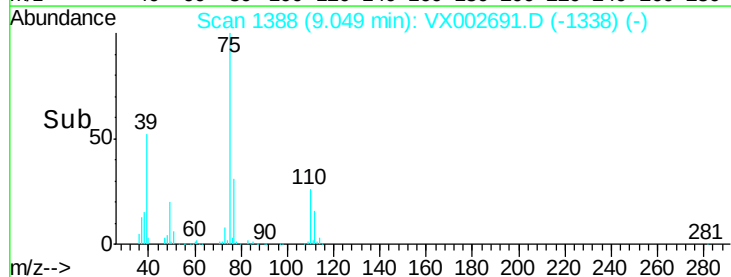
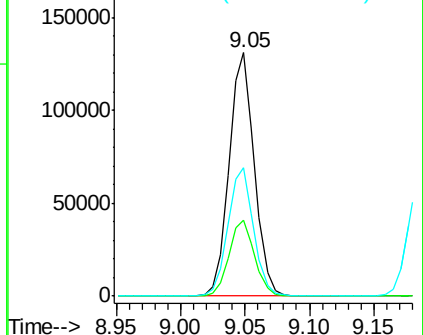
39 52.3 42.4 63.6

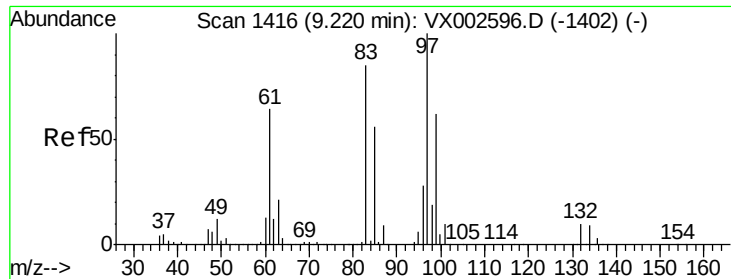


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





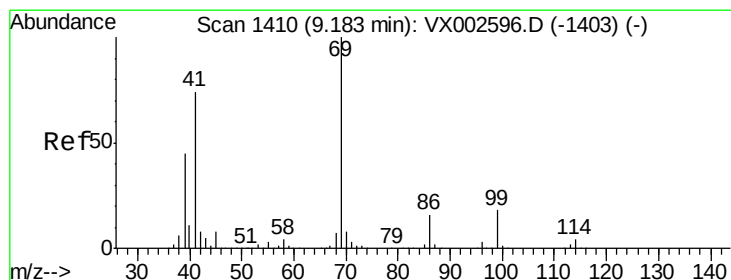
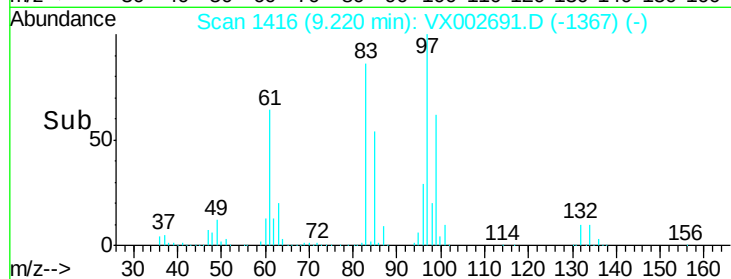
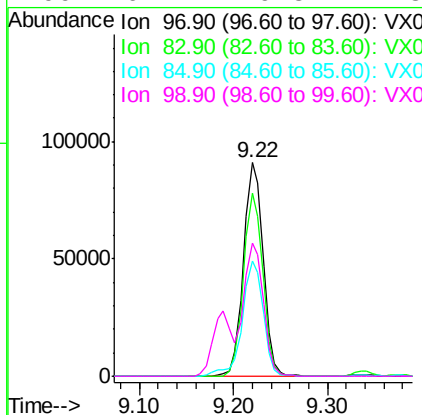
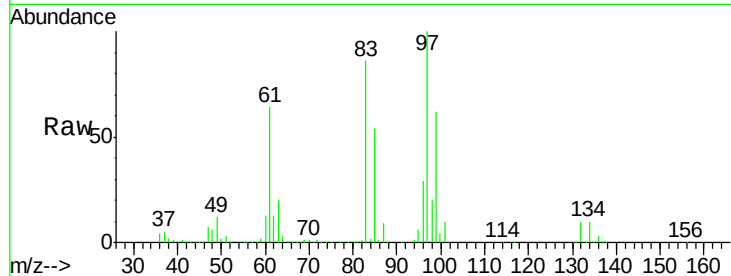
#55
 1,1,2-Trichloroethane
 Concen: 52.019 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	133012
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	53.9	44.9	67.3
99	62.4	49.8	74.8

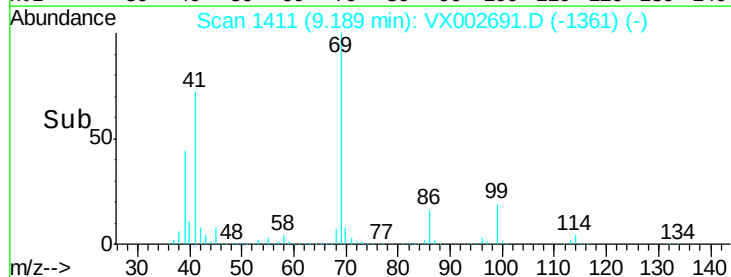
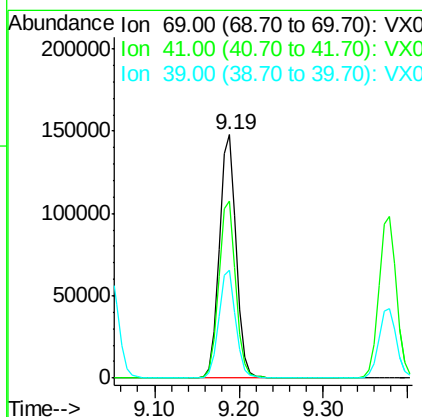
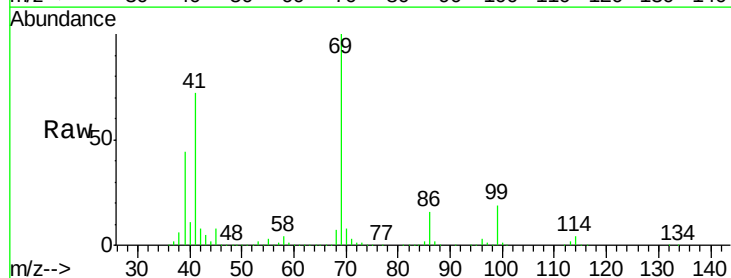
Manual Integrations
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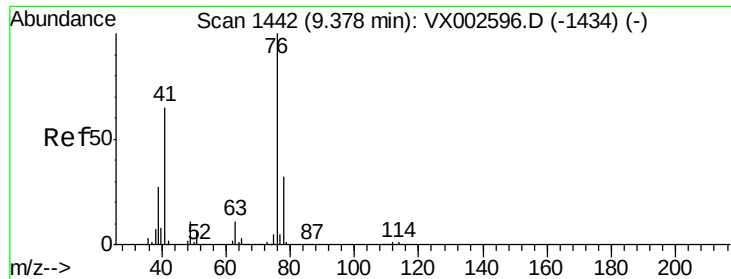
MMDadoda
 6/19/2018 1:05:45 PM



#56
 Ethyl methacrylate
 Concen: 51.850 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion:	69	Resp:	204030
Ion	Ratio	Lower	Upper
69	100		
41	73.0	60.3	90.5
39	44.7	35.8	53.8





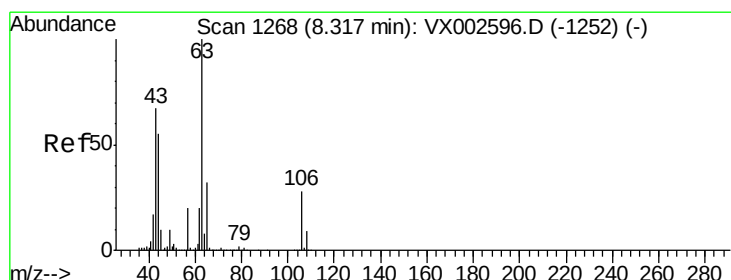
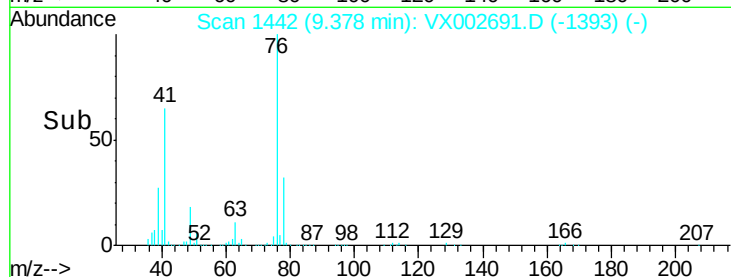
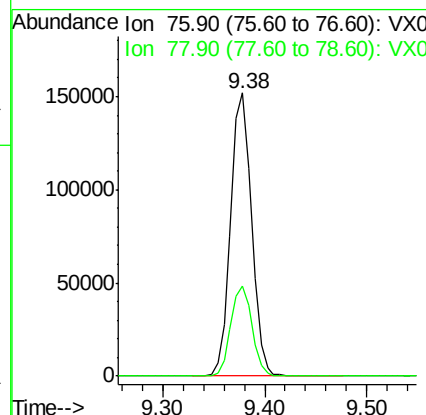
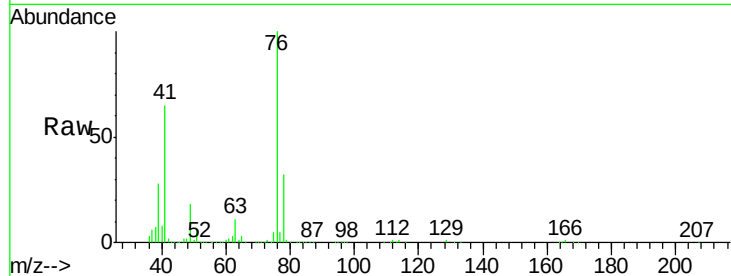
#57
 1,3-Dichloropropane
 Concen: 49.959 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

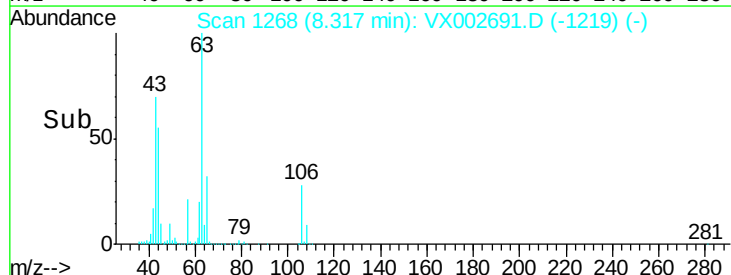
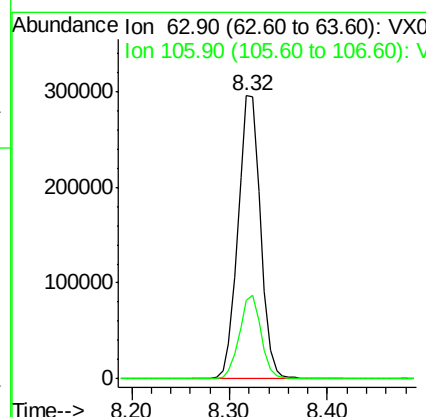
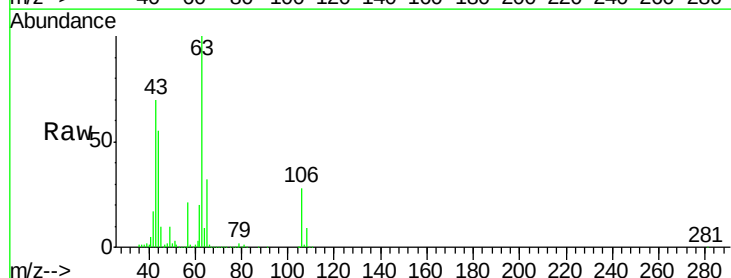
Manual Integrations
 APPROVED

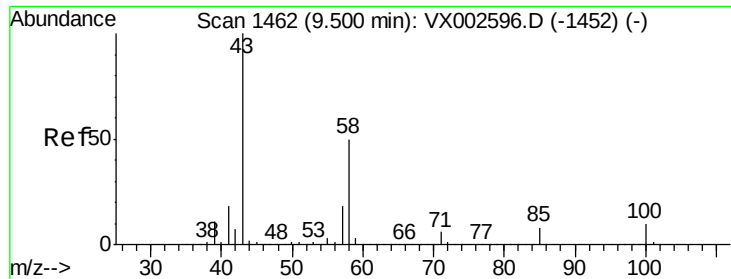
MMDadoda
 6/19/2018 1:05:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.311 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	21.8	32.8





