

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041918\
 Data File : VX000996.D
 Acq On : 19 Apr 2018 18:29
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/20/2018 2:09:31 PM

Quant Time: Apr 20 04:52:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 04:18:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152180	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.51	113	127302	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	8.72	98	465285	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
62) 4-Bromofluorobenzene	11.14	95	191113	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	166981	70.11	ug/l	100
3) Chloromethane	1.32	50	146274	59.68	ug/l	100
4) Vinyl Chloride	1.41	62	148809	62.34	ug/l	100
5) Bromomethane	1.64	94	94865	60.39	ug/l	100
6) Chloroethane	1.73	64	86697	51.67	ug/l	100
7) Trichlorofluoromethane	1.93	101	221972	61.45	ug/l	100
8) Diethyl Ether	2.19	74	80113	57.94	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127689	59.09	ug/l	100
10) Methyl Iodide	2.51	142	114390	58.68	ug/l	100
11) Tert butyl alcohol	3.07	59	111839	272.32	ug/l	100
12) 1,1-Dichloroethene	2.38	96	119162	57.81	ug/l	100
13) Acrolein	2.30	56	33504	400.91	ug/l	100
14) Allyl chloride	2.73	41	216576	56.40	ug/l	100
15) Acrylonitrile	3.15	53	305076	281.01	ug/l	100
16) Acetone	2.45	43	278736	271.40	ug/l	100
17) Carbon Disulfide	2.57	76	334443	52.15	ug/l	100
18) Methyl Acetate	2.78	43	185667	69.79	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	397017	59.13	ug/l	100
20) Methylene Chloride	2.86	84	127322	52.81	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	127757	54.83	ug/l	100
22) Diisopropyl ether	3.88	45	424670	57.83	ug/l	100
23) Vinyl Acetate	3.83	43	1738614	290.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	231041	58.36	ug/l	100
25) 2-Butanone	4.71	43	439211	277.84	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204217	58.79	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146512	58.11	ug/l	100
28) Bromochloromethane	5.03	49	91250	54.97	ug/l	100
29) Tetrahydrofuran	5.17	42	280630	278.54	ug/l	100
30) Chloroform	5.22	83	244308	59.91	ug/l	100
31) Cyclohexane	5.59	56	213197	59.51	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	221992	61.14	ug/l	100
36) 1,1-Dichloropropene	5.81	75	188790	59.09	ug/l	100
37) Ethyl Acetate	4.87	43	174663	58.68	ug/l	100
38) Carbon Tetrachloride	5.79	117	197917	59.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	223465	58.53	ug/l	100
40) Benzene	6.15	78	535114	60.04	ug/l	100
41) Methacrylonitrile	5.07	41	104682	56.15	ug/l	100
42) 1,2-Dichloroethane	6.21	62	202839	58.60	ug/l	100
43) Isopropyl Acetate	6.47	43	301070	59.80	ug/l	100
44) Trichloroethene	7.22	130	161766	57.60	ug/l	100
45) 1,2-Dichloropropane	7.52	63	137741	59.46	ug/l	100
46) Dibromomethane	7.67	93	93482	58.52	ug/l	100
47) Bromodichloromethane	7.91	83	181160	61.24	ug/l	100
48) Methyl methacrylate	7.78	41	163341	57.80	ug/l	100
49) 1,4-Dioxane	7.76	88	44849	1165.22	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	917994	300.80	ug/l	100
52) Toluene	8.79	92	351938	60.16	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	221083	62.27	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	211559	62.48	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	138997	61.09	ug/l	100
56) Ethyl methacrylate	9.19	69	209615	60.79	ug/l	100
57) 1,3-Dichloropropane	9.38	76	228702	60.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	512021	325.79	ug/l	100
59) 2-Hexanone	9.51	43	699970	299.08	ug/l	100
60) Dibromochloromethane	9.59	129	156356	62.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149204	60.68	ug/l	100
64) Tetrachloroethene	9.34	164	163536	57.43	ug/l	100
65) Chlorobenzene	10.15	112	413983	58.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	150872	61.55	ug/l	100
67) Ethyl Benzene	10.26	91	692516	59.95	ug/l	100
68) m/p-Xylenes	10.37	106	549951	120.10	ug/l	100
69) o-Xylene	10.71	106	265285	59.52	ug/l	100
70) Styrene	10.72	104	444639	60.29	ug/l	100
71) Bromoform	10.87	173	127661	60.60	ug/l	100
73) Isopropylbenzene	11.02	105	713916	58.42	ug/l	100
74) N-amyl acetate	6.47	43	301070	59.01	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	205243	59.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189911m	50.02	ug/l	
77) Bromobenzene	11.26	156	206508	57.76	ug/l	100
78) n-propylbenzene	11.37	91	814682	57.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	480565	57.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	609256	58.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57476	59.53	ug/l	100
82) 4-Chlorotoluene	11.52	91	577693	57.39	ug/l	100
83) tert-Butylbenzene	11.77	119	621817	58.29	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	627209	59.30	ug/l	100
85) sec-Butylbenzene	11.95	105	728507	56.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	675875	57.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382513	57.02	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387547	56.77	ug/l	100
89) n-Butylbenzene	12.40	91	597796	56.10	ug/l	100
90) Hexachloroethane	12.60	117	101772	59.61	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	373853	57.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43878	60.91	ug/l	100

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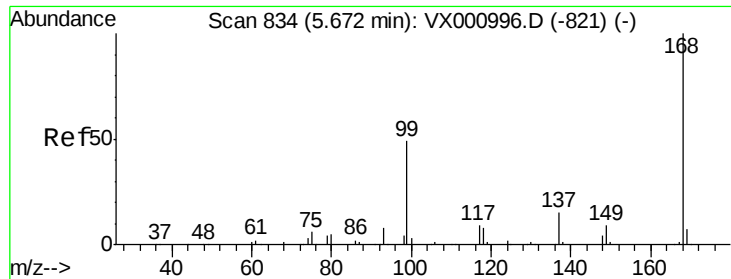
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	309487	54.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	136790	53.70	ug/l	100
95) Naphthalene	13.84	128	791307	58.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	300312	56.21	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 249766

Ion Ratio Lower Upper

168 100

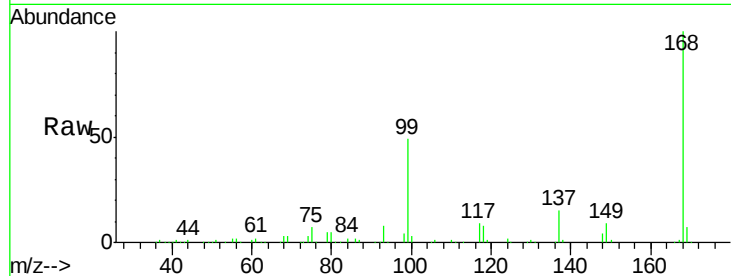
99 49.0 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

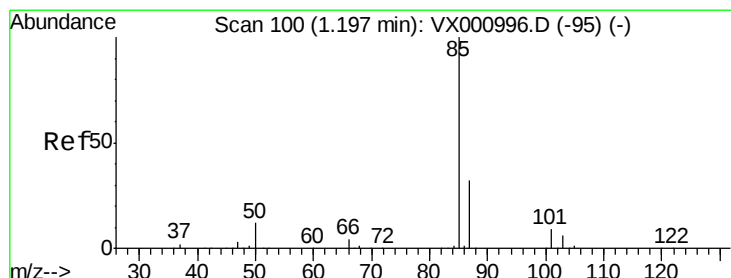
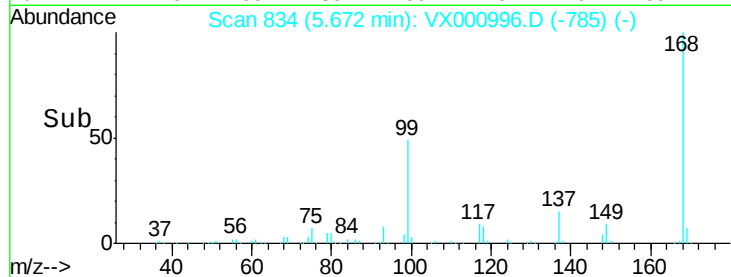
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 70.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000996.D

