

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002903.D
 Acq On : 26 Jun 2018 19:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:08 PM

Quant Time: Jun 27 03:57:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181022	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.51	113	145794	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.72	98	539251	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.14	95	210764	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111202	46.42	ug/l	98
3) Chloromethane	1.32	50	116863	46.94	ug/l	98
4) Vinyl Chloride	1.40	62	135608	44.71	ug/l	96
5) Bromomethane	1.64	94	77298	54.87	ug/l	100
6) Chloroethane	1.72	64	85182	47.78	ug/l	100
7) Trichlorofluoromethane	1.93	101	240023	46.92	ug/l	99
8) Diethyl Ether	2.19	74	86493	46.51	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137553	46.40	ug/l	99
10) Methyl Iodide	2.51	142	113080	39.16	ug/l	100
11) Tert butyl alcohol	3.07	59	170986	231.56	ug/l	98
12) 1,1-Dichloroethene	2.37	96	120901	45.71	ug/l	95
13) Acrolein	2.29	56	95265	233.01	ug/l	99
14) Allyl chloride	2.73	41	244281	46.86	ug/l	98
15) Acrylonitrile	3.15	53	372587	236.24	ug/l	100
16) Acetone	2.45	43	348159	226.81	ug/l	98
17) Carbon Disulfide	2.57	76	312692	44.37	ug/l	98
18) Methyl Acetate	2.78	43	217669	50.72	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	448080	47.13	ug/l	100
20) Methylene Chloride	2.85	84	136361	45.65	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	131533	45.66	ug/l	97
22) Diisopropyl ether	3.87	45	473256	47.49	ug/l	97
23) Vinyl Acetate	3.82	43	2005005	237.60	ug/l	100
24) 1,1-Dichloroethane	3.70	63	257477	47.54	ug/l	99
25) 2-Butanone	4.71	43	533230	234.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	190025	43.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149141	46.18	ug/l	95
28) Bromochloromethane	5.02	49	126680	48.86	ug/l	92
29) Tetrahydrofuran	5.17	42	340360	232.98	ug/l	97
30) Chloroform	5.22	83	264522	47.59	ug/l	97
31) Cyclohexane	5.57	56	217085	46.70	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	236669	48.39	ug/l	99
36) 1,1-Dichloropropene	5.80	75	190567	48.12	ug/l	99
37) Ethyl Acetate	4.86	43	206195	48.36	ug/l	100
38) Carbon Tetrachloride	5.78	117	213263	49.07	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225691	48.92	ug/l	97
40) Benzene	6.15	78	557076	48.41	ug/l	100
41) Methacrylonitrile	5.06	41	120690	49.15	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222377	47.84	ug/l	100
43) Isopropyl Acetate	6.47	43	340042	47.55	ug/l	99
44) Trichloroethene	7.21	130	163867	47.76	ug/l	96
45) 1,2-Dichloropropane	7.52	63	149557	49.00	ug/l	98
46) Dibromomethane	7.66	93	101847	48.08	ug/l	97
47) Bromodichloromethane	7.90	83	198671	50.73	ug/l	97
48) Methyl methacrylate	7.78	41	181989	49.39	ug/l	98
49) 1,4-Dioxane	7.76	88	70460	982.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1114914	249.18	ug/l	99
52) Toluene	8.79	92	364174	49.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227960	51.40	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	210940	49.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151383	49.98	ug/l	97
56) Ethyl methacrylate	9.18	69	222218	50.20	ug/l	97
57) 1,3-Dichloropropane	9.37	76	243892	49.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	546304	255.79	ug/l	98
59) 2-Hexanone	9.50	43	850495	250.11	ug/l	98
60) Dibromochloromethane	9.59	129	163229	51.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158001	49.73	ug/l	100
64) Tetrachloroethene	9.34	164	188373	48.69	ug/l	98
65) Chlorobenzene	10.14	112	426241	48.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	157710	49.13	ug/l	99
67) Ethyl Benzene	10.26	91	737571	50.52	ug/l	99
68) m/p-Xylenes	10.36	106	570768	101.45	ug/l	100
69) o-Xylene	10.70	106	274608	50.13	ug/l	100
70) Styrene	10.71	104	459405	51.61	ug/l	100
71) Bromoform	10.86	173	129642	45.11	ug/l	100
73) Isopropylbenzene	11.02	105	762649	49.97	ug/l	100
74) N-amyl acetate	6.47	43	340042	45.54	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	222552	47.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	224593m	54.66	ug/l	
77) Bromobenzene	11.26	156	207886	47.83	ug/l	98
78) n-propylbenzene	11.37	91	874662	50.35	ug/l	99
79) 2-Chlorotoluene	11.43	91	519502	49.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	650965	50.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61316	43.74	ug/l	99
82) 4-Chlorotoluene	11.51	91	616406	49.51	ug/l	100
83) tert-Butylbenzene	11.77	119	635895	50.20	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	668485	50.19	ug/l	99
85) sec-Butylbenzene	11.95	105	779480	50.72	ug/l	100
86) p-Isopropyltoluene	12.07	119	712617	51.58	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	386499	48.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	393376	48.16	ug/l	99
89) n-Butylbenzene	12.39	91	616353	51.25	ug/l	100
90) Hexachloroethane	12.60	117	104351	50.78	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	388009	48.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50334	47.63	ug/l	98

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ClientSampleId :
VSTDCCC050

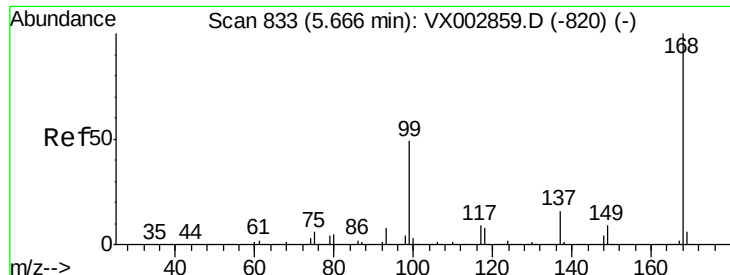
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291378	49.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	144591	49.72	ug/l	99
95) Naphthalene	13.84	128	785901	50.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289943	49.79	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 268170

Ion Ratio Lower Upper

168 100

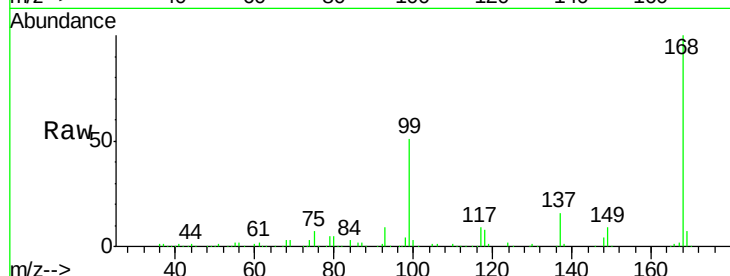
99 51.2 39.3 58.9

Manual Integrations

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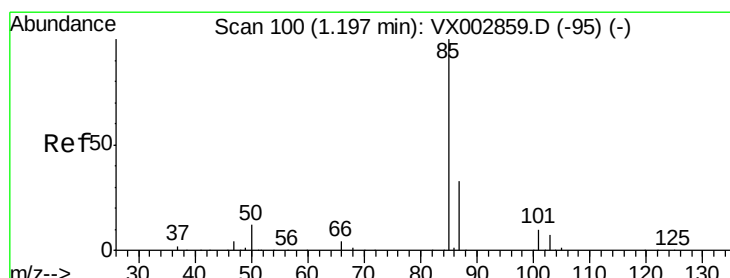
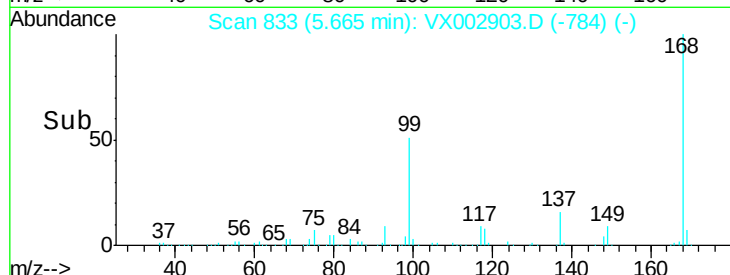
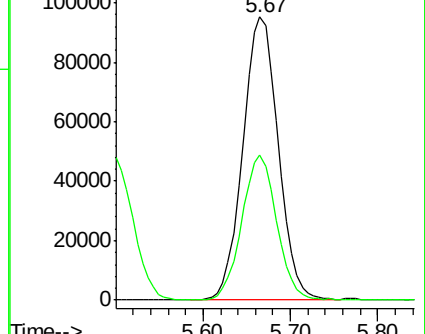
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002903.D

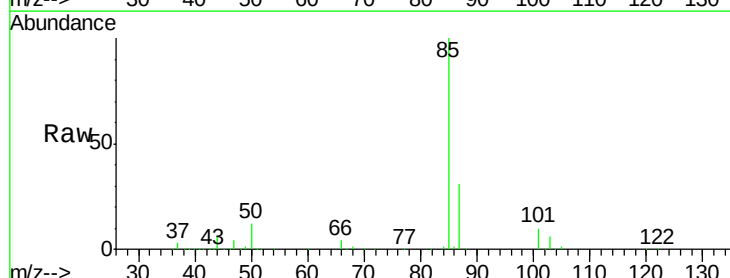
Acq: 26 Jun 2018 19:18

Tgt Ion: 85 Resp: 111202

Ion Ratio Lower Upper

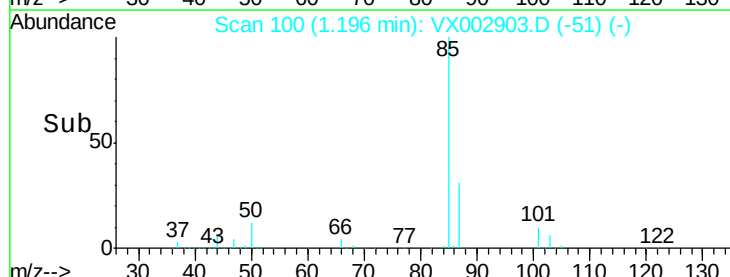
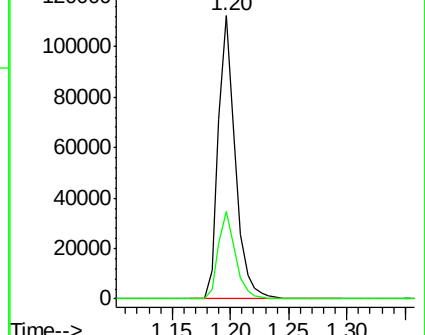
85 100

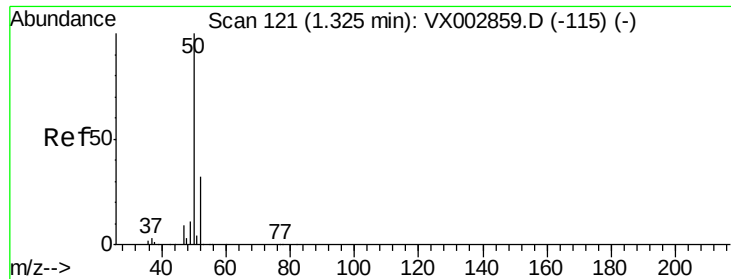
87 30.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.94 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 116863

Ion Ratio Lower Upper

50 100

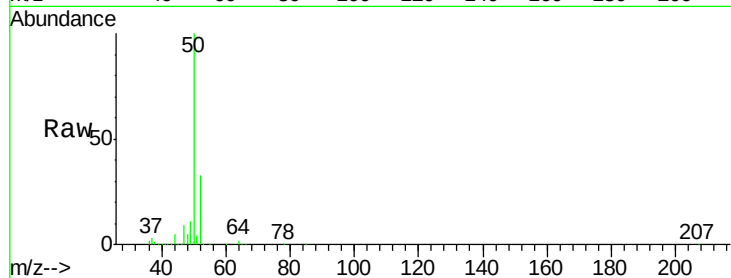
52 33.3 25.7 38.5

Manual Integrations

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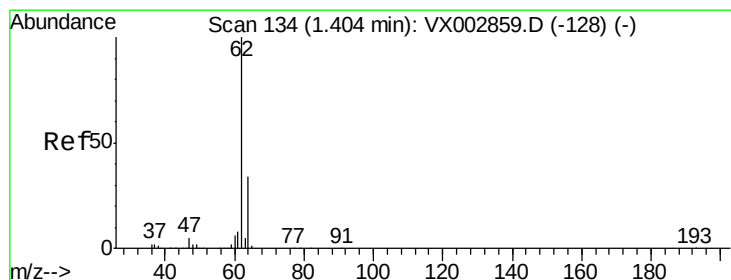
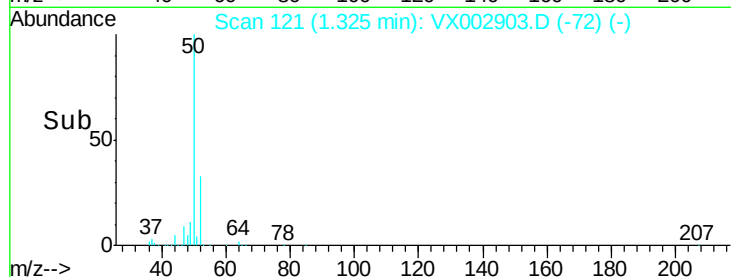
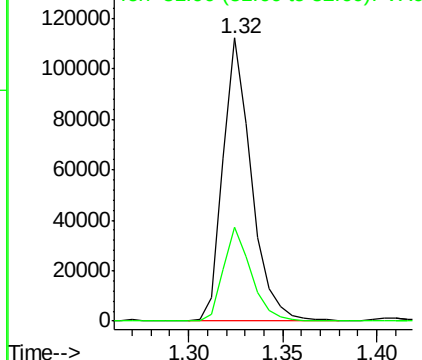
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002903.D

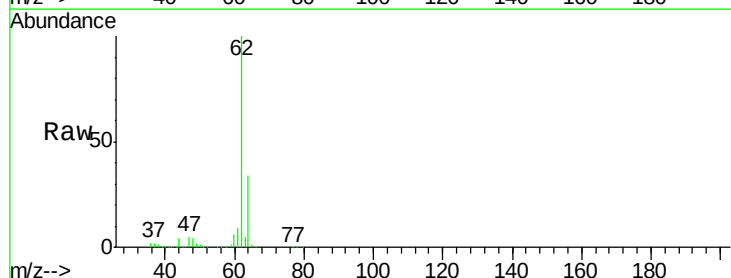
Acq: 26 Jun 2018 19:18

Tgt Ion: 62 Resp: 135608

Ion Ratio Lower Upper

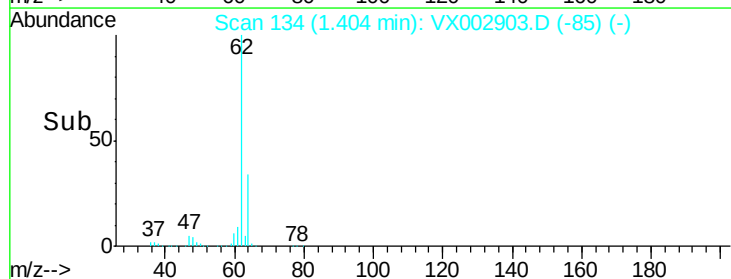
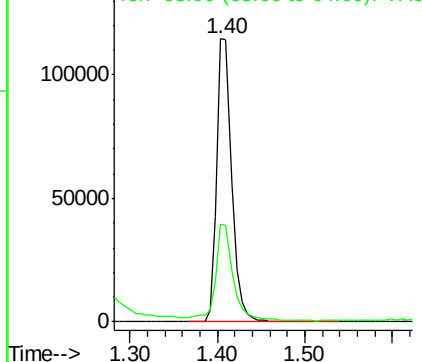
62 100

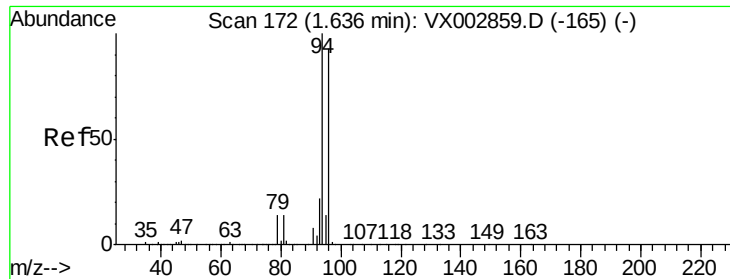
64 33.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 77298

Ion Ratio Lower Upper

94 100

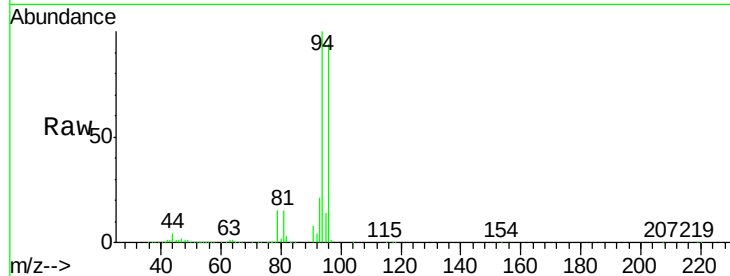
96 93.7 74.9 112.3

Manual Integrations

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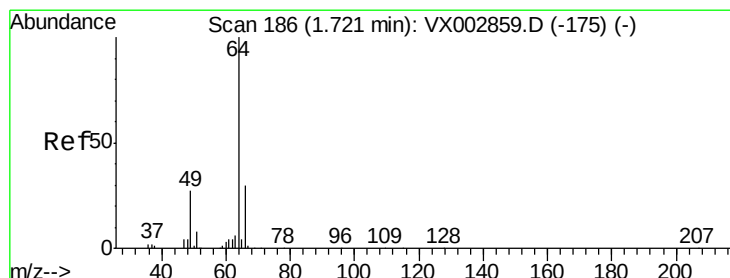
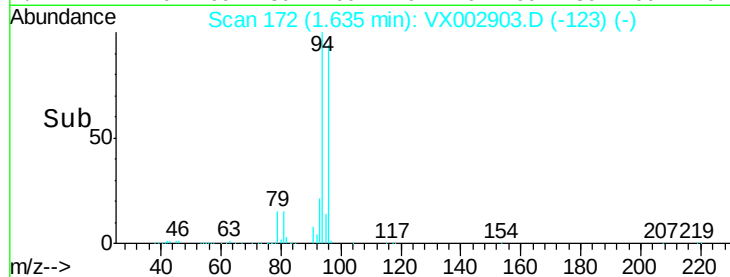
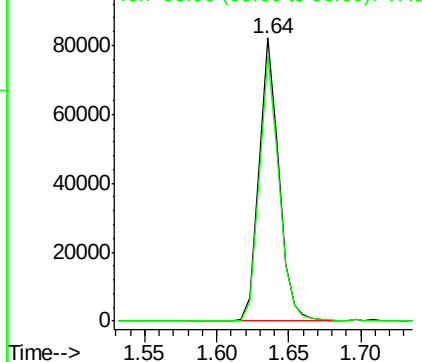
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.78 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002903.D

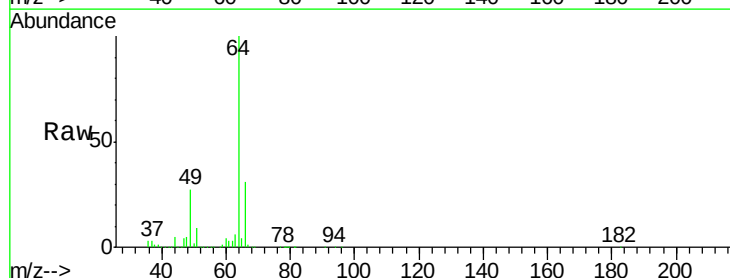
Acq: 26 Jun 2018 19:18

Tgt Ion: 64 Resp: 85182

Ion Ratio Lower Upper

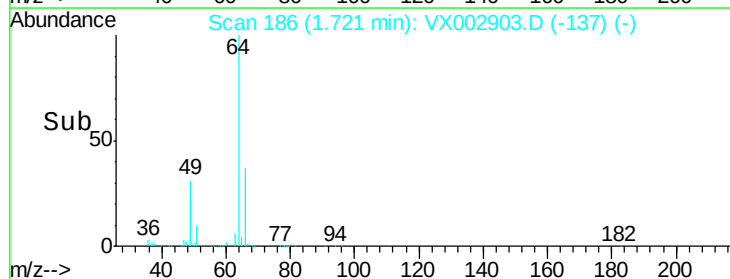
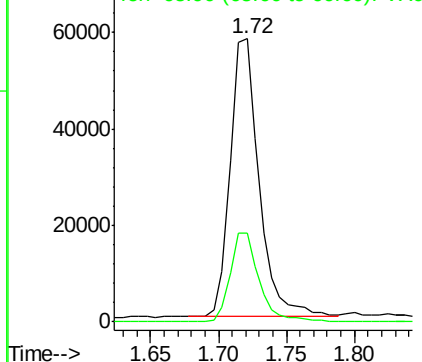
64 100

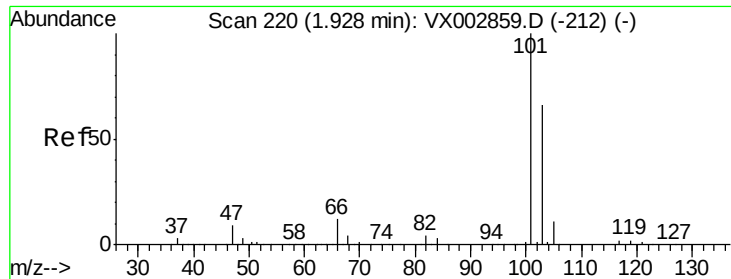
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

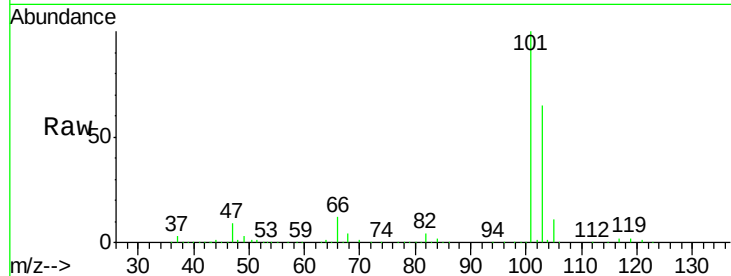
Trichlorofluoromethane
Concen: 46.92 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

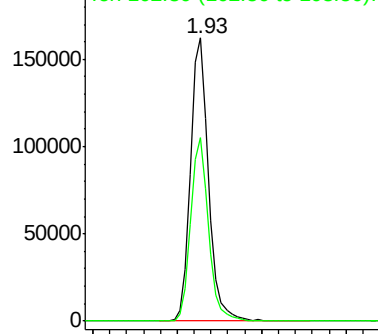
Tot Ion:101 Resp: 240023
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

Manual Integrations
APPROVED

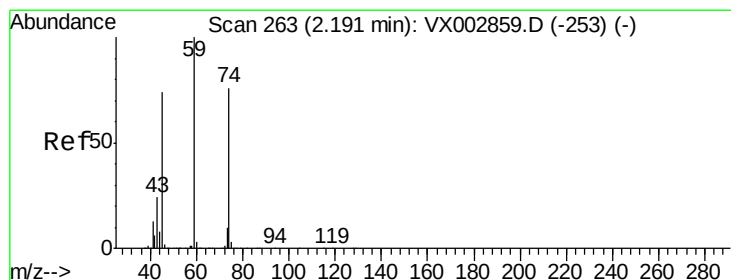
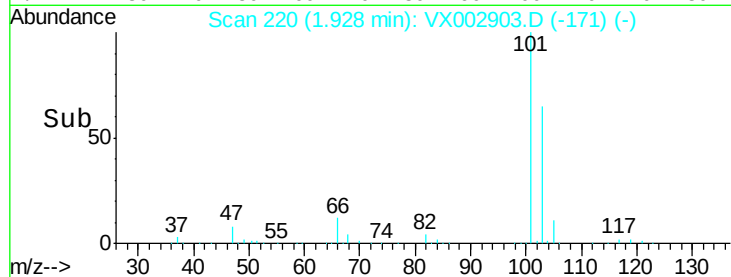
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



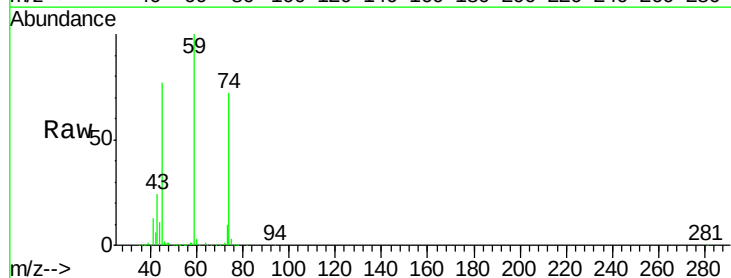
Time-->



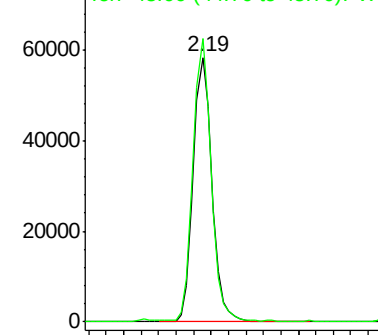
#8

Diethyl Ether
Concen: 46.51 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

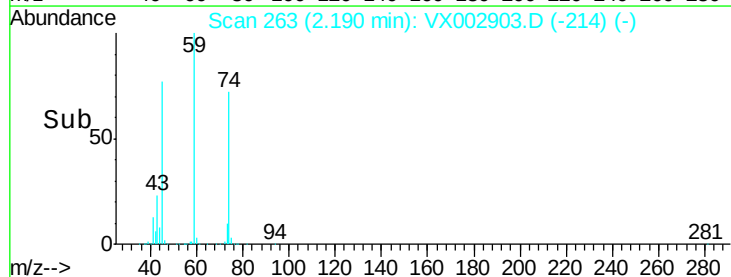
Tgt Ion: 74 Resp: 86493
Ion Ratio Lower Upper
74 100
45 102.2 53.1 159.4

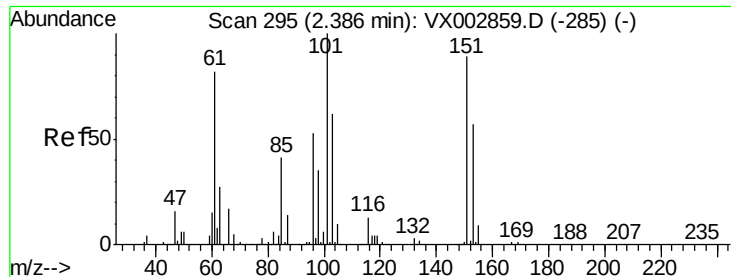


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.40 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

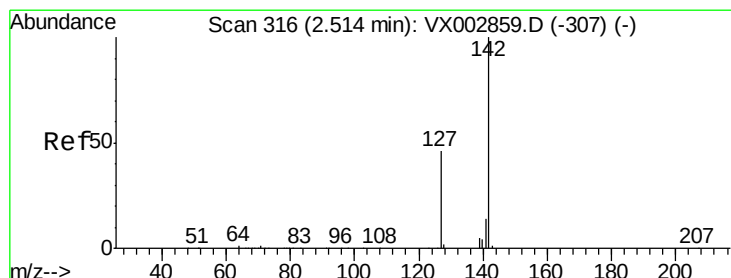
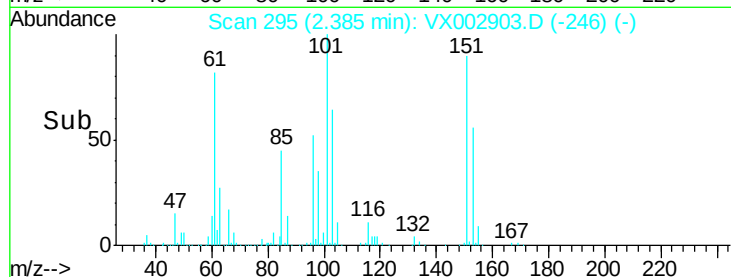
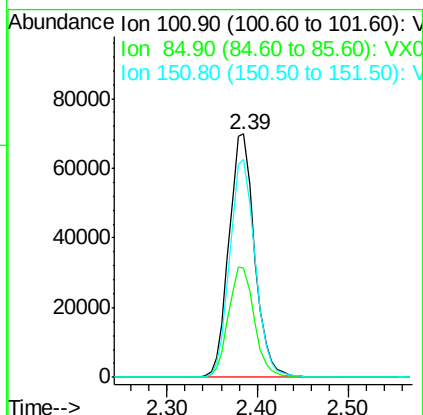
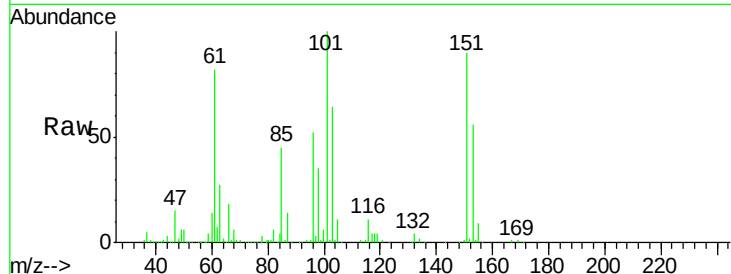
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	137553
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.0	54.0
151	88.9	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 39.16 ug/l

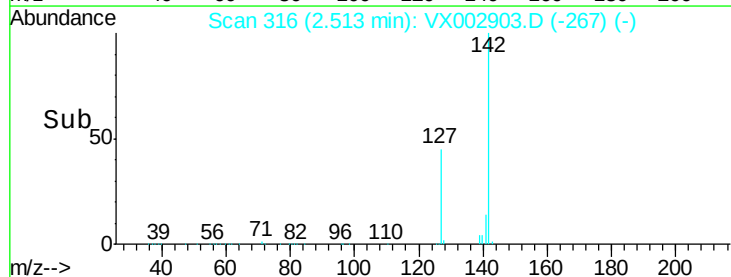
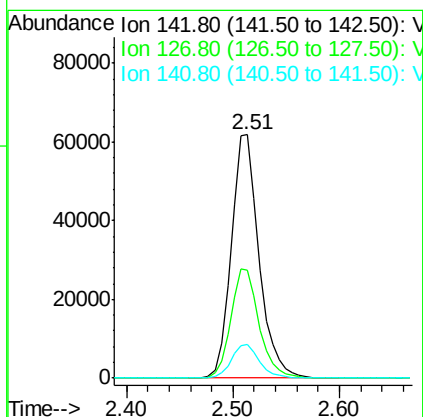
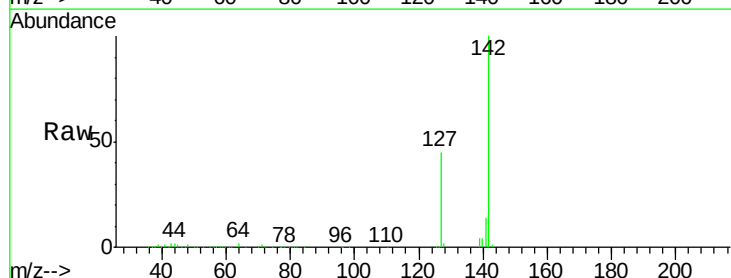
RT: 2.51 min Scan# 316

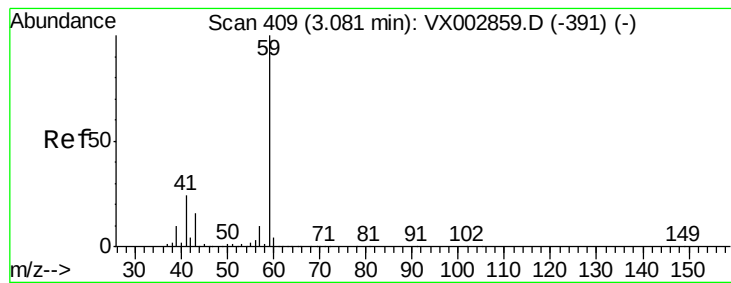
Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	142	Resp:	113080
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.6	55.0
141	14.0	11.3	16.9