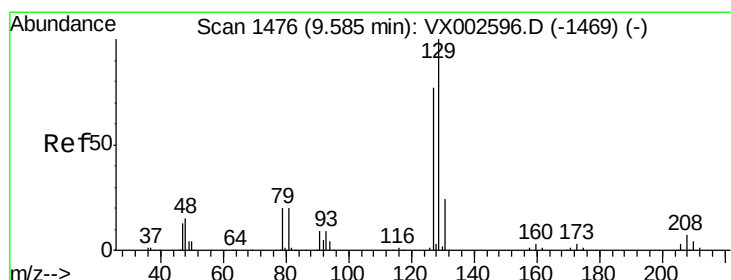
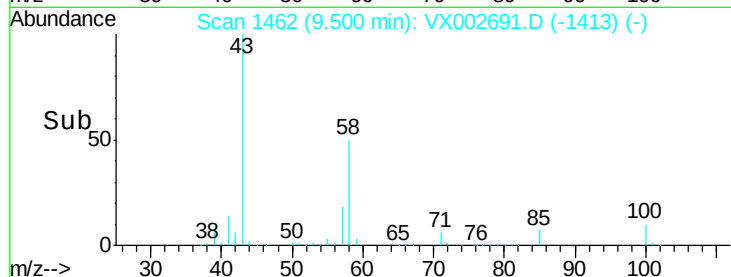
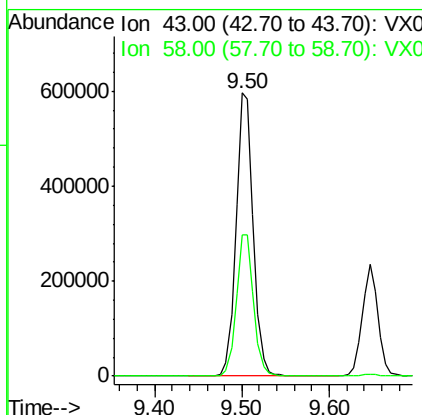
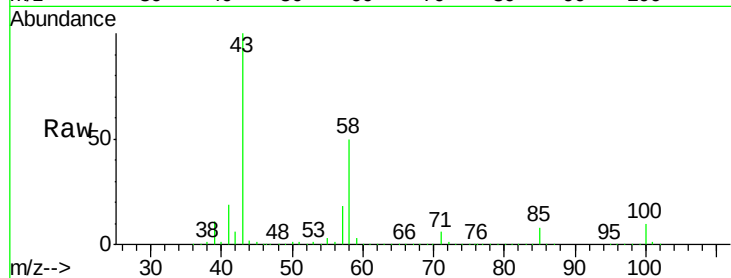
#59
2-Hexanone
Concen: 272.907 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 819201
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6

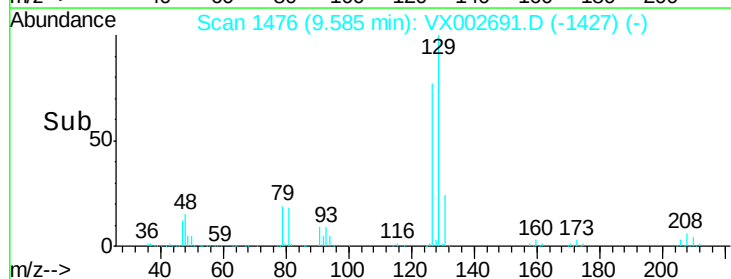
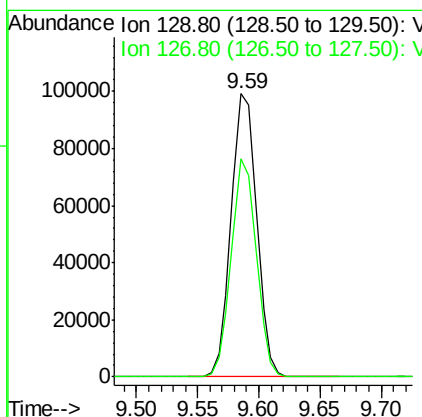
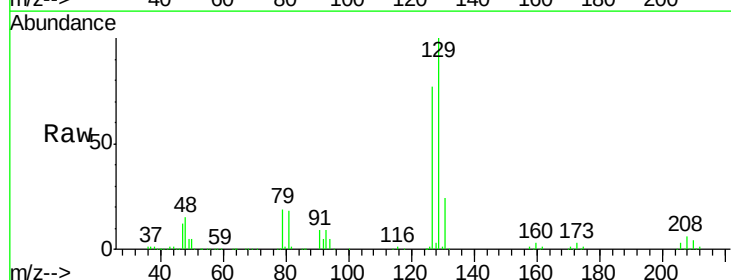
Manual Integrations
APPROVED

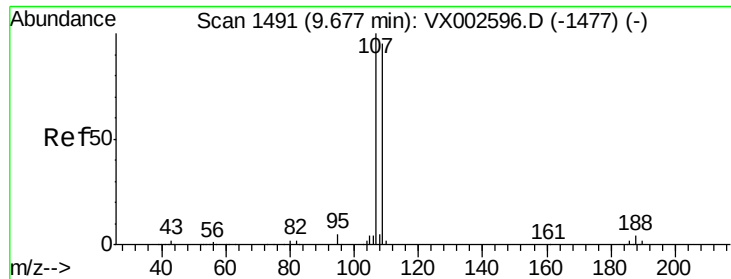
MMDadoda
6/19/2018 1:05:45 PM



#60
Dibromochloromethane
Concen: 49.962 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 129 Resp: 143699
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.380 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 141363

Ion Ratio Lower Upper

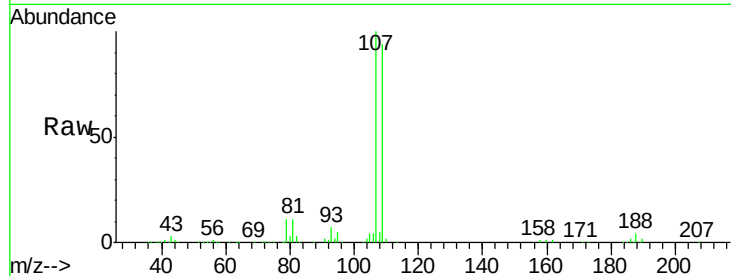
107 100

109 94.3 75.3 112.9

Manual Integrations
APPROVED

MMDadoda

6/19/2018 1:05:45 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

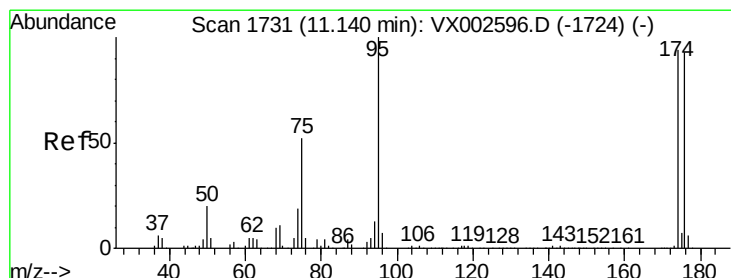
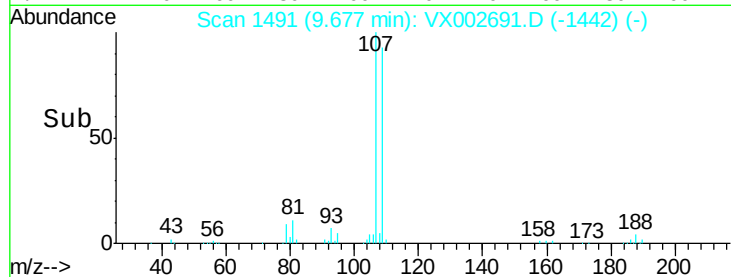
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.622 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

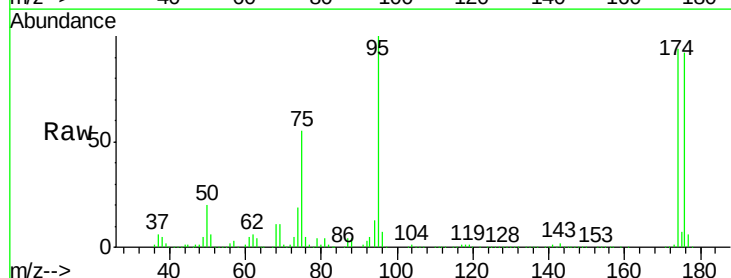
Tgt Ion: 95 Resp: 181078

Ion Ratio Lower Upper

95 100

174 97.6 0.0 187.4

176 96.0 0.0 181.0



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

200000

150000

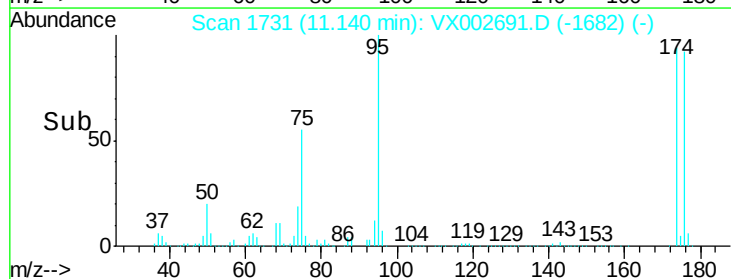
100000

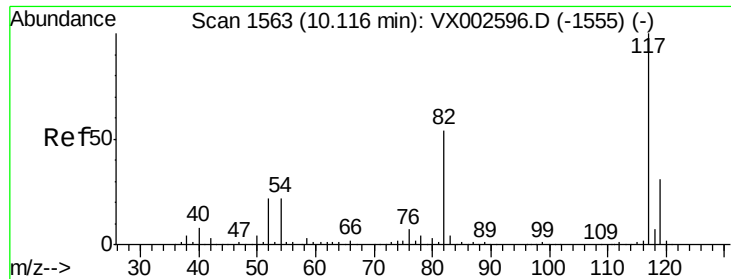
50000

0

11.05 11.10 11.15 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

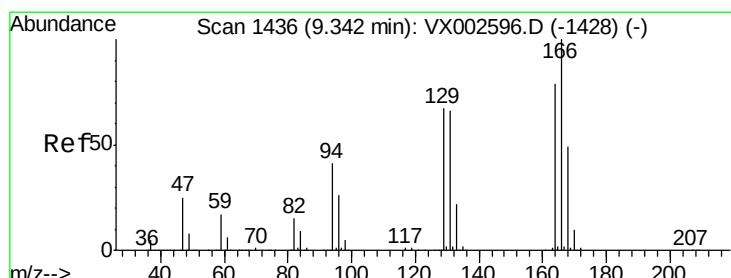
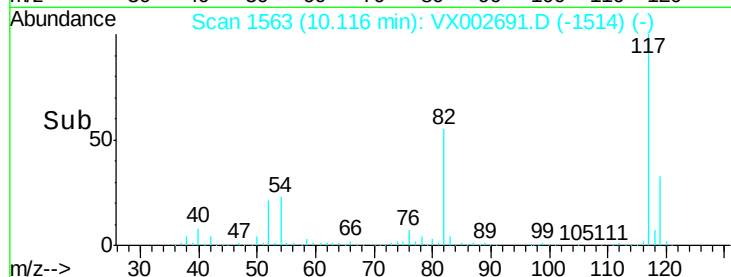
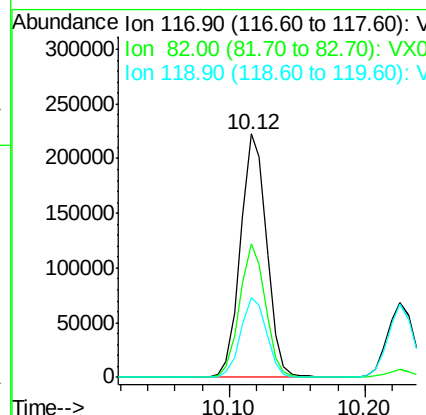
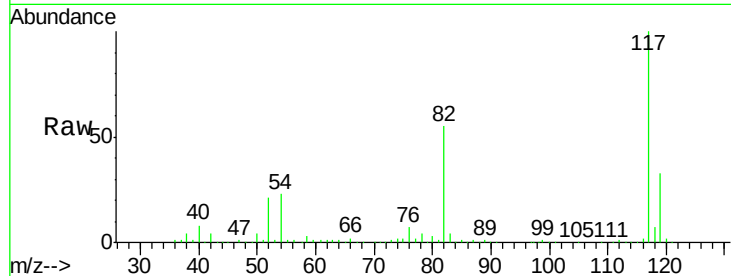
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	298119
Ion Ratio	Lower	Upper	
117	100		
82	54.8	45.0	67.4
119	33.0	25.8	38.6

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:45 PM



#64

Tetrachloroethene

Concen: 47.452 ug/l

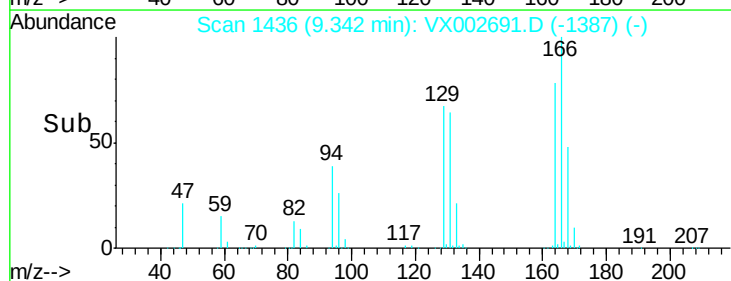
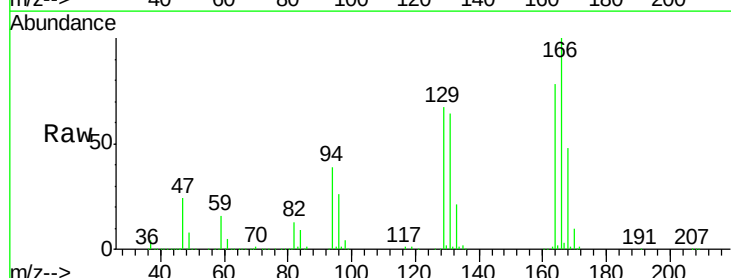
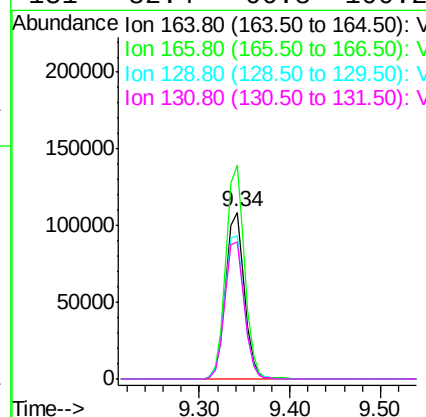
RT: 9.34 min Scan# 1436

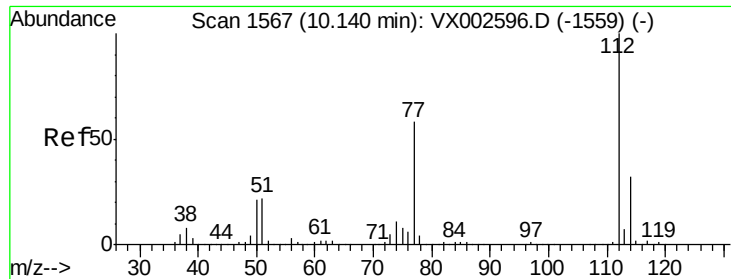
Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion:	164	Resp:	157030
Ion Ratio	Lower	Upper	
164	100		
166	128.0	102.9	154.3
129	85.9	68.6	102.8
131	82.4	66.8	100.2