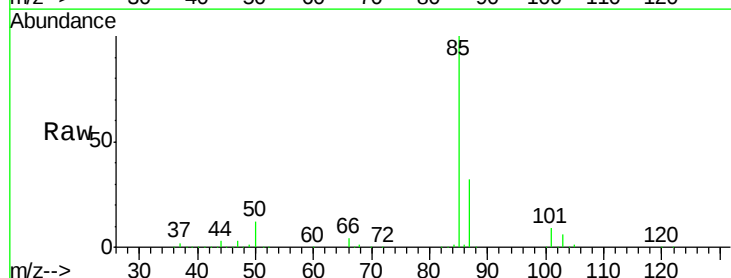
Acq: 19 Apr 2018 18:29

Tgt Ion: 85 Resp: 166981

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

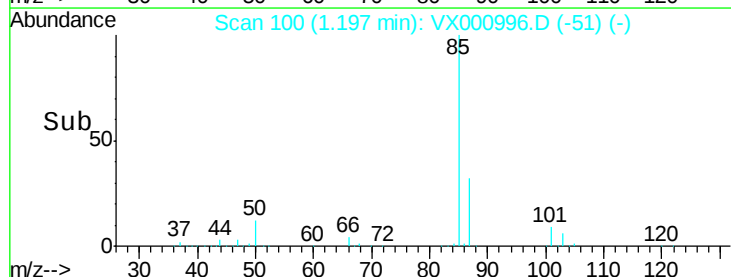
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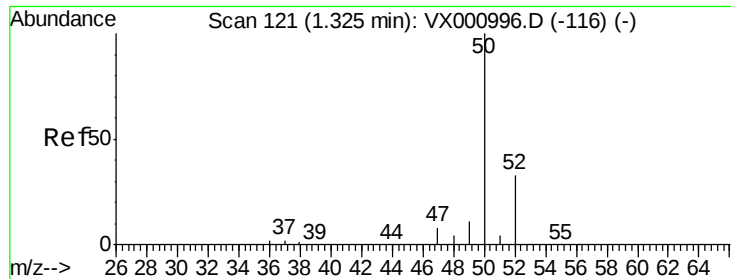
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 59.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 146274

Ion Ratio Lower Upper

50 100

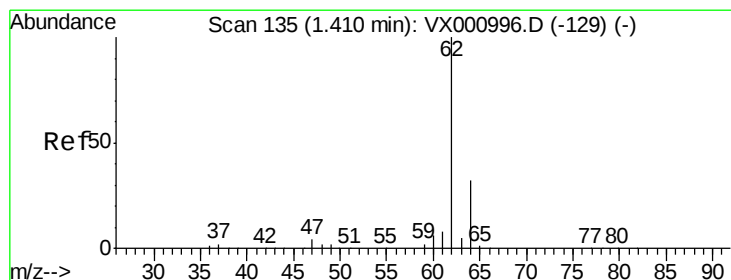
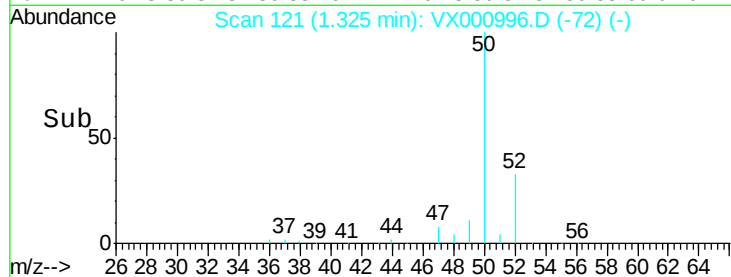
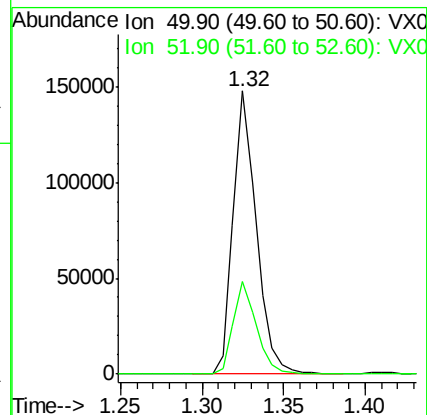
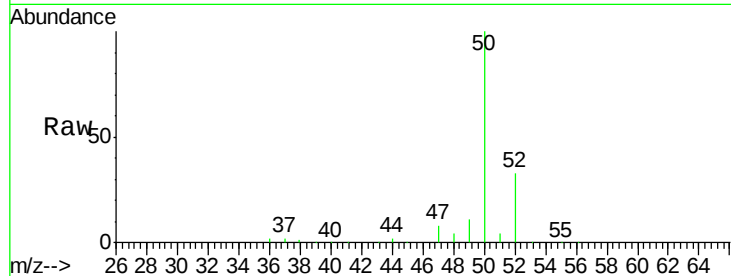
52 32.9 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 62.34 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000996.D

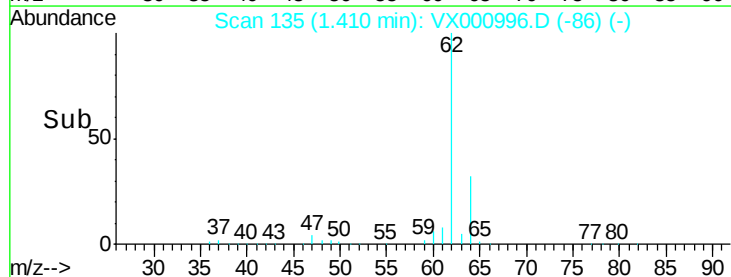
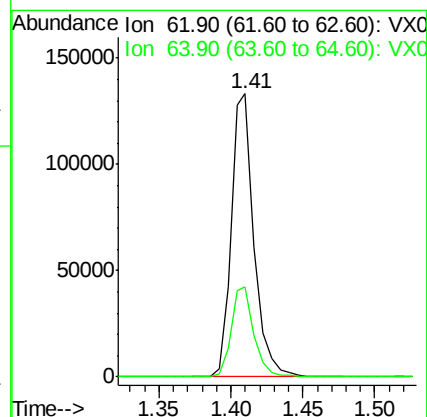
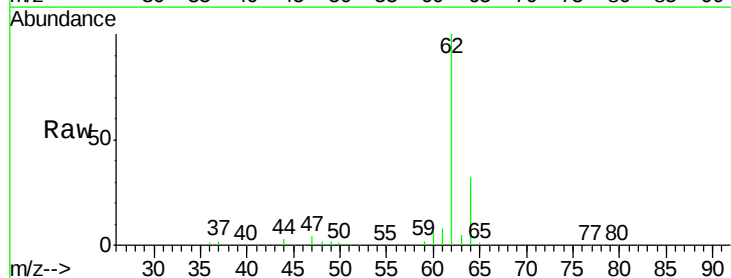
Acq: 19 Apr 2018 18:29

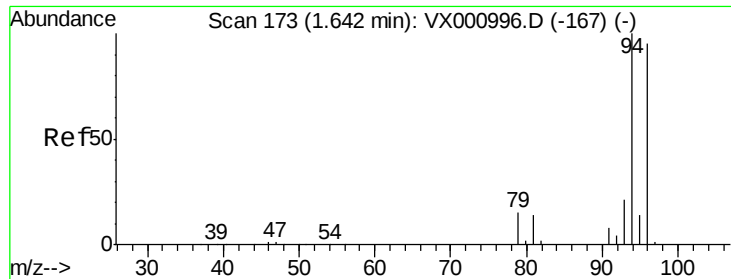
Tgt Ion: 62 Resp: 148809

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 60.39 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 94865

Ion Ratio Lower Upper

94 100

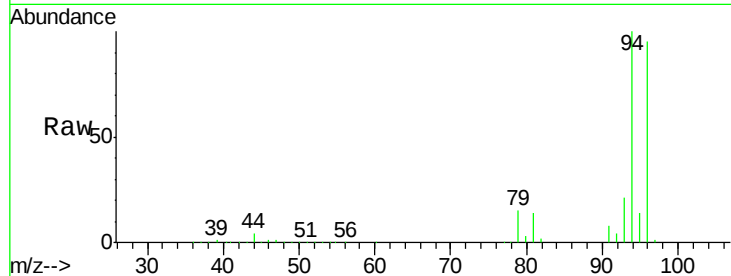
96 95.0 76.0 114.0

Manual Integrations

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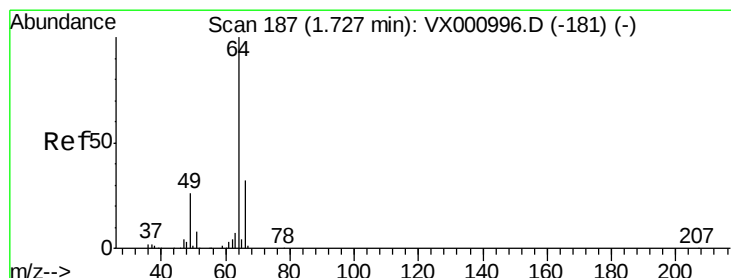
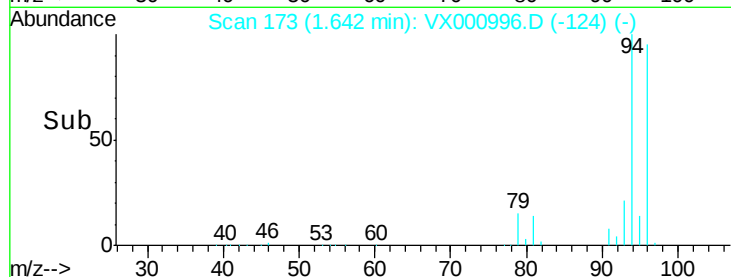
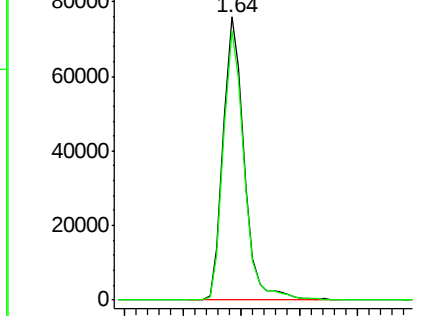
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.67 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000996.D