#11

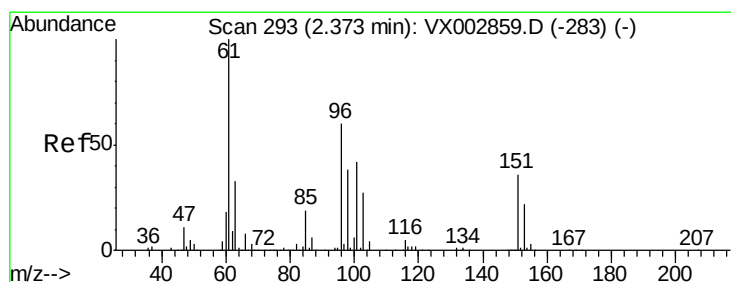
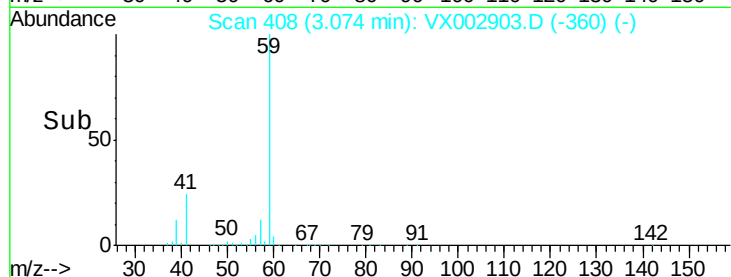
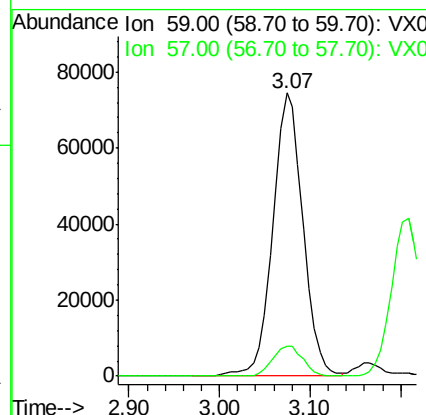
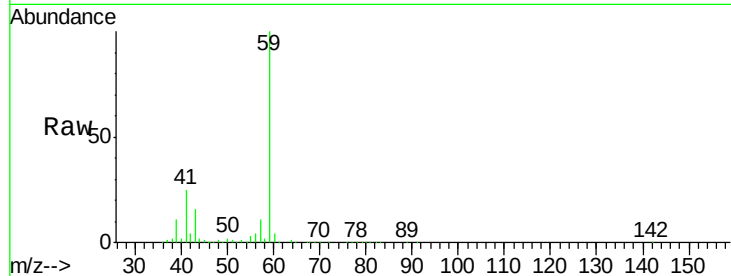
Tert butyl alcohol
 Concen: 231.56 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2

Manual Integrations
 APPROVED

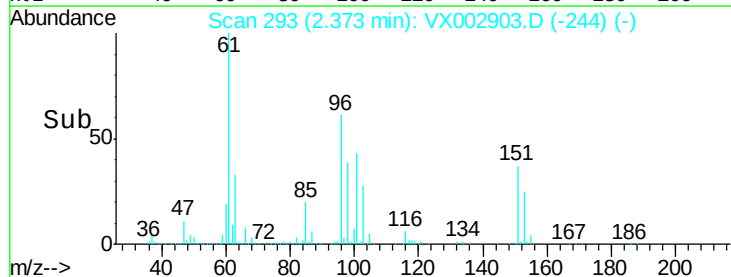
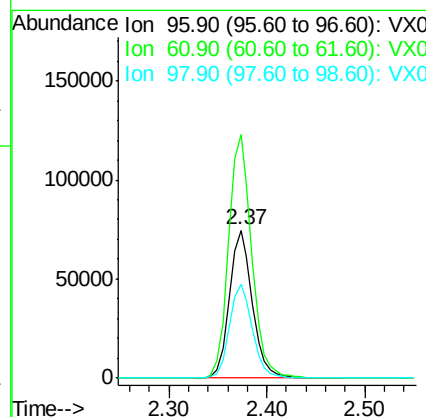
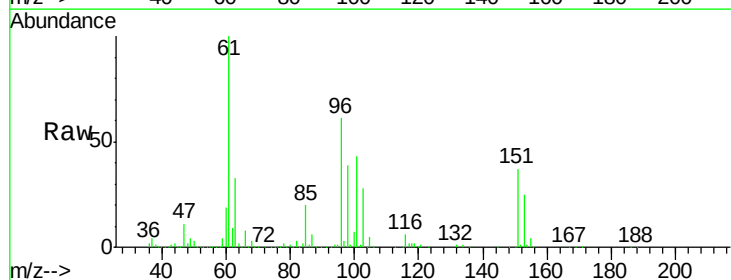
MMDadoda
 6/28/2018 3:12:08 PM

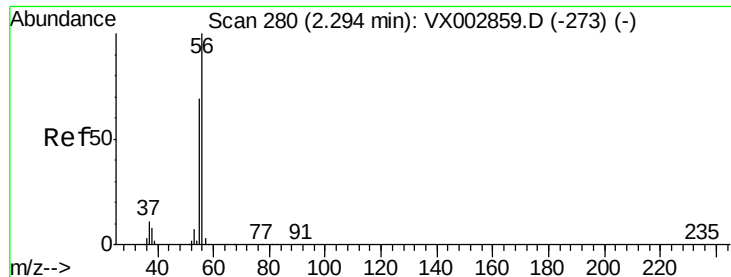


#12

1,1-Dichloroethene
 Concen: 45.71 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.2	137.9	206.9
98	63.4	51.6	77.4





#13

Acrolein

Concen: 233.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 95265

Ion Ratio Lower Upper

56 100

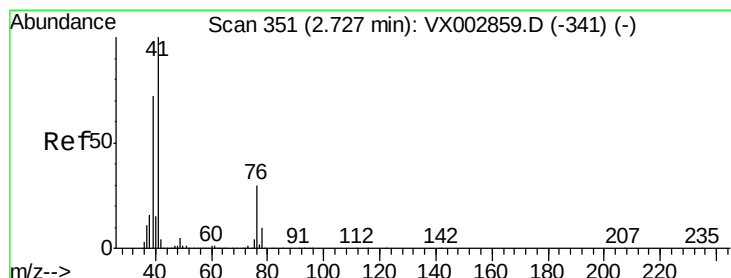
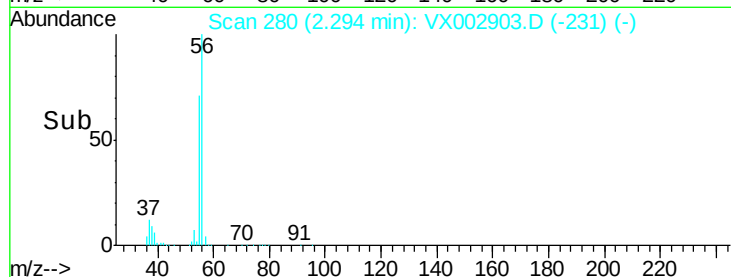
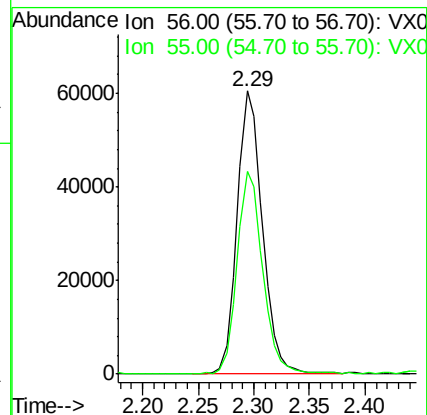
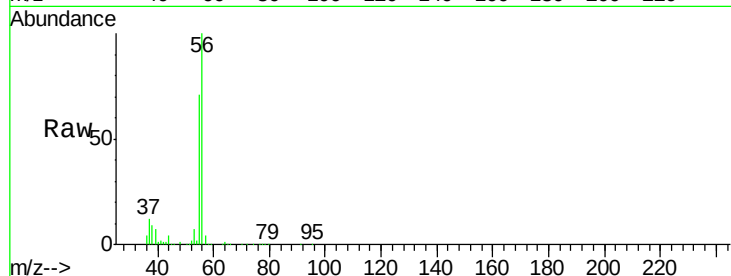
55 72.2 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.86 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

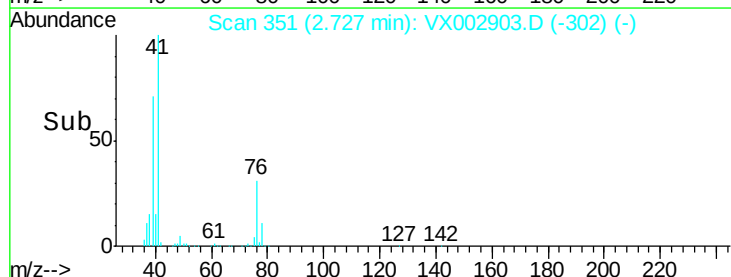
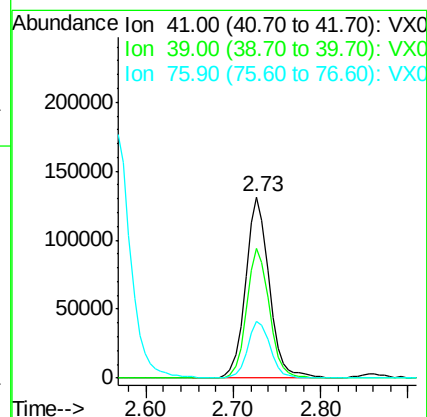
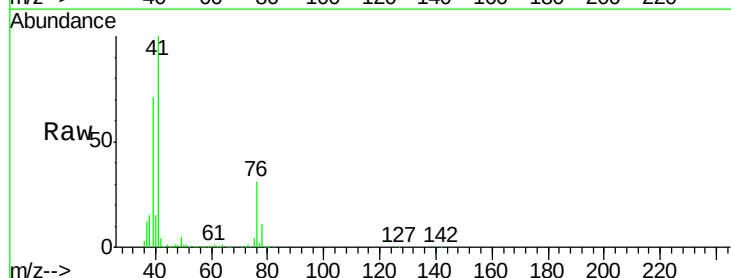
Tgt Ion: 41 Resp: 244281

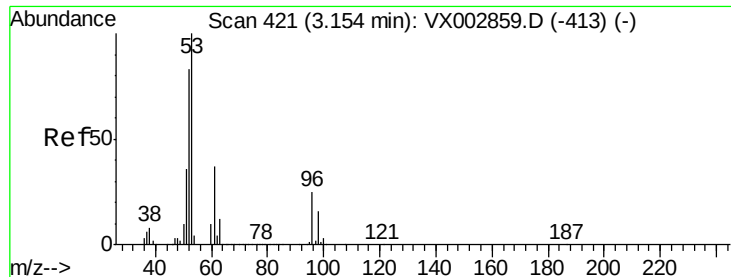
Ion Ratio Lower Upper

41 100

39 69.1 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 236.24 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

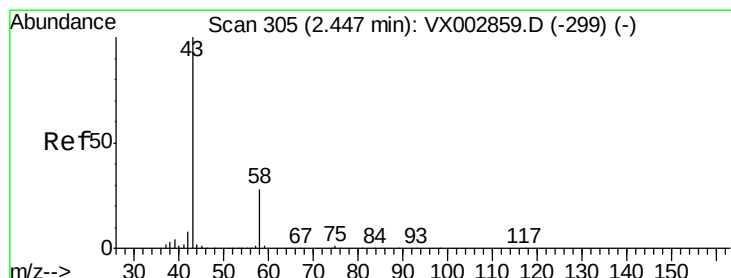
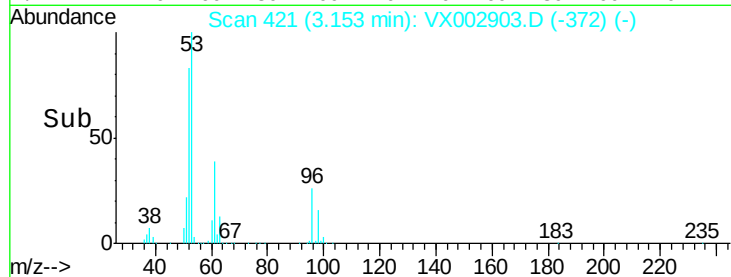
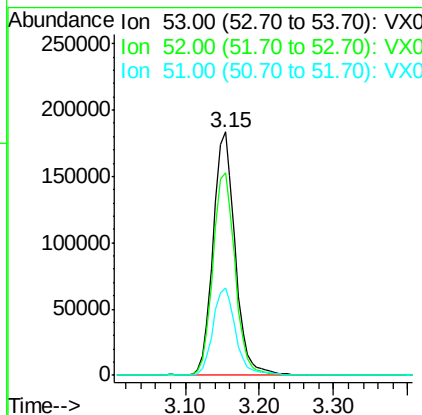
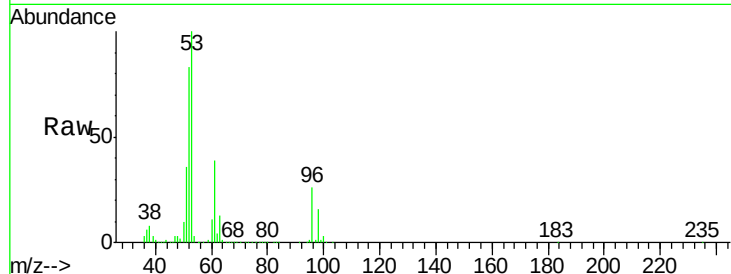
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	372587
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.7	100.1
51	36.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 226.81 ug/l

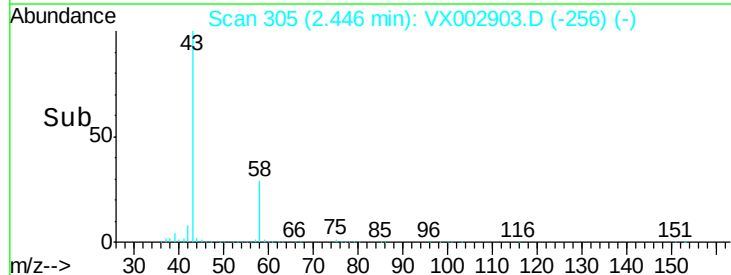
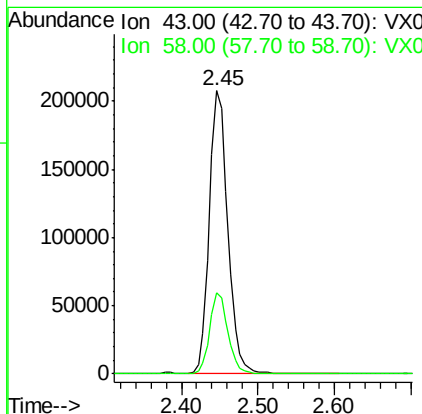
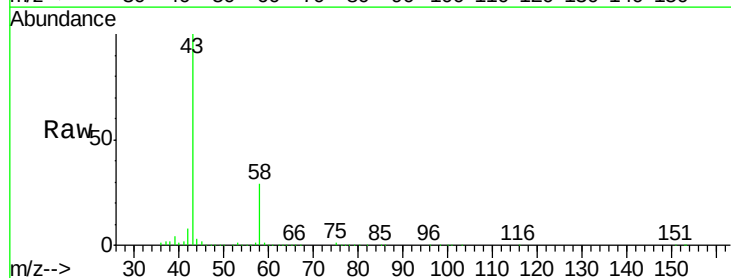
RT: 2.45 min Scan# 305

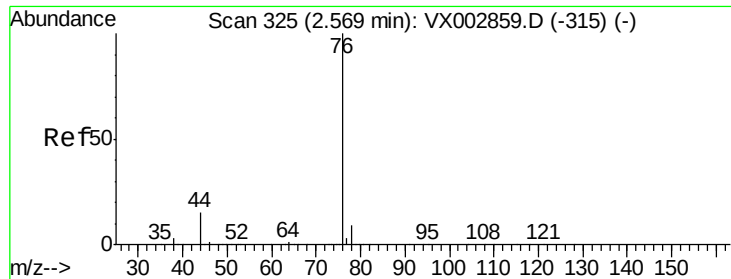
Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	43	Resp:	348159
Ion Ratio	Lower	Upper	
43	100		
58	28.5	22.1	33.1





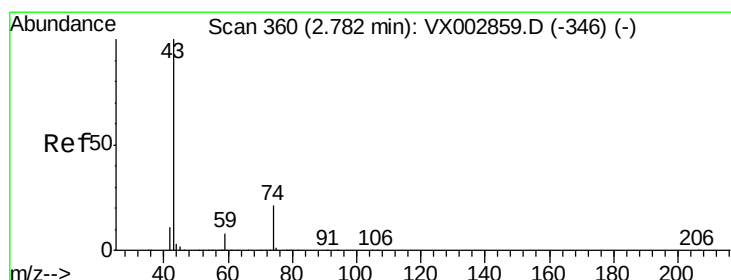
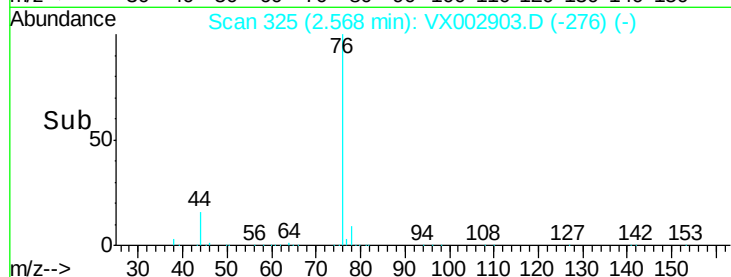
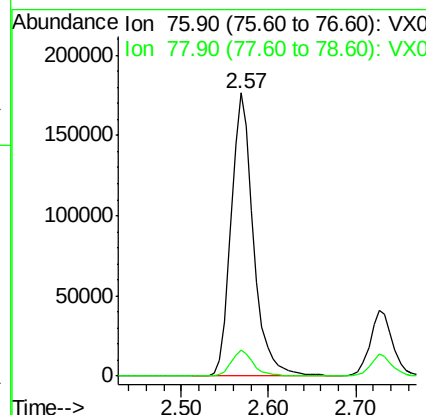
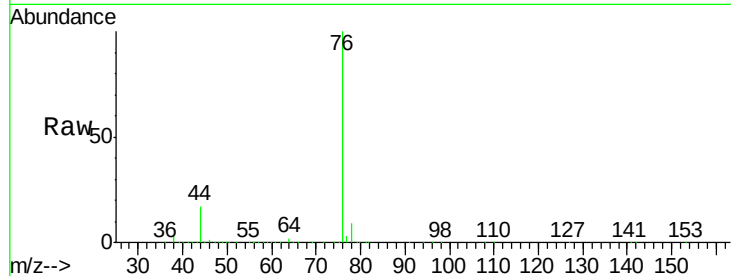
#17
Carbon Disulfide
Concen: 44.37 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

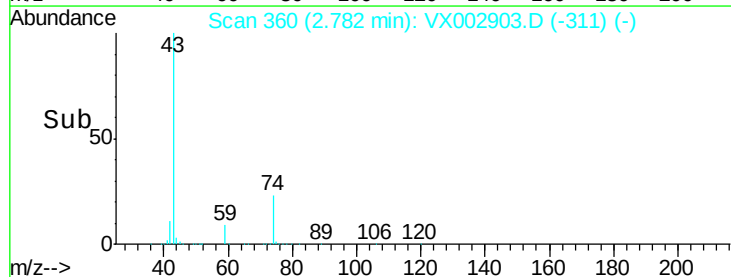
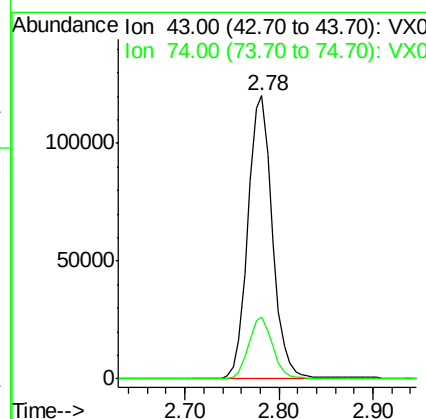
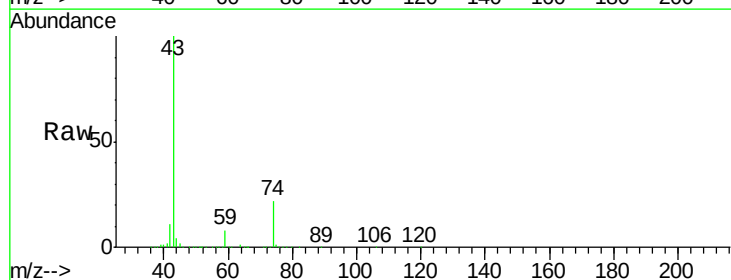
Manual Integrations
APPROVED

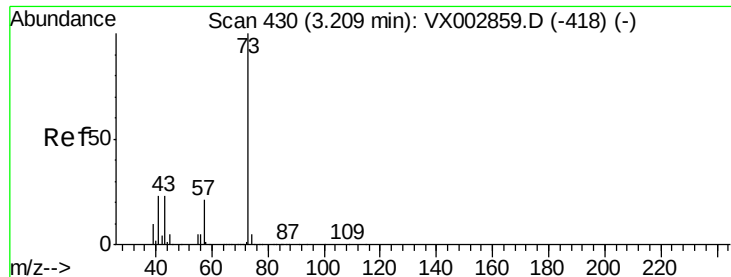
MMDadoda
6/28/2018 3:12:08 PM



#18
Methyl Acetate
Concen: 50.72 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.7	25.1





#19

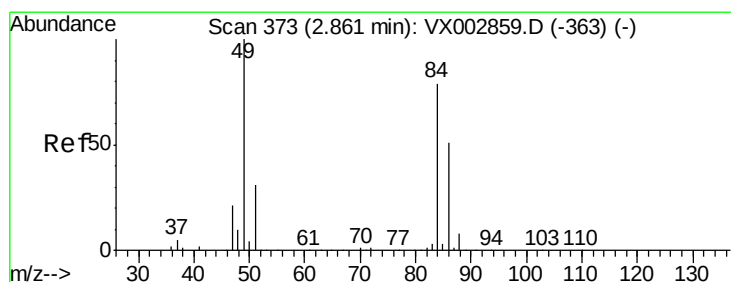
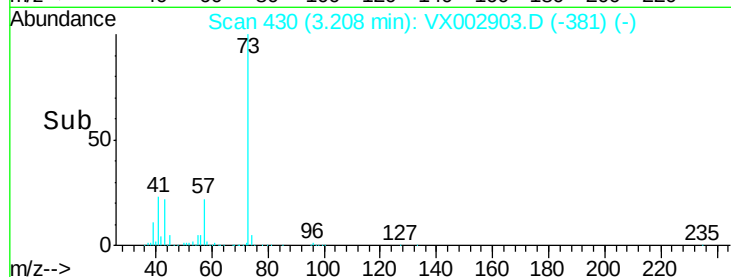
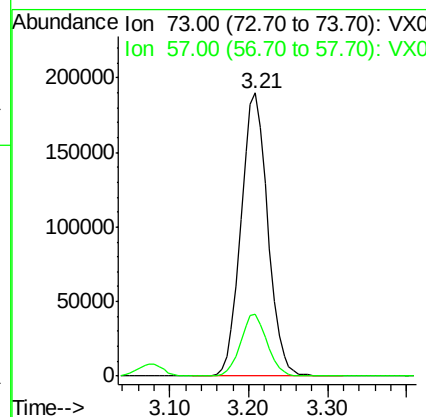
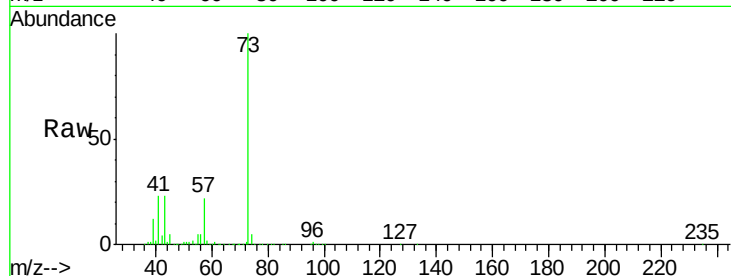
Methyl tert-butyl Ether
 Concen: 47.13 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	73	Resp	448080
Ion Ratio	Lower	Upper	
73	100		
57	22.0	17.7	26.5

Manual Integrations
 APPROVED

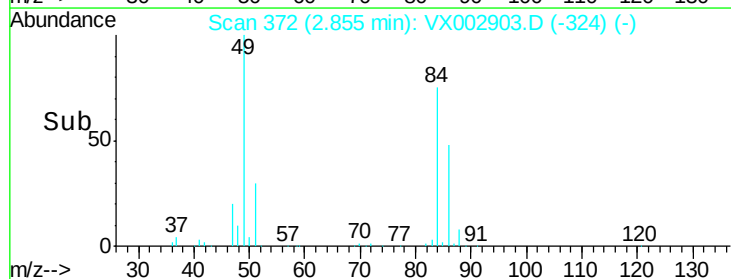
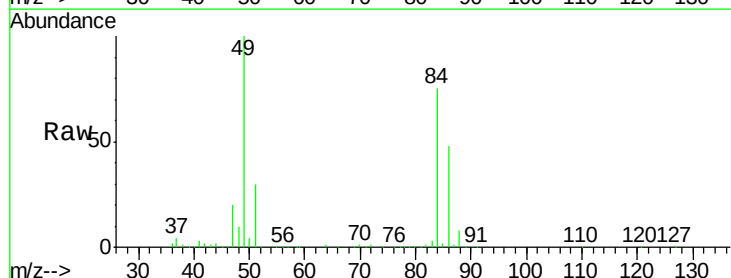
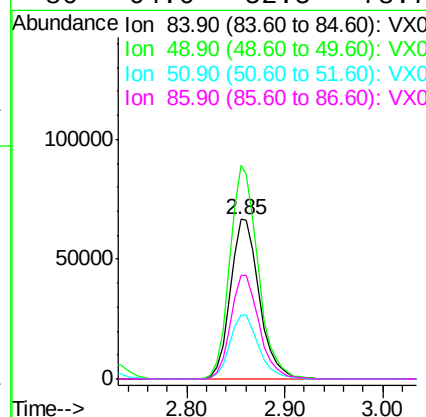
MMDadoda
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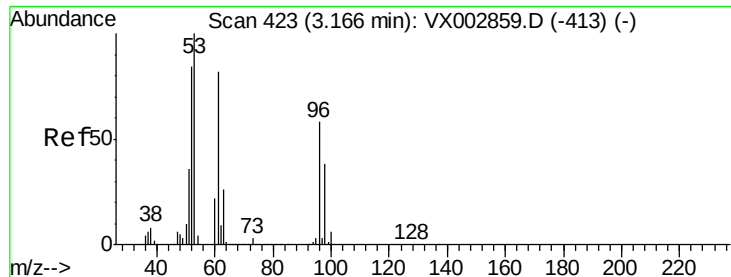


#20

Methylene Chloride
 Concen: 45.65 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion	84	Resp	136361
Ion Ratio	Lower	Upper	
84	100		
49	133.5	107.8	161.6
51	40.1	32.8	49.2
86	64.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 45.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

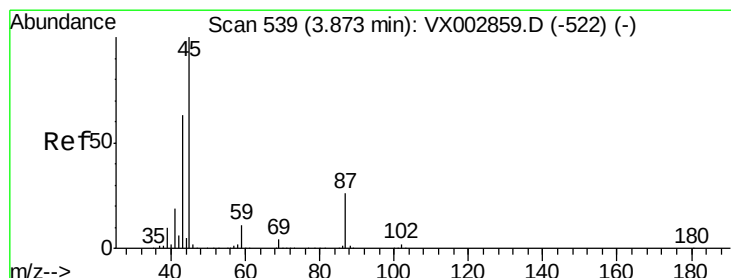
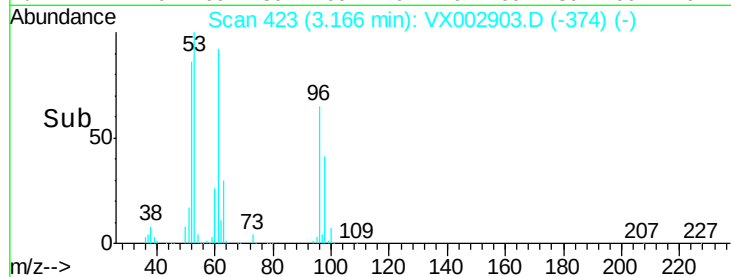
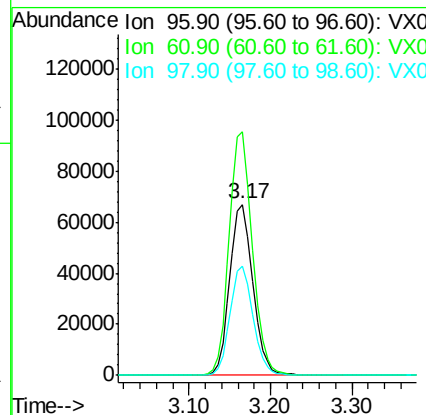
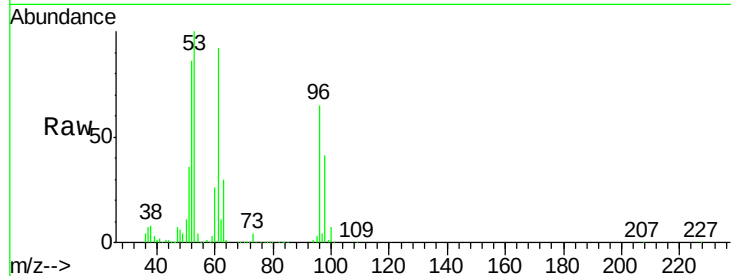
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	131533
Ion	Ratio	Lower	Upper
96	100		
61	142.0	117.0	175.4
98	63.7	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.49 ug/l

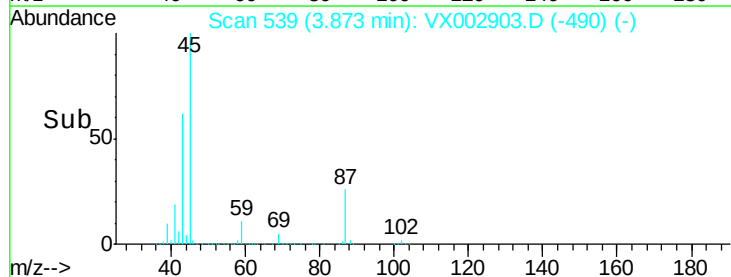
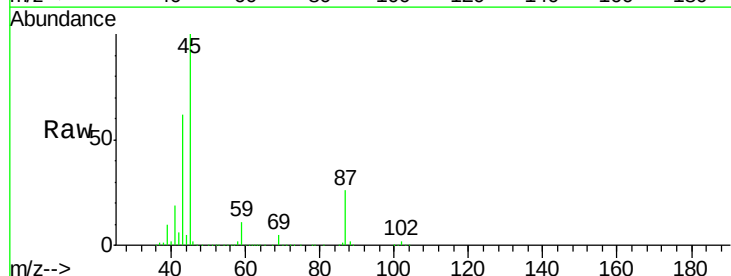
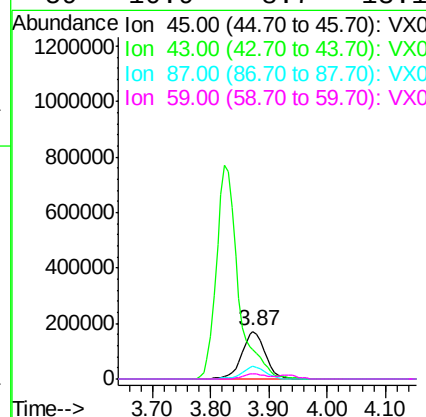
RT: 3.87 min Scan# 539

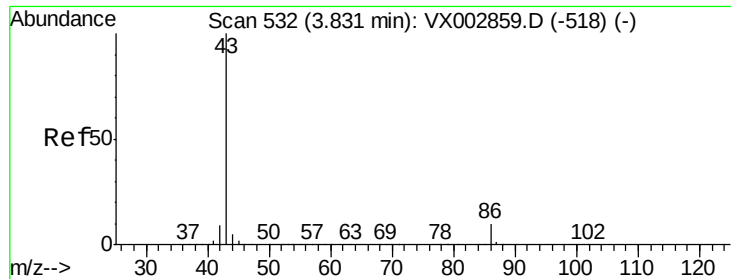
Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	45	Resp:	473256
Ion	Ratio	Lower	Upper
45	100		
43	61.8	46.8	70.2
87	25.8	20.2	30.4
59	10.9	8.7	13.1