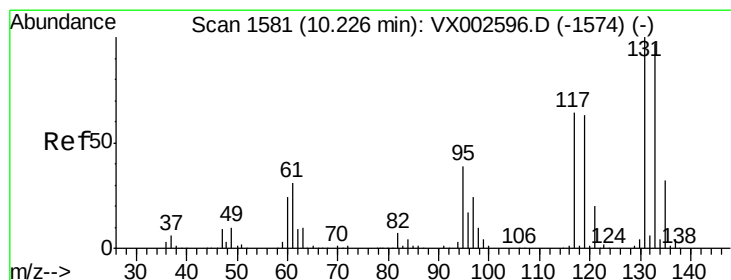
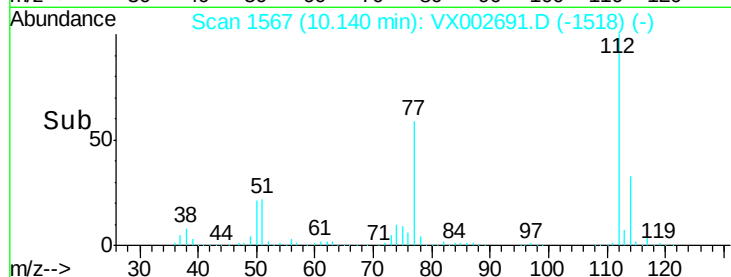
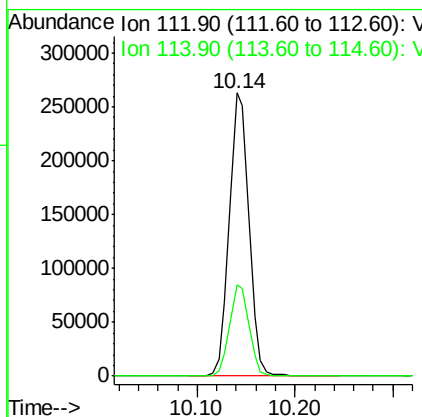
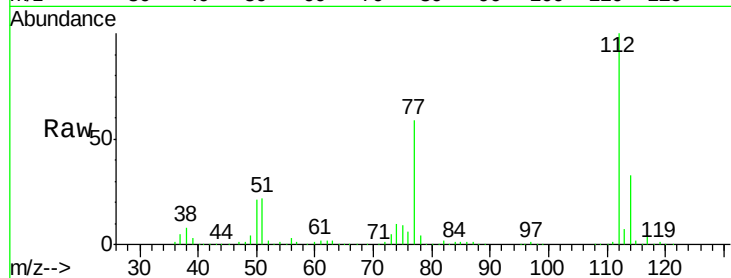
#65
Chlorobenzene
Concen: 50.096 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 366771
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

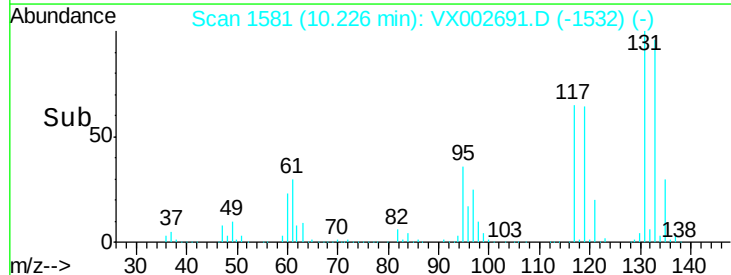
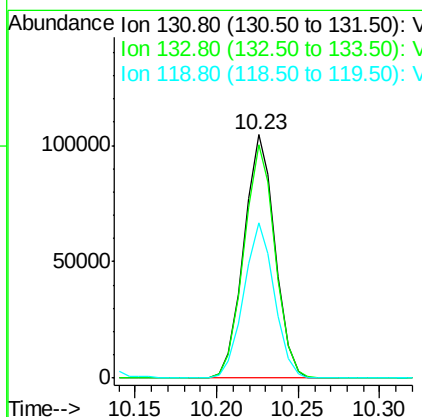
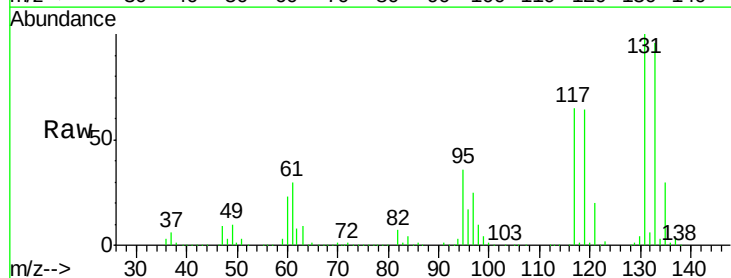
Manual Integrations
APPROVED

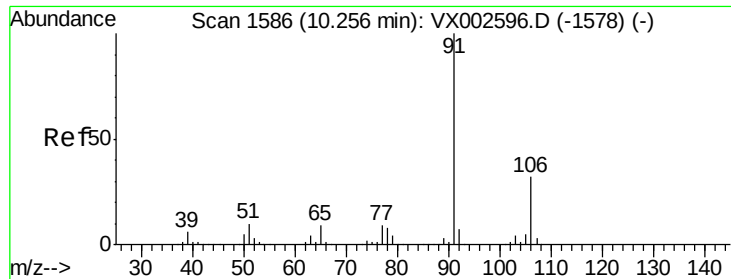
MMDadoda
6/19/2018 1:05:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.638 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion:131 Resp: 138874
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 62.8 31.8 95.3





#67

Ethyl Benzene

Concen: 51.023 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 630077

Ion Ratio Lower Upper

91 100

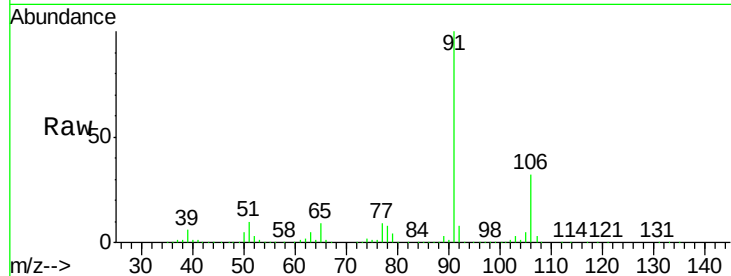
106 32.0 25.5 38.3

Manual Integrations

APPROVED

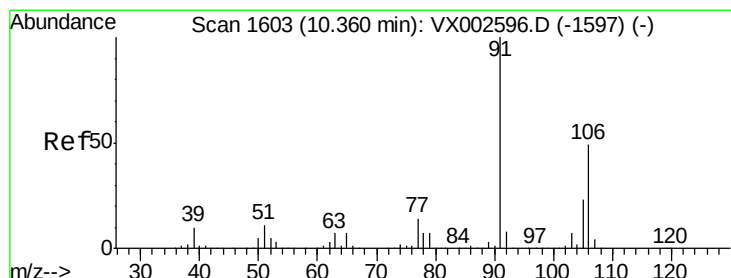
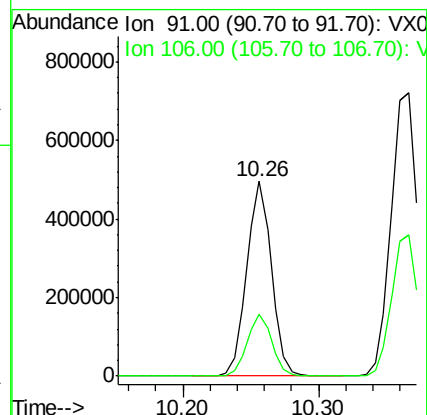
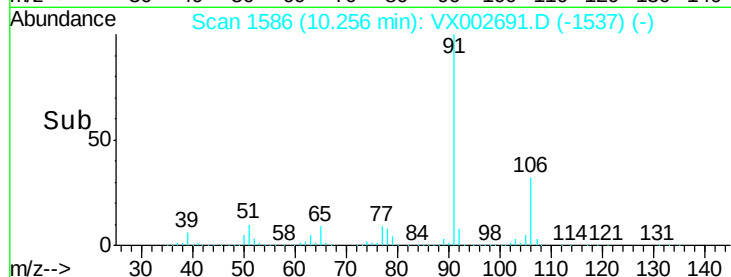
MMDadoda

6/19/2018 1:05:45 PM



Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX002596.D (-1578) (-)



#68

m/p-Xylenes

Concen: 102.487 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002691.D

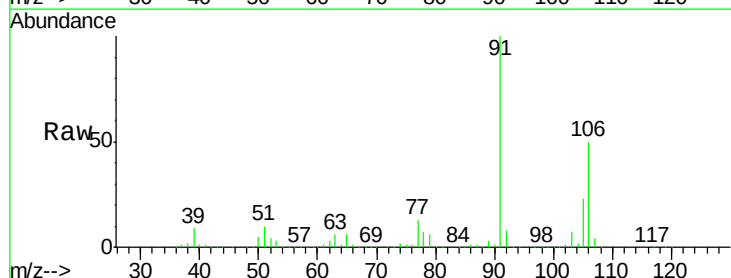
Acq: 18 Jun 2018 21:01

Tgt Ion: 106 Resp: 488198

Ion Ratio Lower Upper

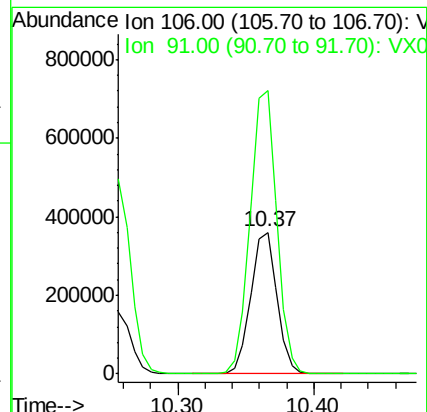
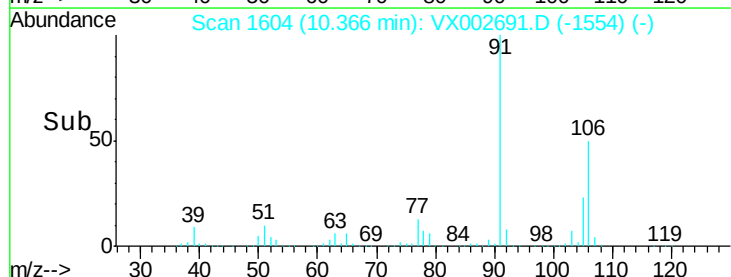
106 100

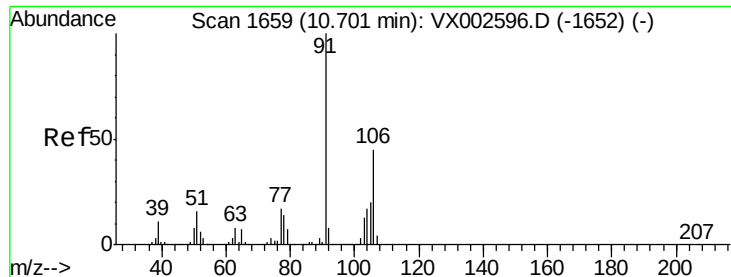
91 203.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX002596.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX002596.D (-1597) (-)





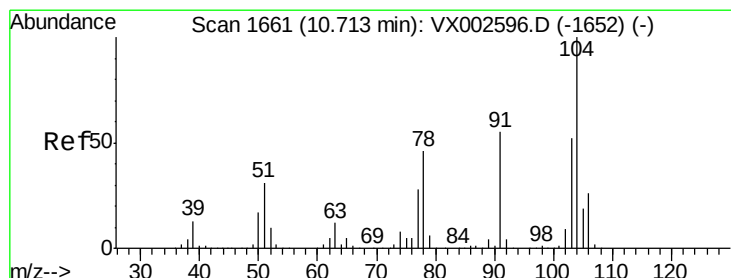
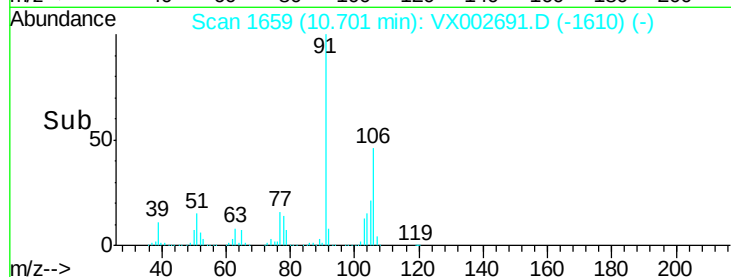
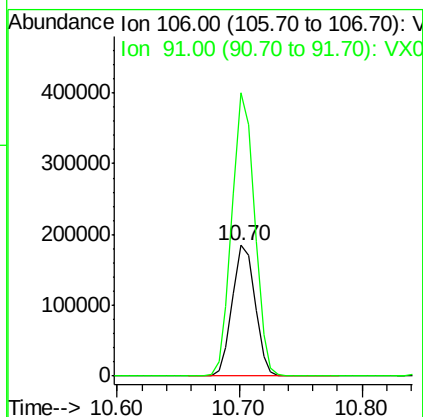
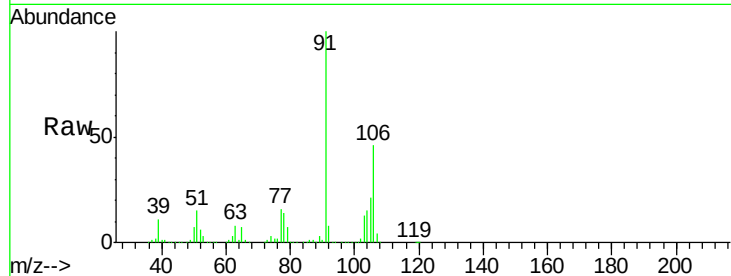
#69
o-Xylene
Concen: 51.114 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		239222		
91	214.2	108.2	324.6		