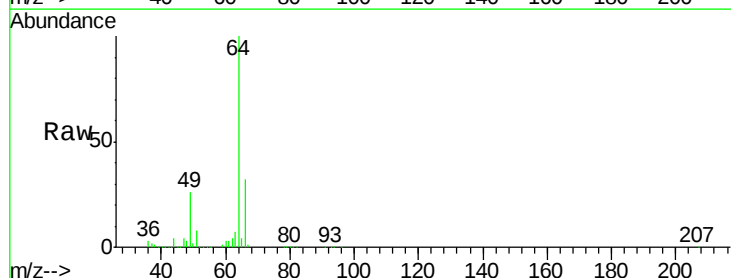
Acq: 19 Apr 2018 18:29

Tgt Ion: 64 Resp: 86697

Ion Ratio Lower Upper

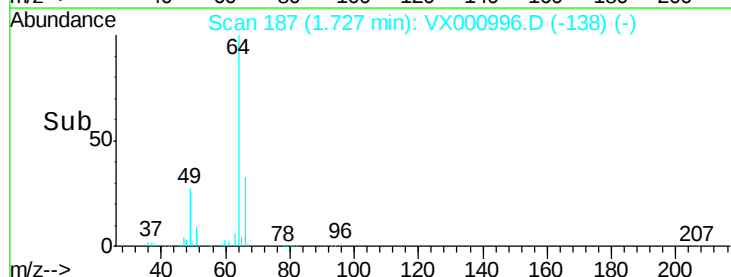
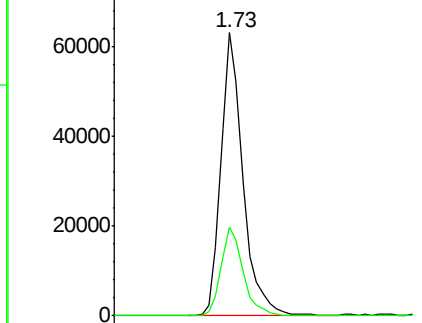
64 100

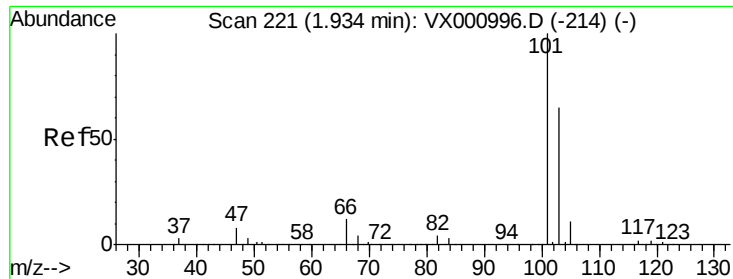
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

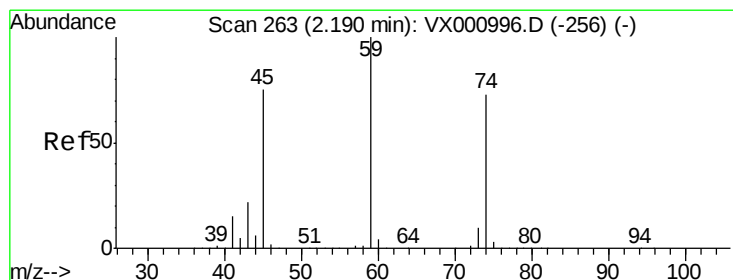
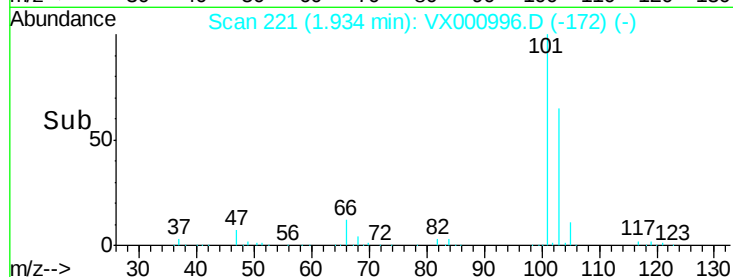
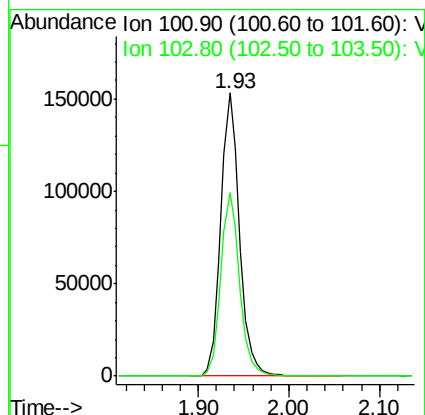
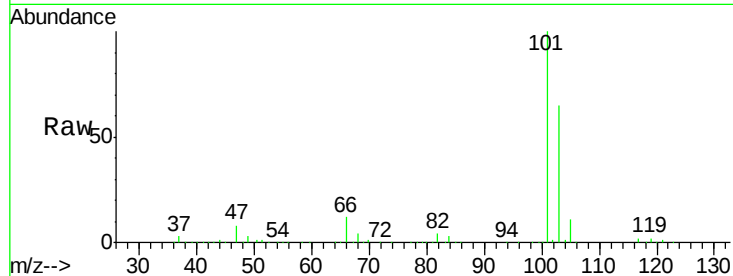
Trichlorofluoromethane
Concen: 61.45 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

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ClientSampleId :
VSTDICCC050

Tot Ion:101 Resp: 221972
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

Manual Integrations
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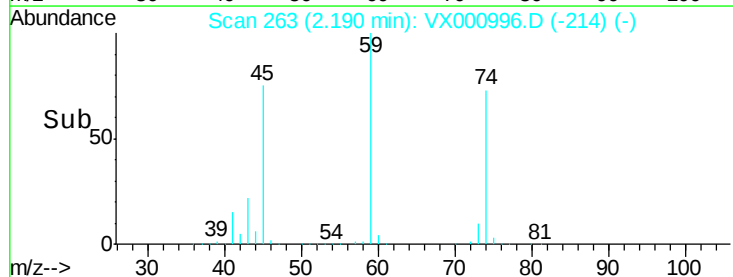
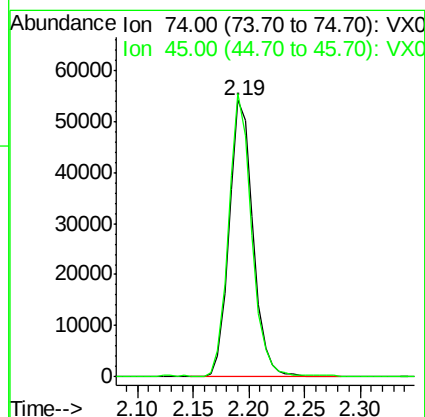
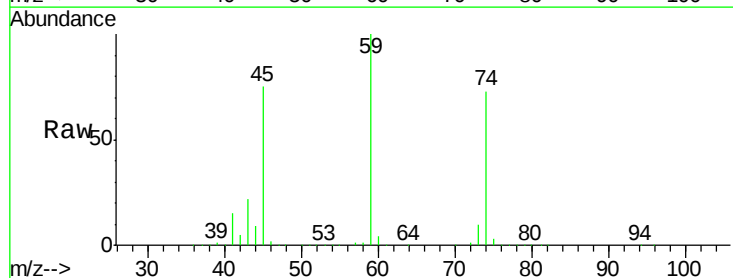
MMDadoda
4/20/2018 2:09:31 PM

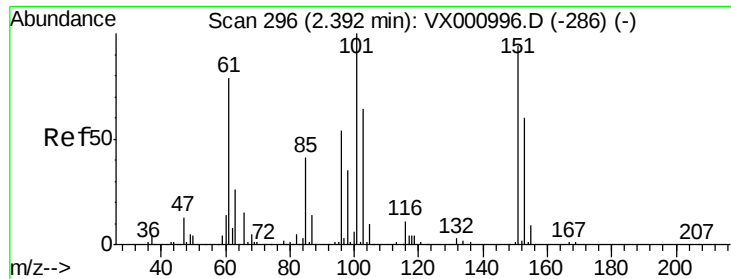


#8

Diethyl Ether
Concen: 57.94 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion: 74 Resp: 80113
Ion Ratio Lower Upper
74 100
45 98.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.09 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