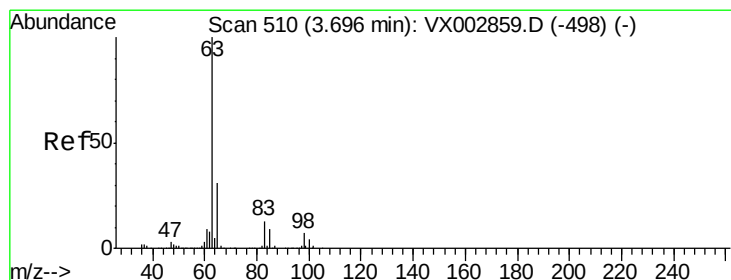
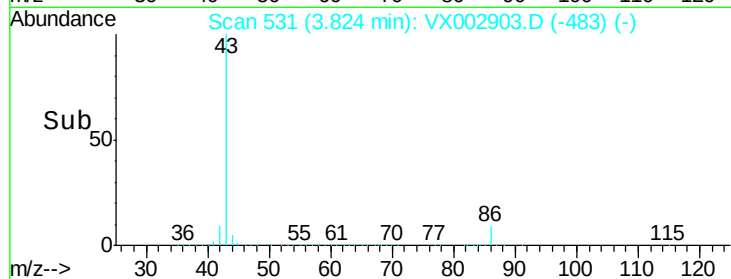
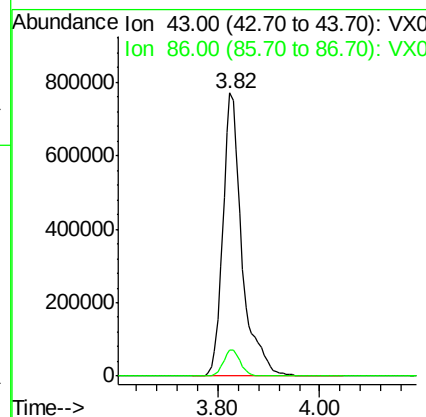
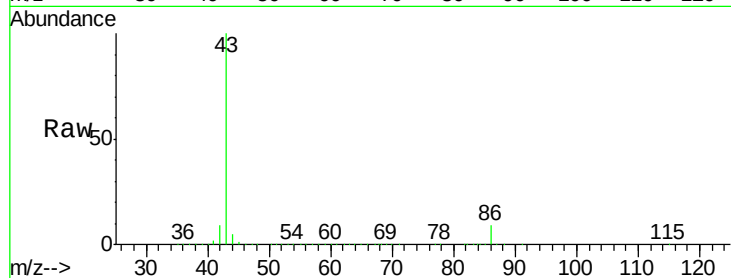
#23
 Vinyl Acetate
 Concen: 237.60 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2005005
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.0

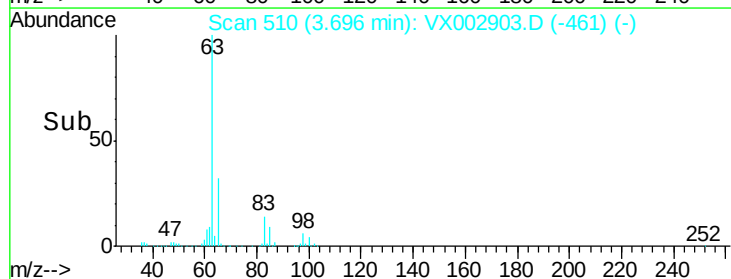
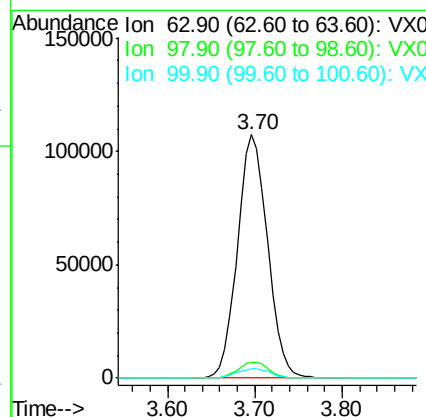
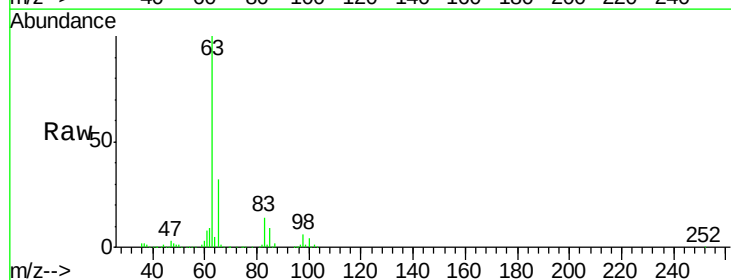
Manual Integrations
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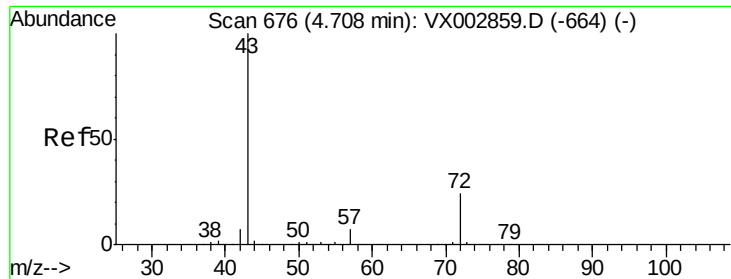
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 47.54 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 63 Resp: 257477
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 234.06 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 533230

Ion Ratio Lower Upper

43 100

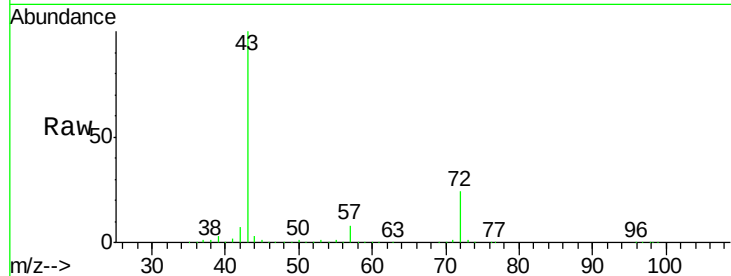
72 23.8 18.5 27.7

Manual Integrations

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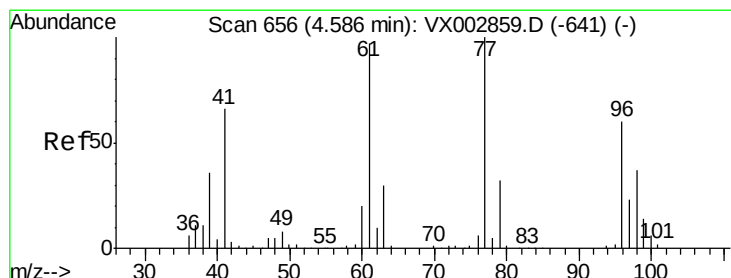
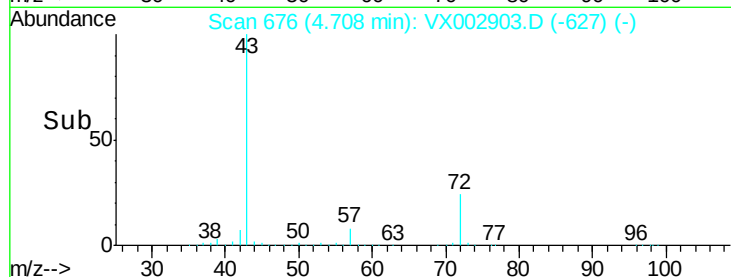
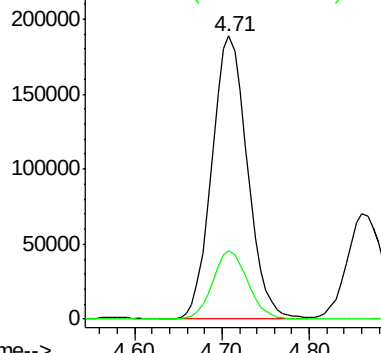
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002903.D

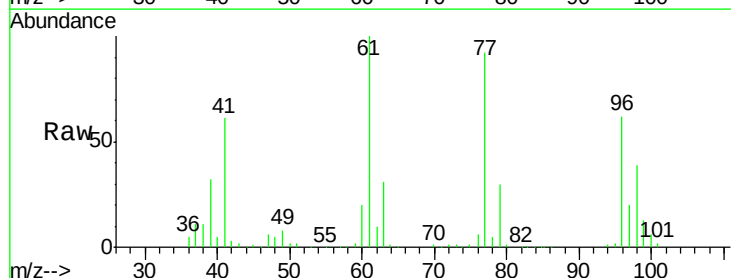
Acq: 26 Jun 2018 19:18

Tgt Ion: 77 Resp: 190025

Ion Ratio Lower Upper

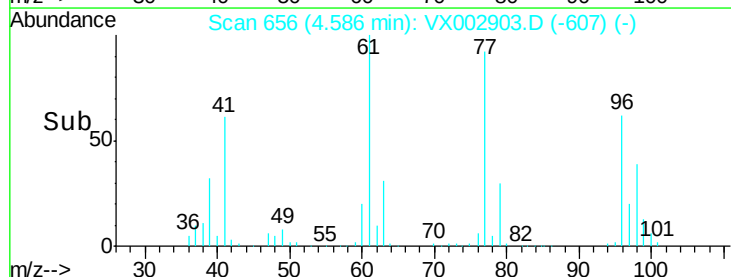
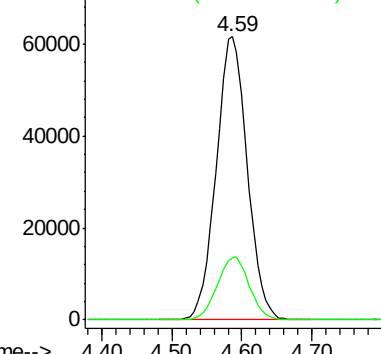
77 100

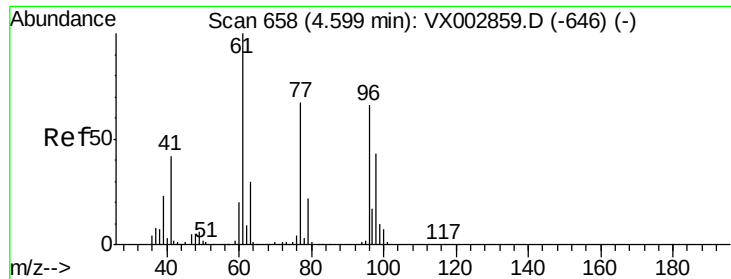
97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

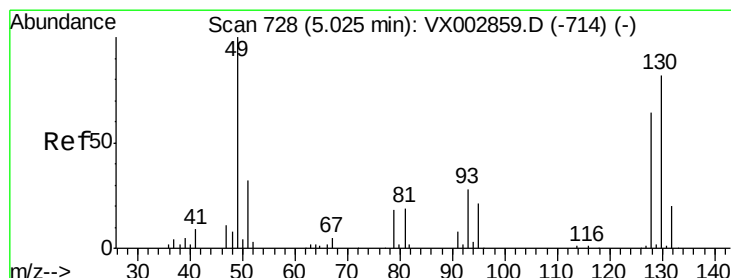
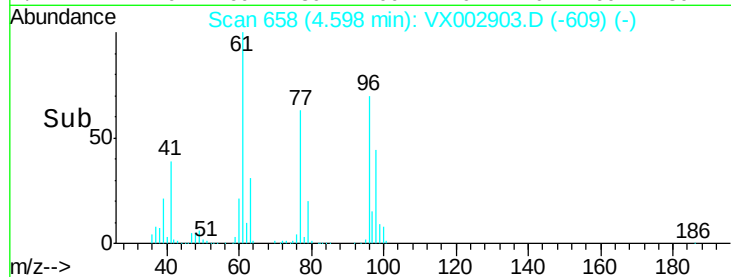
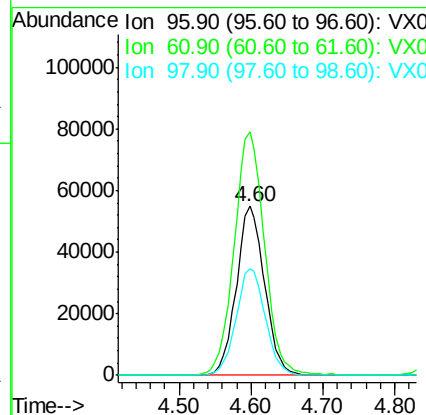
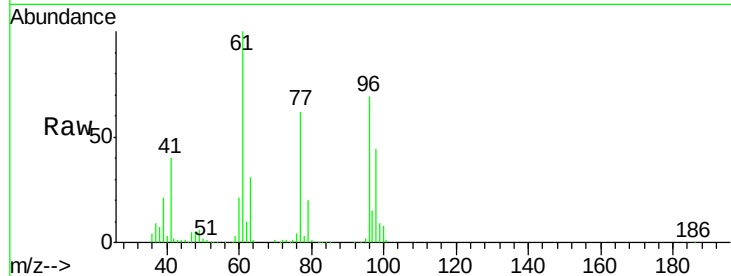
cis-1,2-Dichloroethene
Concen: 46.18 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149141		
61	155.1	0.0	330.2	
98	65.0	0.0	130.2	

Manual Integrations
APPROVED

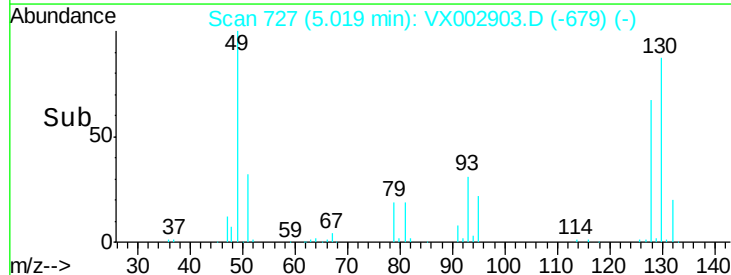
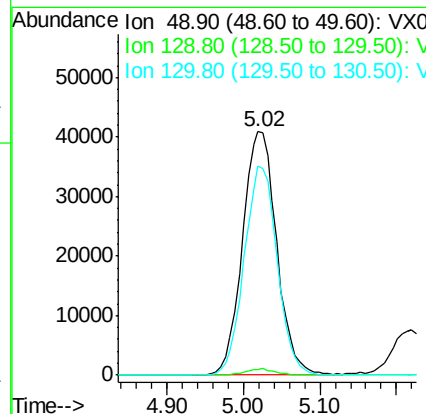
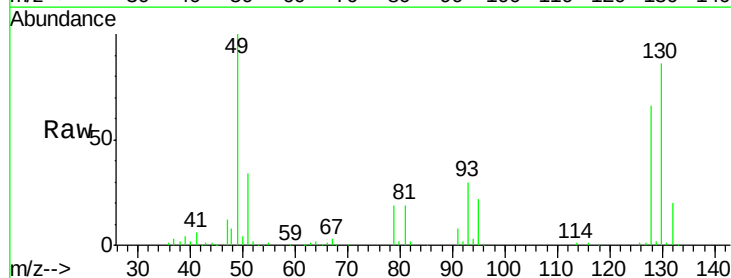
MMDadoda
6/28/2018 3:12:08 PM

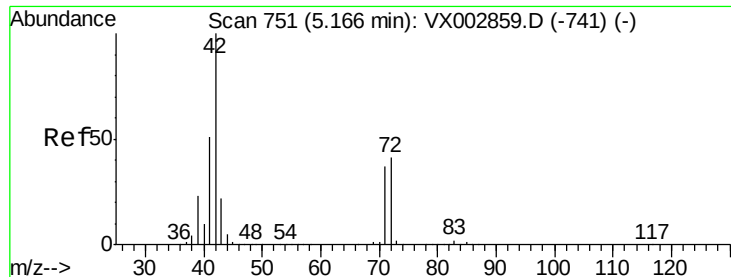


#28

Bromochloromethane
Concen: 48.86 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	126680		
129	2.3	0.0	4.2	
130	83.2	61.2	91.8	





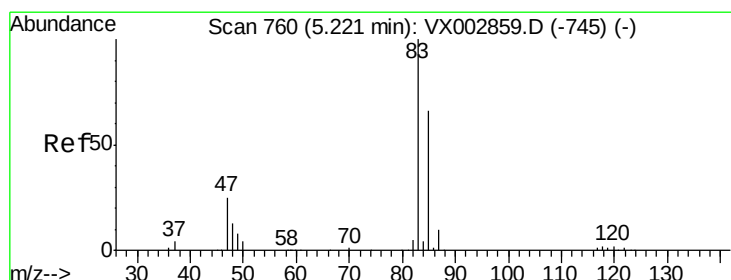
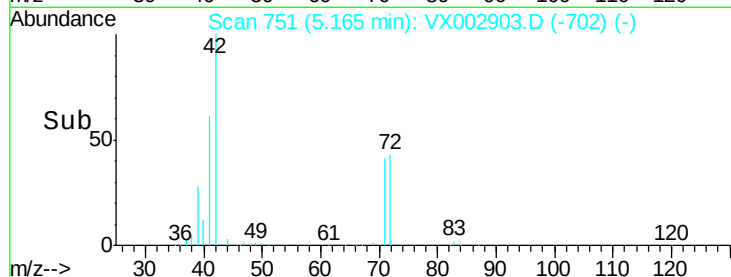
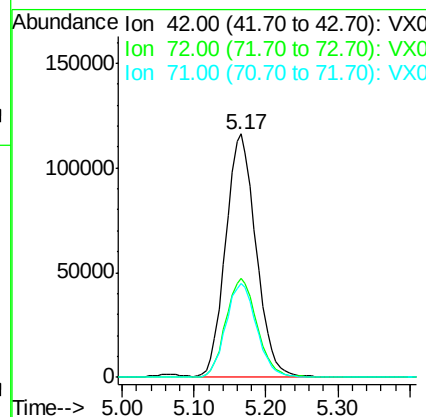
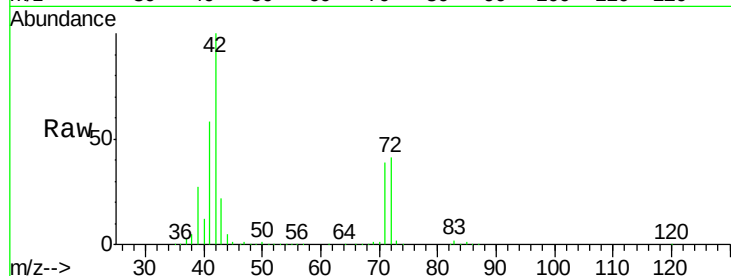
#29
Tetrahydrofuran
Concen: 232.98 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	39.2	30.1	45.1

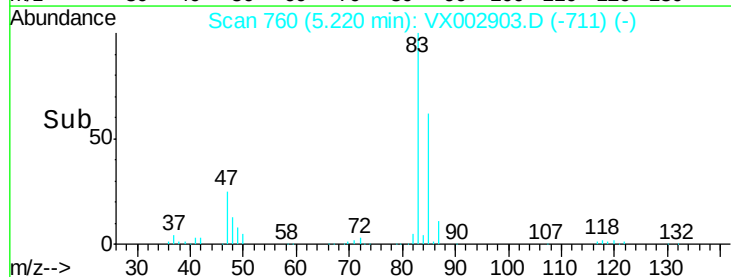
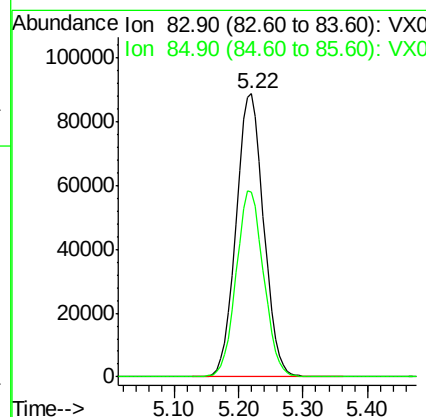
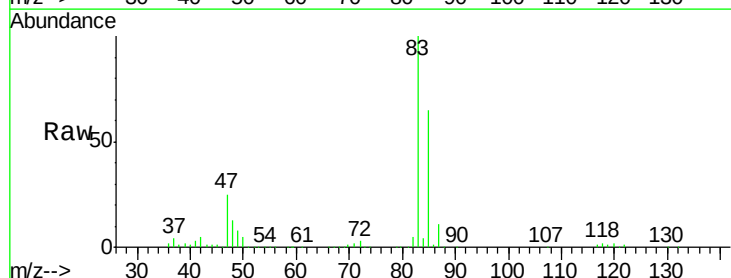
Manual Integrations
APPROVED

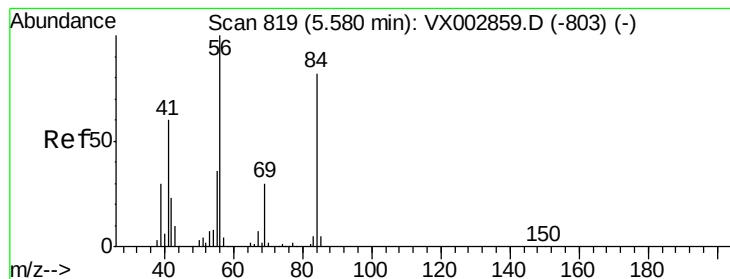
MMDadoda
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#30
Chloroform
Concen: 47.59 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.4	75.6





#31

Cyclohexane

Concen: 46.70 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

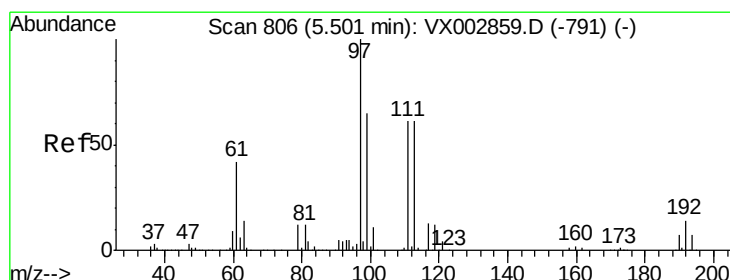
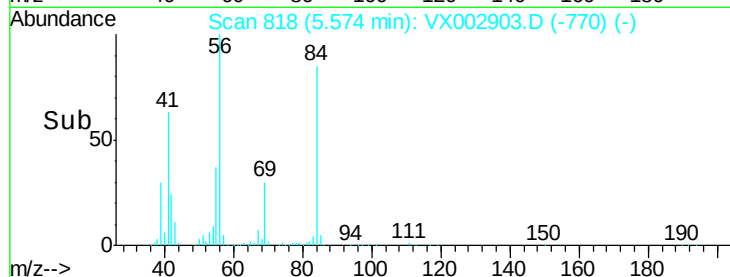
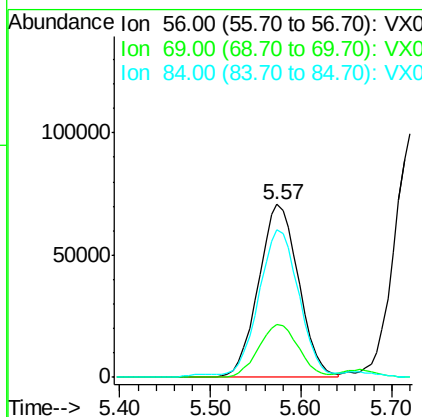
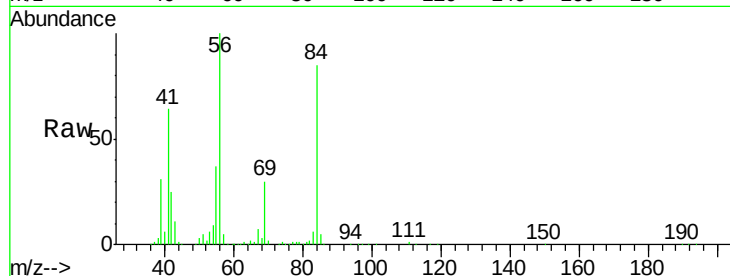
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	217085
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	83.8	64.1	96.1

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 48.39 ug/l

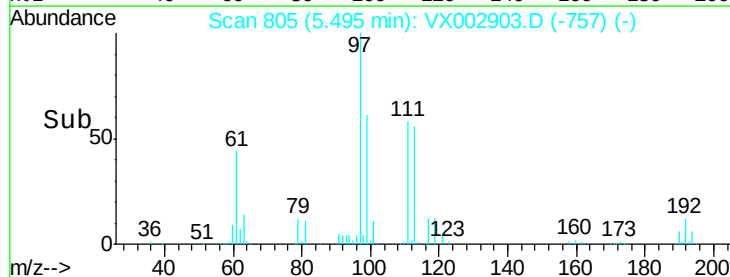
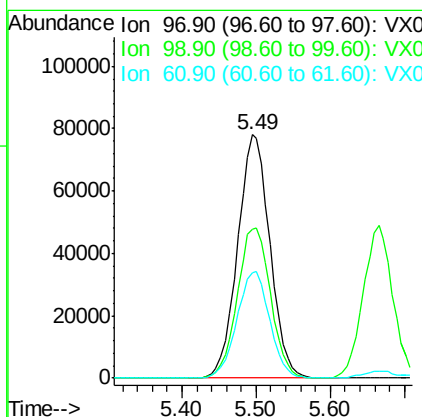
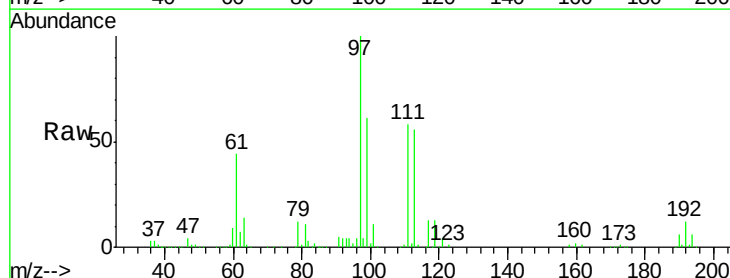
RT: 5.49 min Scan# 805

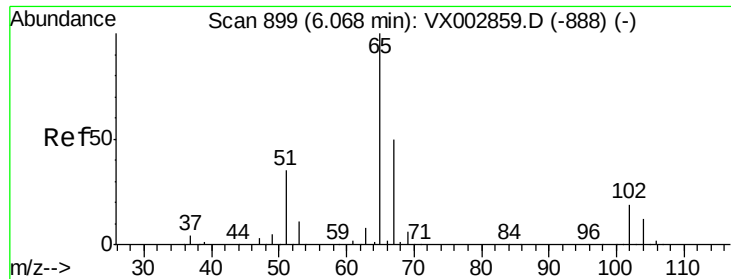
Delta R.T. -0.01 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	97	Resp:	236669
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	44.7	36.4	54.6





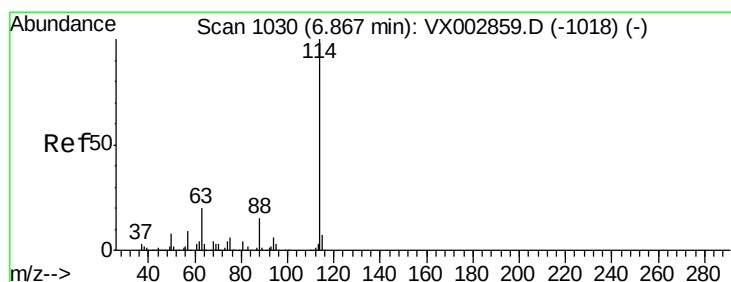
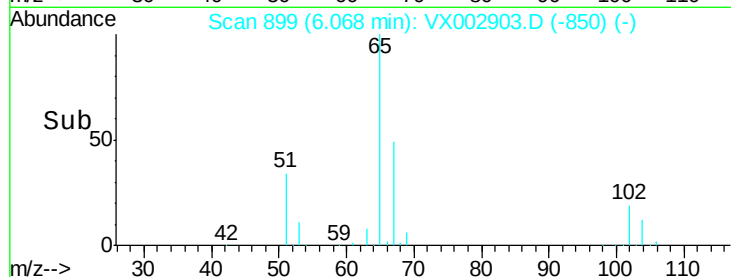
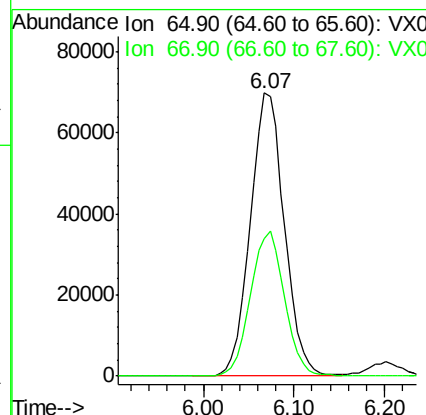
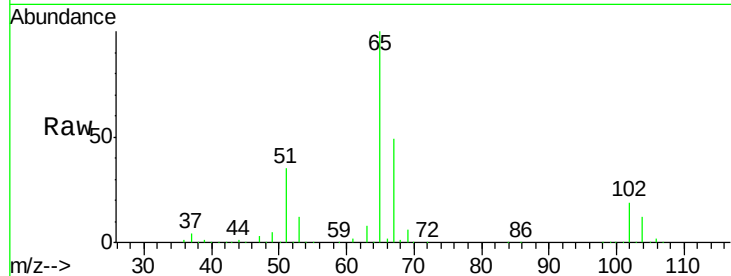
#33
 1,2-Dichloroethane-d4
 Concen: 48.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181022		
67	51.2	0.0	102.6	

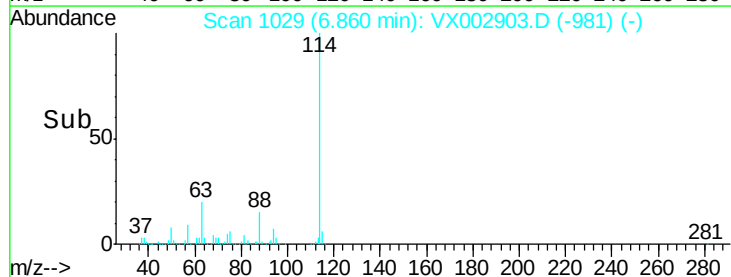
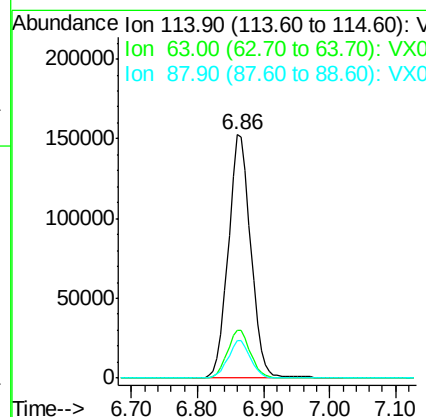
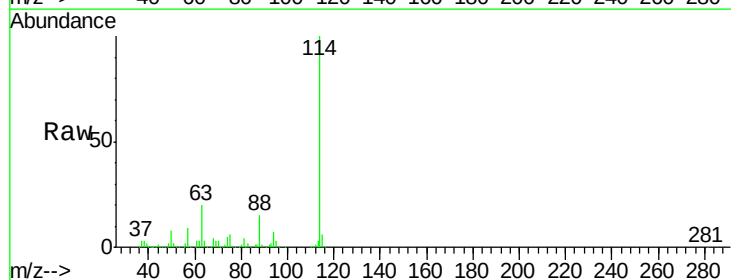
Manual Integrations
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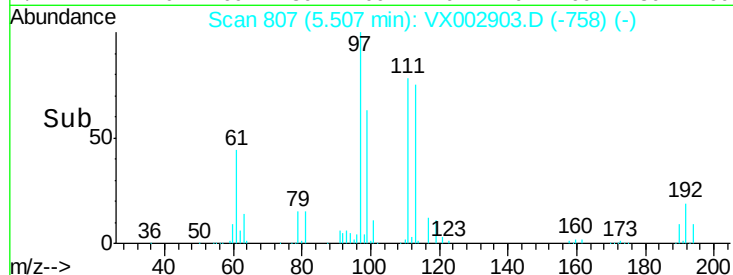
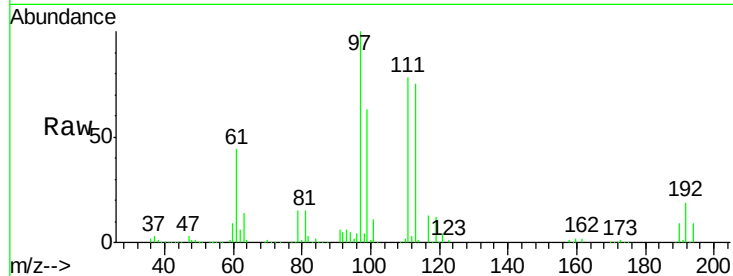
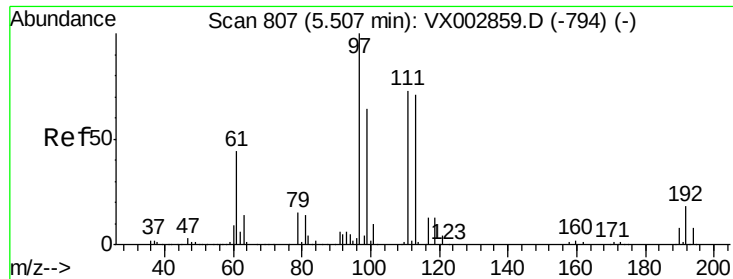
MMDadoda
 6/28/2018 3:12:08 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	361138		
63	19.7	0.0	41.4	
88	15.5	0.0	30.0	