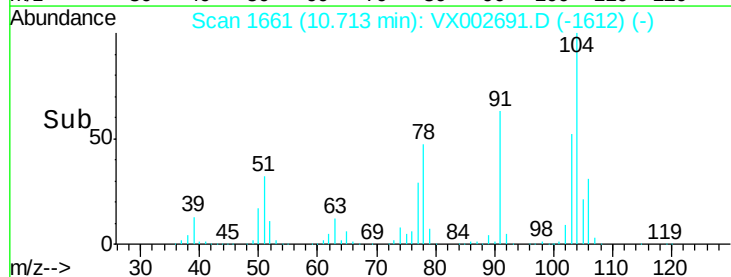
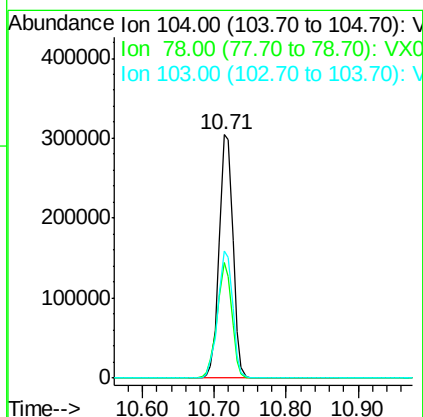
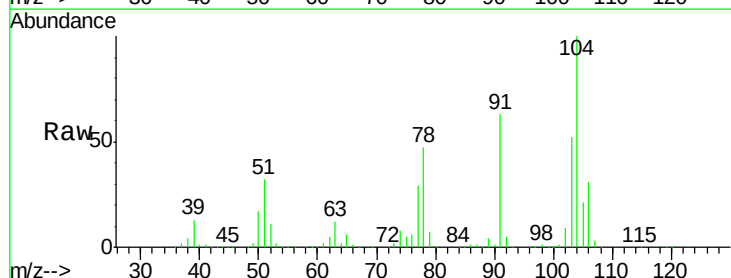
Manual Integrations
APPROVED

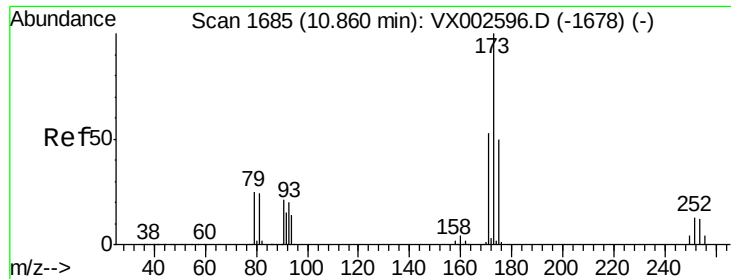
MMDadoda
6/19/2018 1:05:45 PM



#70
Styrene
Concen: 52.448 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		403680		
78	50.4	41.0	61.6		
103	56.1	44.2	66.4		





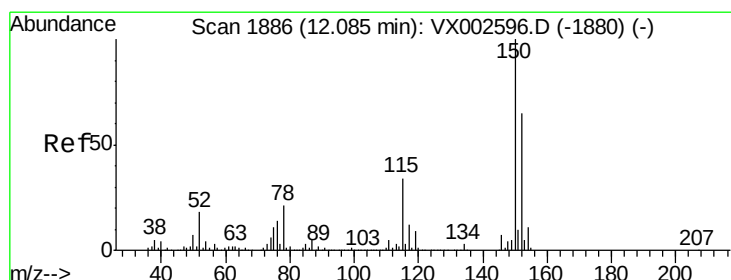
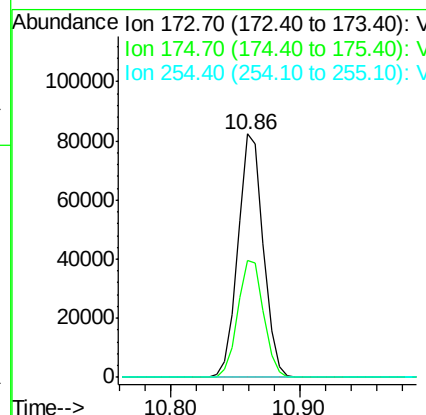
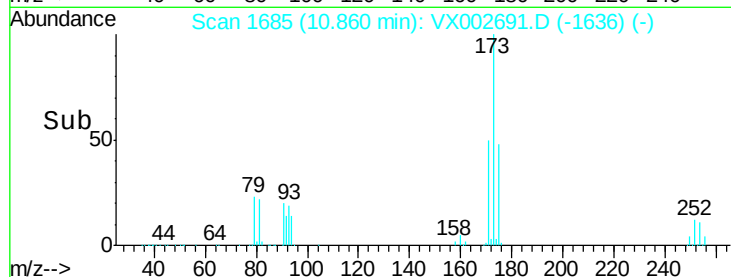
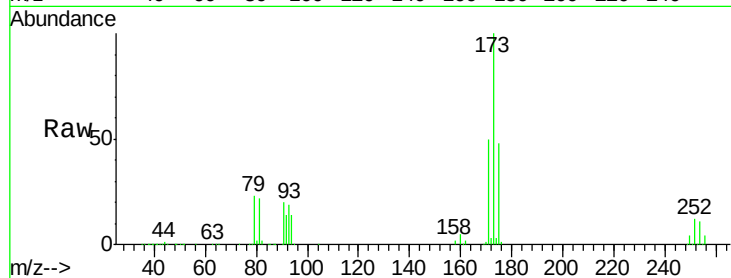
#71
Bromoform
Concen: 49.564 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

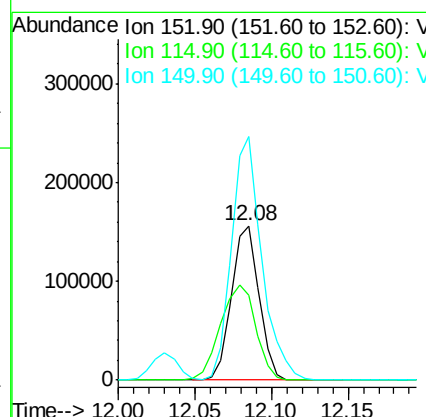
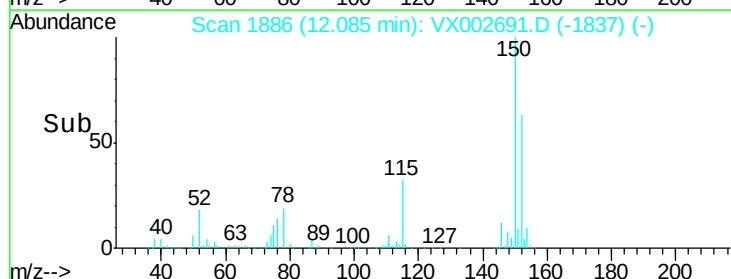
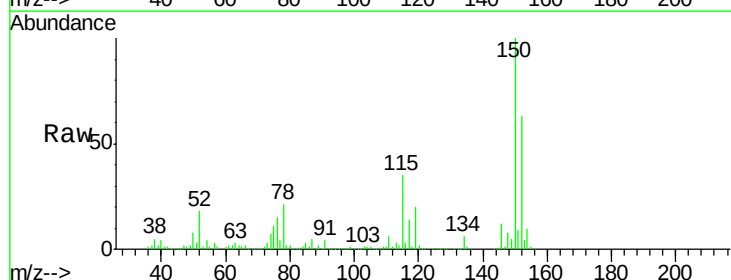
Manual Integrations
APPROVED

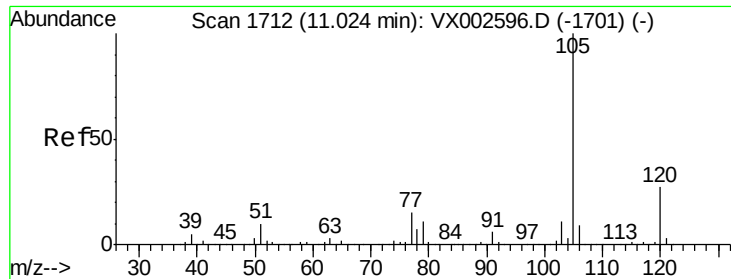
MMDadoda
6/19/2018 1:05:45 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	40.1	120.2
150	173.9	0.0	347.2





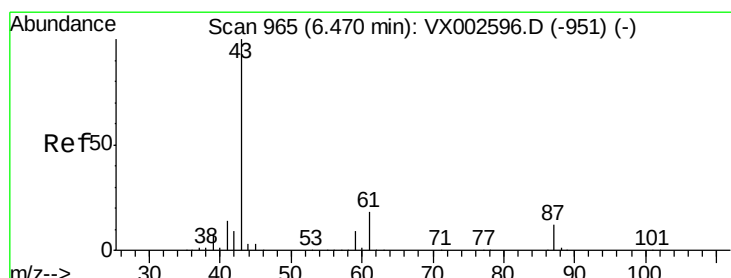
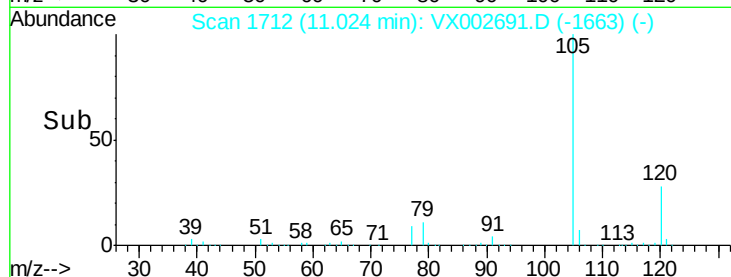
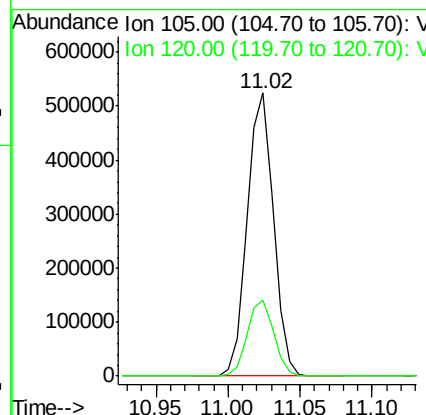
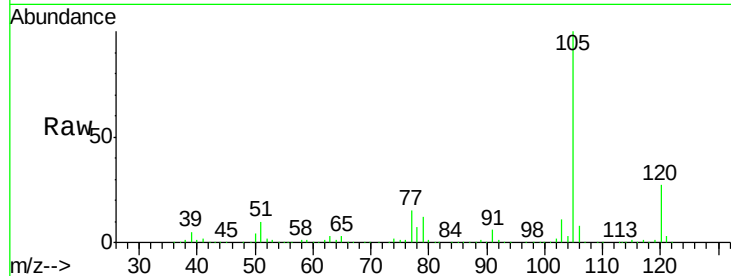
#73
Isopropylbenzene
Concen: 50.896 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.4

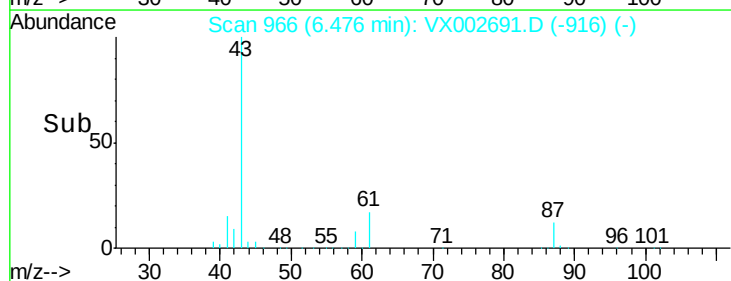
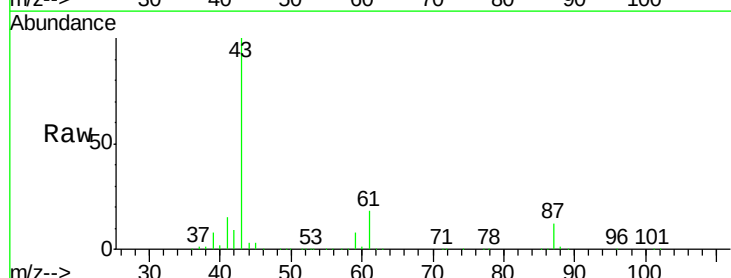
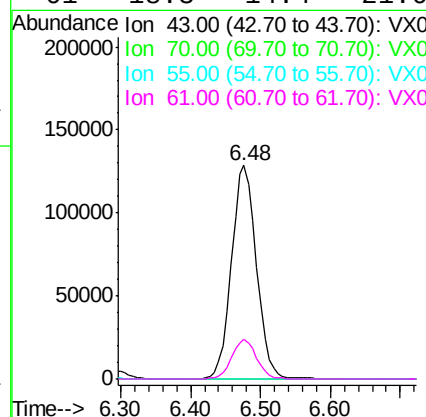
Manual Integrations
APPROVED

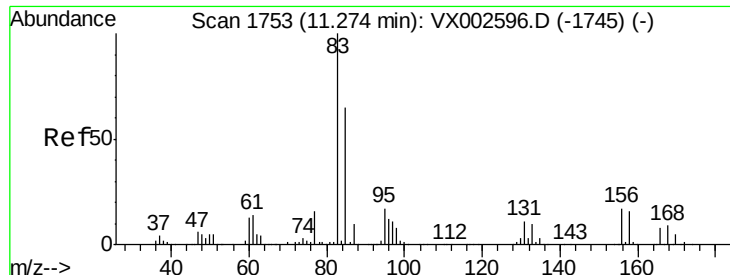
MMDadoda
6/19/2018 1:05:45 PM



#74
N-ethyl acetate
Concen: 48.965 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	18.3	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.221 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 204142