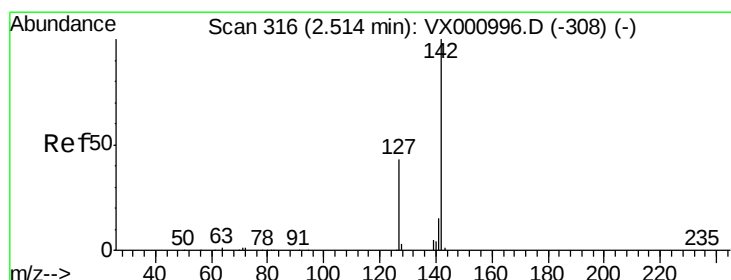
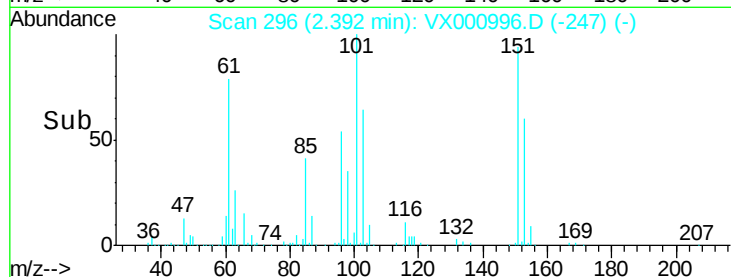
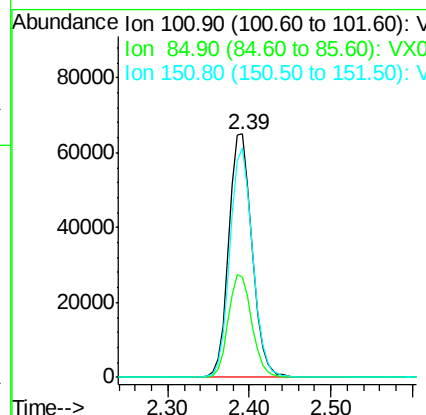
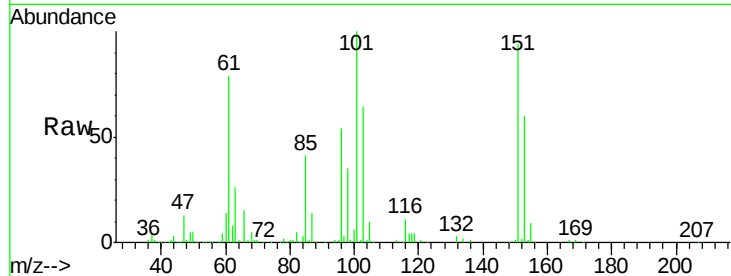
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	127689		
85	42.4	33.9	50.9	
151	91.9	73.5	110.3	

Manual Integrations
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#10

Methyl Iodide

Concen: 58.68 ug/l

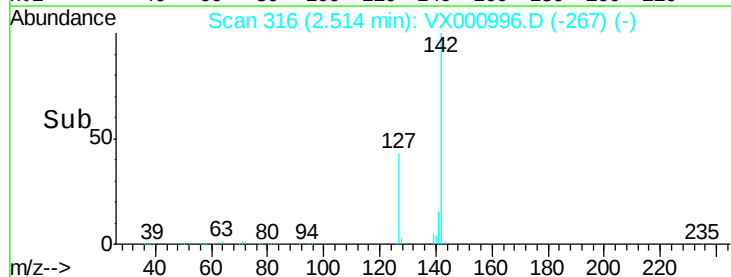
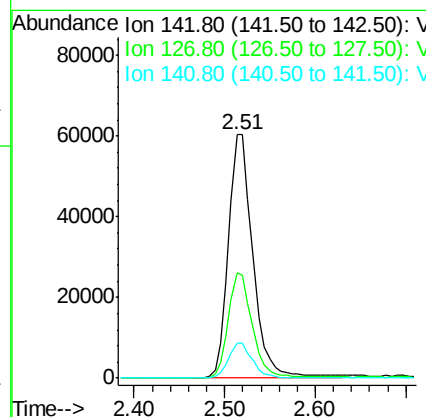
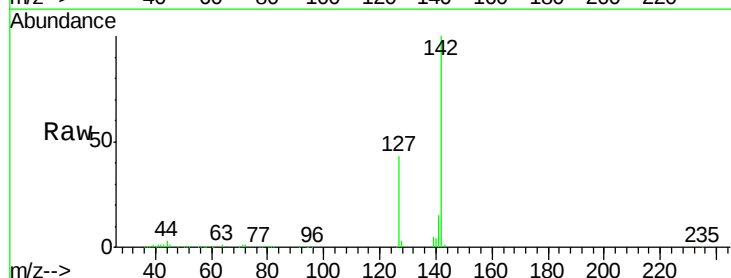
RT: 2.51 min Scan# 316

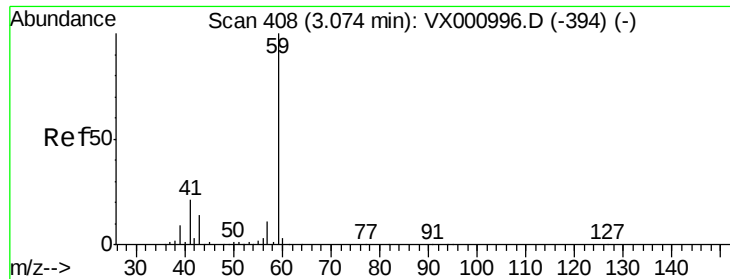
Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	114390		
127	42.5	34.0	51.0	
141	14.3	11.4	17.2	





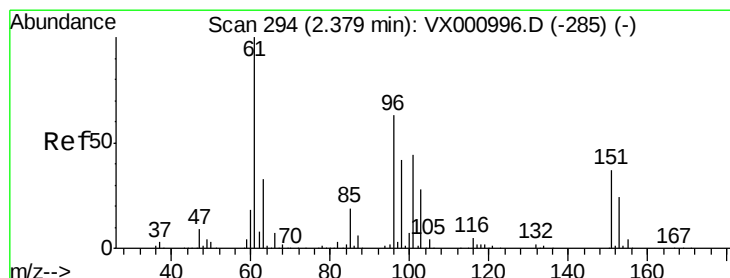
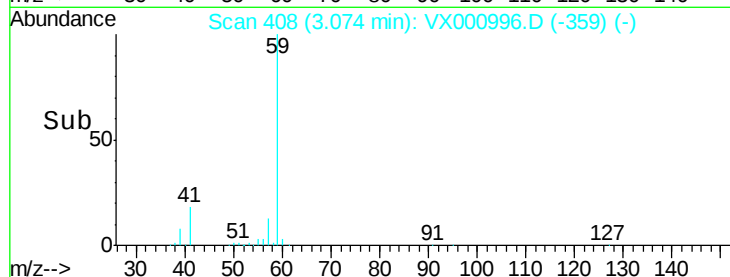
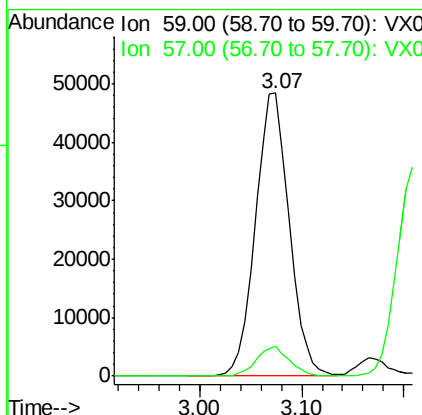
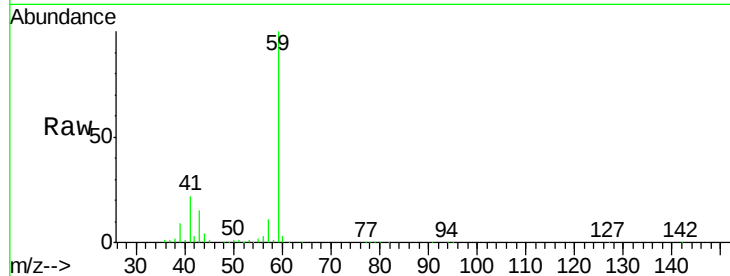
#11
Tert butyl alcohol
Concen: 272.32 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	59	Resp	111839
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