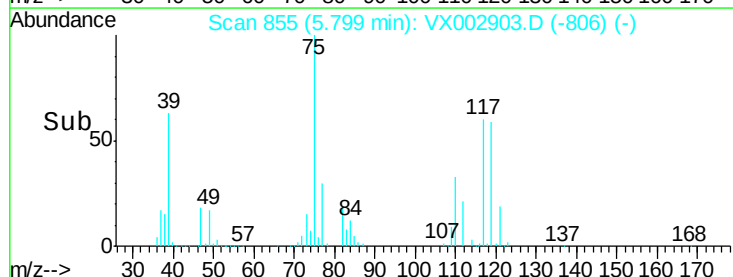
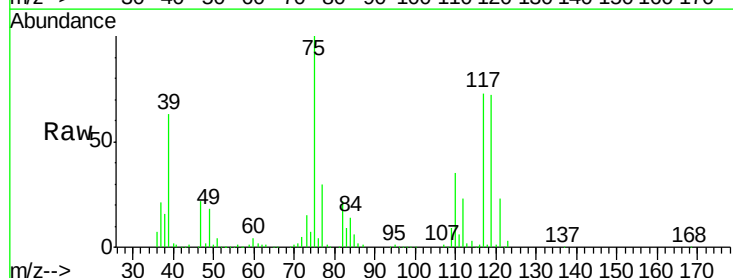
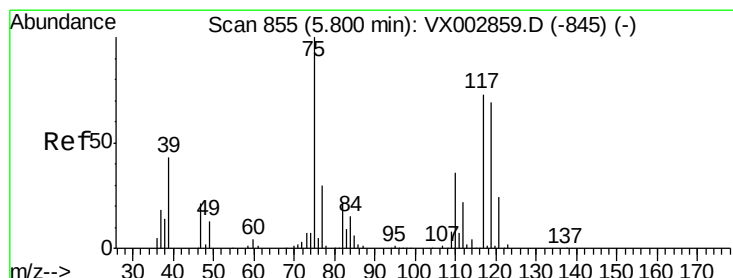
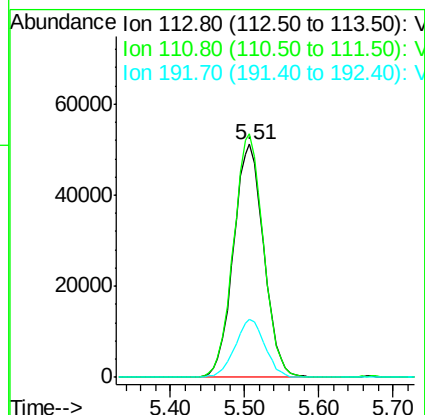
#35
Dibromofluoromethane
Concen: 50.98 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145794		
111	102.9	81.4	122.0	
192	24.5	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

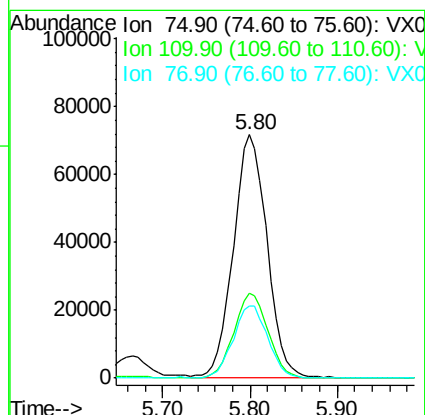
Manual Integrations
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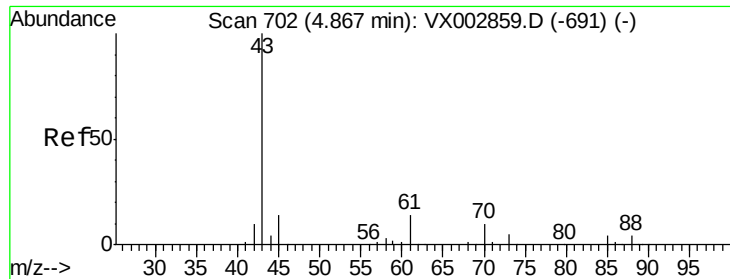
MMDadoda
6/28/2018 3:12:08 PM



#36
1,1-Dichloropropene
Concen: 48.12 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190567		
110	35.8	18.1	54.4	
77	30.6	24.3	36.5	





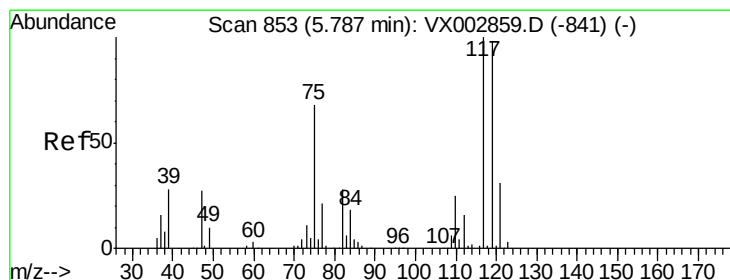
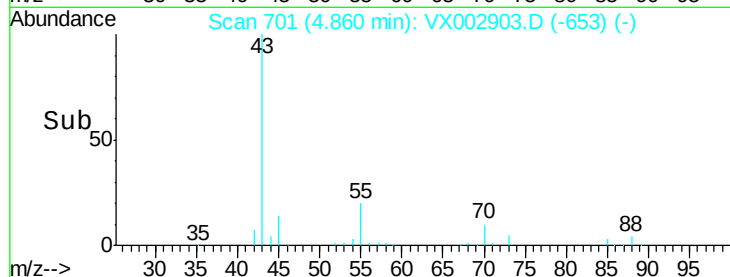
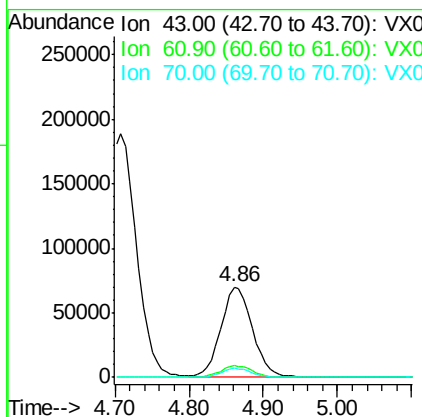
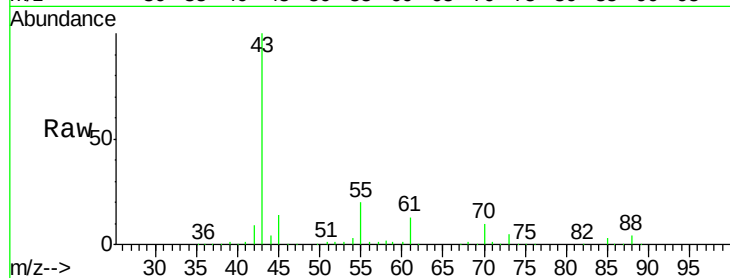
#37
Ethyl Acetate
Concen: 48.36 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.6	7.6	11.4

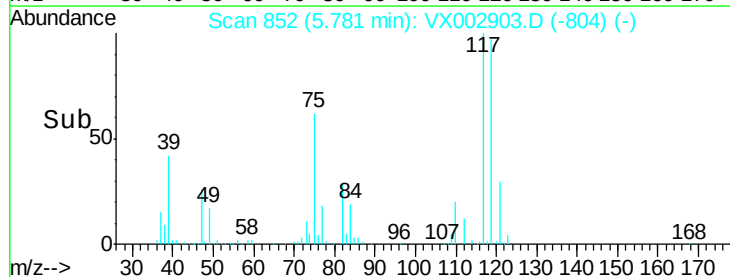
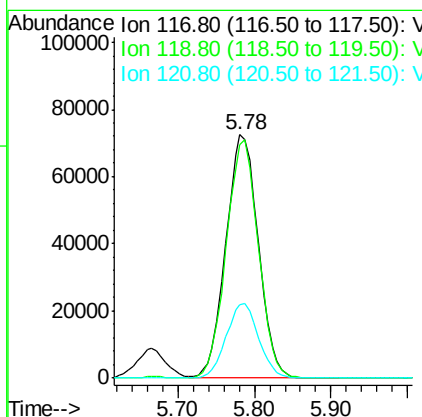
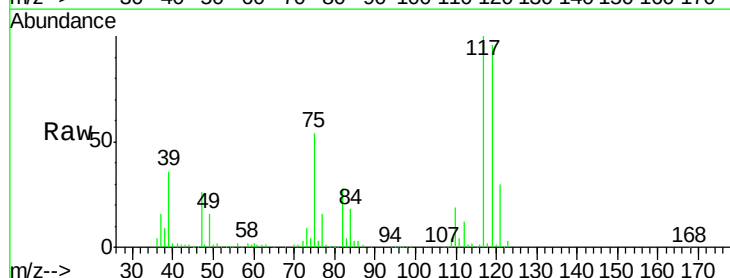
Manual Integrations
APPROVED

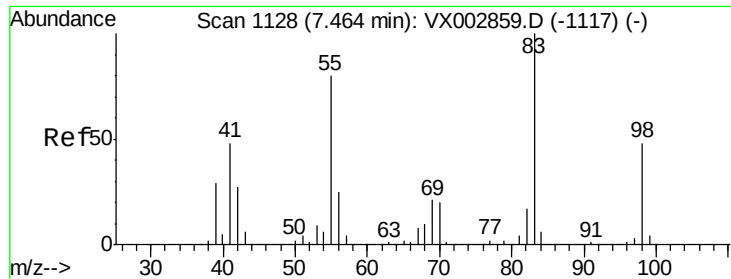
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.07 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
121	30.2	24.4	36.6





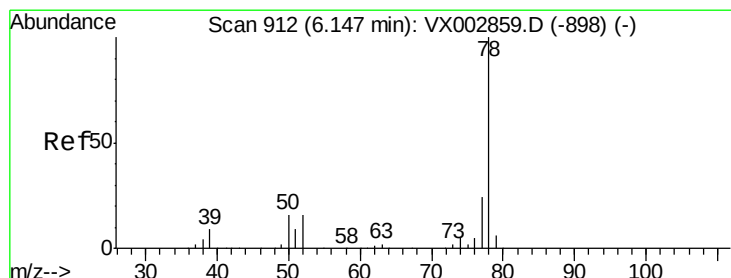
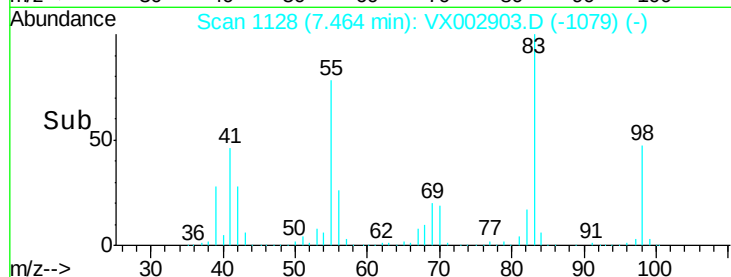
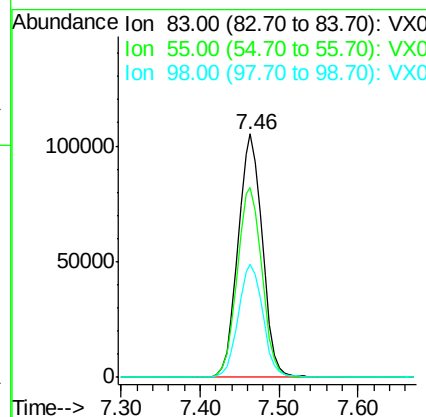
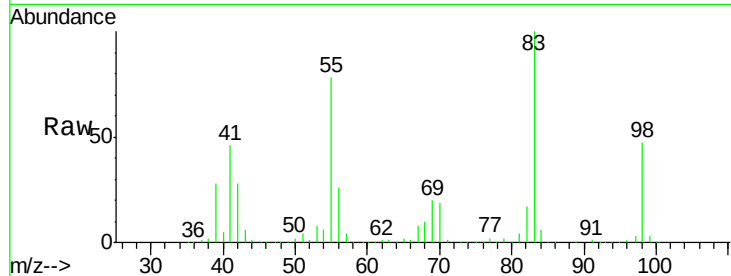
#39
Methylvlcyclohexane
Concen: 48.92 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	225691		
55	78.1		65.4	98.0
98	46.5		37.4	56.0

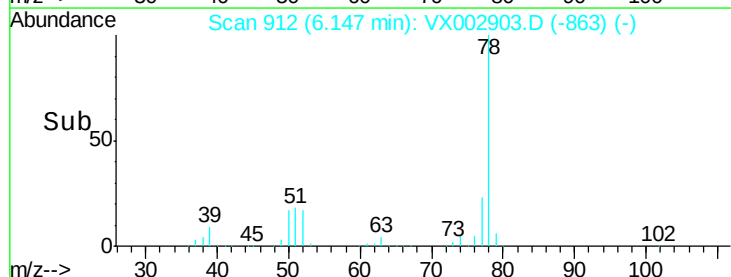
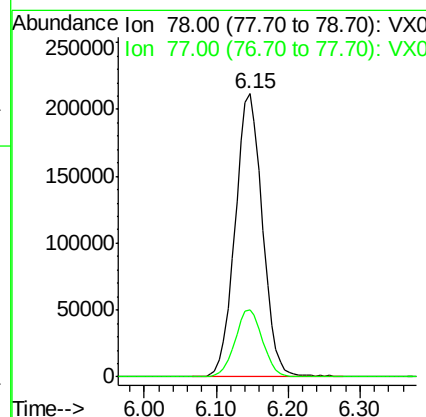
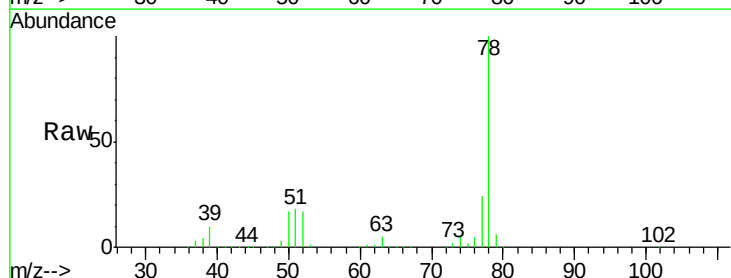
Manual Integrations
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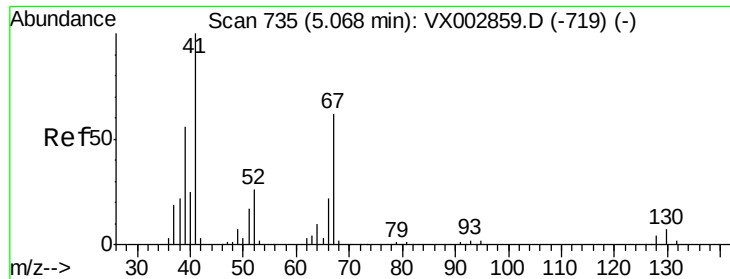
MMDadoda
6/28/2018 3:12:08 PM



#40
Benzene
Concen: 48.41 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	557076		
77	23.9		19.1	28.7





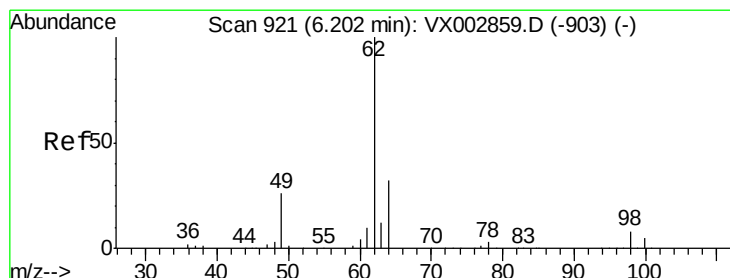
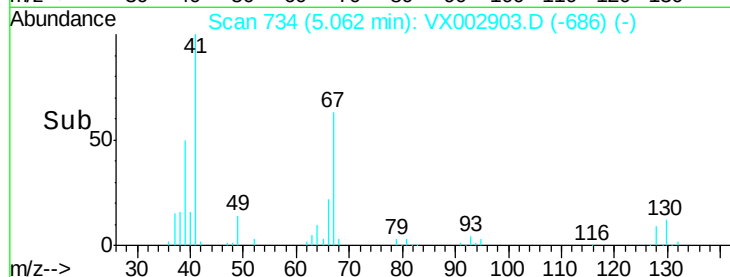
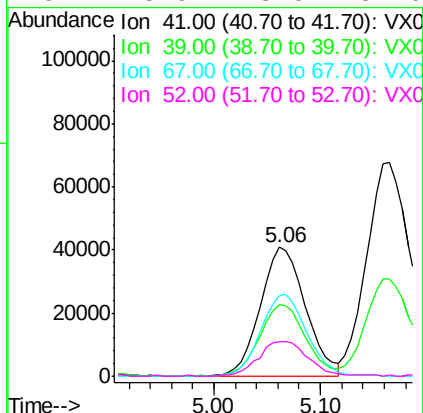
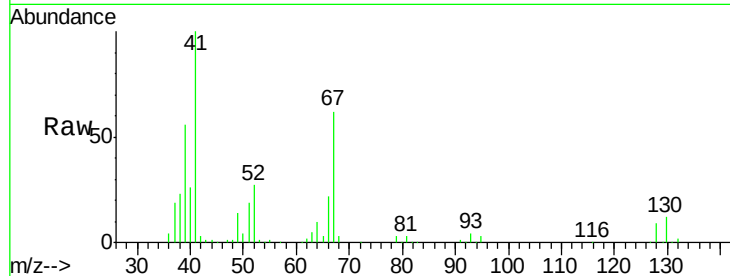
#41
Methacrylonitrile
Concen: 49.15 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		120690		
39	56.2	45.8	68.6		
67	64.9	51.3	76.9		
52	28.9	23.0	34.6		

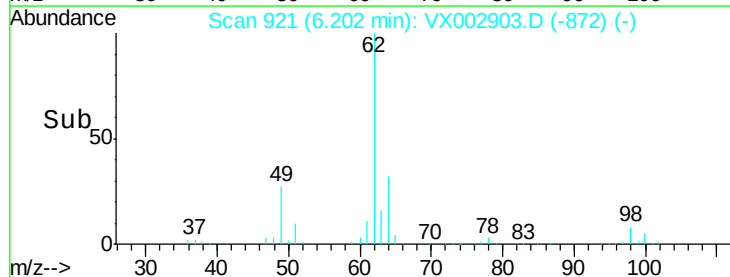
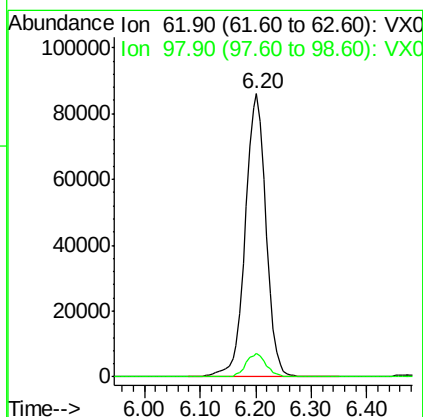
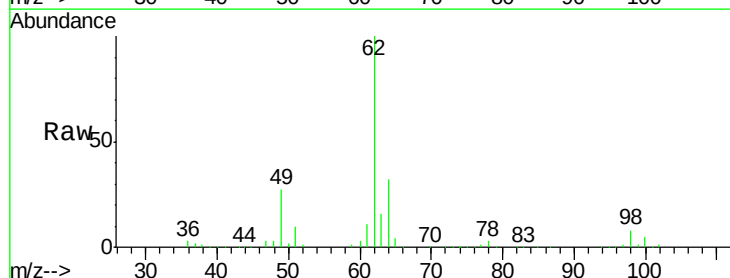
Manual Integrations
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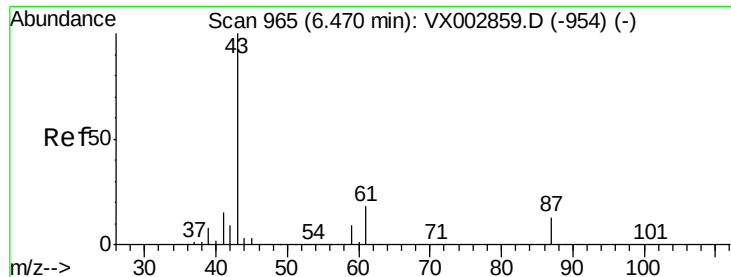
MMDadoda
6/28/2018 3:12:08 PM



#42
1,2-Dichloroethane
Concen: 47.84 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		222377		
98	8.1	0.0	16.6		





#43

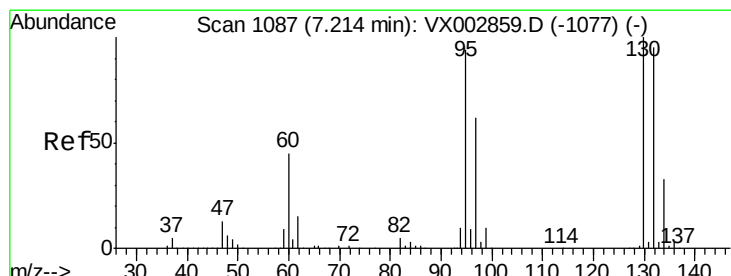
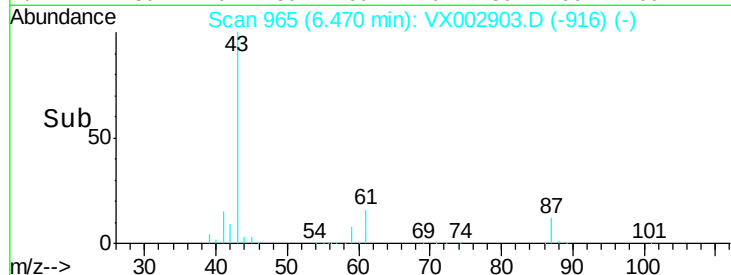
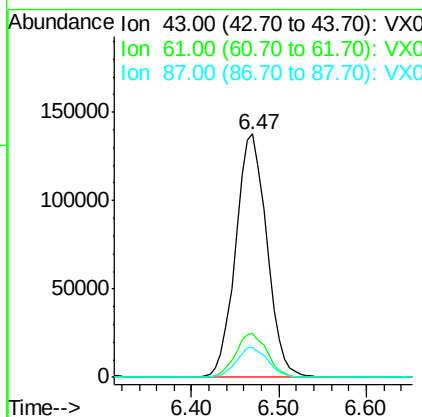
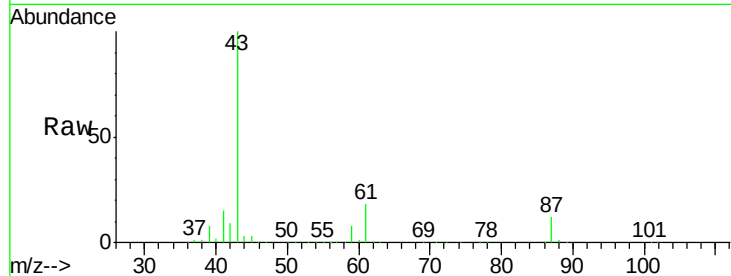
Isopropyl Acetate
 Concen: 47.55 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.5	9.5	14.3

Manual Integrations
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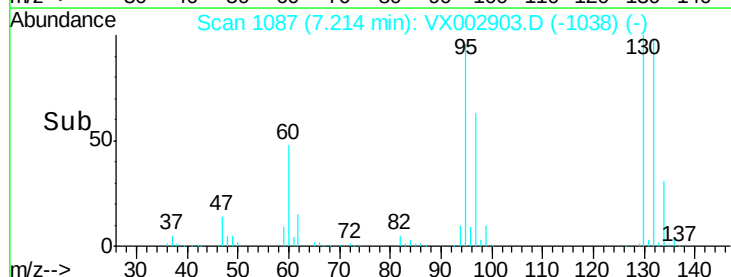
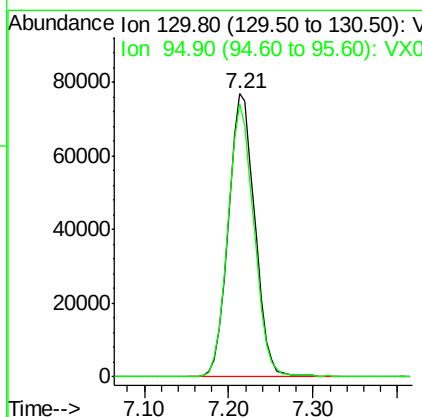
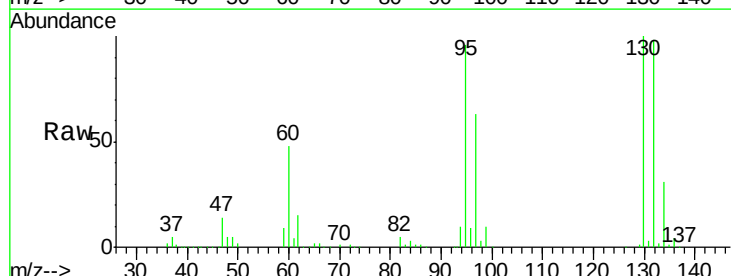
MMDadoda
 6/28/2018 3:12:08 PM

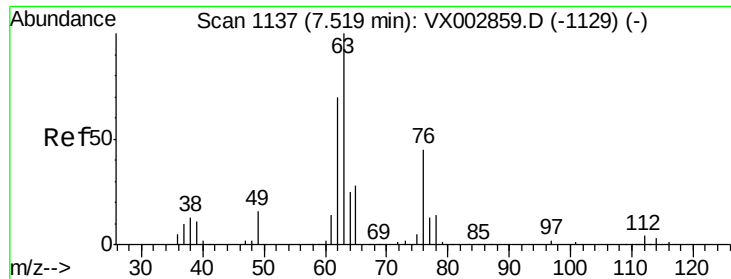


#44

Trichloroethene
 Concen: 47.76 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	185.4





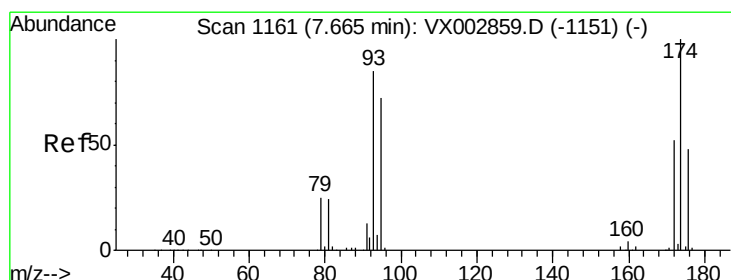
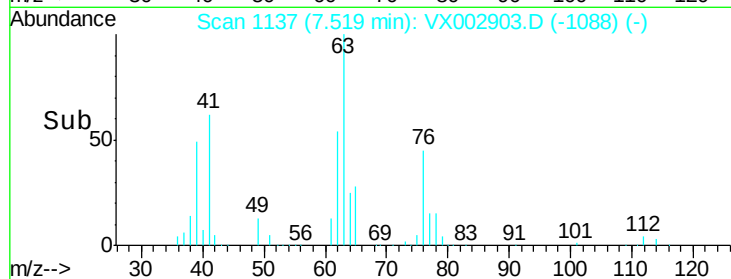
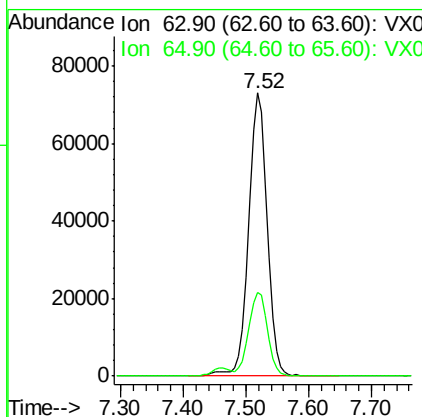
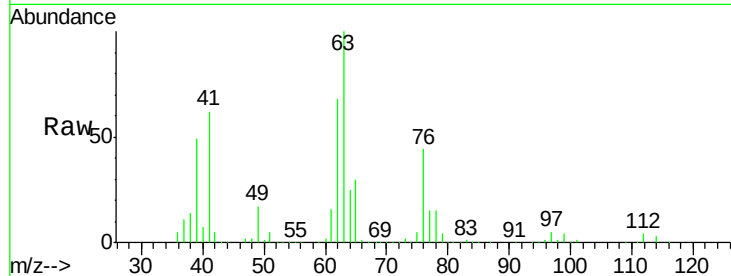
#45
 1,2-Dichloropropane
 Concen: 49.00 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 149557
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1

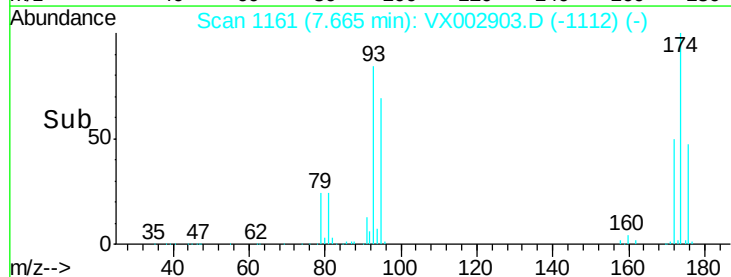
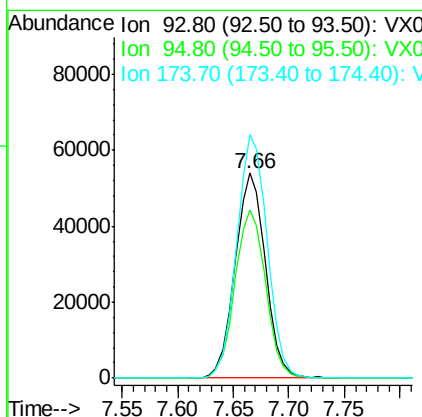
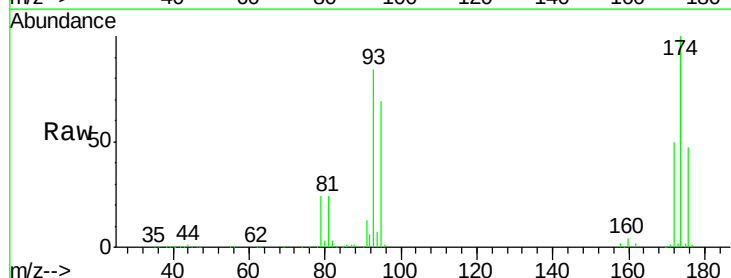
Manual Integrations
 APPROVED

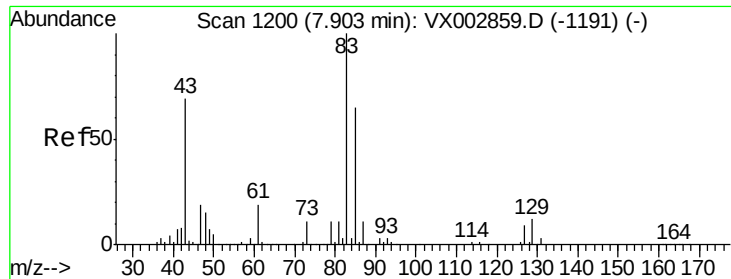
MMDadoda
 6/28/2018 3:12:08 PM



#46
 Dibromomethane
 Concen: 48.08 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 93 Resp: 101847
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 119.6 92.4 138.6