Ion Ratio Lower Upper

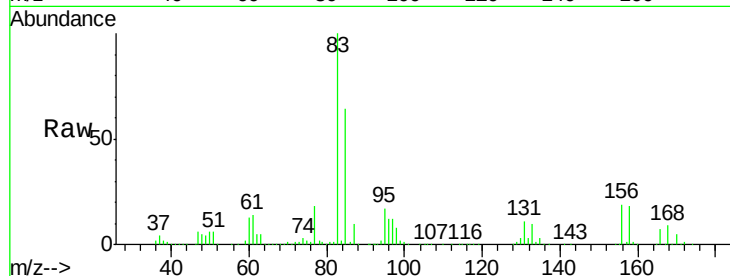
83 100

131 11.2 5.6 16.8

85 64.6 32.4 97.2

Manual Integrations
APPROVED

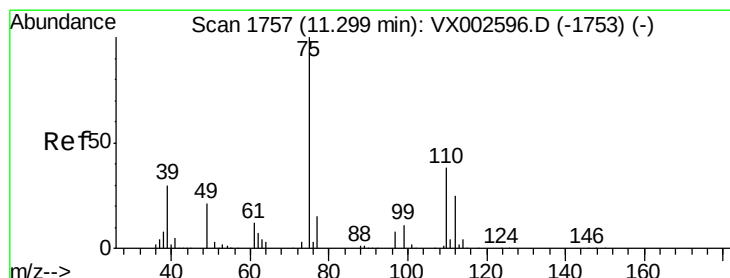
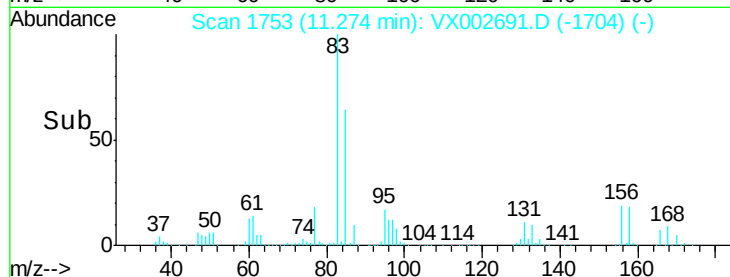
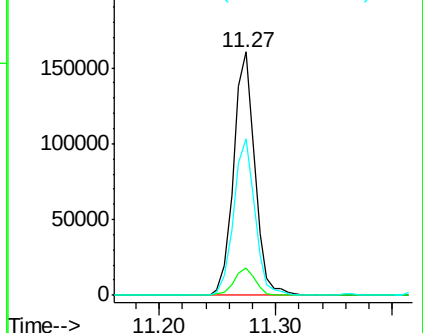
MMDadoda
6/19/2018 1:05:45 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.333 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002691.D

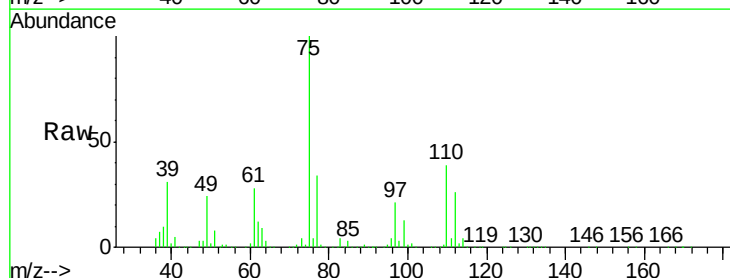
Acq: 18 Jun 2018 21:01

Tgt Ion: 75 Resp: 199117

Ion Ratio Lower Upper

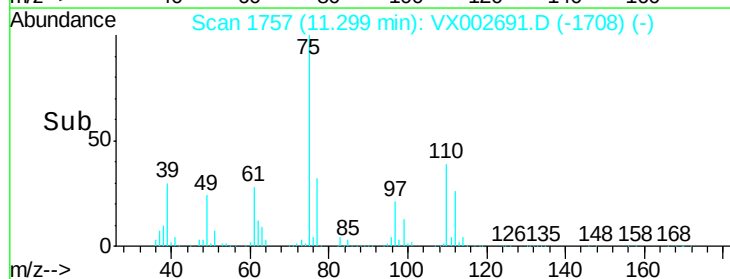
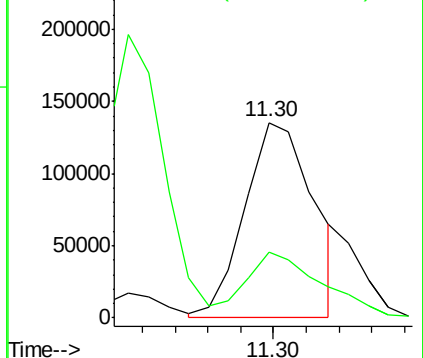
75 100

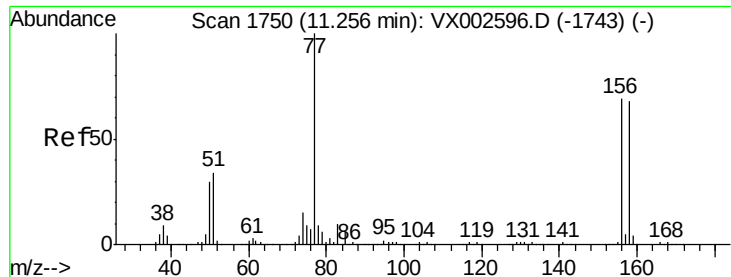
77 37.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.096 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 181279

Ion Ratio Lower Upper

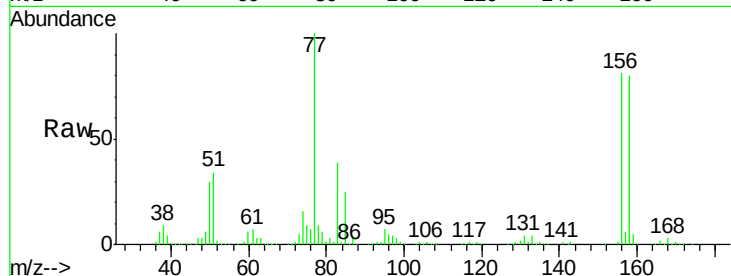
156 100

77 136.6 71.4 214.2

158 98.0 48.9 146.6

Manual Integrations
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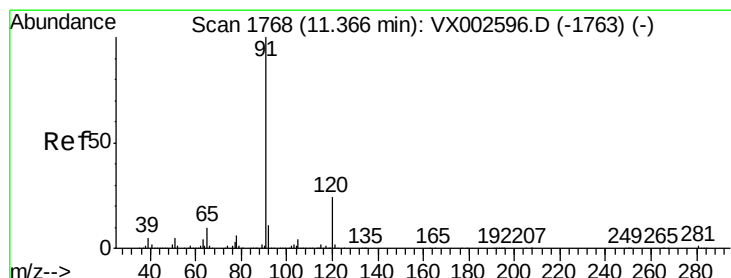
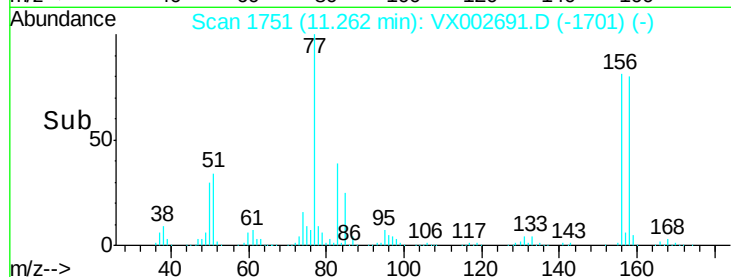
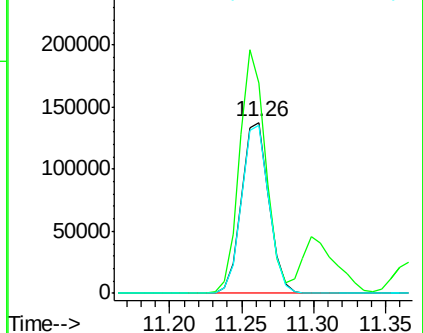
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.536 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002691.D

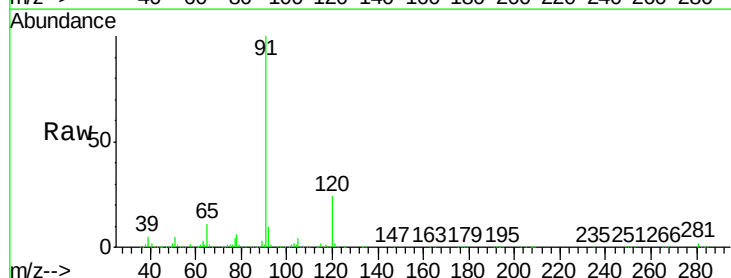
Acq: 18 Jun 2018 21:01

Tgt Ion: 91 Resp: 752798

Ion Ratio Lower Upper

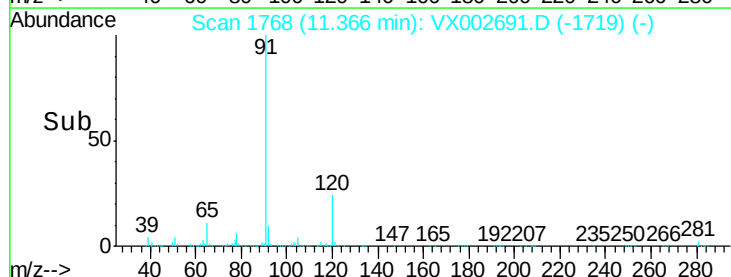
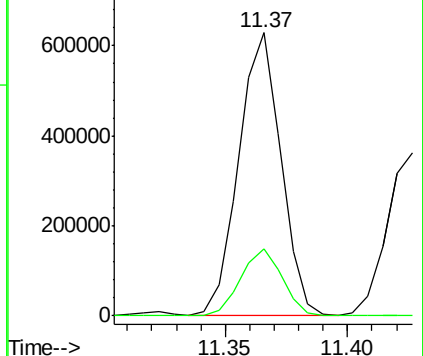
91 100

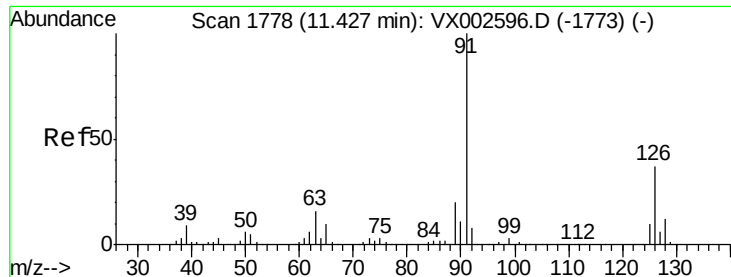
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.845 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 443317

Ion Ratio Lower Upper

91 100

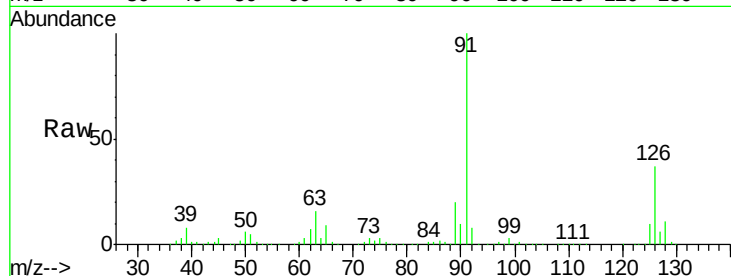
126 36.2 17.7 53.1

Manual Integrations

APPROVED

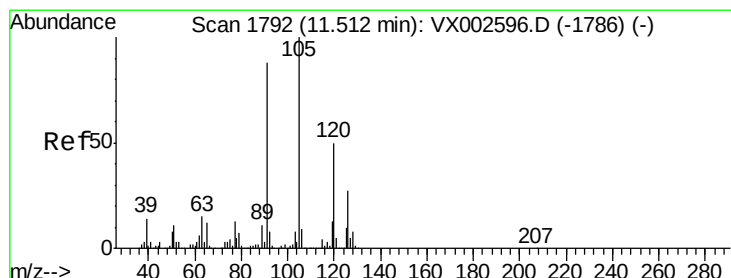
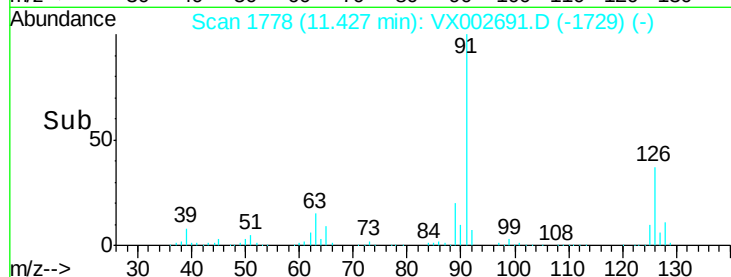
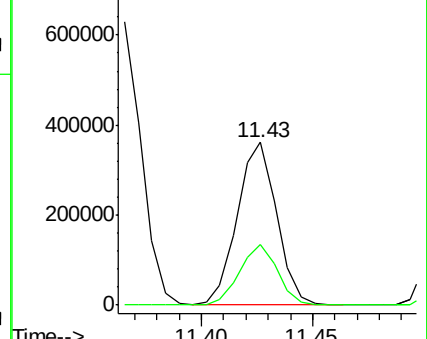
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.930 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002691.D

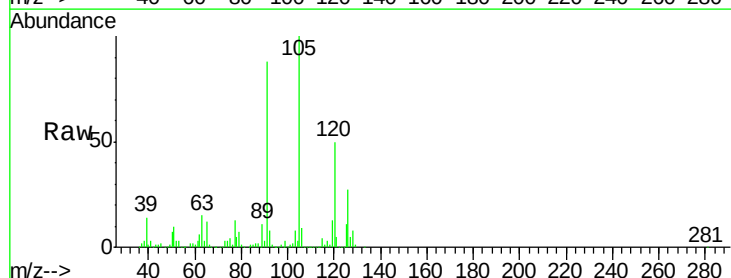
Acq: 18 Jun 2018 21:01

Tgt Ion:105 Resp: 559054

Ion Ratio Lower Upper

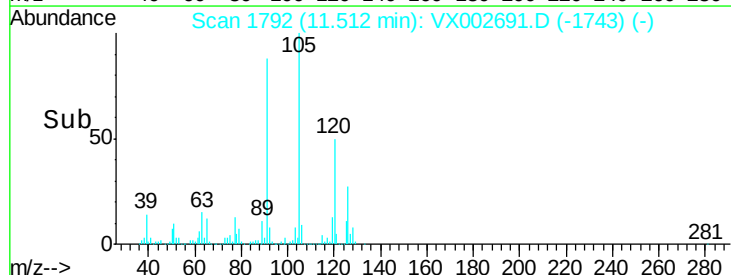
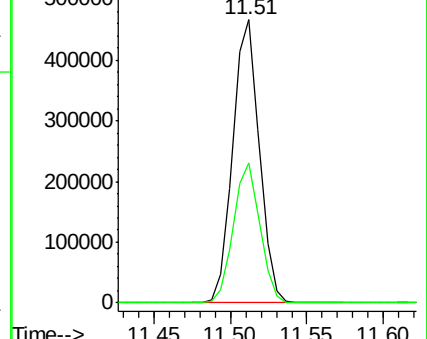
105 100