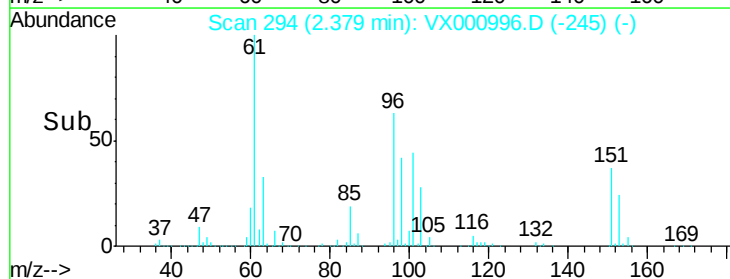
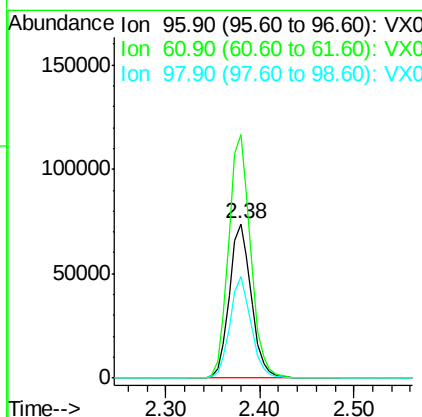
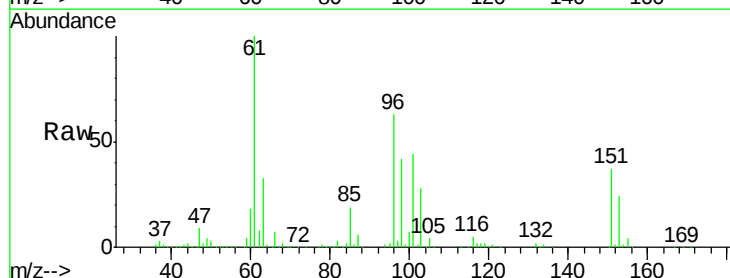
Manual Integrations
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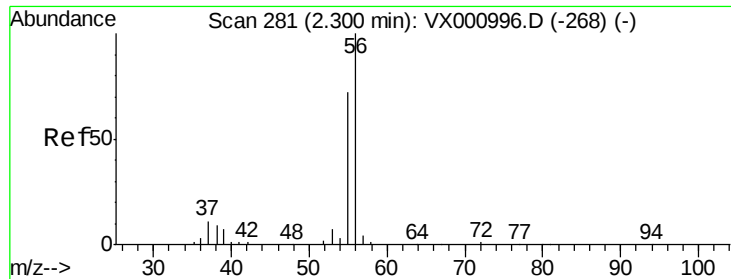
MMDadoda
4/20/2018 2:09:31 PM



#12
1,1-Dichloroethene
Concen: 57.81 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	96	Resp	119162
Ion Ratio	100	Lower	Upper
61	158.0	126.4	189.6
98	65.7	52.6	78.8





#13

Acrolein

Concen: 400.91 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 56 Resp: 33504

Ion Ratio Lower Upper

56 100

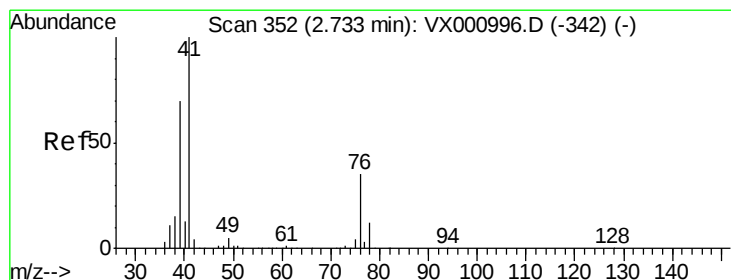
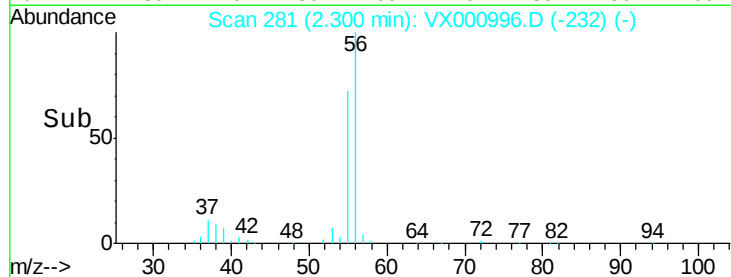
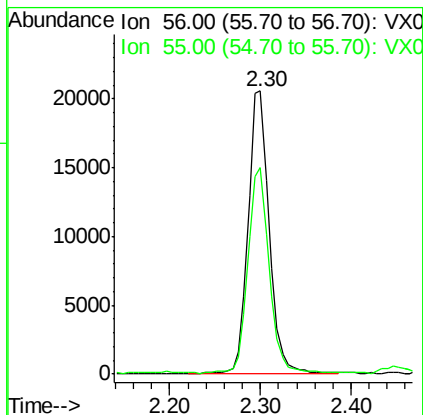
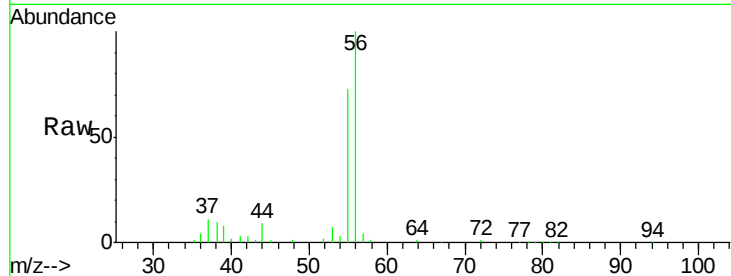
55 71.8 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 56.40 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

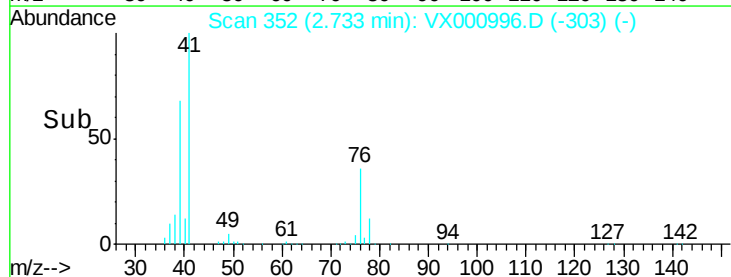
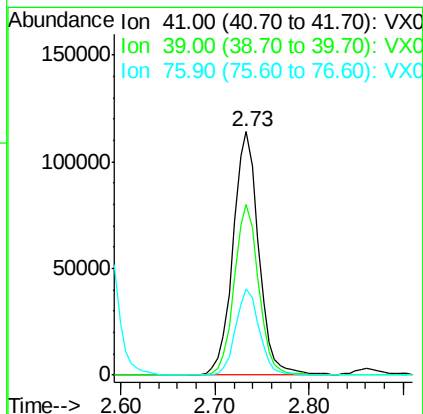
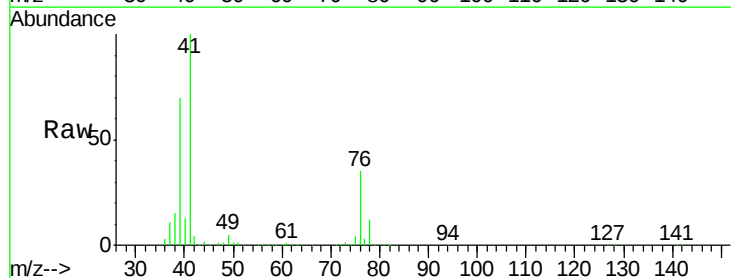
Tgt Ion: 41 Resp: 216576

Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 281.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

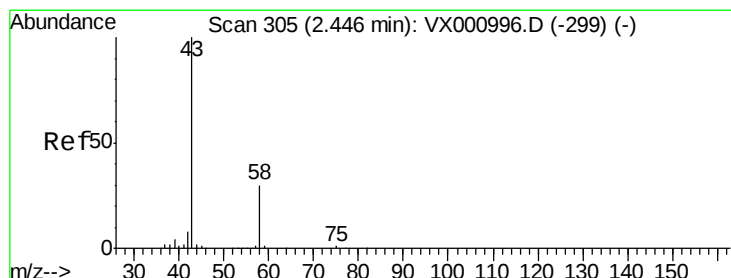
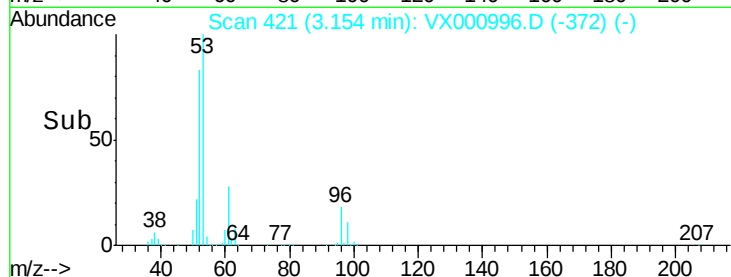
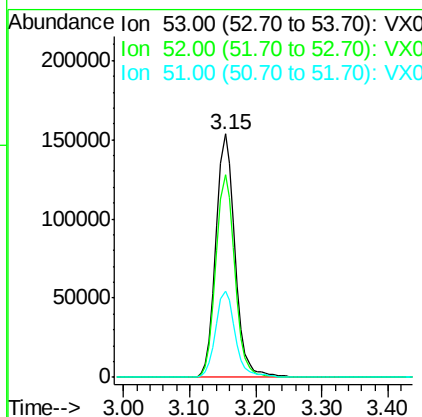
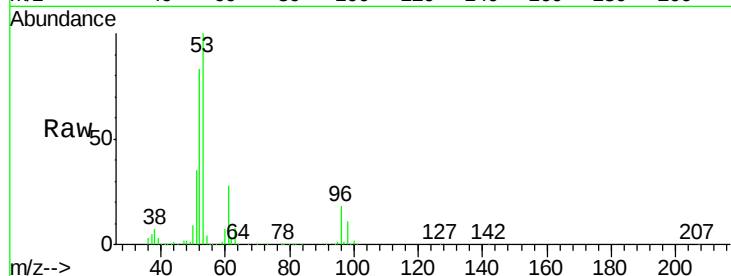
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	305076
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.4	99.6
51	36.3	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 271.40 ug/l