#47

Bromodichloromethane

Concen: 50.73 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

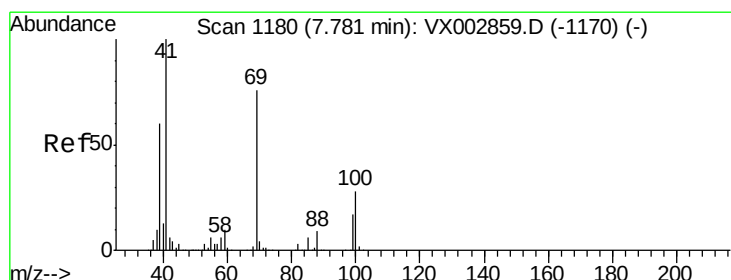
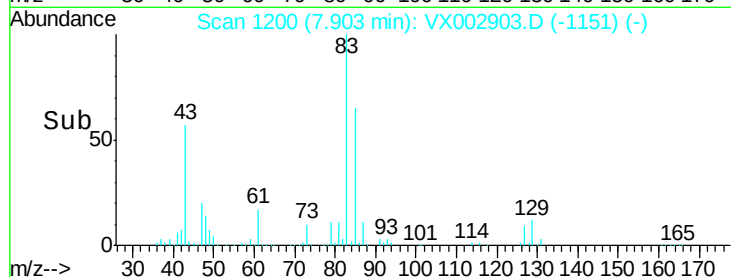
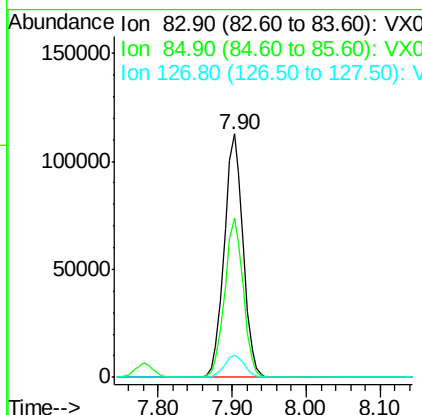
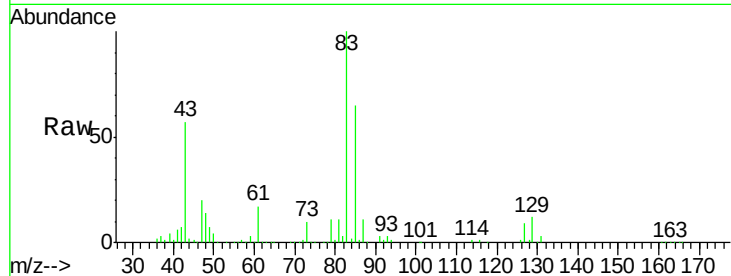
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	198671
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.39 ug/l

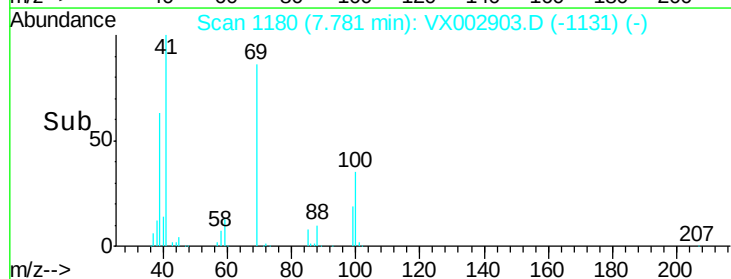
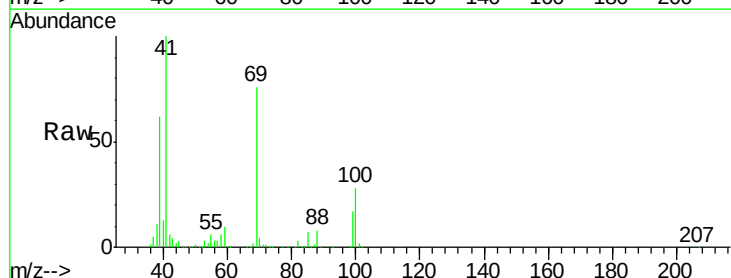
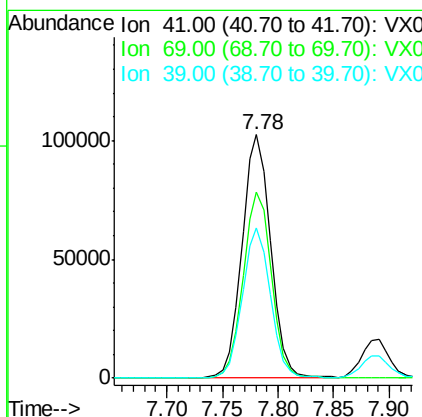
RT: 7.78 min Scan# 1180

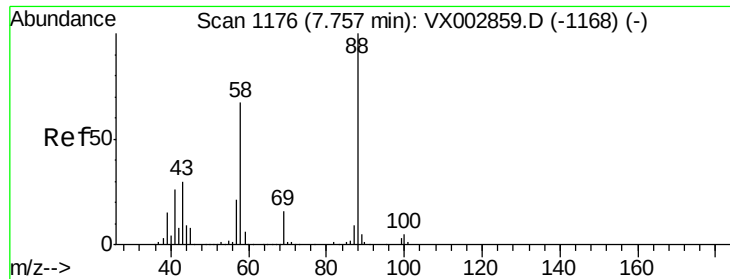
Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	41	Resp:	181989
Ion	Ratio	Lower	Upper
41	100		
69	76.6	59.1	88.7
39	60.6	48.9	73.3





#49

1,4-Dioxane

Concen: 982.83 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

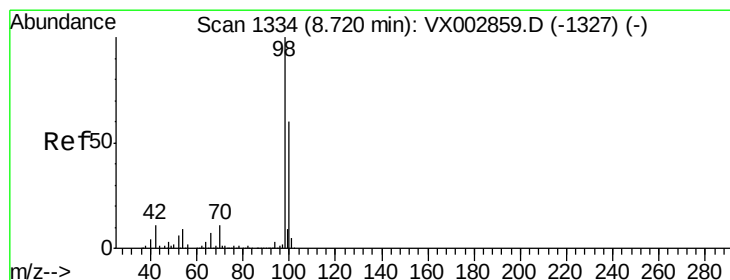
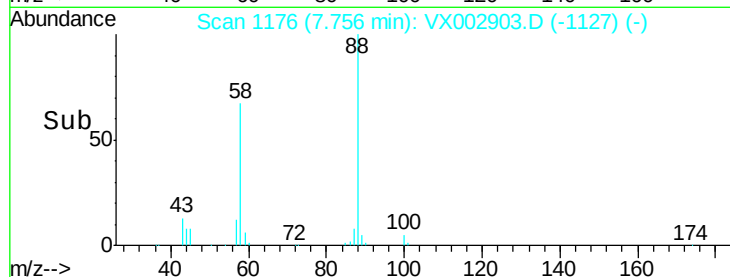
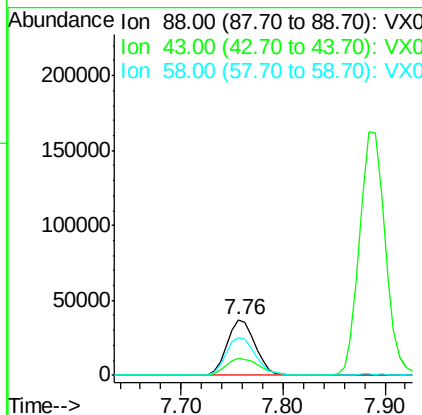
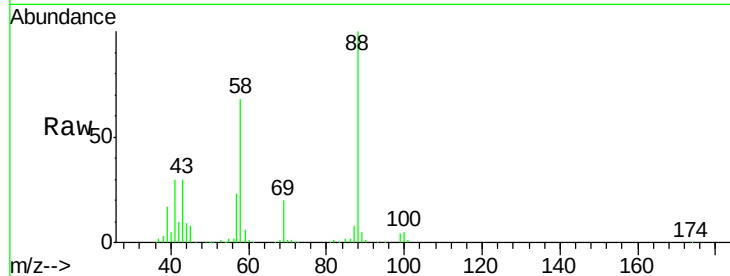
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	70460
Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.8	44.6
58	71.2	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 51.63 ug/l

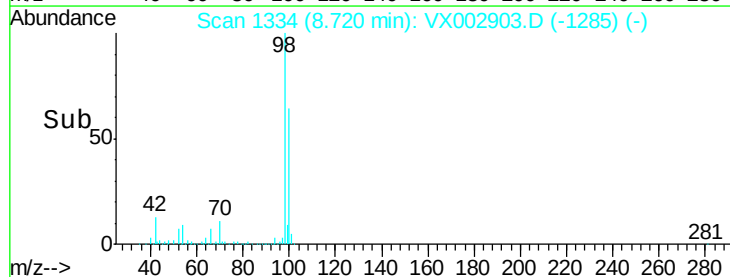
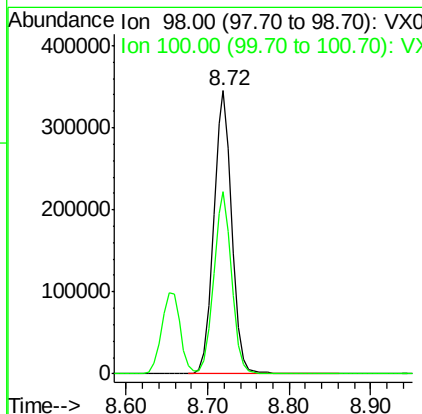
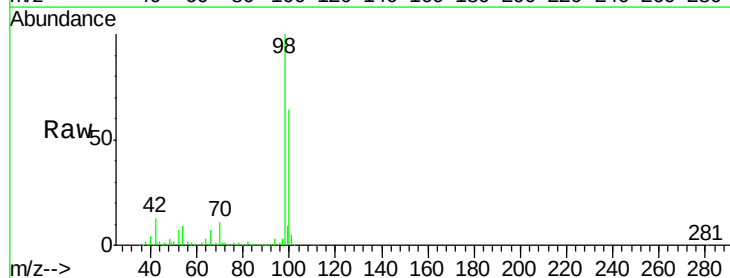
RT: 8.72 min Scan# 1334

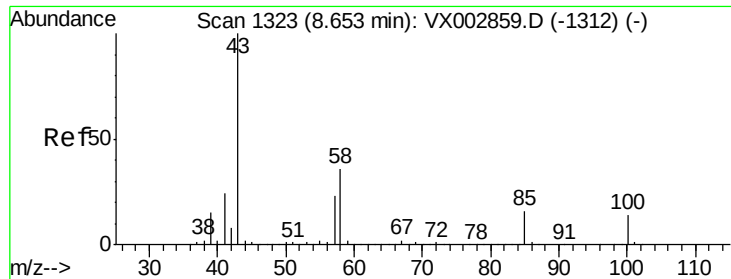
Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	98	Resp:	539251
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 249.18 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1114914

Ion Ratio Lower Upper

43 100

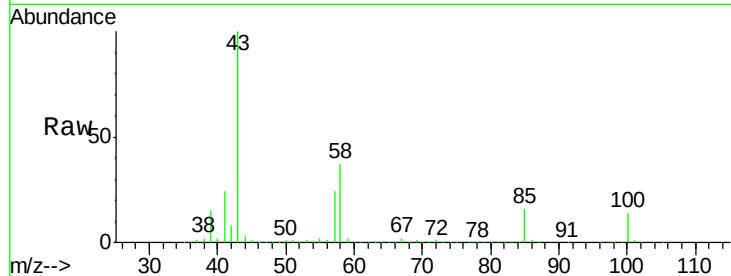
58 36.4 28.6 42.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

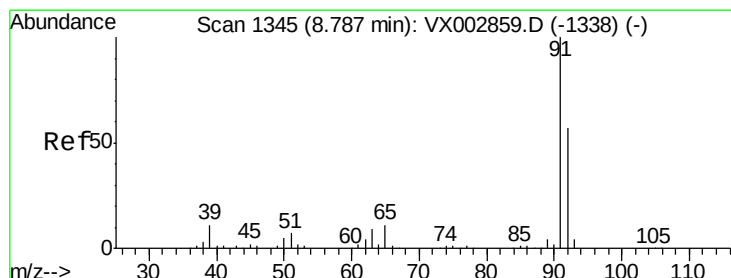
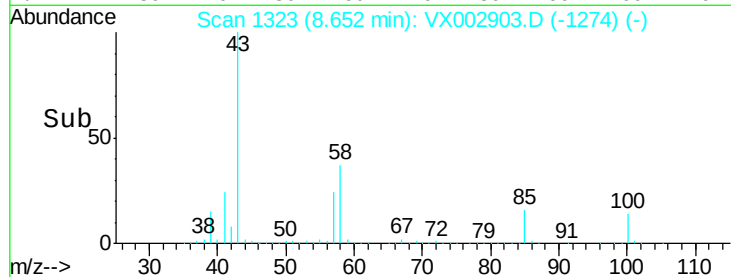
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002903.D

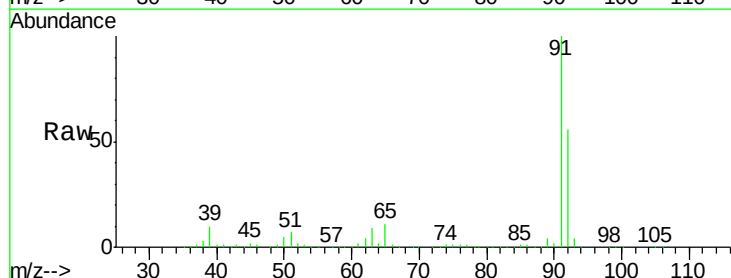
Acq: 26 Jun 2018 19:18

Tgt Ion: 92 Resp: 364174

Ion Ratio Lower Upper

92 100

91 177.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

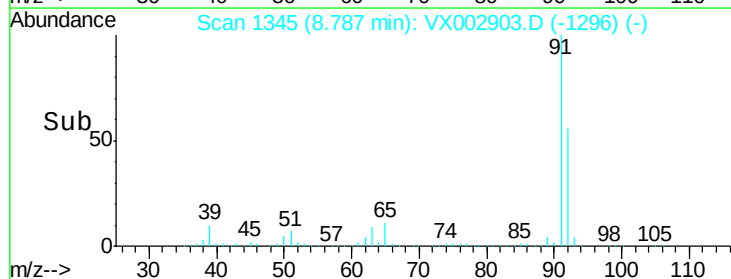
300000

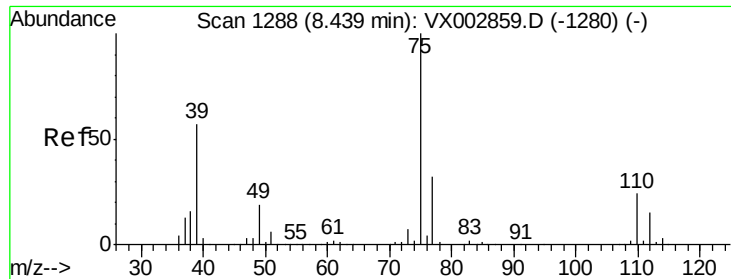
200000

100000

0

Time-->





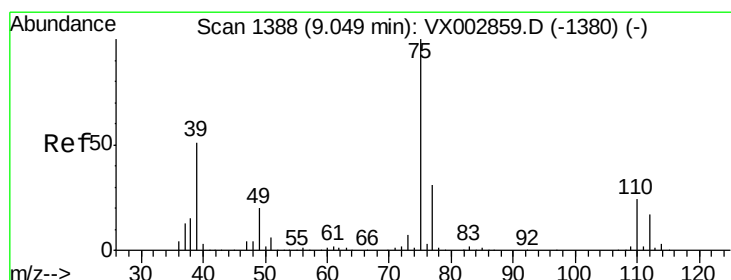
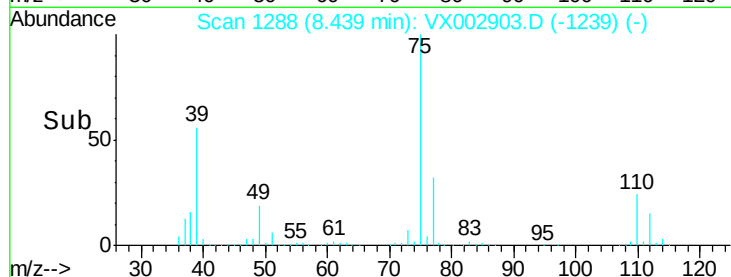
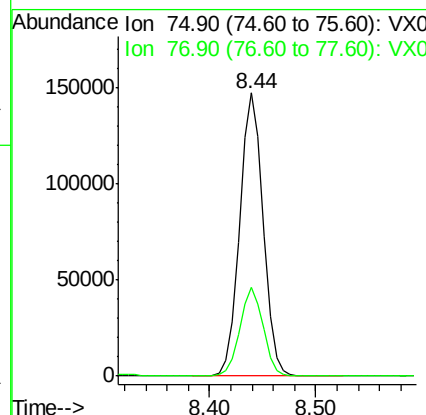
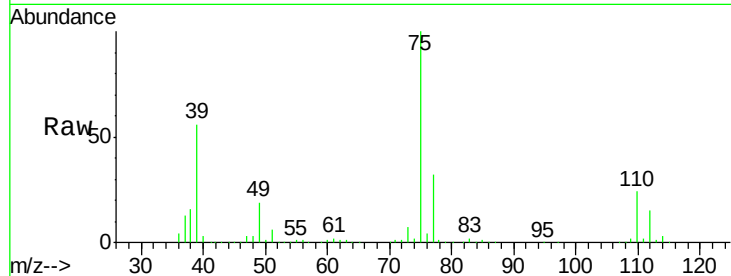
#53
 t-1,3-Dichloropropene
 Concen: 51.40 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 227960
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

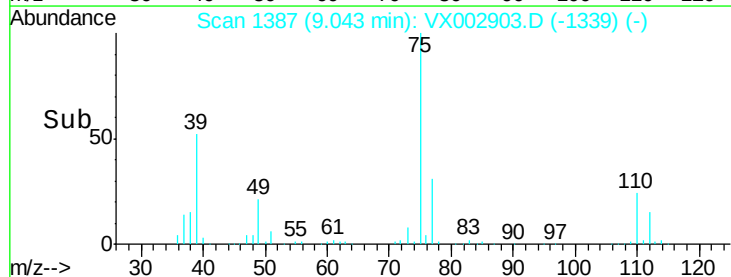
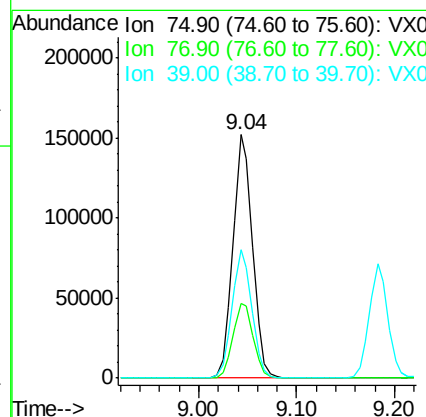
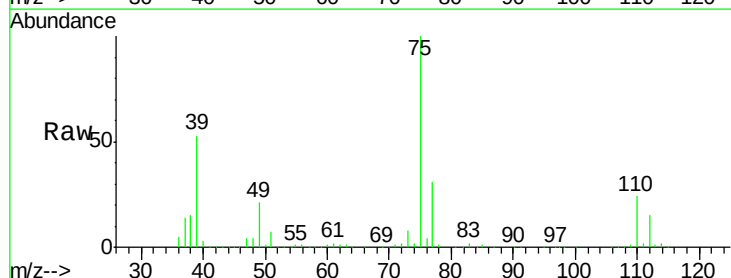
Manual Integrations
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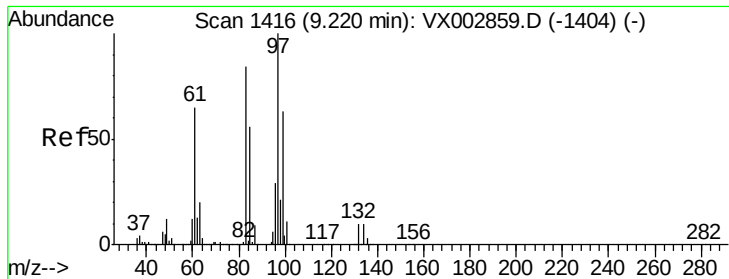
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 49.43 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 75 Resp: 210940
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 52.4 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 49.98 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

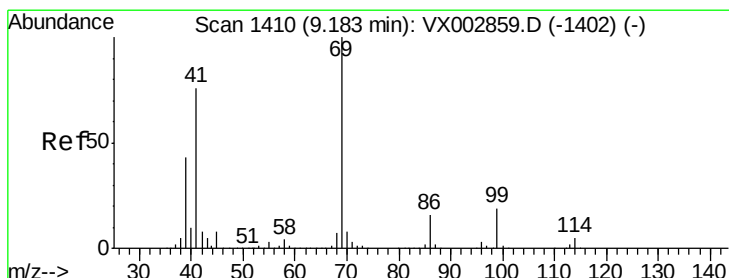
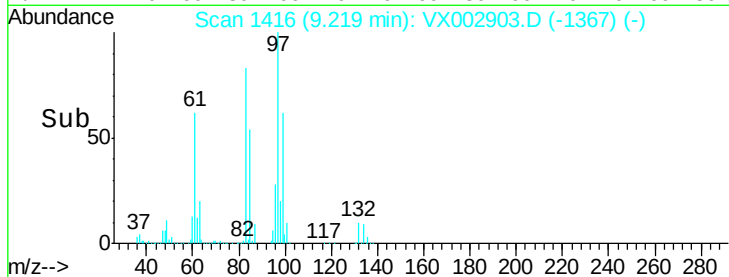
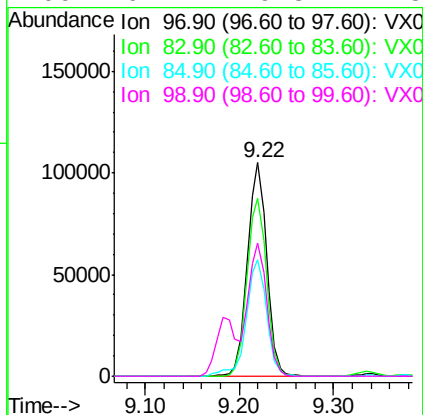
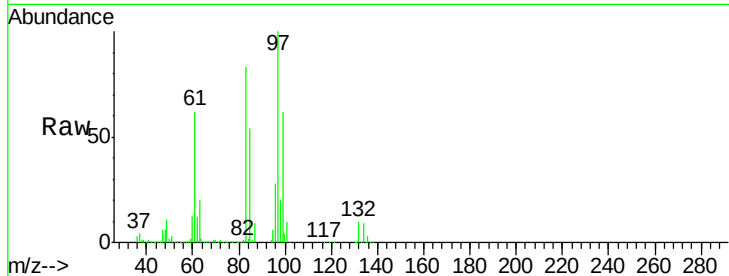
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	151383
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.2	105.2
85	54.3	44.9	67.3
99	62.4	49.8	74.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.20 ug/l

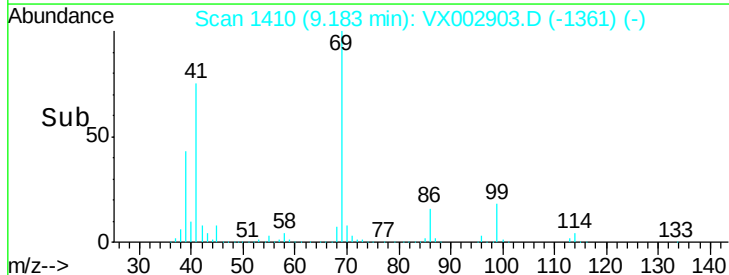
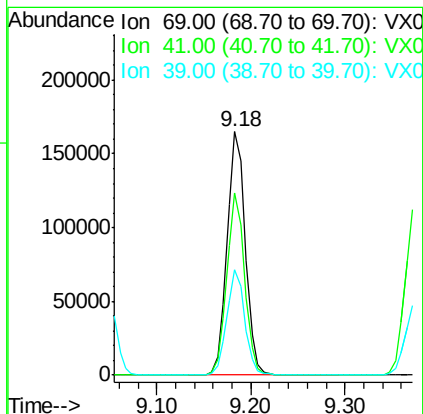
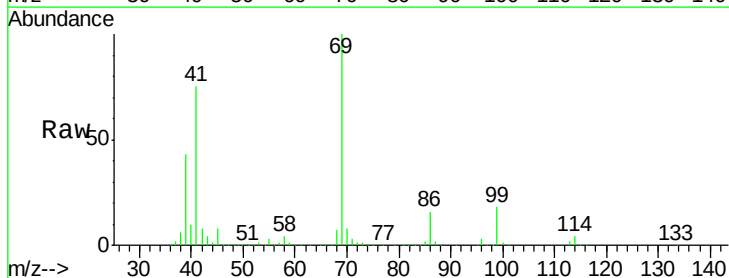
RT: 9.18 min Scan# 1410

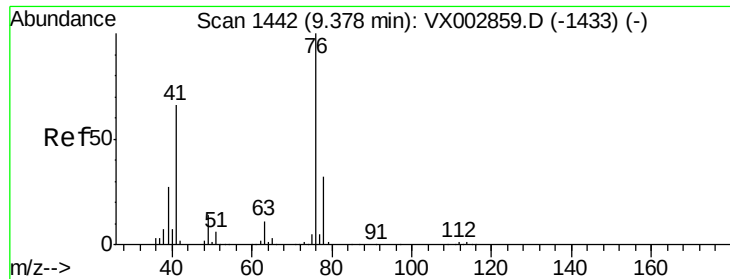
Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	69	Resp:	222218
Ion	Ratio	Lower	Upper
69	100		
41	72.5	60.3	90.5
39	42.7	35.8	53.8





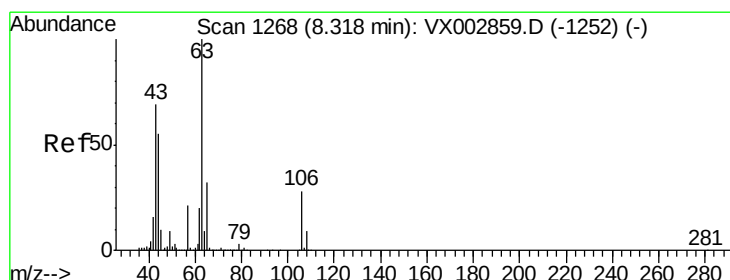
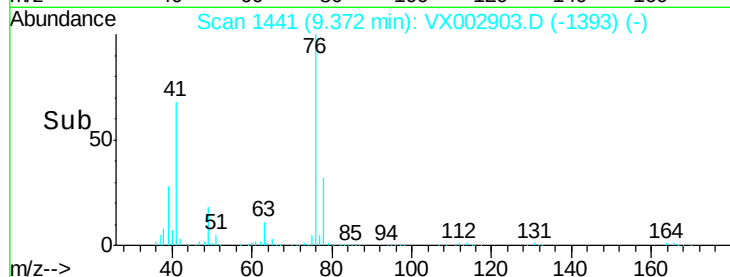
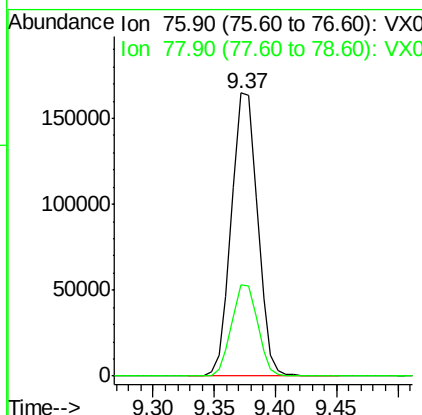
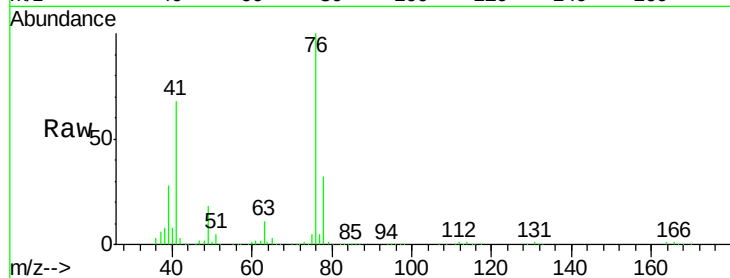
#57
 1,3-Dichloropropane
 Concen: 49.02 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 243892
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6

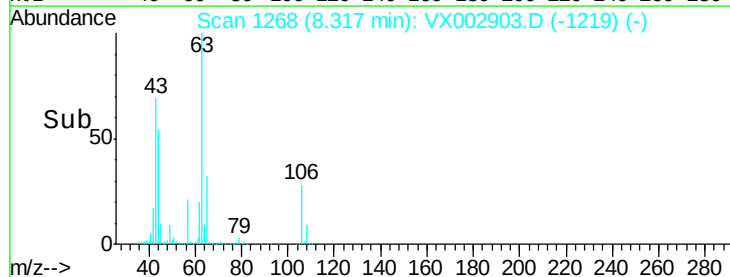
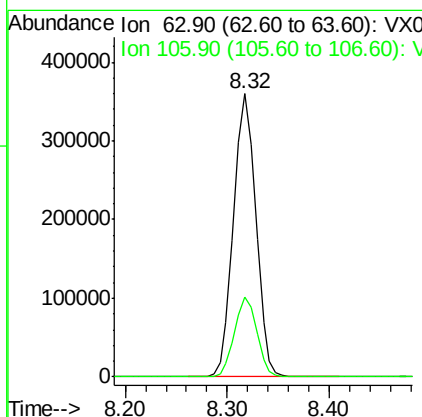
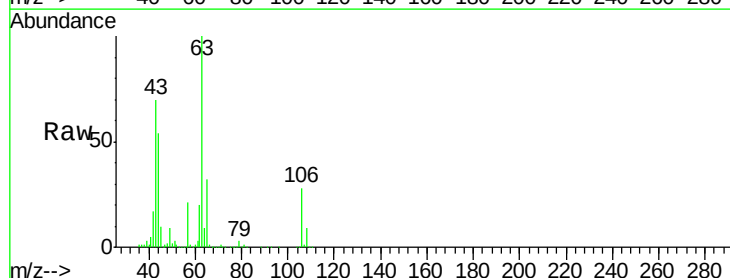
Manual Integrations
 APPROVED

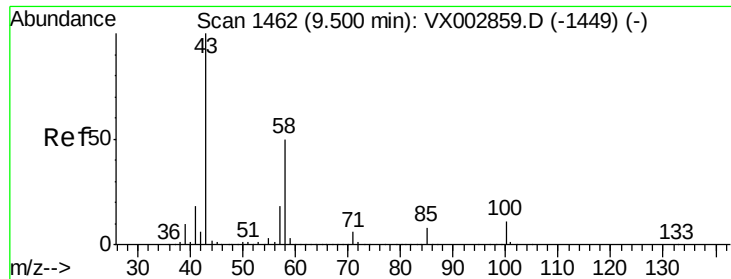
MMDadoda
 6/28/2018 3:12:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.79 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 63 Resp: 546304
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8