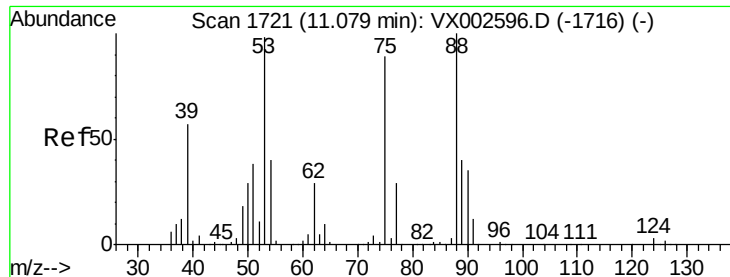
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





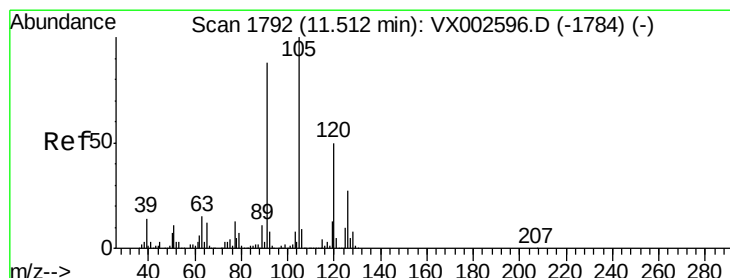
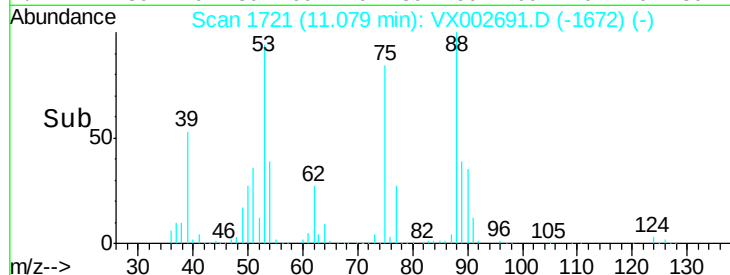
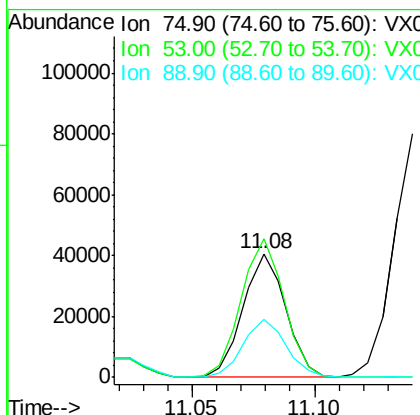
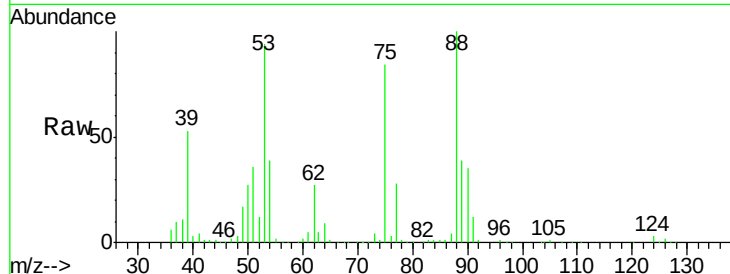
#81
trans-1,4-Dichloro-2-butene
Concen: 43.530 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.9	86.8	130.2
89	47.4	38.2	57.2

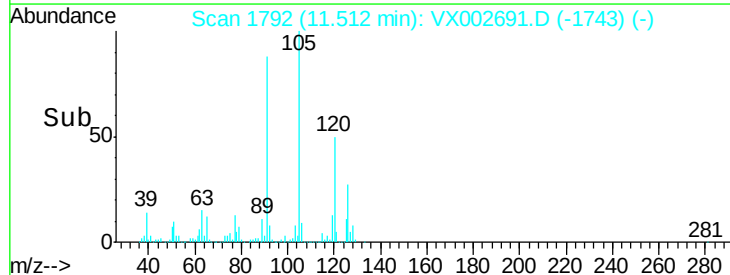
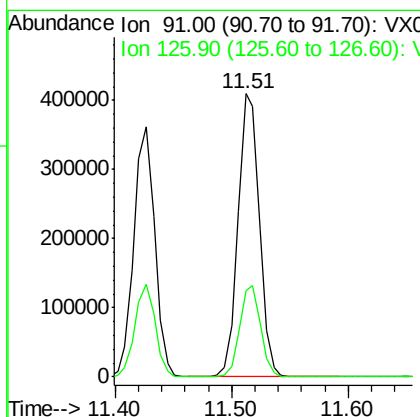
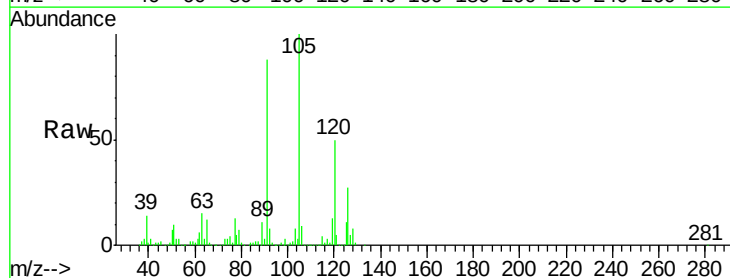
Manual Integrations
APPROVED

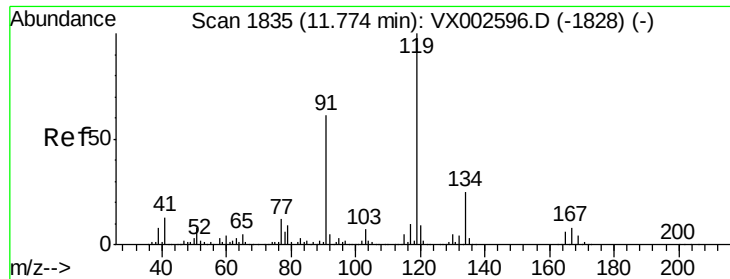
MMDadoda
6/19/2018 1:05:45 PM



#82
4-Chlorotoluene
Concen: 49.923 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.4	46.4





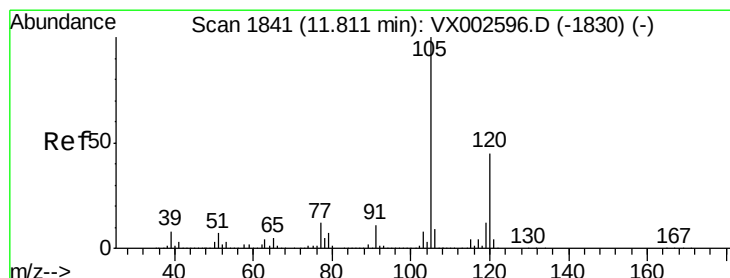
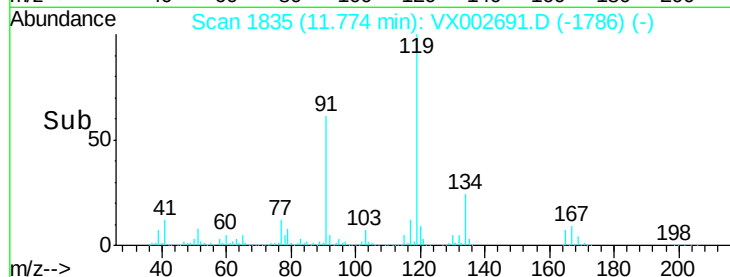
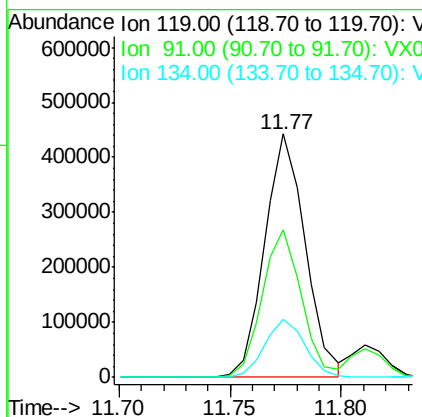
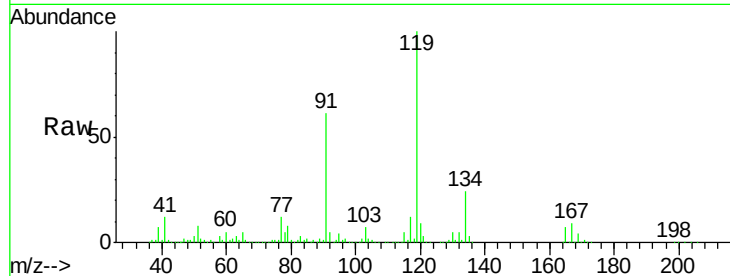
#83
 tert-Butylbenzene
 Concen: 53.000 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	560462		
91	58.9		30.3	90.9
134	23.8		11.7	35.1

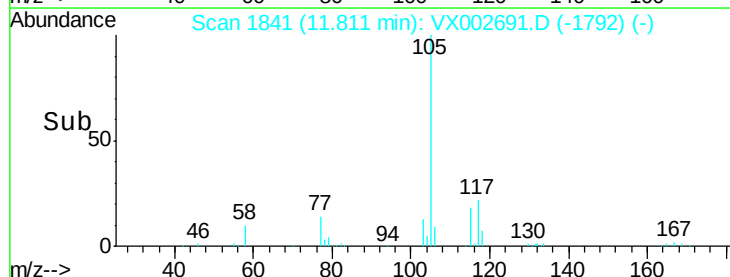
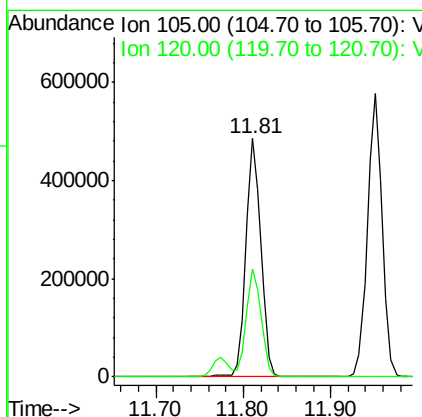
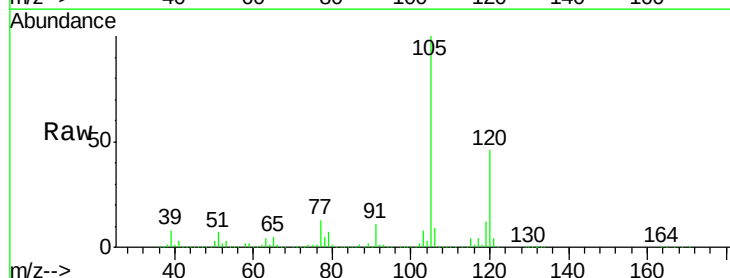
Manual Integrations
 APPROVED

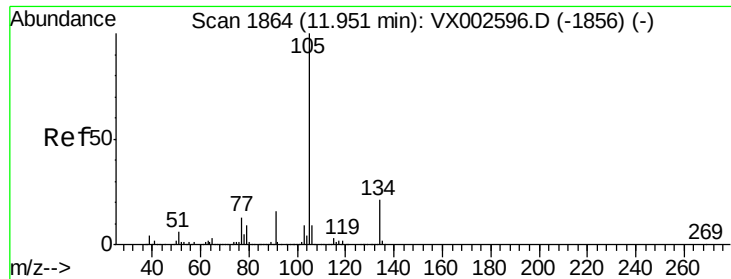
MMDadoda
 6/19/2018 1:05:45 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.555 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577462		
120	45.2		22.3	66.8





#85

sec-Butylbenzene

Concen: 51.914 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 682610

Ion Ratio Lower Upper

105 100

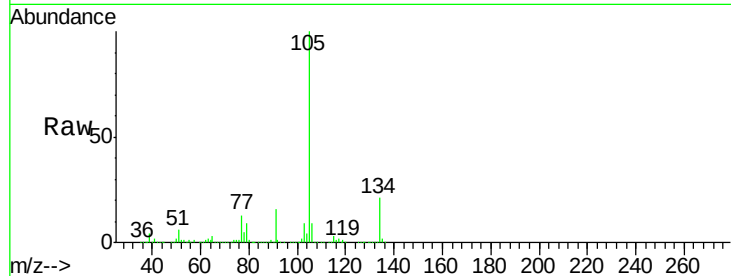
134 21.1 10.4 31.1

Manual Integrations

APPROVED

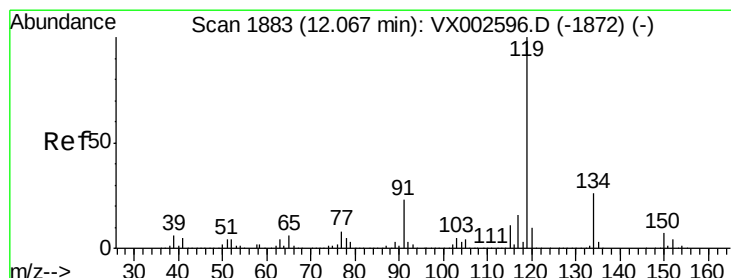
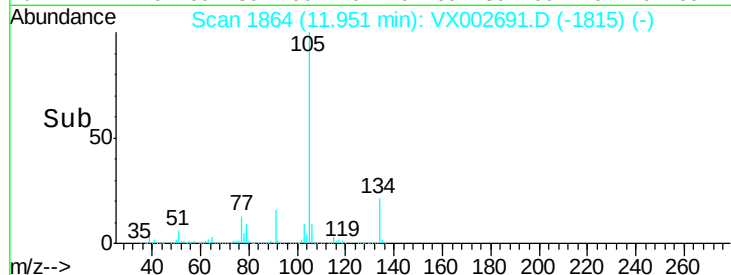
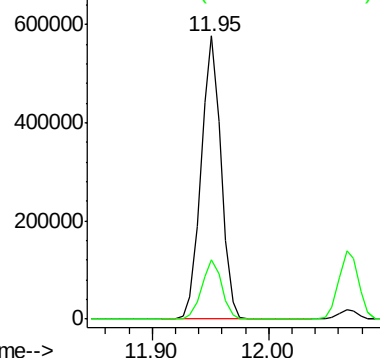
MMDadoda