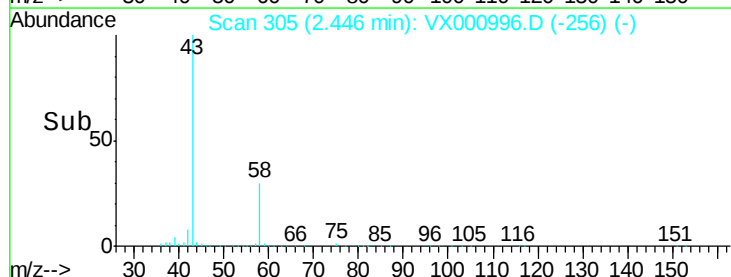
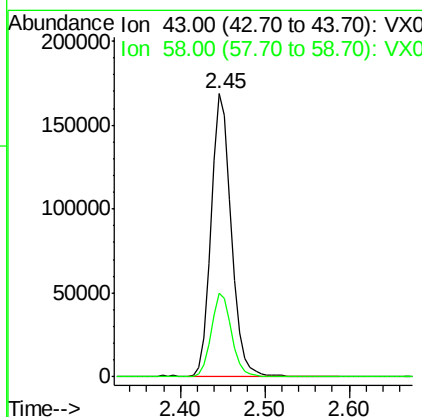
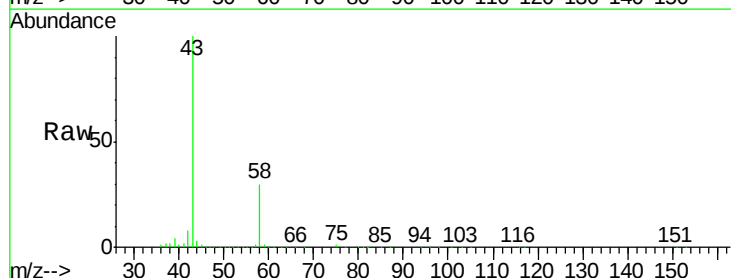
RT: 2.45 min Scan# 305

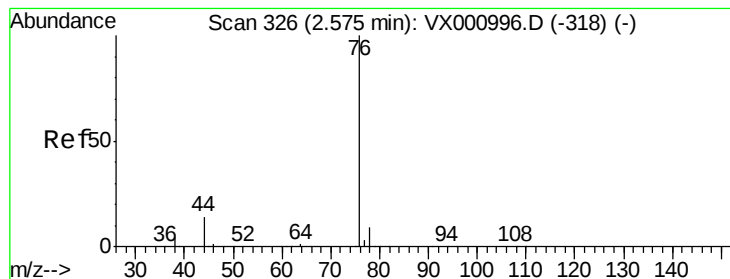
Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion:	43	Resp:	278736
Ion Ratio	Lower	Upper	
43	100		
58	29.6	23.7	35.5





#17

Carbon Disulfide

Concen: 52.15 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 334443

Ion Ratio Lower Upper

76 100

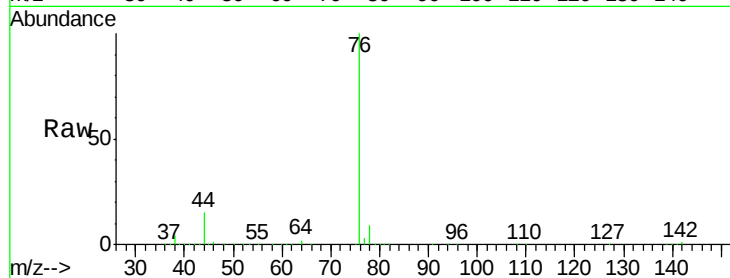
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

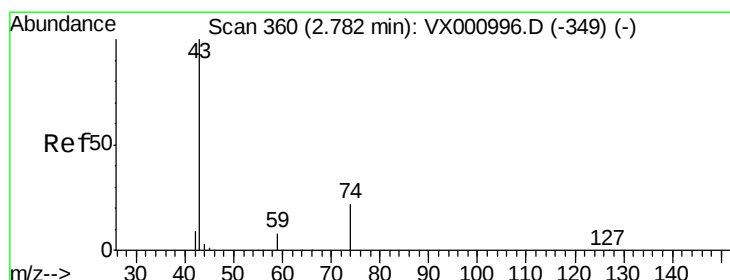
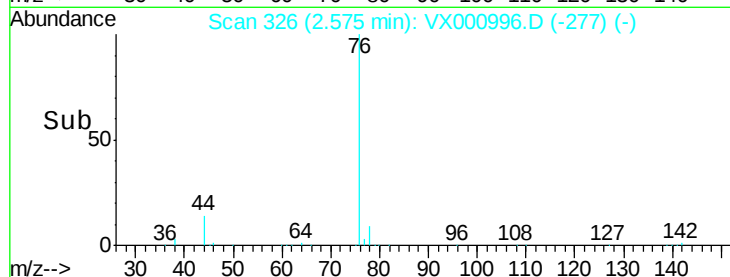
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 69.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000996.D