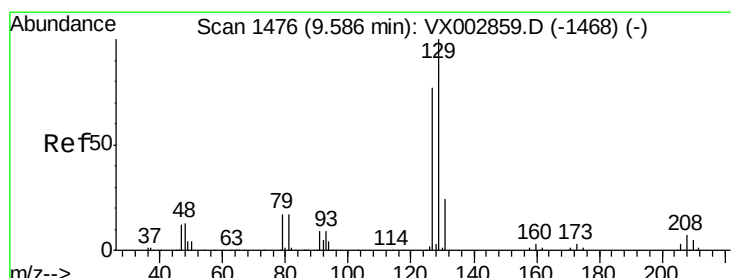
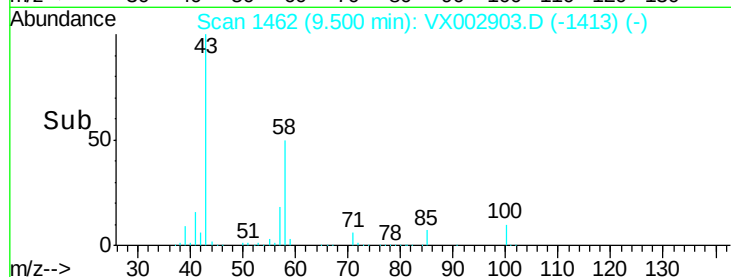
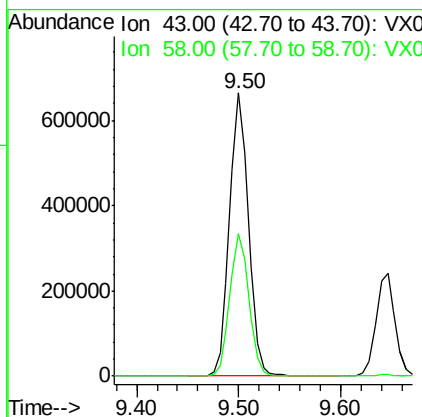
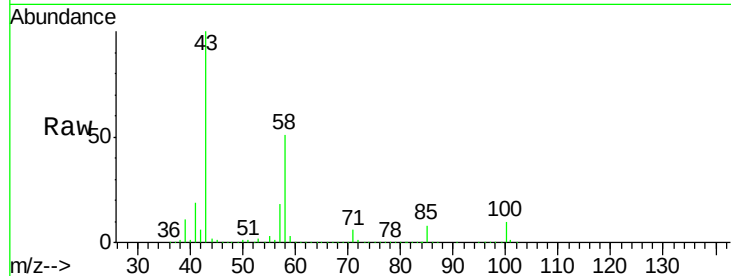
#59
2-Hexanone
Concen: 250.11 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.8	24.6	73.6

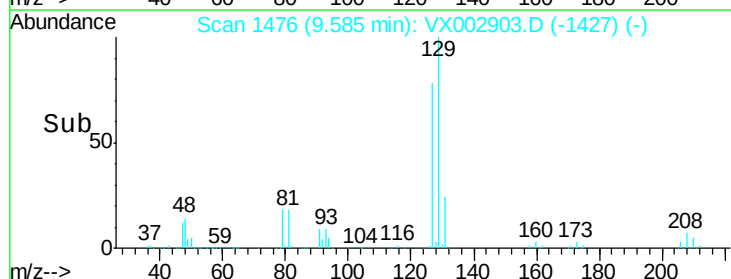
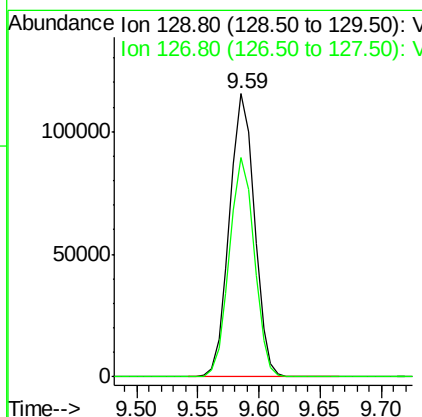
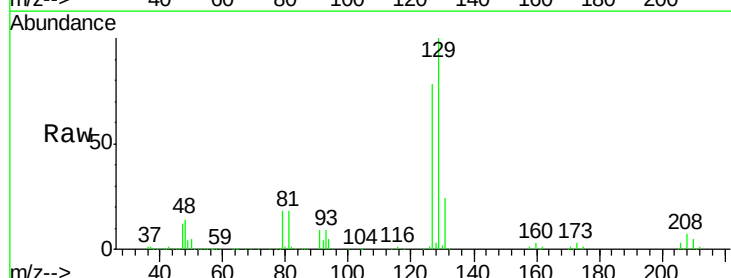
Manual Integrations
APPROVED

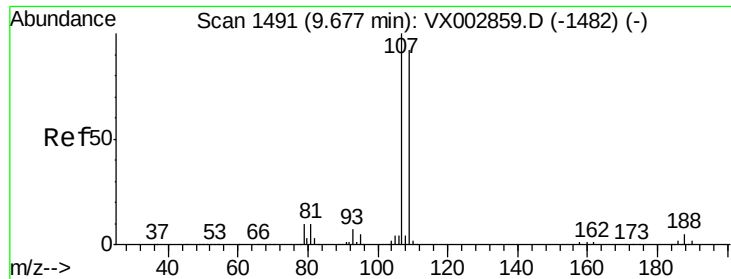
MMDadoda
6/28/2018 3:12:08 PM



#60
Dibromochloromethane
Concen: 51.19 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.5	115.3





#61

1,2-Dibromoethane

Concen: 49.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 158001

Ion Ratio Lower Upper

107 100

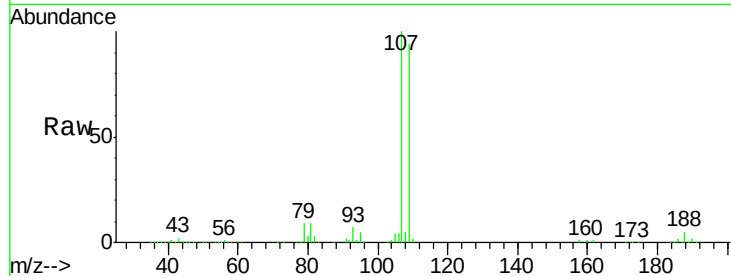
109 94.6 75.3 112.9

Manual Integrations

APPROVED

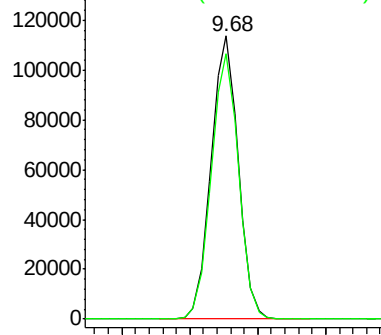
MMDadoda

6/28/2018 3:12:08 PM

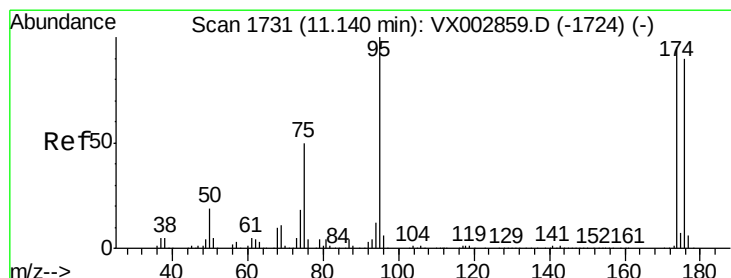
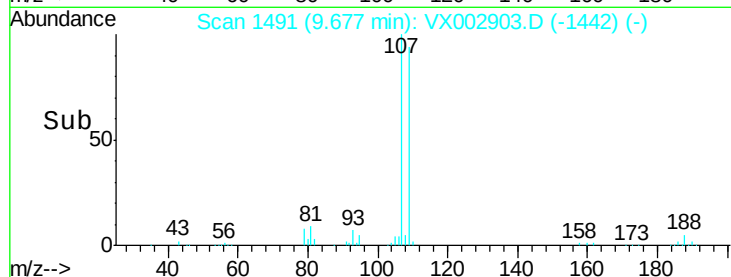


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 52.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

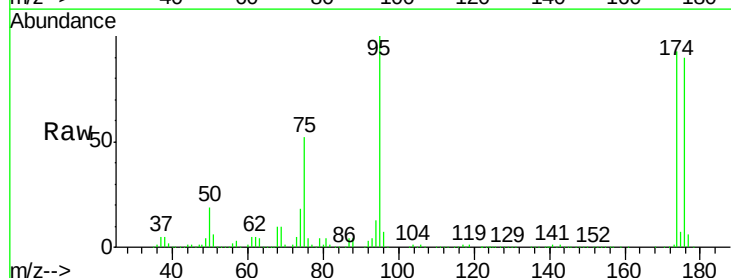
Tgt Ion: 95 Resp: 210764

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

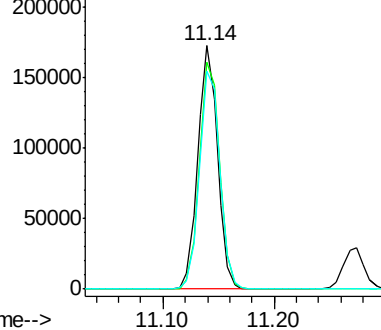
176 93.3 0.0 181.0



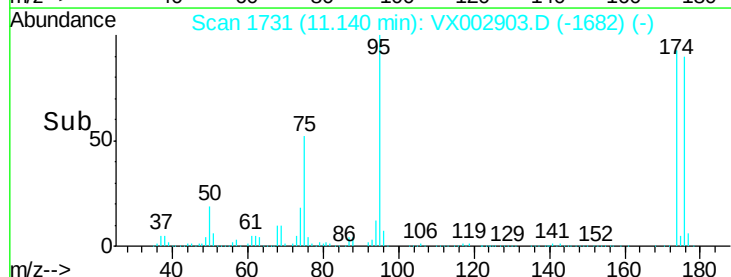
Abundance Ion 94.90 (94.60 to 95.60): VX0

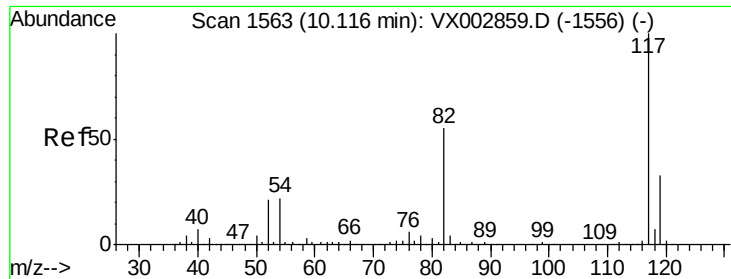
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





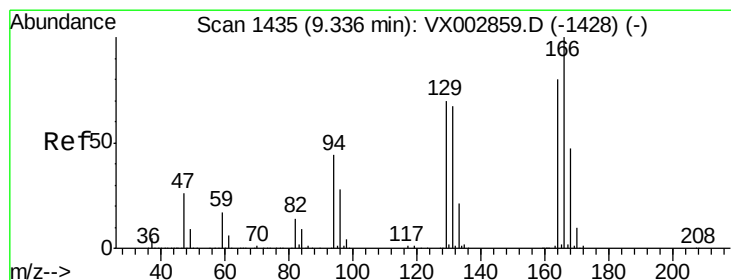
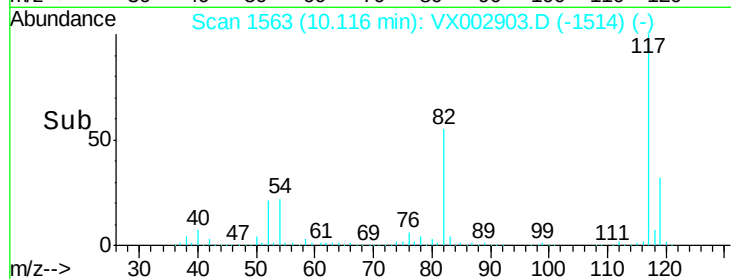
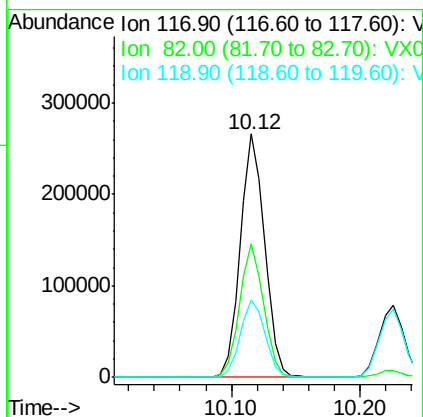
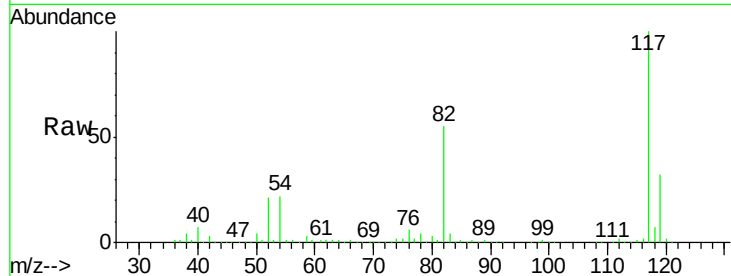
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.4
119	31.6	25.8	38.6

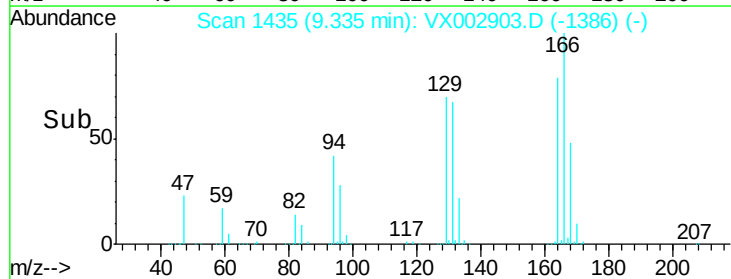
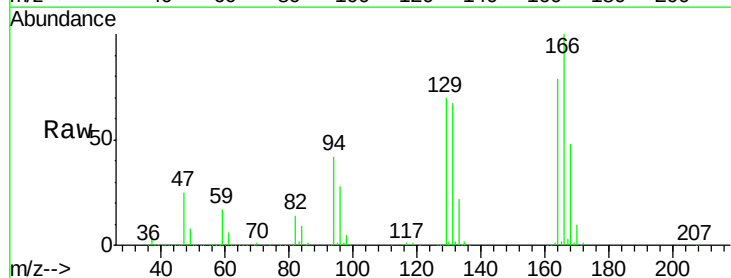
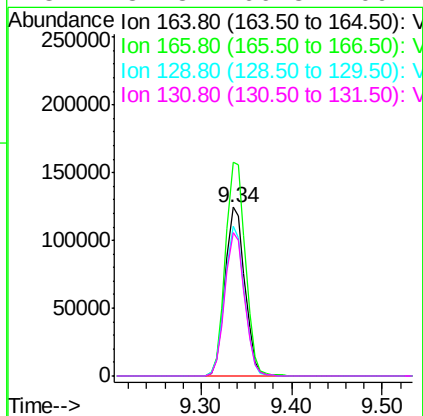
Manual Integrations
APPROVED

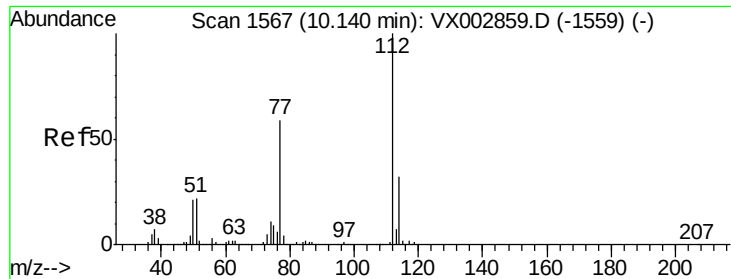
MMDadoda
6/28/2018 3:12:08 PM



#64
Tetrachloroethene
Concen: 48.69 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.9	154.3
129	88.5	68.6	102.8
131	84.8	66.8	100.2





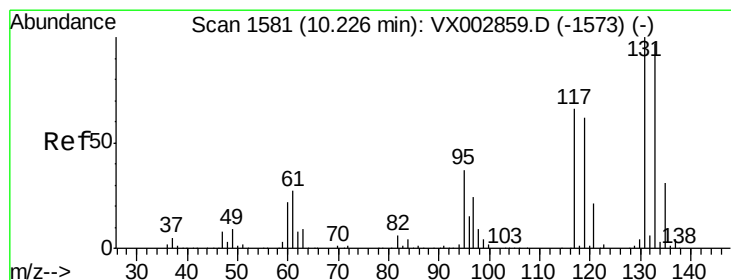
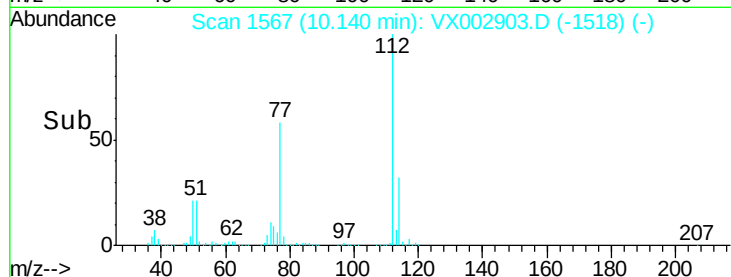
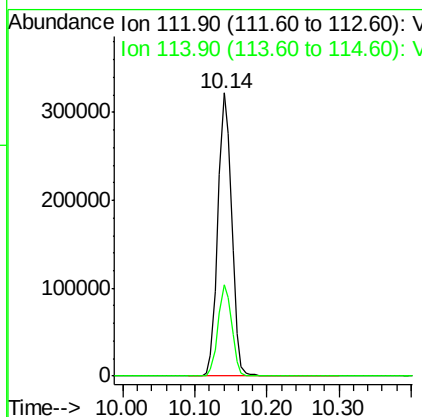
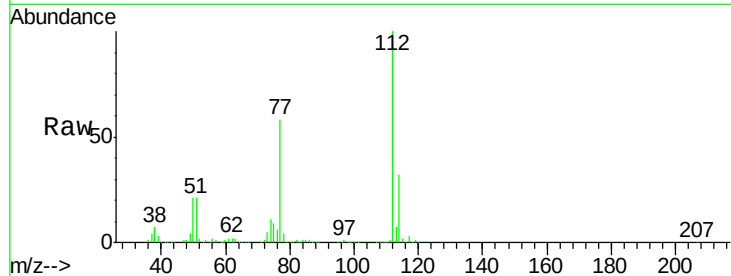
#65
Chlorobenzene
Concen: 48.23 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.3	37.9

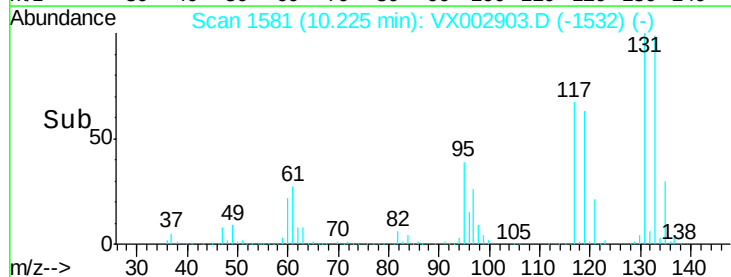
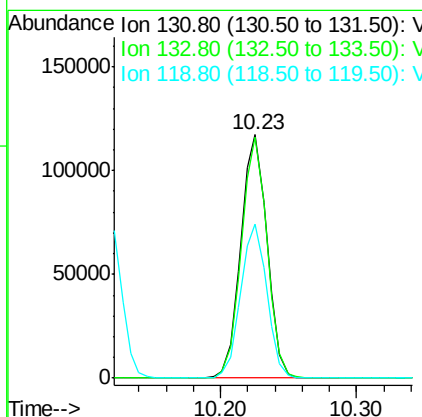
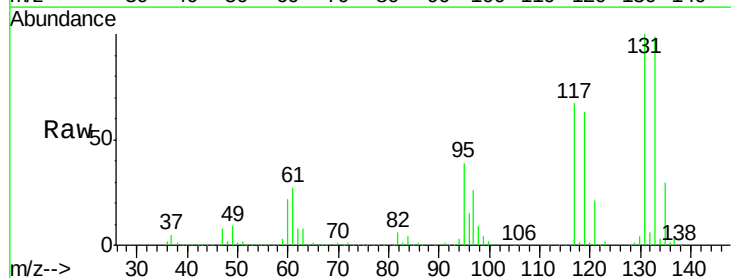
Manual Integrations
APPROVED

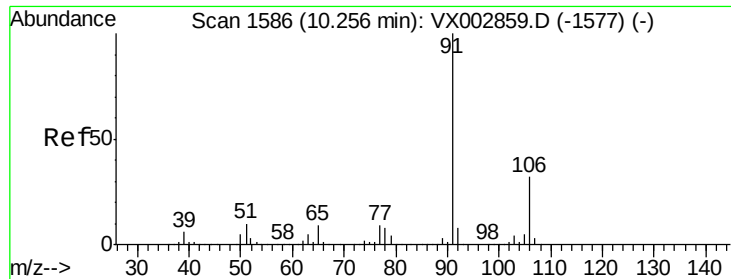
MMDadoda
6/28/2018 3:12:08 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.13 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.9	143.6
119	63.2	31.8	95.3





#67

Ethyl Benzene

Concen: 50.52 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 737571

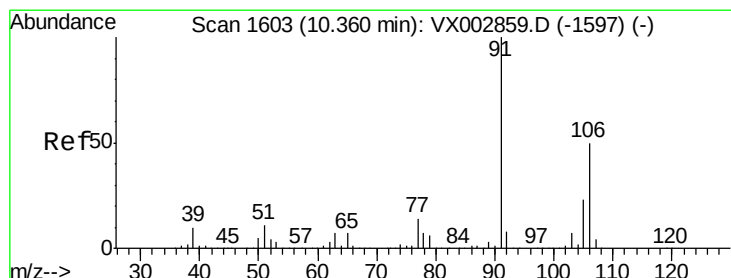
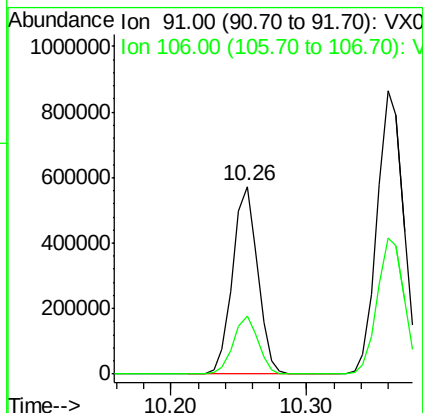
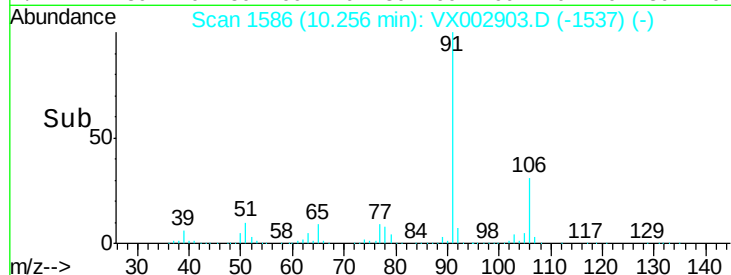
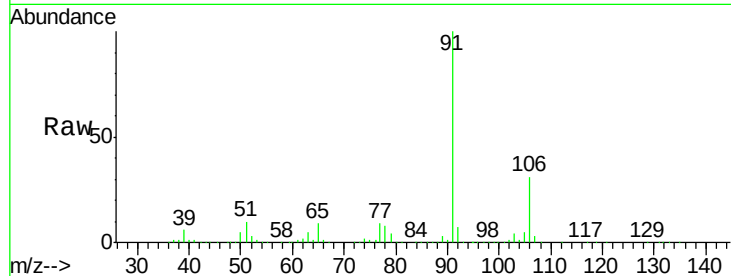
Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3

Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:08 PM



#68

m/p-Xylenes

Concen: 101.45 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002903.D

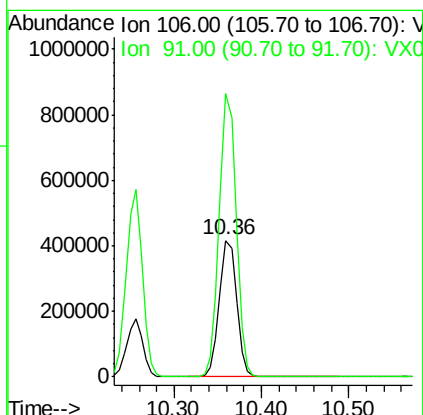
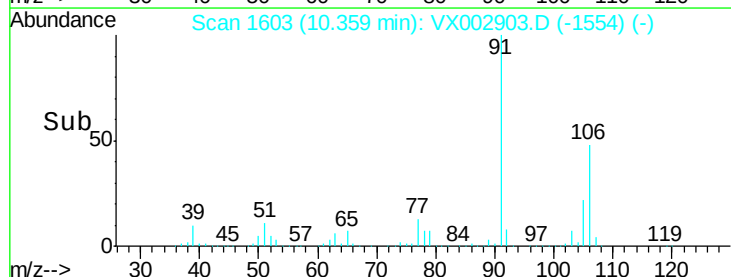
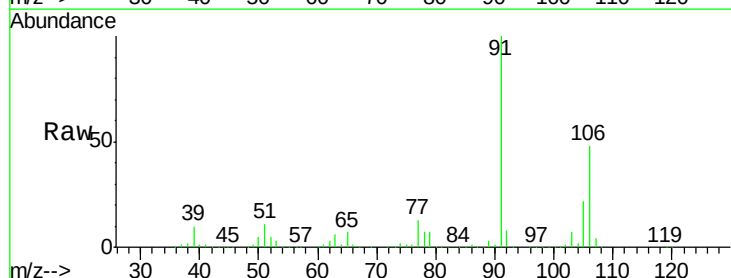
Acq: 26 Jun 2018 19:18

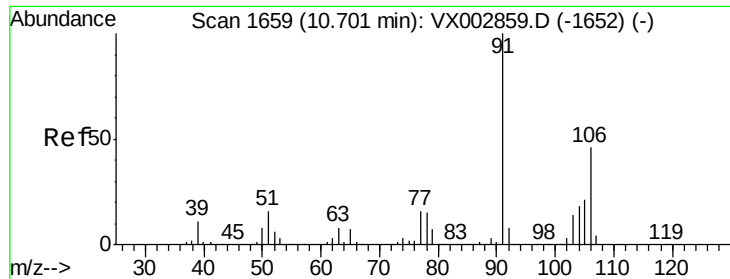
Tgt Ion: 106 Resp: 570768

Ion Ratio Lower Upper

106 100

91 204.1 163.4 245.2





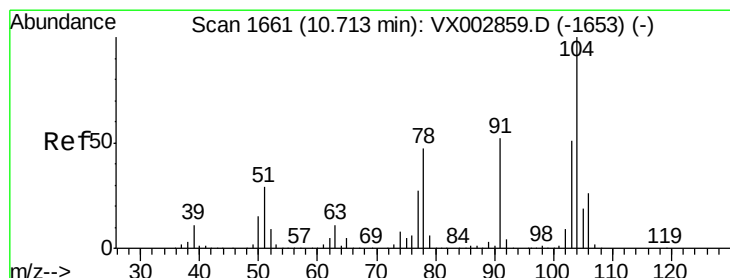
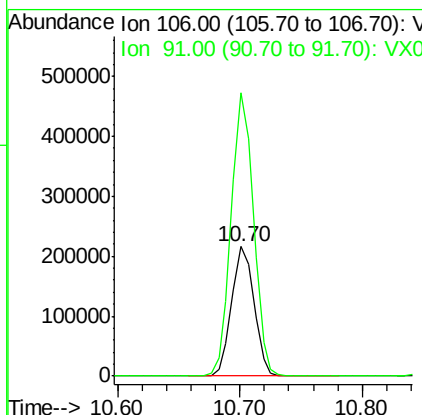
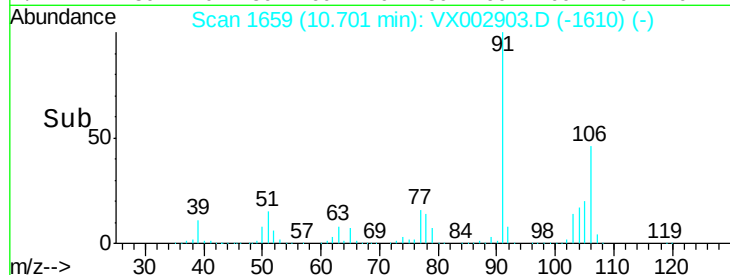
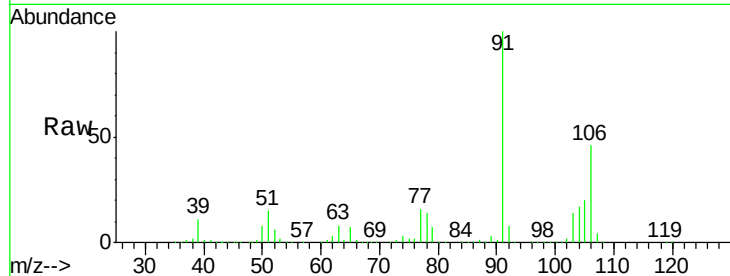
#69
o-Xylene
Concen: 50.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 274608
Ion Ratio Lower Upper
106 100
91 216.5 108.2 324.6

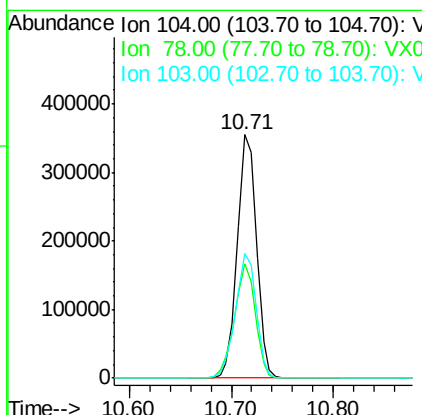
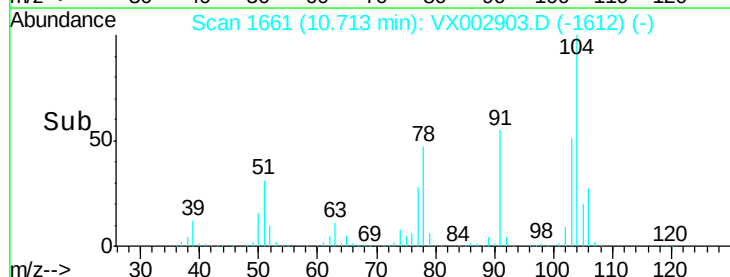
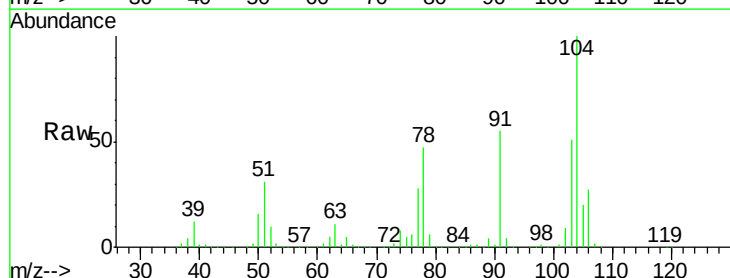
Manual Integrations
APPROVED

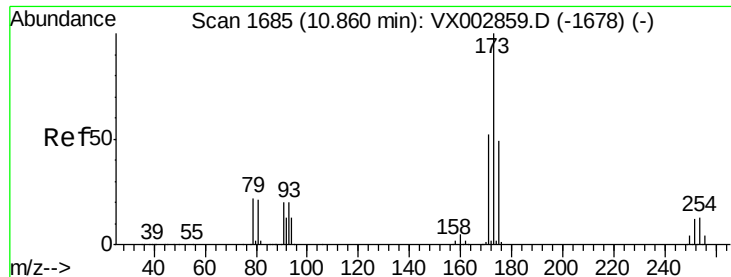
MMDadoda
6/28/2018 3:12:08 PM



#70
Styrene
Concen: 51.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion:104 Resp: 459405
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.4 44.2 66.4