6/19/2018 1:05:45 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.629 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

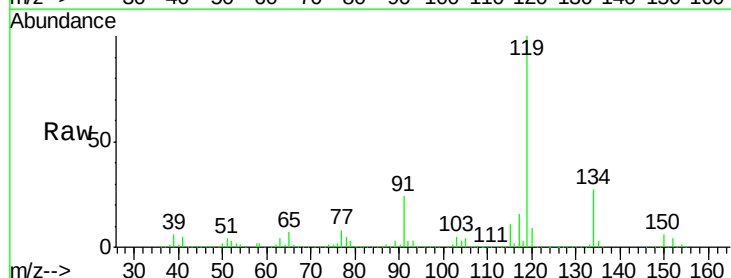
Tgt Ion:119 Resp: 614239

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

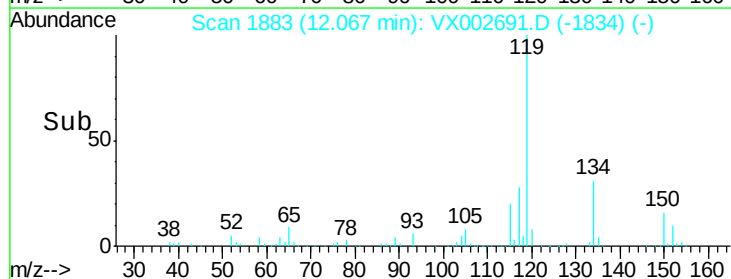
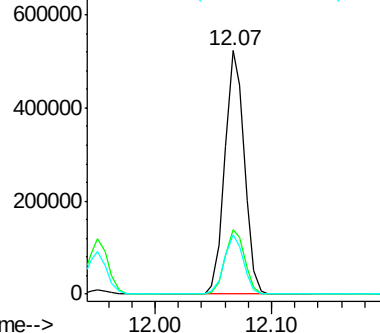
91 23.8 11.9 35.7

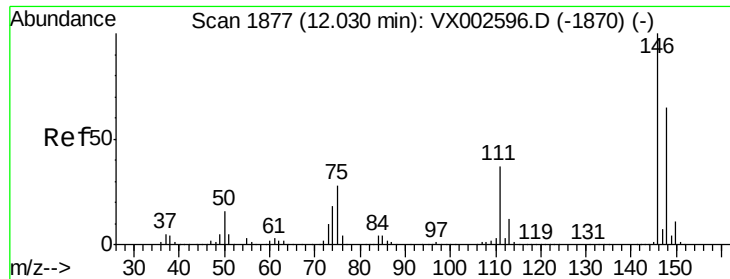


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





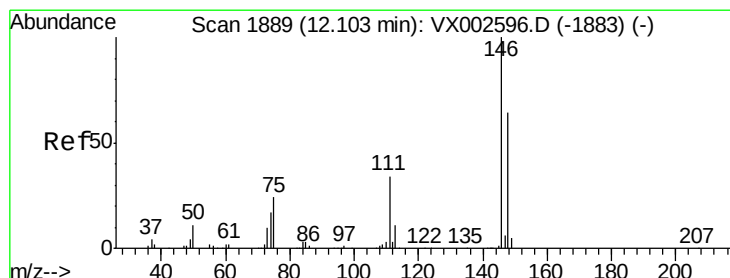
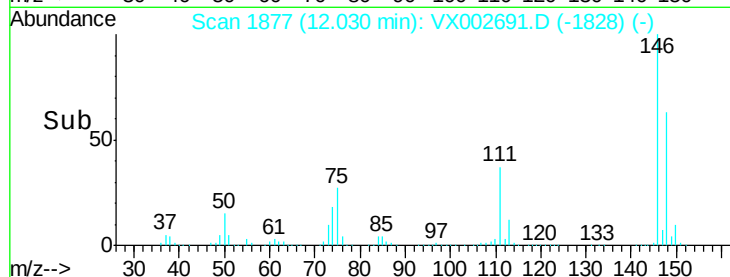
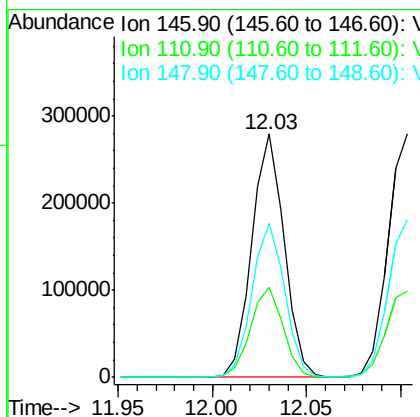
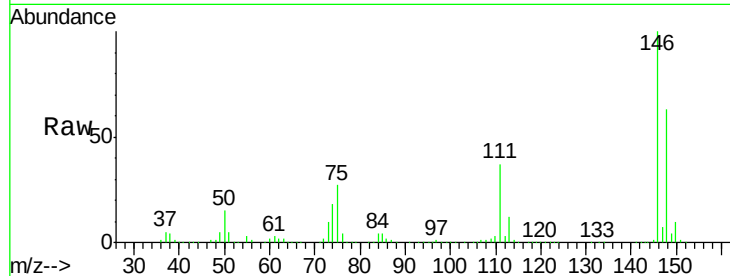
#87
 1,3-Dichlorobenzene
 Concen: 50.218 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.0	32.1	96.3

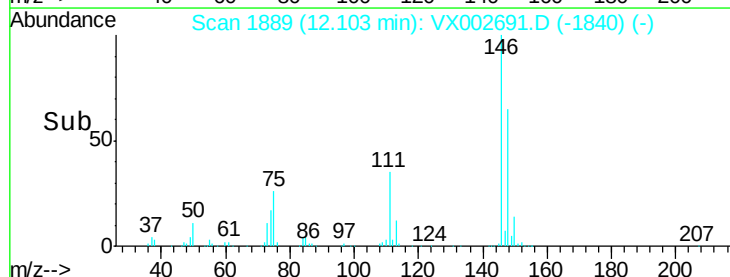
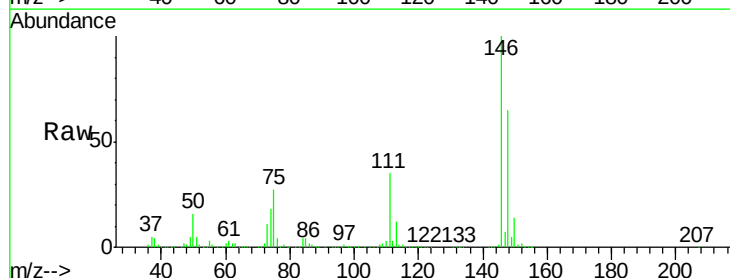
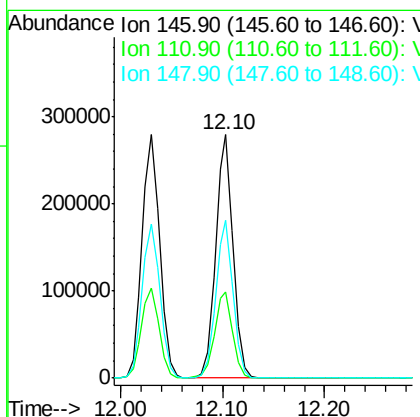
Manual Integrations
 APPROVED

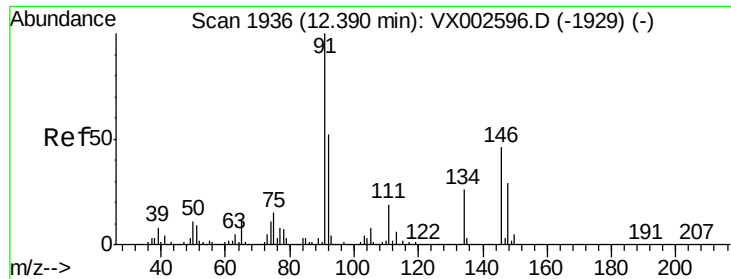
MMDadoda
 6/19/2018 1:05:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.556 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.7	32.4	97.0





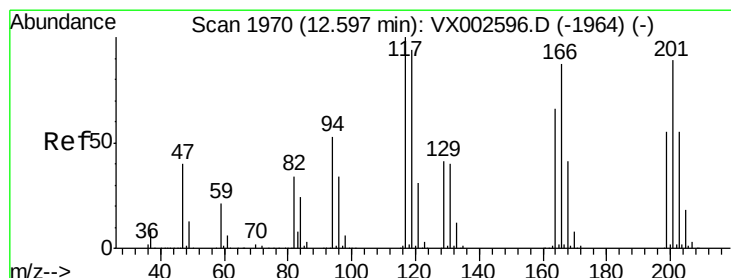
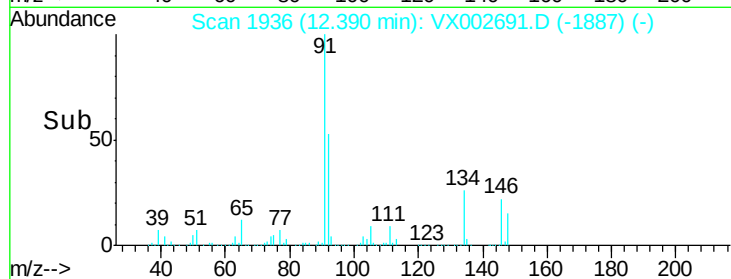
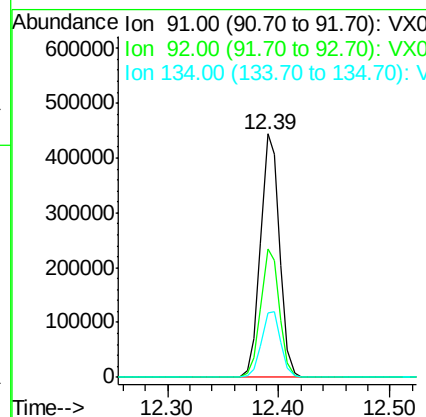
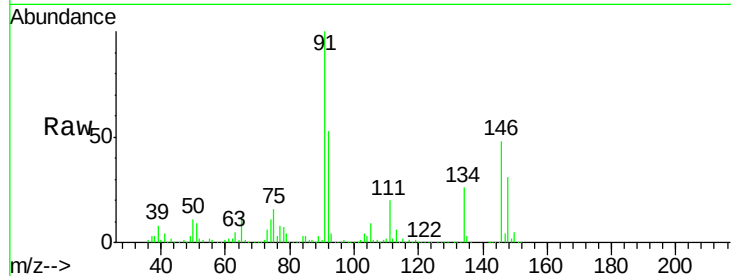
#89
n-Butylbenzene
Concen: 50.376 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.5	13.5	40.5

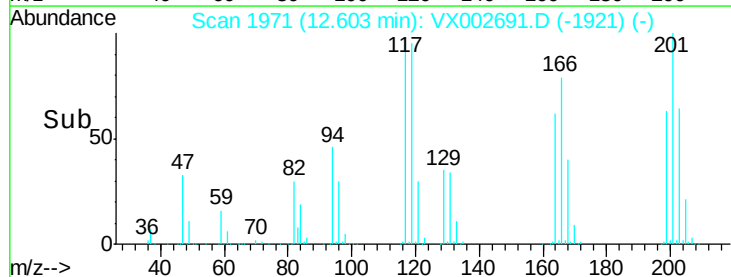
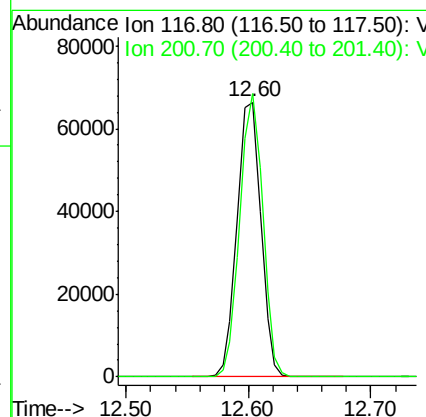
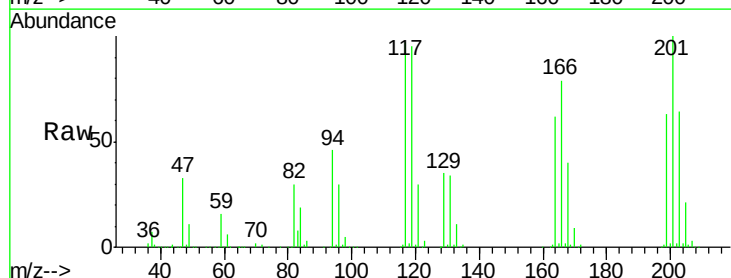
Manual Integrations
APPROVED

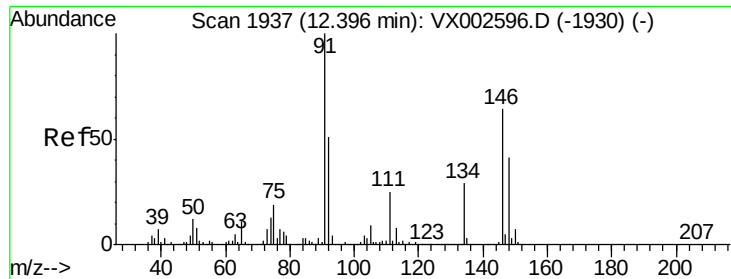
MMDadoda
6/19/2018 1:05:45 PM



#90
Hexachloroethane
Concen: 48.231 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.3	49.0	147.0