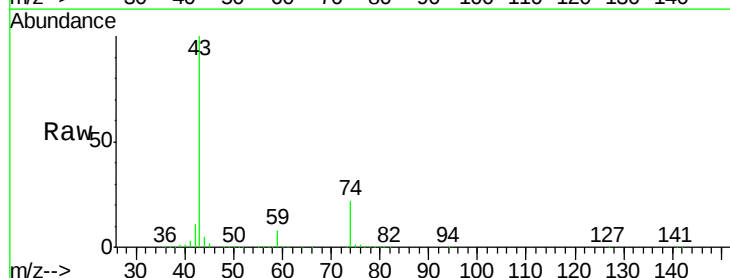
Acq: 19 Apr 2018 18:29

Tgt Ion: 43 Resp: 185667

Ion Ratio Lower Upper

43 100

74 22.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

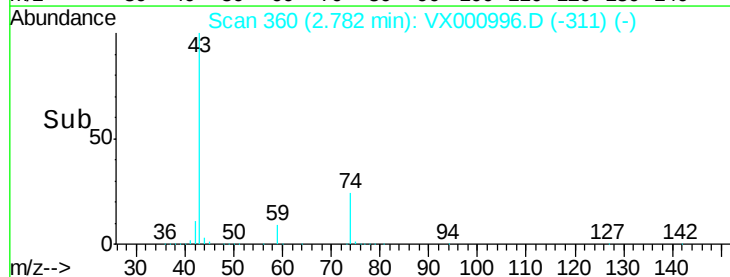
60000

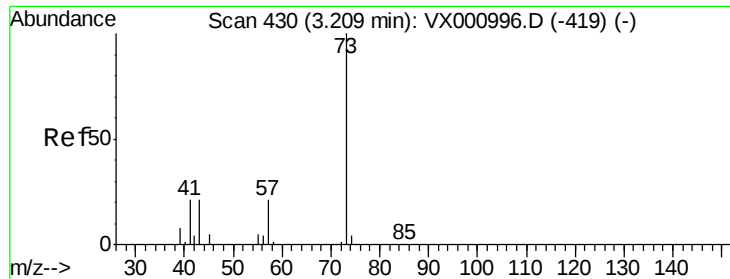
40000

20000

0

Time-->





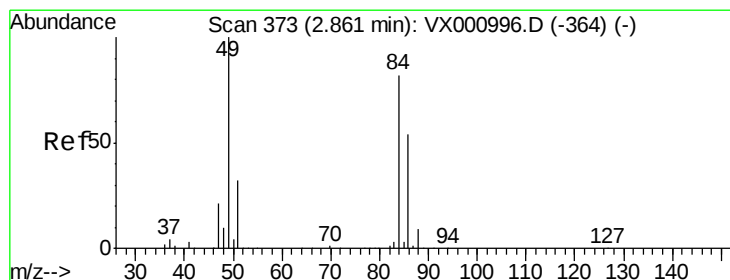
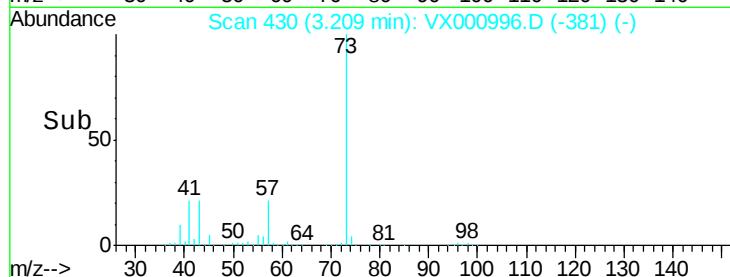
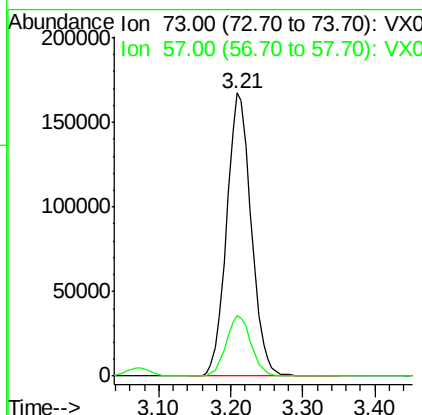
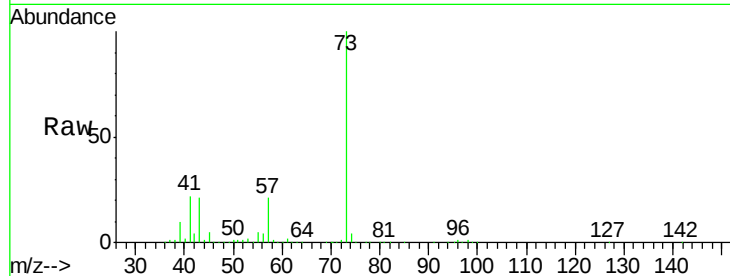
#19
Methvl tert-butvl Ether
Concen: 59.13 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 397017
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7

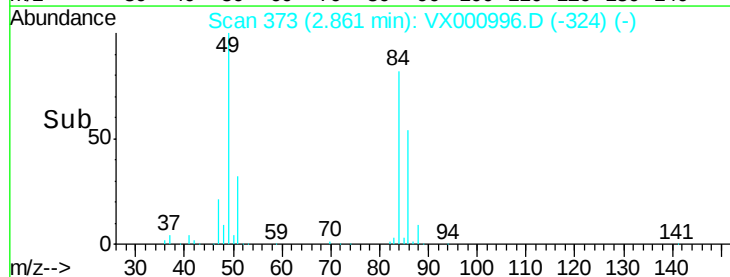
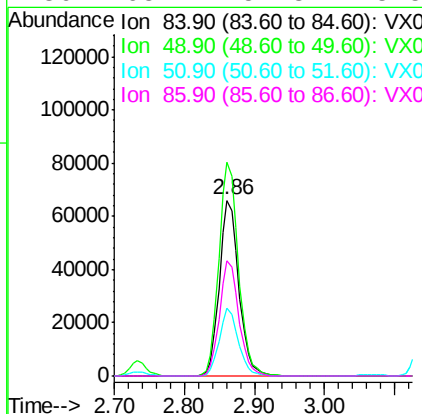
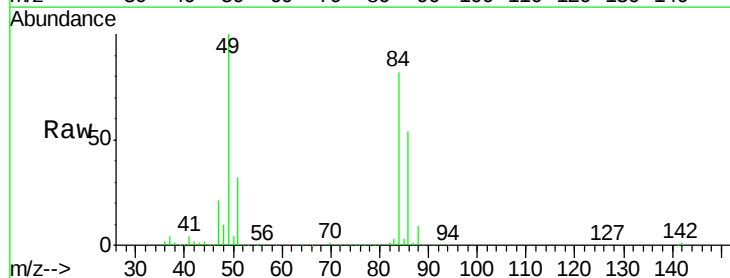
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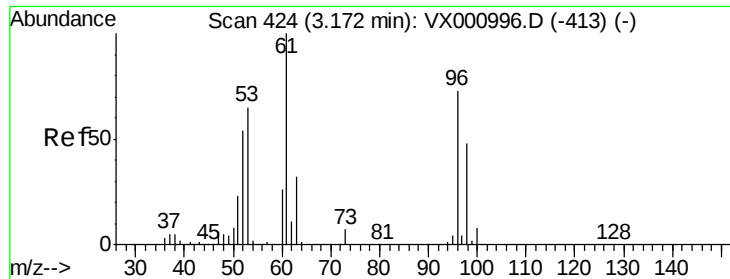
MMDadoda
4/20/2018 2:09:31 PM



#20
Methylene Chloride
Concen: 52.81 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion: 84 Resp: 127322
Ion Ratio Lower Upper
84 100
49 121.4 97.1 145.7
51 38.5 30.8 46.2
86 65.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 54.83 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

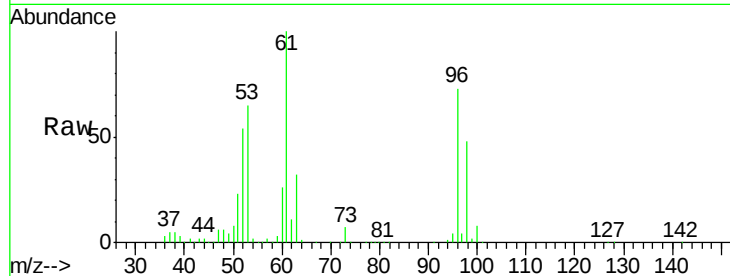
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	127757
Ion	Ratio	Lower	Upper
96	100		
61	136.8	109.4	164.2
98	65.7	52.6	78.8

Manual Integrations
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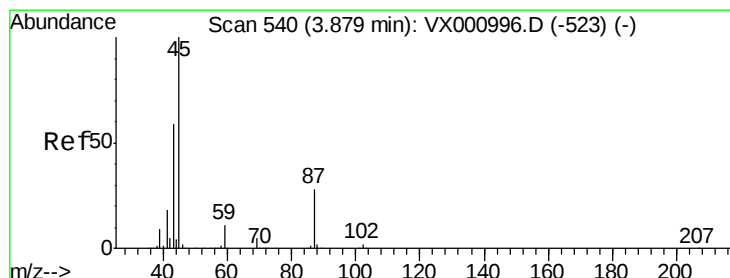
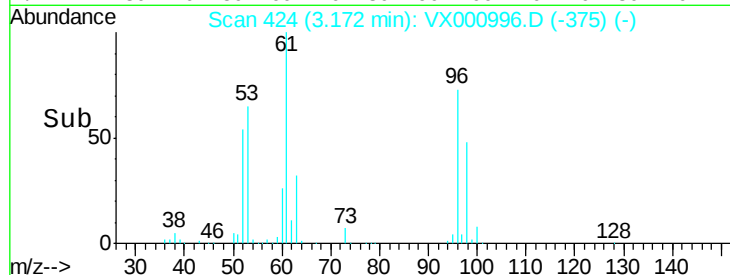
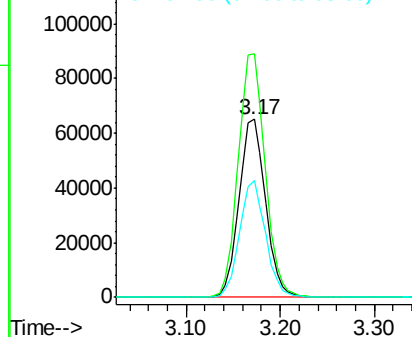


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.83 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion:	45	Resp:	424670
Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.0	70.4
87	28.1	22.5	33.7
59	11.0	8.8	13.2

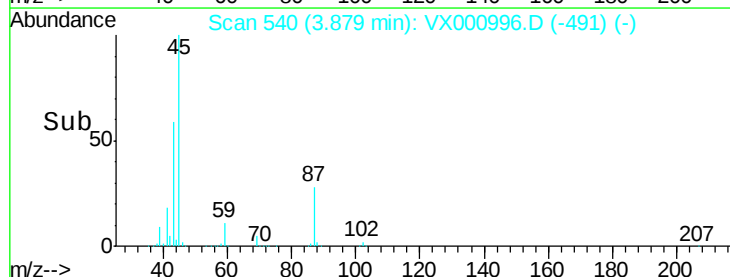
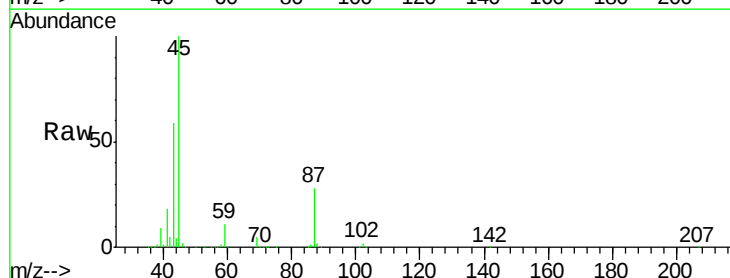
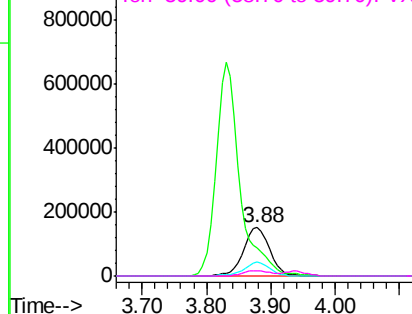
Abundance