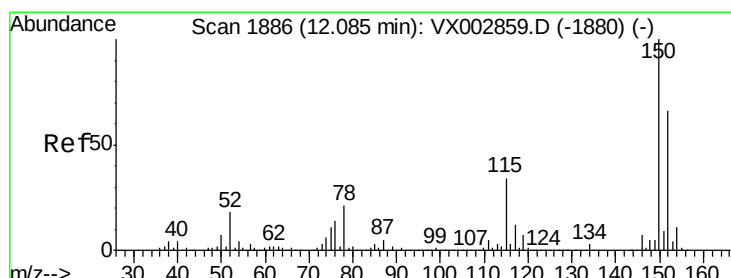
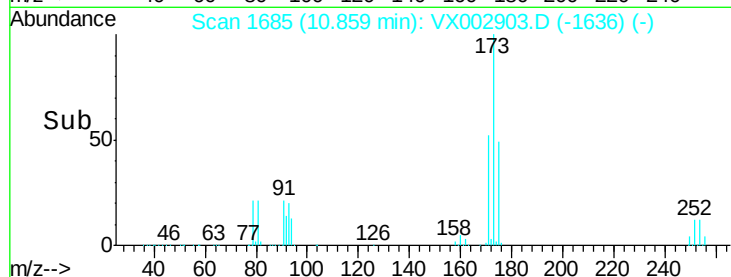
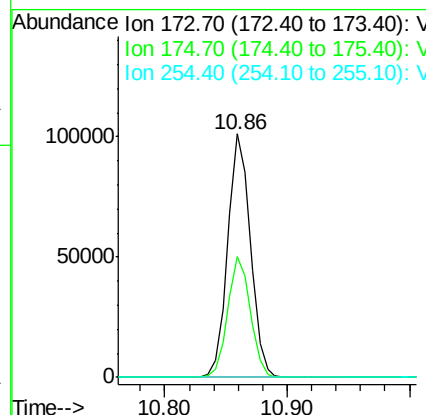
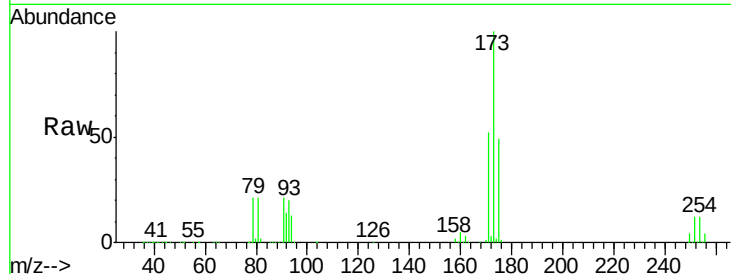
#71
Bromoform
Concen: 45.11 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.2	0.2	0.2

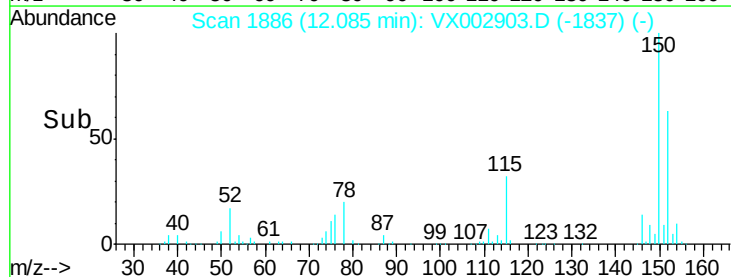
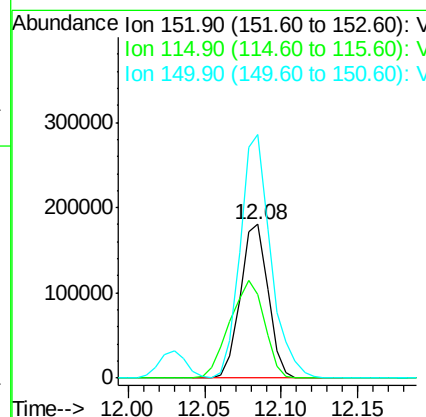
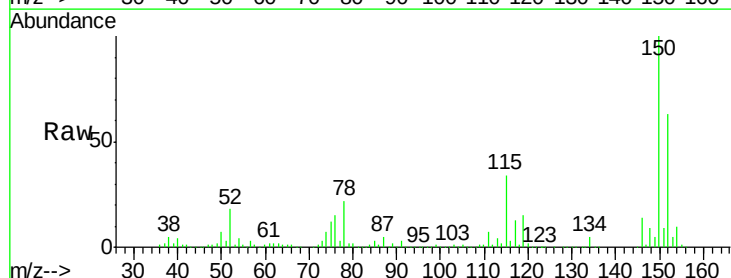
Manual Integrations
APPROVED

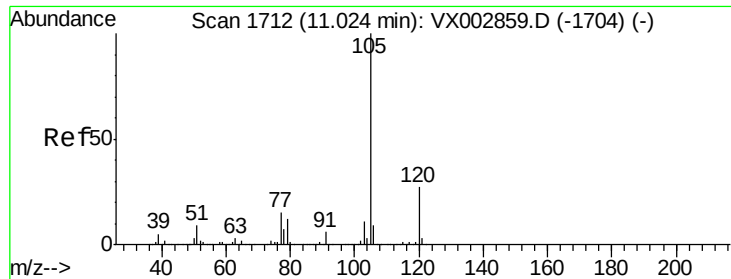
MMDadoda
6/28/2018 3:12:08 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.4	40.1	120.2
150	173.8	0.0	347.2





#73

Isopropylbenzene

Concen: 49.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 762649

Ion Ratio Lower Upper

105 100

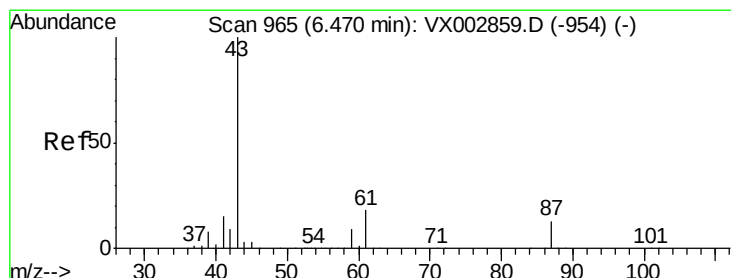
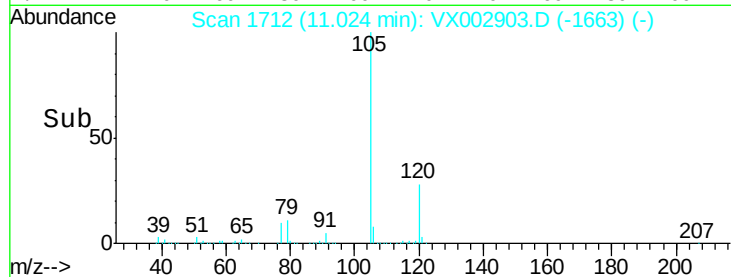
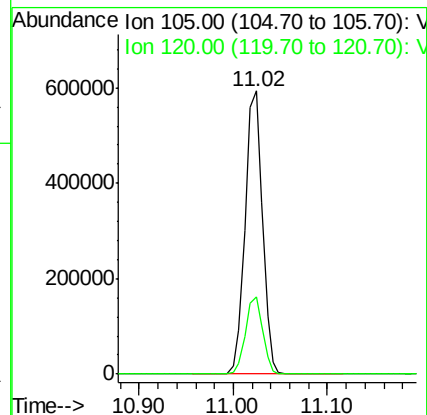
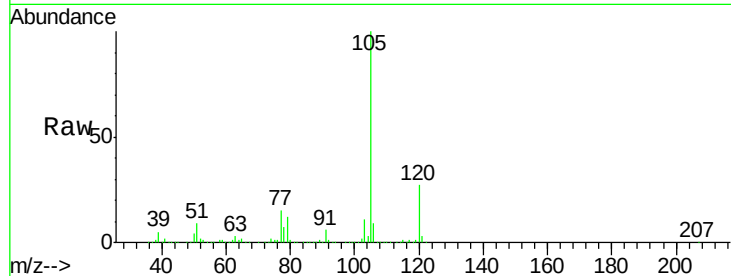
120 27.1 13.5 40.4

Manual Integrations

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6/28/2018 3:12:08 PM



#74

N-ethyl acetate

Concen: 45.54 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion: 43 Resp: 340042

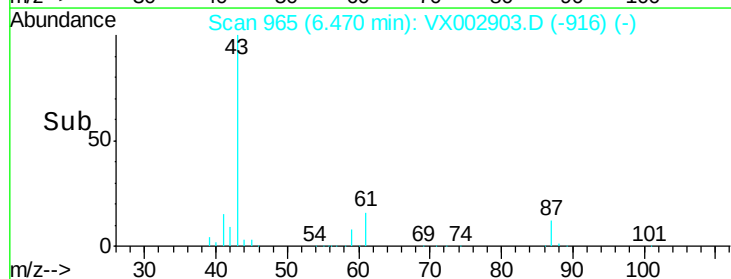
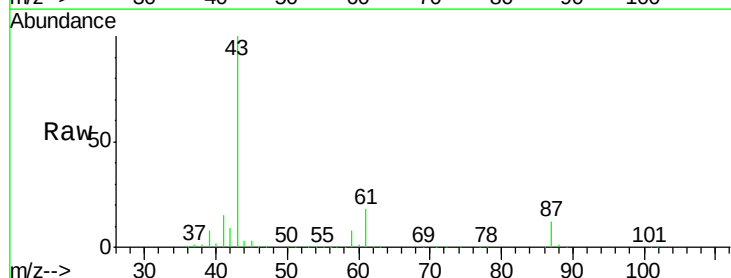
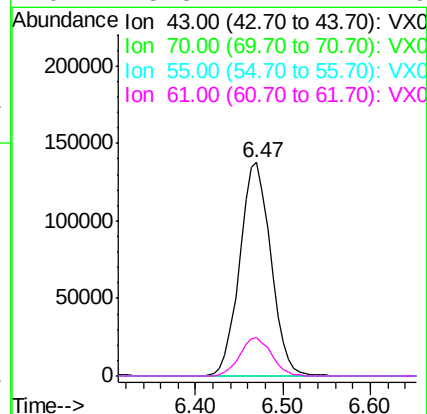
Ion Ratio Lower Upper

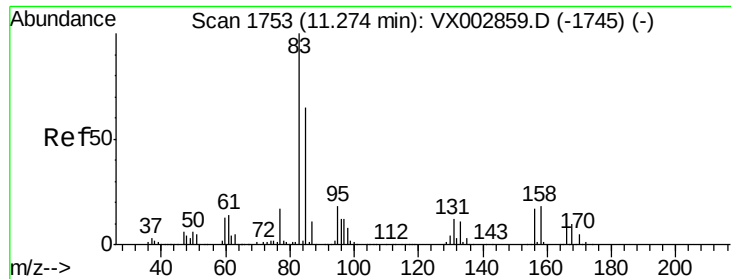
43 100

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: 47.34 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 222552

Ion Ratio Lower Upper

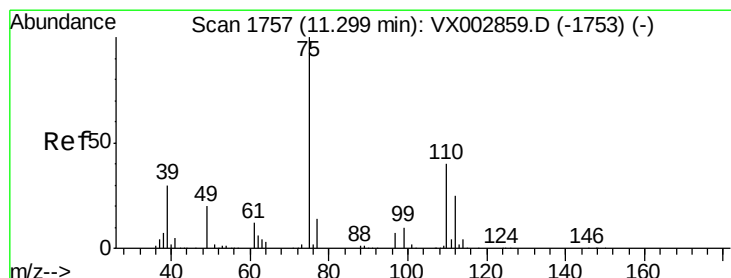
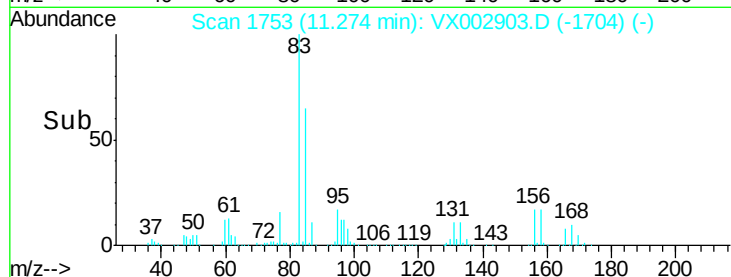
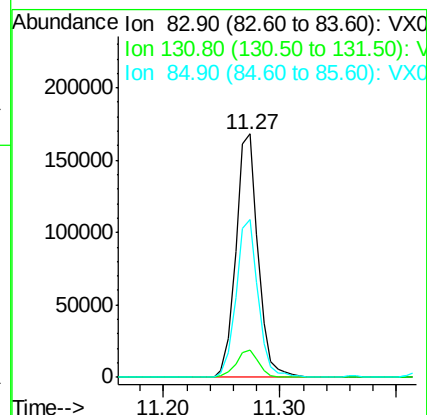
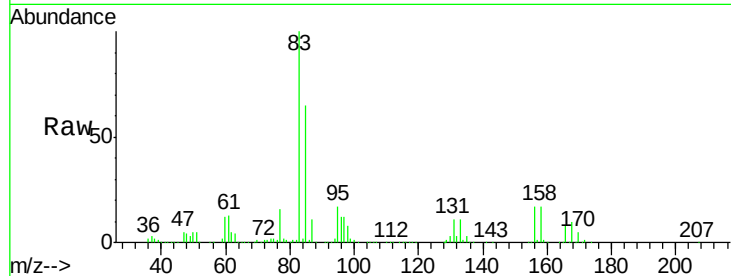
83 100

131 11.3 5.6 16.8

85 64.6 32.4 97.2

Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:08 PM



#76

1,2,3-Trichloropropane

Concen: 54.66 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002903.D

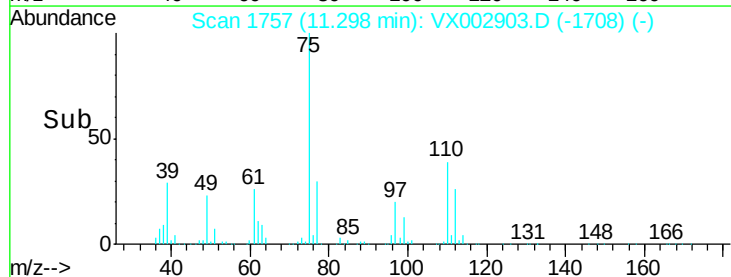
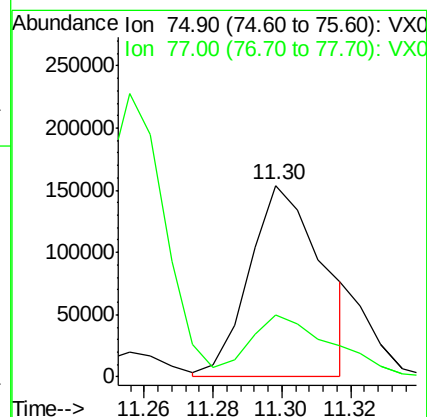
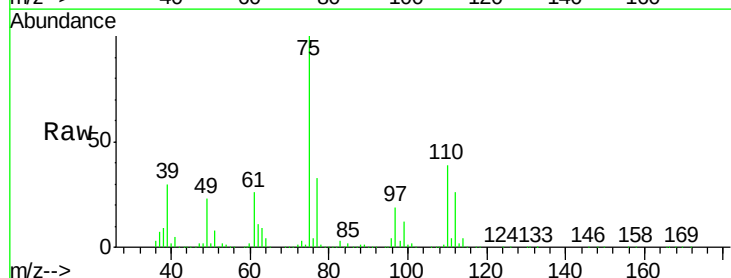
Acq: 26 Jun 2018 19:18

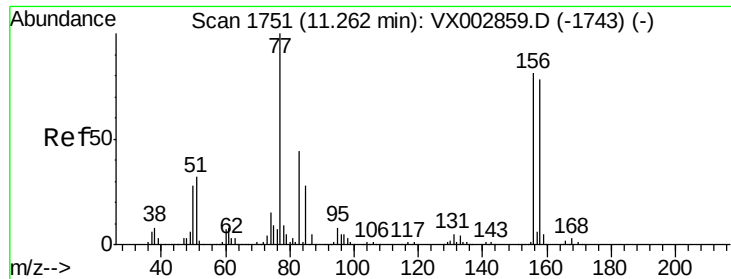
Tgt Ion: 75 Resp: 224593

Ion Ratio Lower Upper

75 100

77 36.8 22.8 68.3





#77

Bromobenzene

Concen: 47.83 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 207886

Ion Ratio Lower Upper

156 100

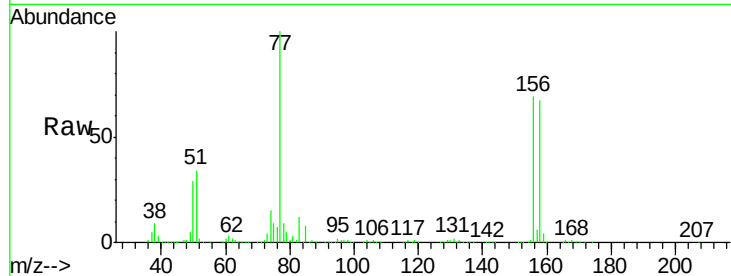
77 138.4 71.4 214.2

158 97.8 48.9 146.6

Manual Integrations
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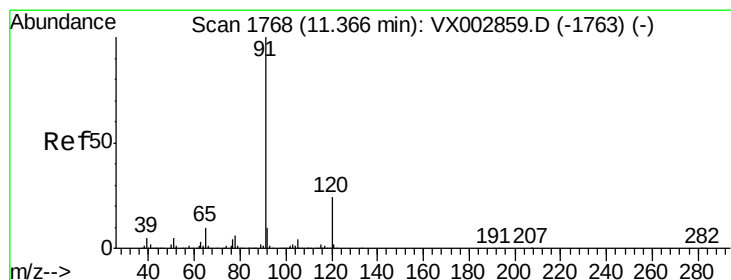
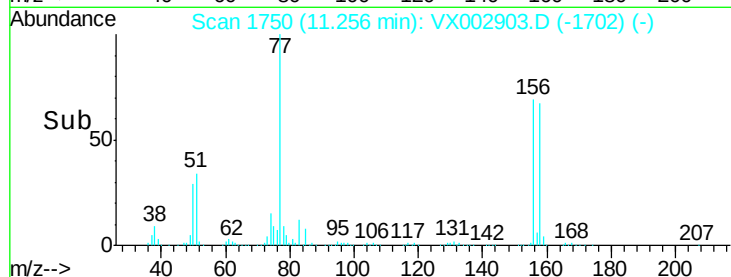
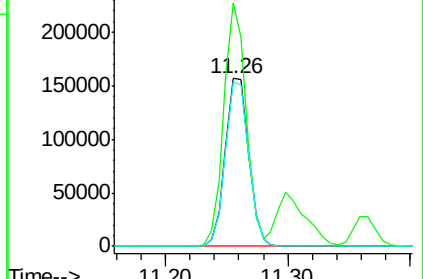
6/28/2018 3:12:08 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002903.D

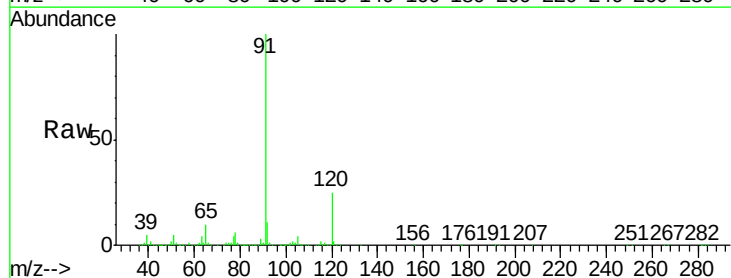
Acq: 26 Jun 2018 19:18

Tgt Ion: 91 Resp: 874662

Ion Ratio Lower Upper

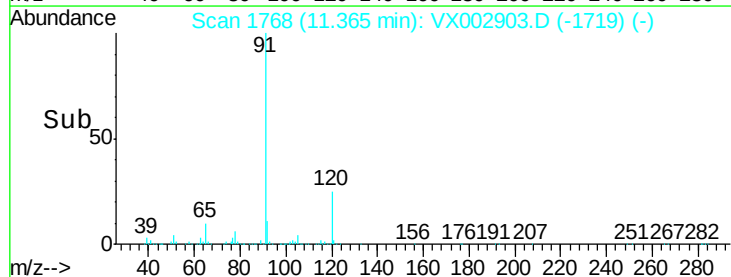
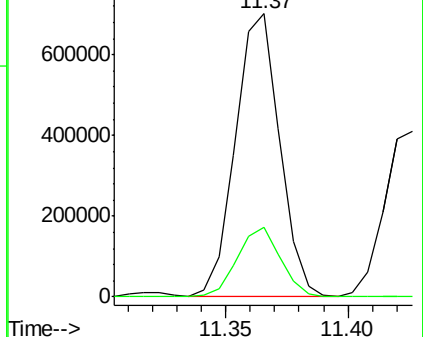
91 100

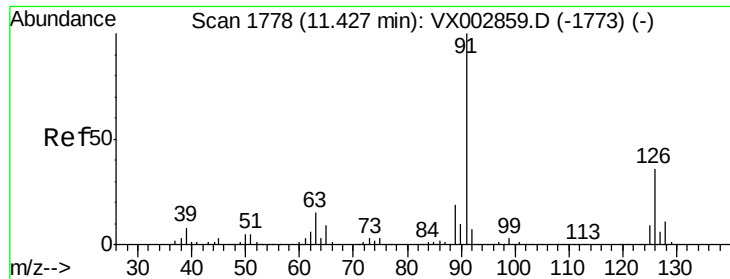
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.40 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 519502

Ion Ratio Lower Upper

91 100

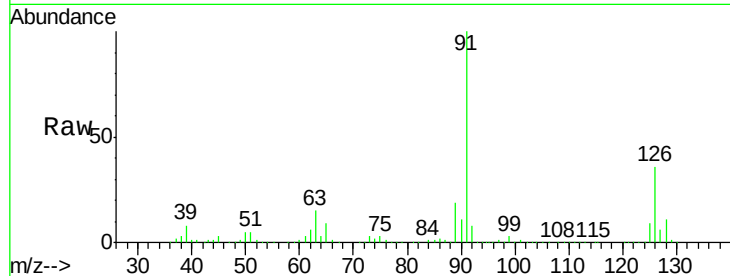
126 35.1 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

800000

600000

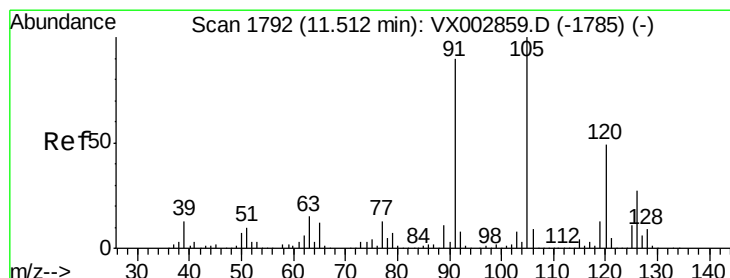
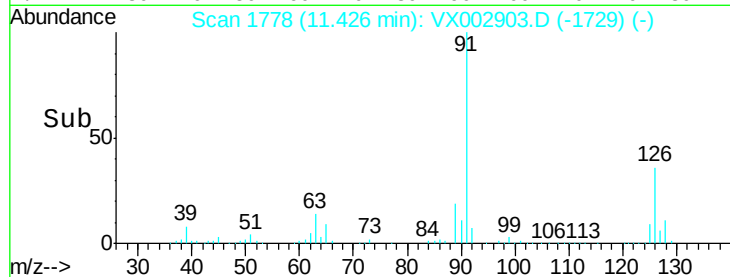
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002903.D

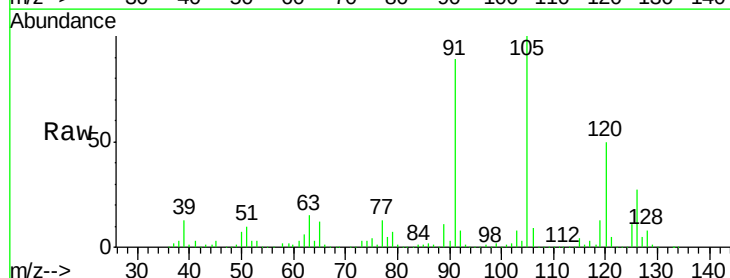
Acq: 26 Jun 2018 19:18

Tgt Ion: 105 Resp: 650965

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

600000

500000

400000

300000

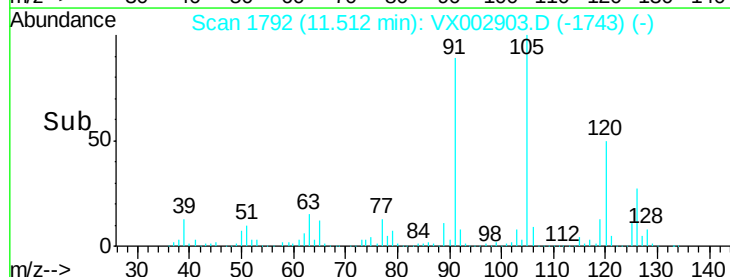
200000

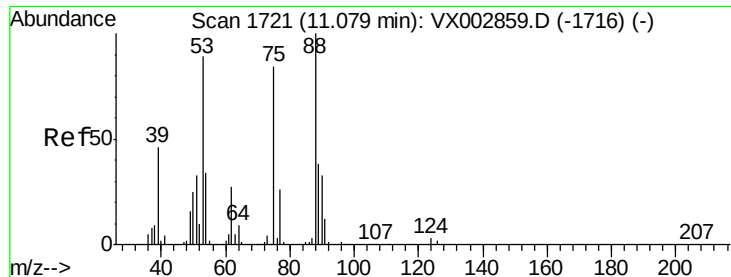
100000

0

11.50 11.60

Time-->





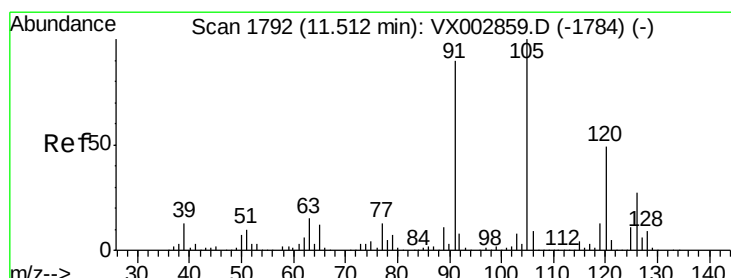
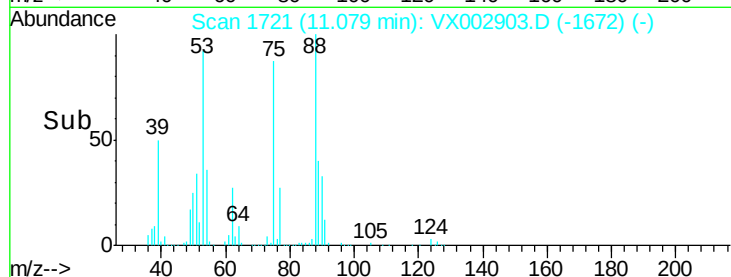
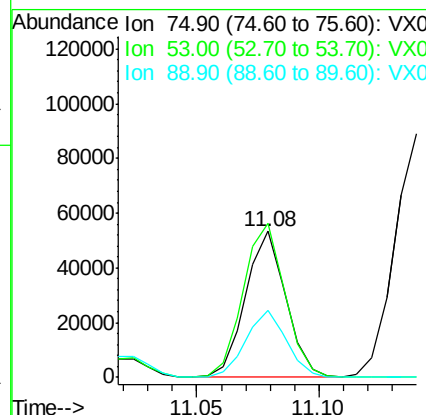
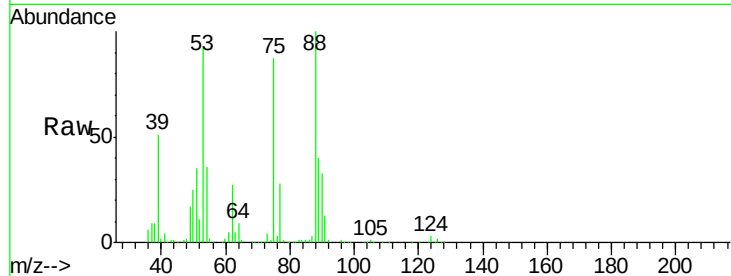
#81
trans-1,4-Dichloro-2-butene
Concen: 43.74 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.2	86.8	130.2
89	46.3	38.2	57.2

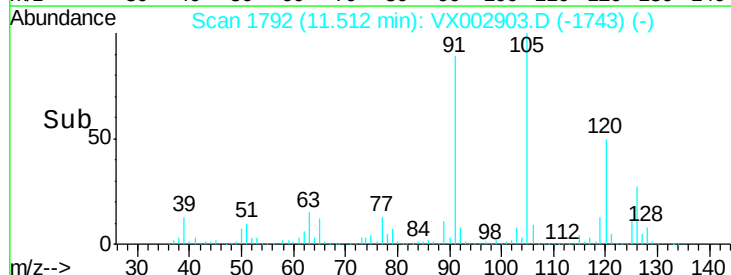
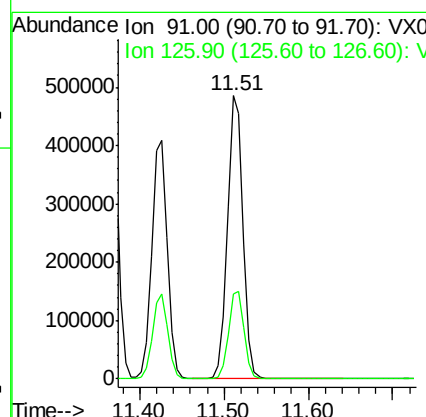
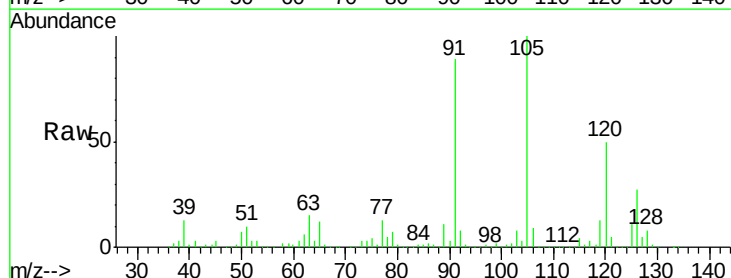
Manual Integrations
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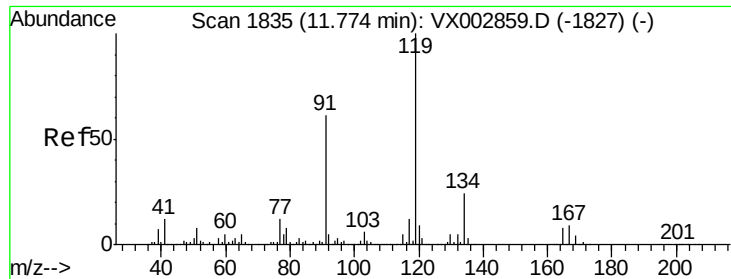
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.51 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





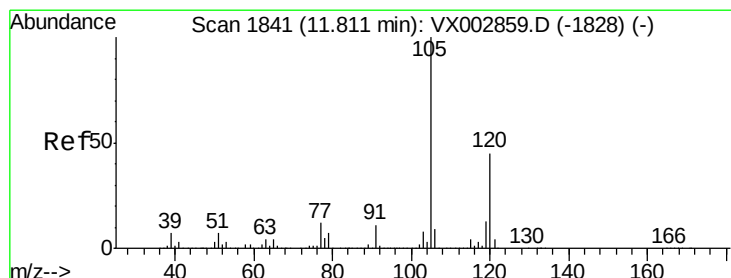
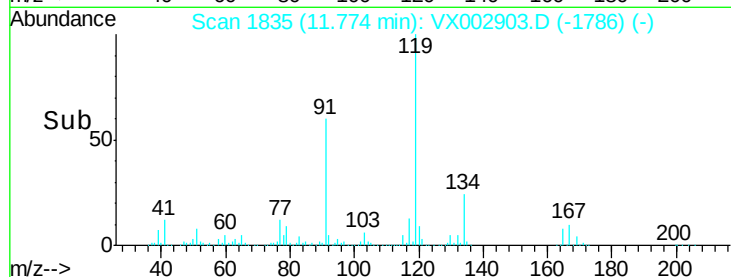
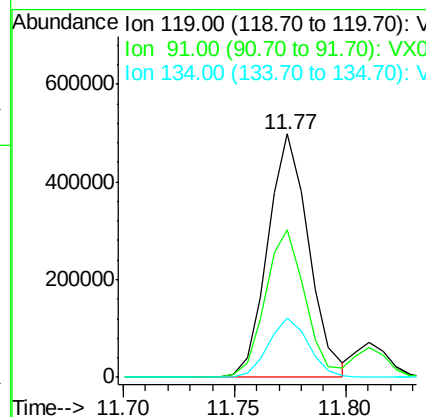
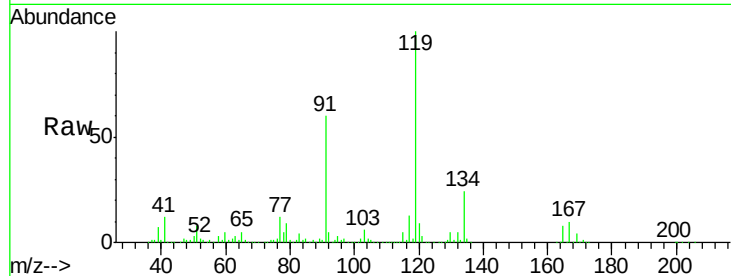
#83
 tert-Butylbenzene
 Concen: 50.20 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	635895		
91	59.0		30.3	90.9
134	23.8		11.7	35.1