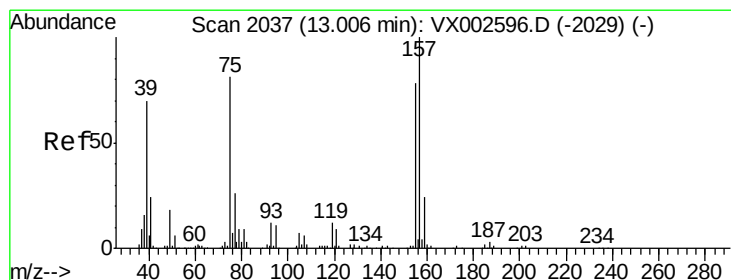
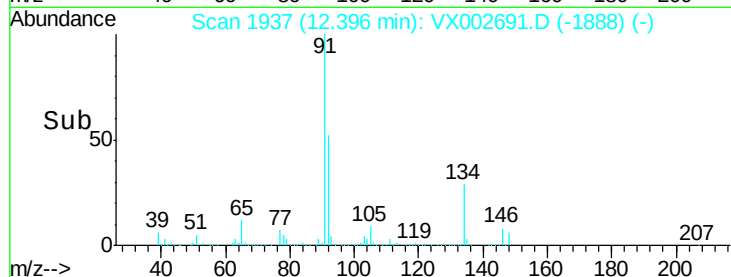
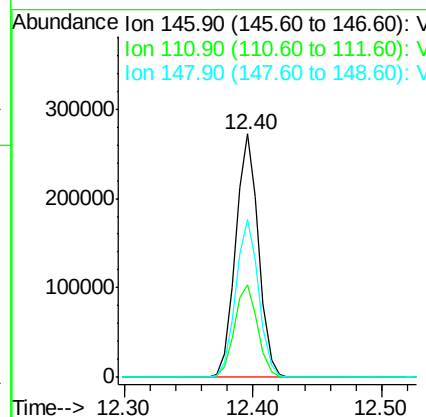
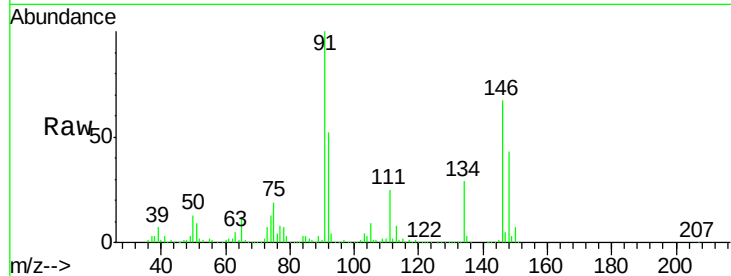
#91
 1,2-Dichlorobenzene
 Concen: 50.601 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	64.9	31.7	95.1

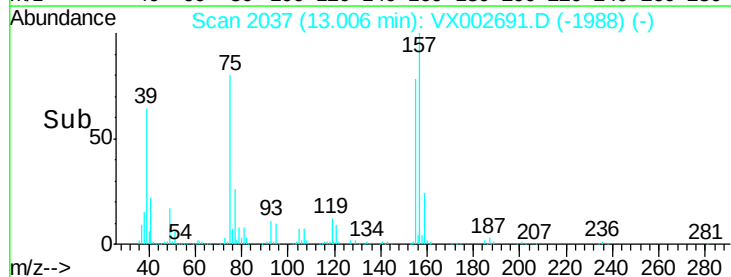
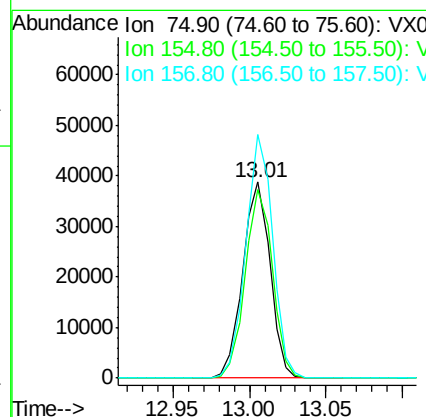
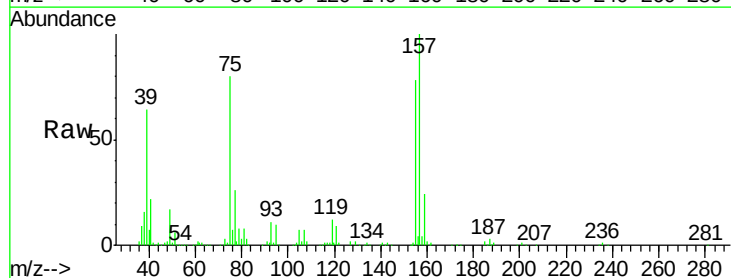
Manual Integrations
 APPROVED

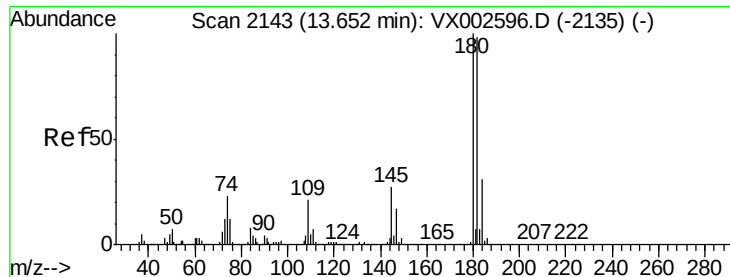
MMDadoda
 6/19/2018 1:05:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.989 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	45.8	137.4
157	121.9	60.1	180.3





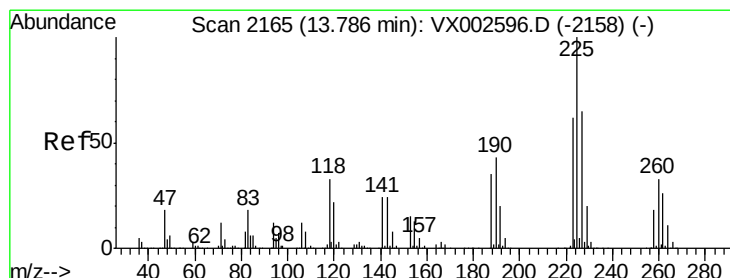
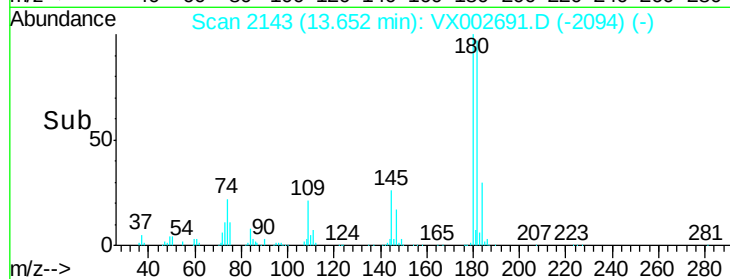
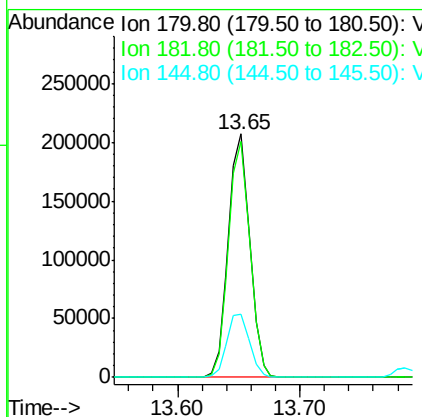
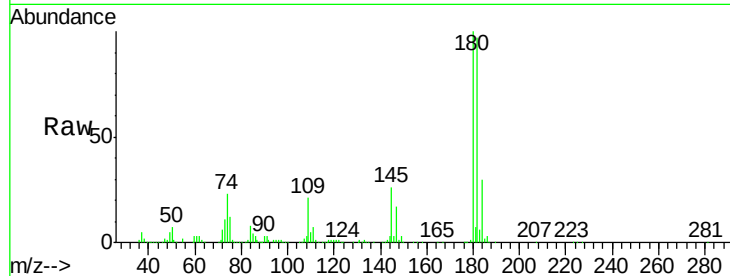
#93
 1,2,4-Trichlorobenzene
 Concen: 51.849 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	251336		
182	96.7	47.7	143.1	
145	27.4	14.1	42.4	

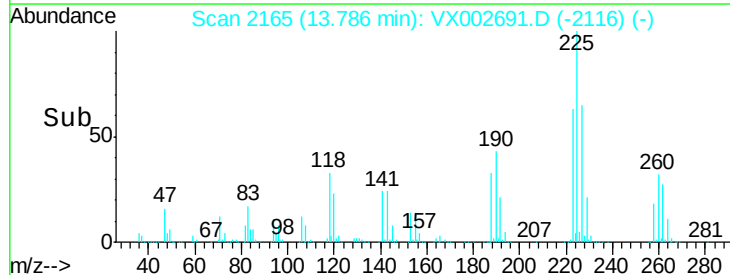
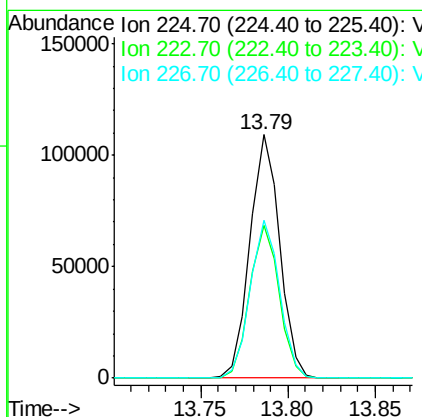
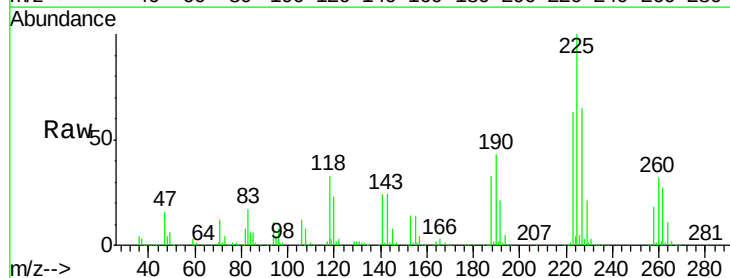
Manual Integrations
 APPROVED

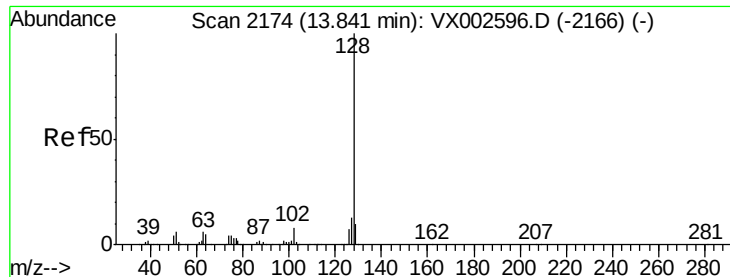
MMDadoda
 6/19/2018 1:05:45 PM



#94
 Hexachlorobutadiene
 Concen: 50.547 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129073		
223	62.3	31.6	95.0	
227	64.2	32.4	97.2	





#95

Naphthalene

Concen: 55.099 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

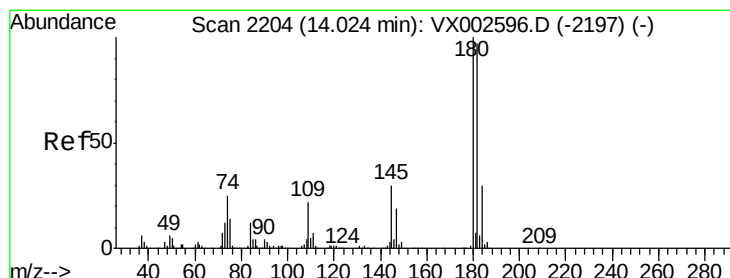
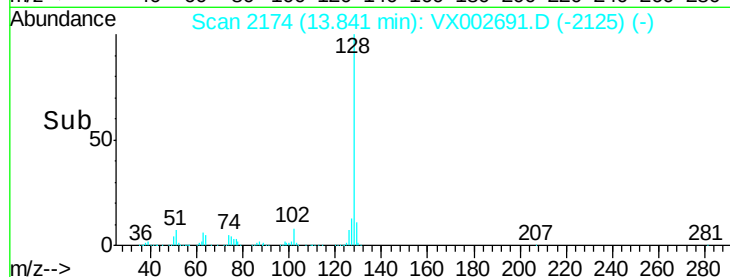
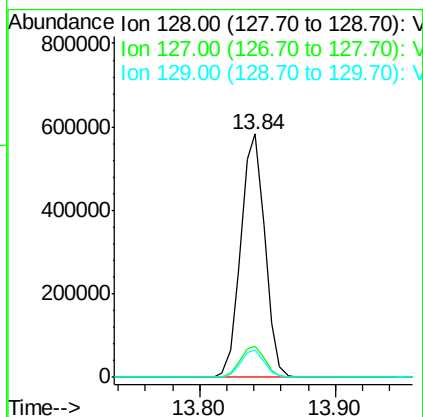
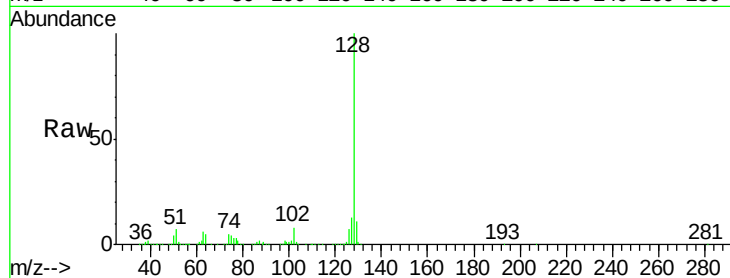
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	718722
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.790 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion:	180	Resp:	257013
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.0	144.0
145	29.6	14.8	44.3