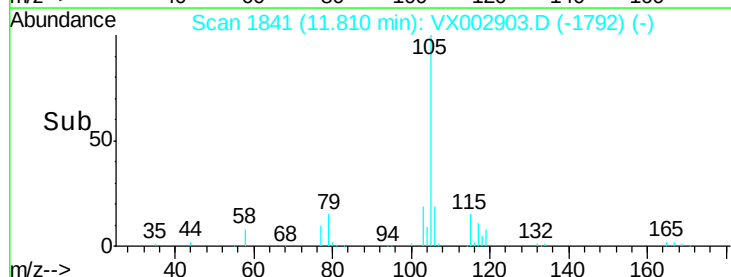
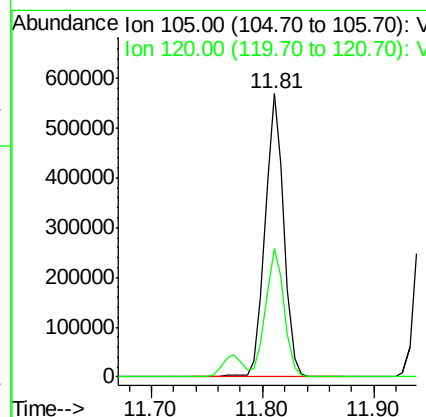
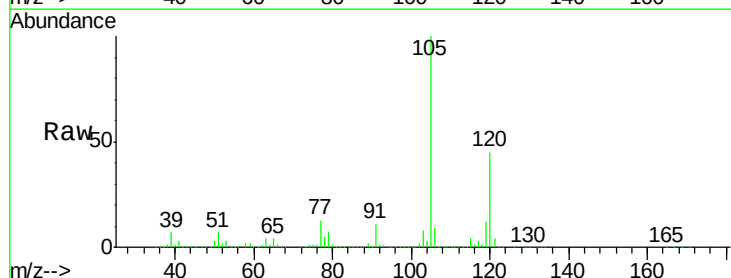
Manual Integrations
 APPROVED

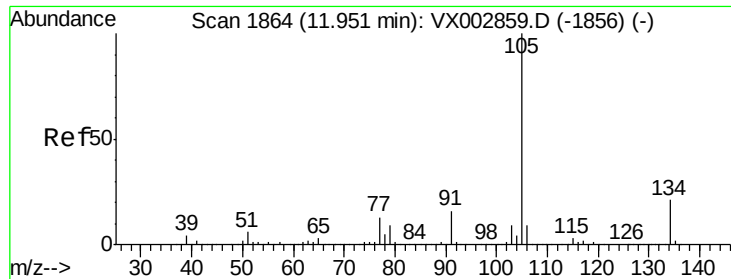
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	668485		
120	45.2		22.3	66.8





#85

sec-Butylbenzene

Concen: 50.72 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 779480

Ion Ratio Lower Upper

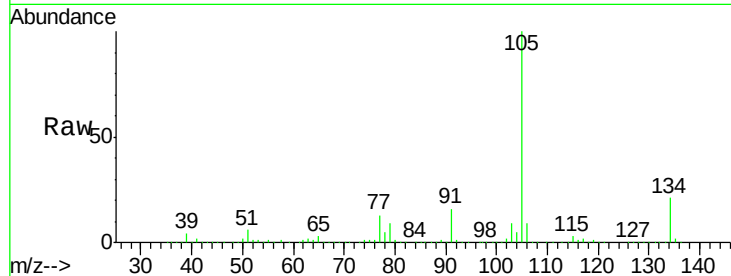
105 100

134 20.8 10.4 31.1

Manual Integrations
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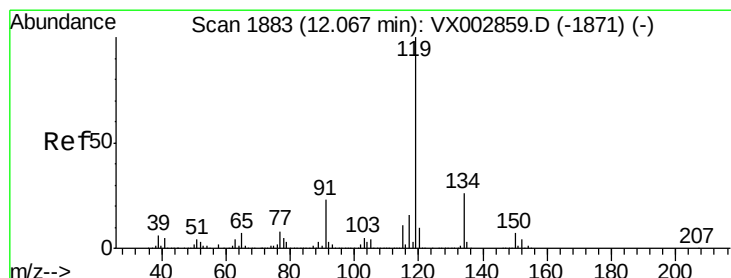
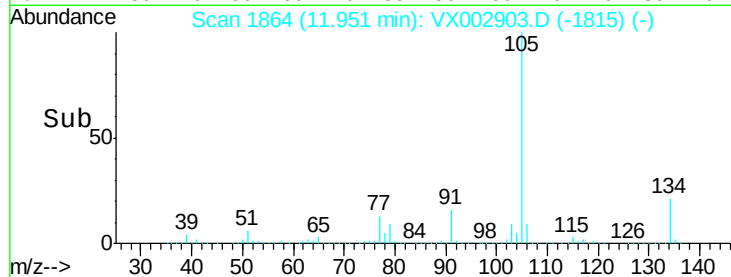
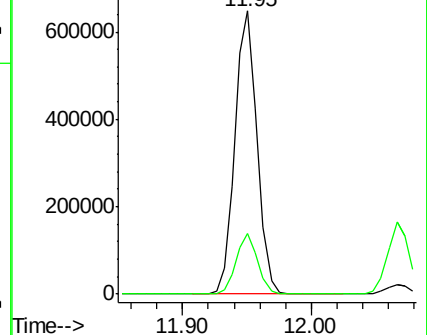
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

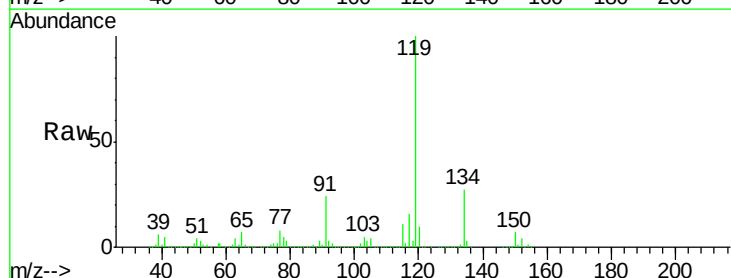
Tgt Ion:119 Resp: 712617

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

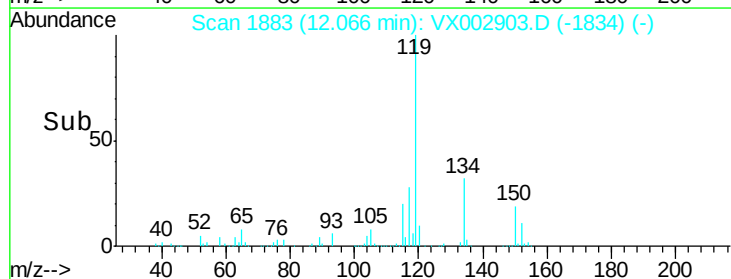
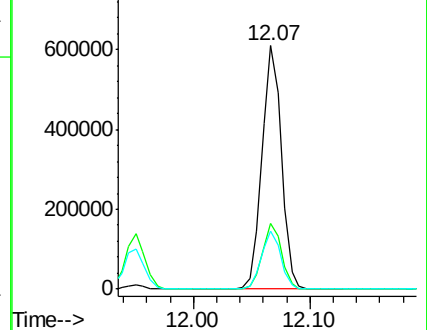
91 23.6 11.9 35.7

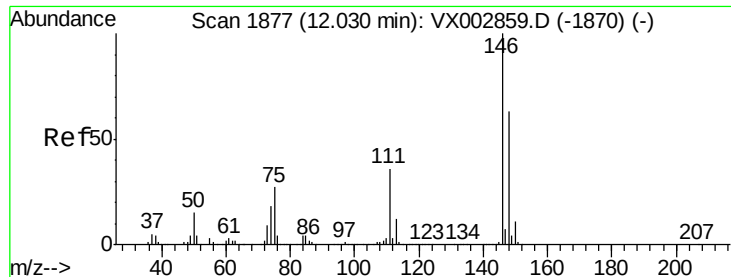


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.69 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

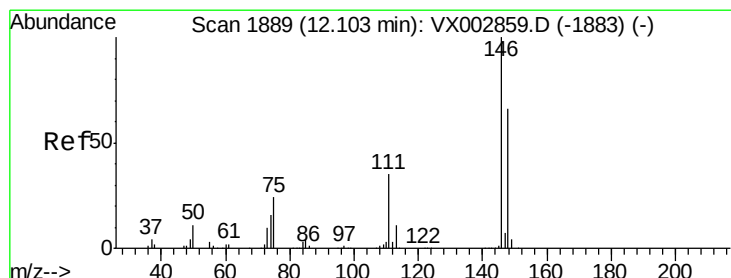
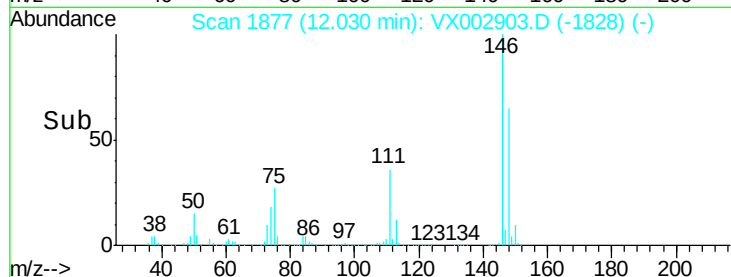
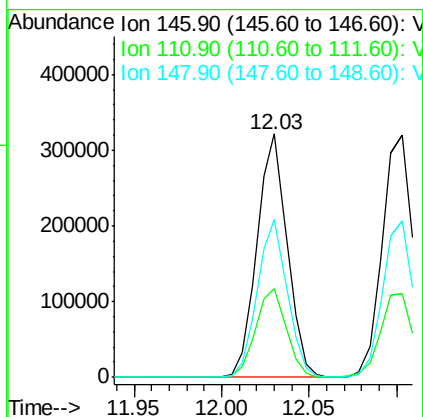
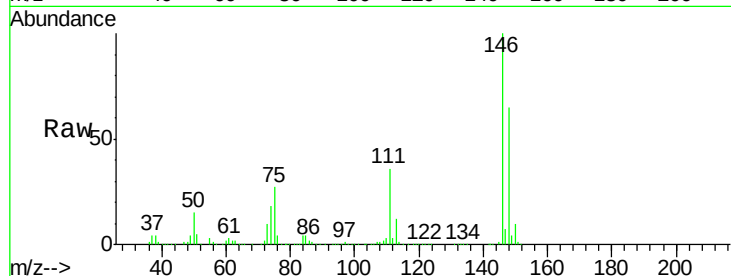
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	386499
Ion Ratio		Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.5	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.16 ug/l

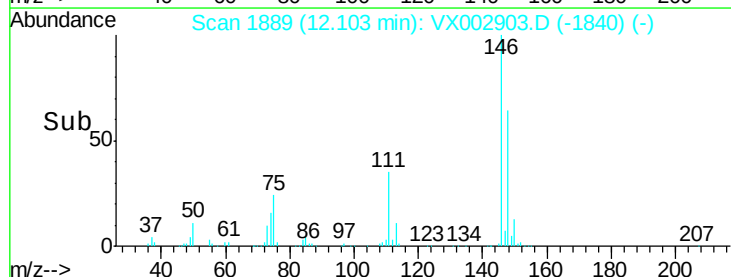
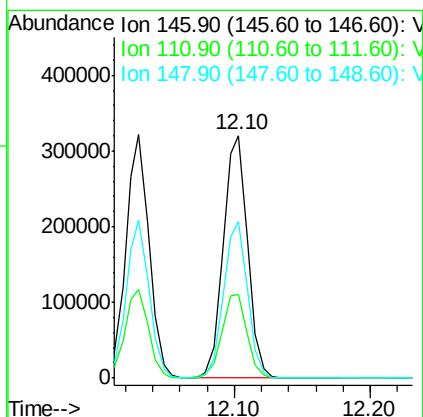
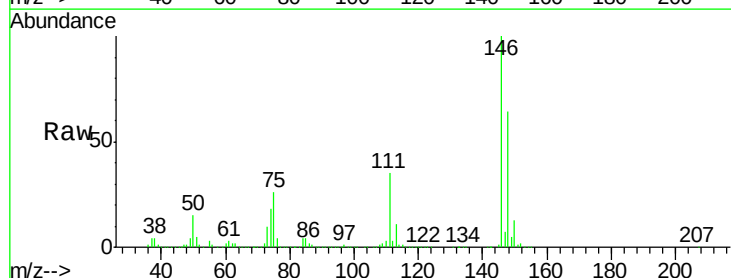
RT: 12.10 min Scan# 1889

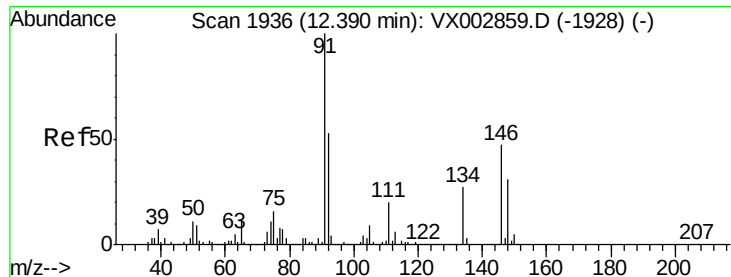
Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	146	Resp:	393376
Ion Ratio		Lower	Upper
146	100		
111	35.9	18.7	56.1
148	64.0	32.4	97.0





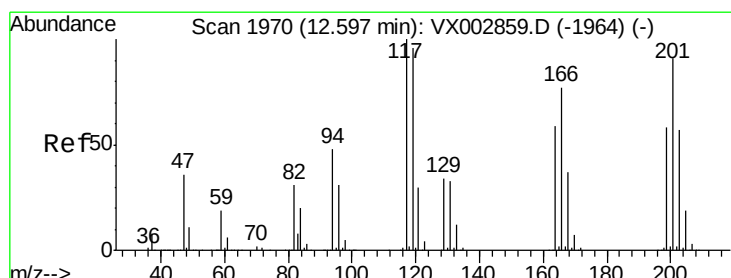
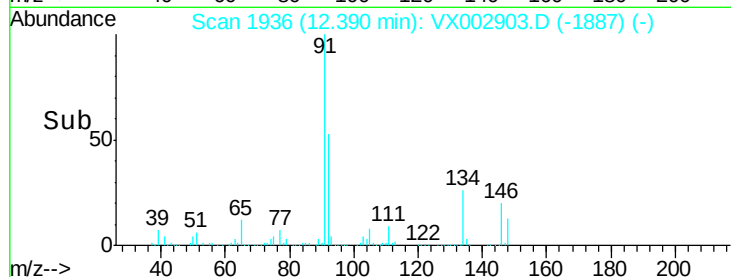
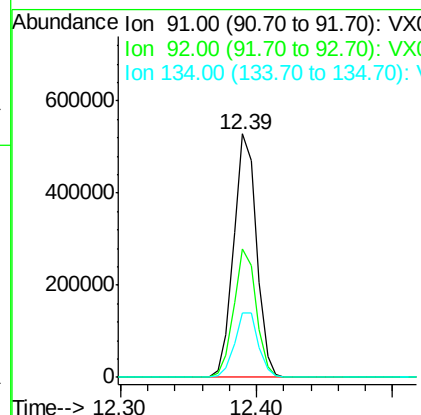
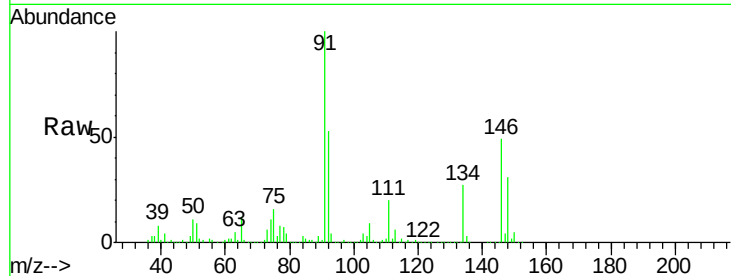
#89
n-Butylbenzene
Concen: 51.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	27.5	13.5	40.5

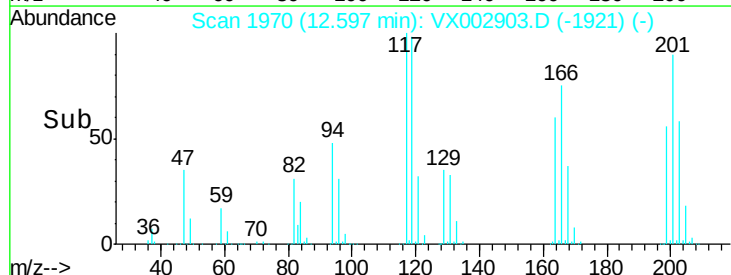
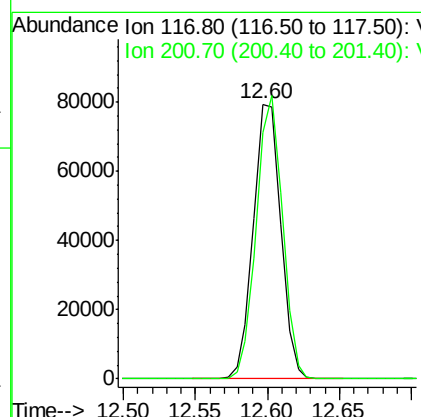
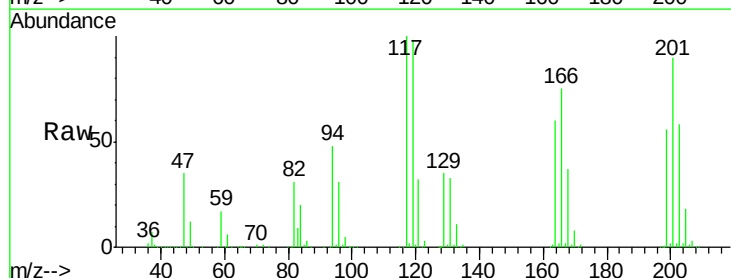
Manual Integrations
APPROVED

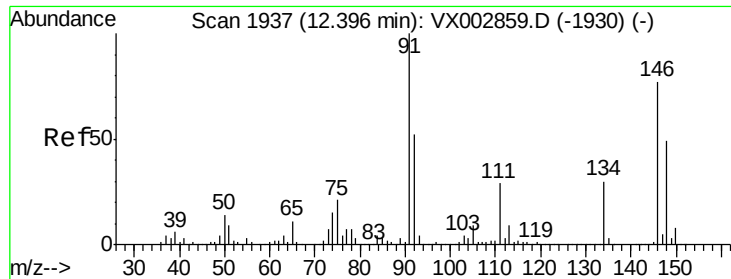
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#90
Hexachloroethane
Concen: 50.78 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 48.43 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

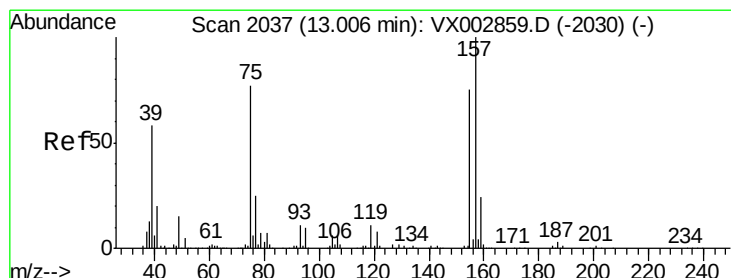
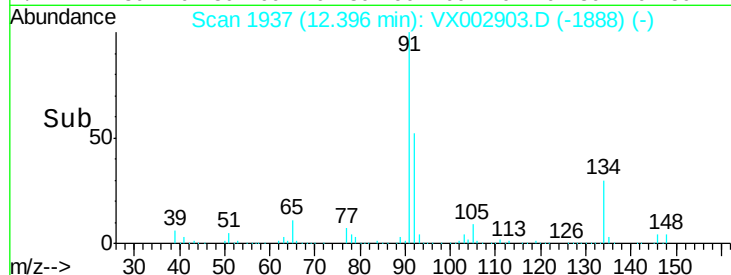
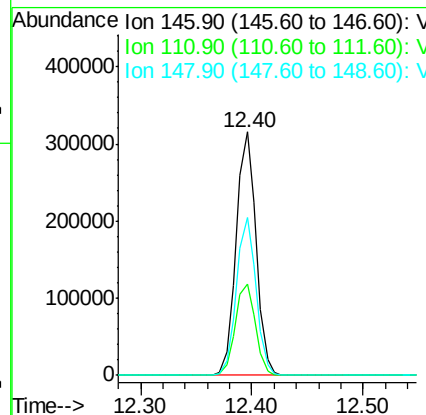
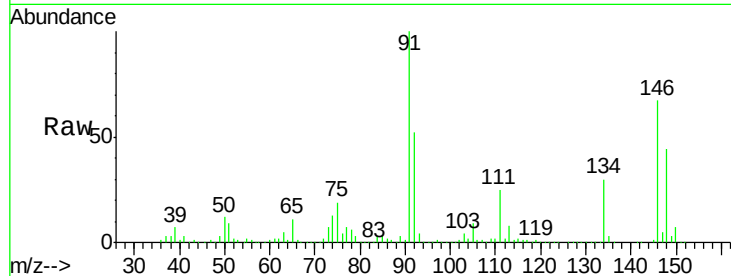
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	388009
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.1
148	64.1	31.7	95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.63 ug/l

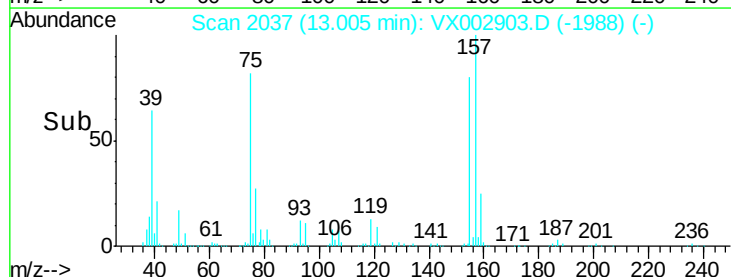
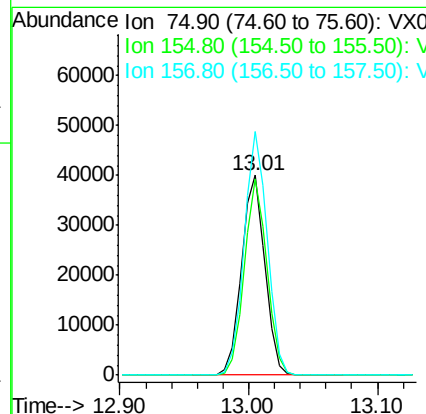
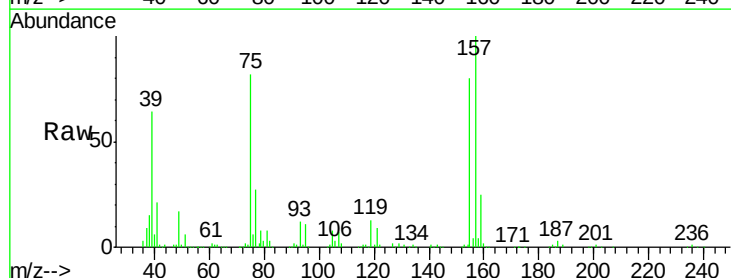
RT: 13.01 min Scan# 2037

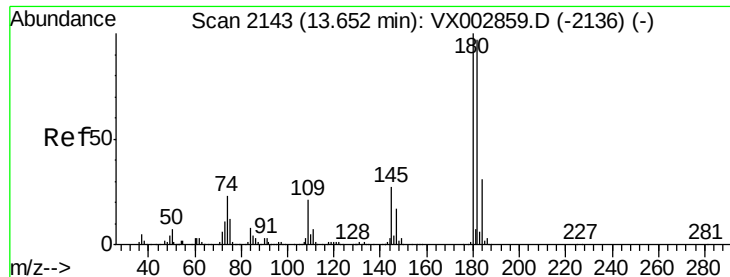
Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion:	75	Resp:	50334
Ion Ratio	Lower	Upper	
75	100		
155	94.7	45.8	137.4
157	119.8	60.1	180.3





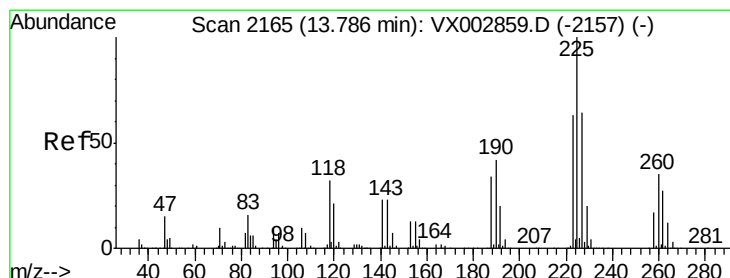
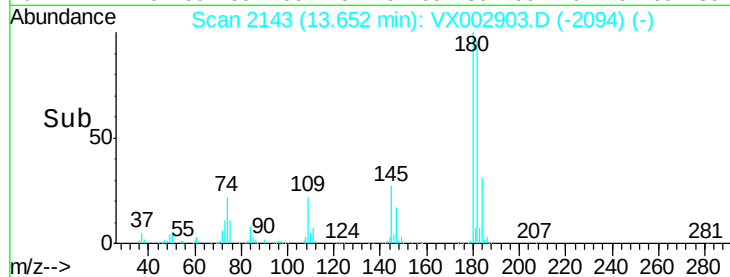
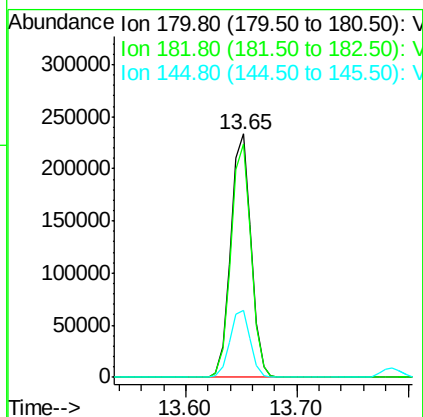
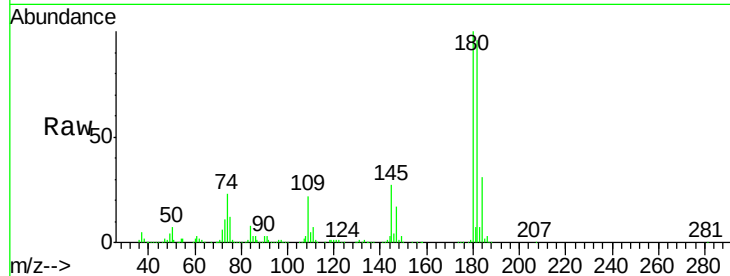
#93
 1,2,4-Trichlorobenzene
 Concen: 49.97 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	291378		
182	95.3	47.7	143.1	
145	27.9	14.1	42.4	

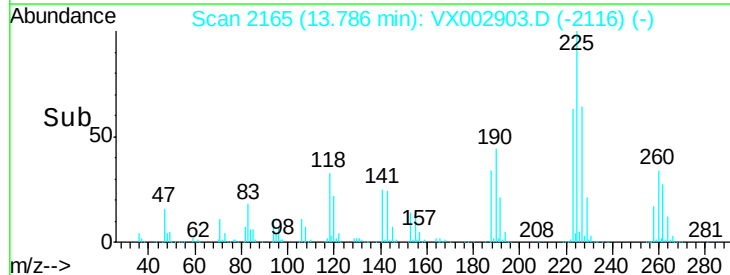
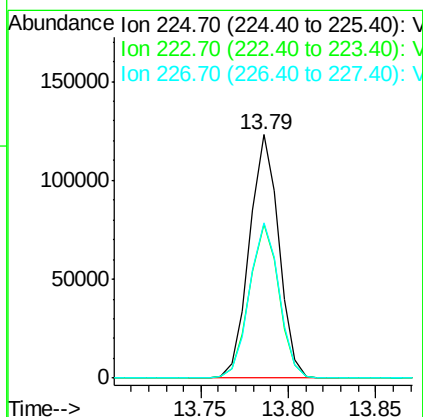
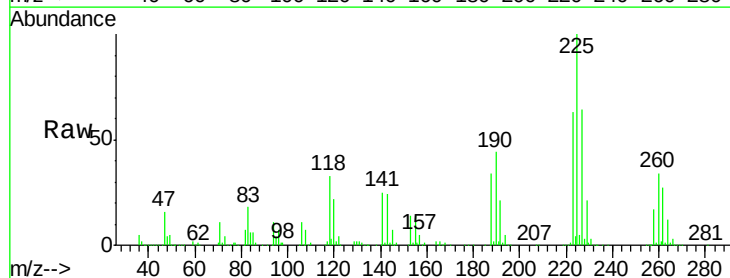
Manual Integrations
 APPROVED

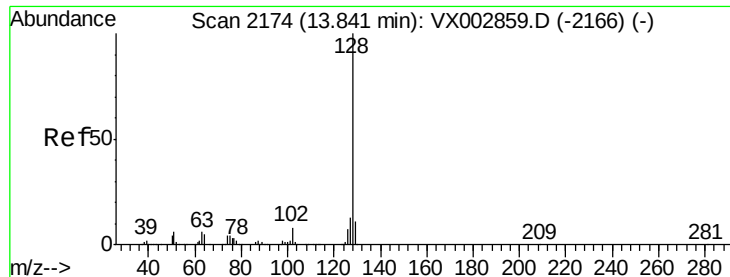
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 49.72 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144591		
223	63.6	31.6	95.0	
227	64.2	32.4	97.2	





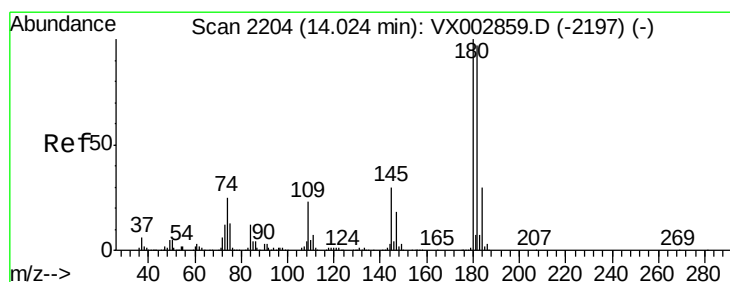
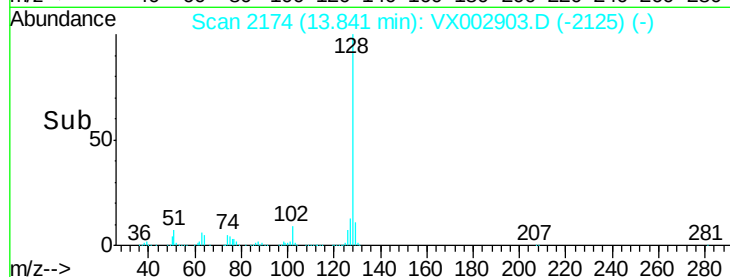
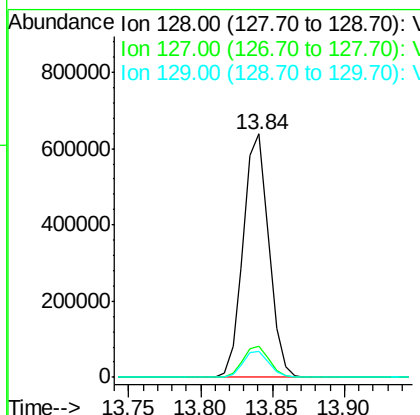
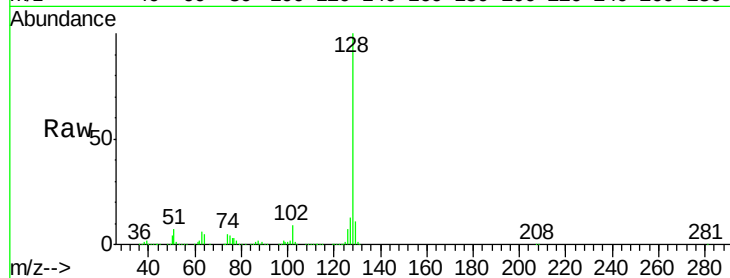
#95
Naphthalene
Concen: 50.61 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.79 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	29.8	14.8	44.3