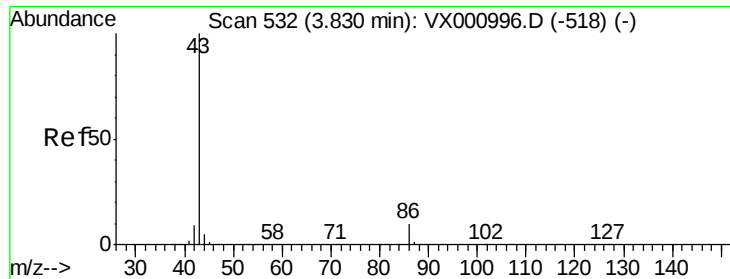
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 290.13 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1738614

Ion Ratio Lower Upper

43 100

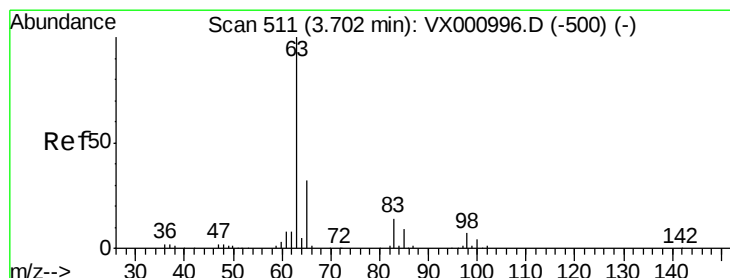
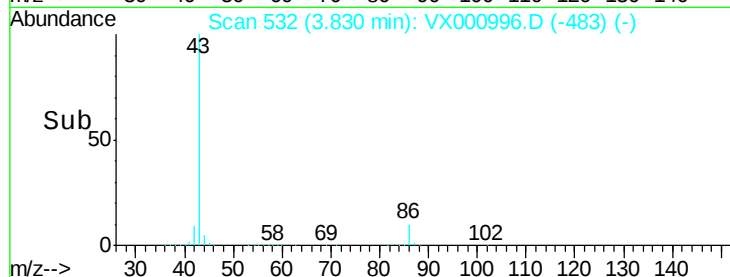
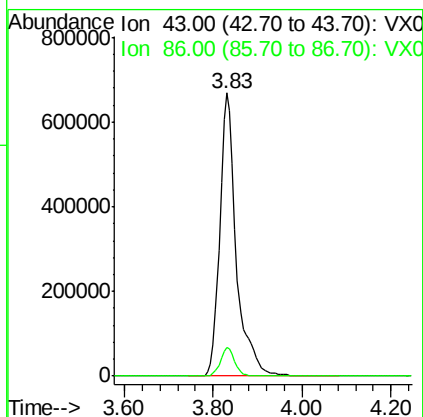
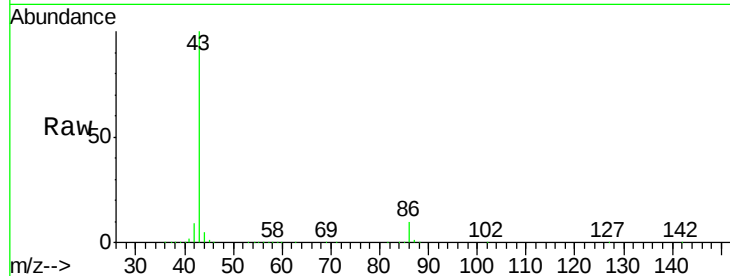
86 10.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 58.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

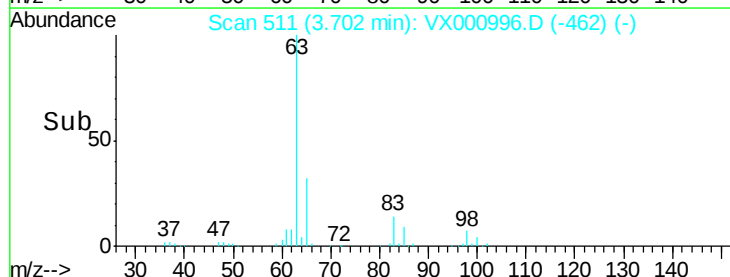
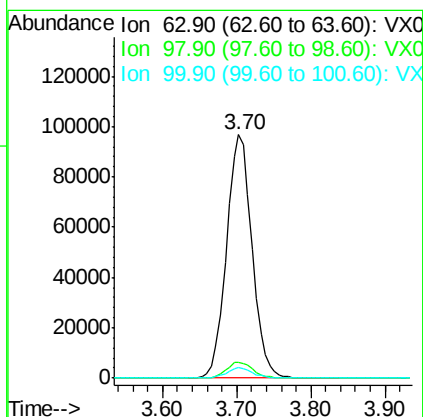
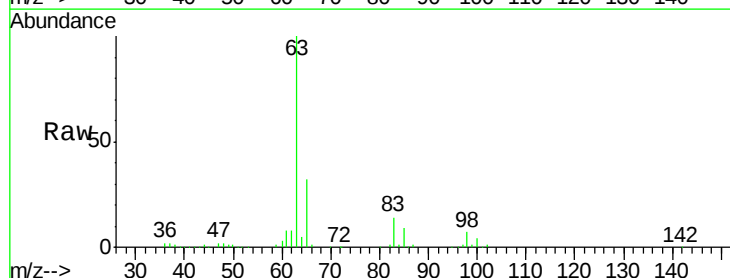
Tgt Ion: 63 Resp: 231041

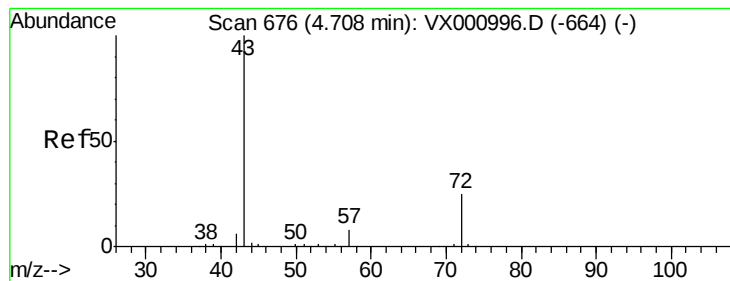
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 277.84 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 439211

Ion Ratio Lower Upper

43 100

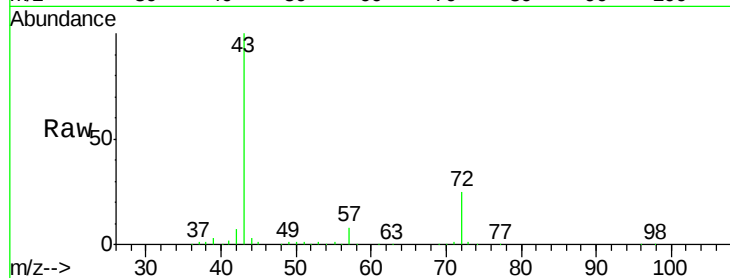
72 24.9 19.9 29.9

Manual Integrations

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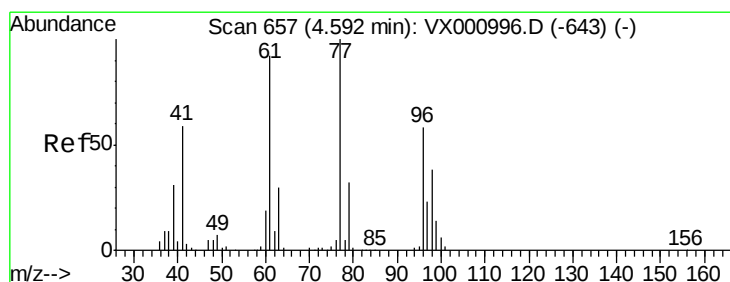
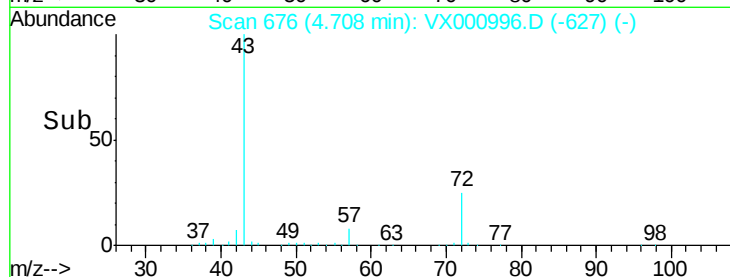
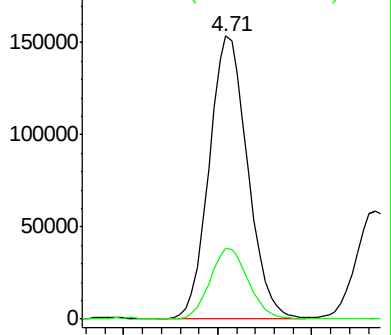
MMDadoda

4/20/2018 2:09:31 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 58.79 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000996.D

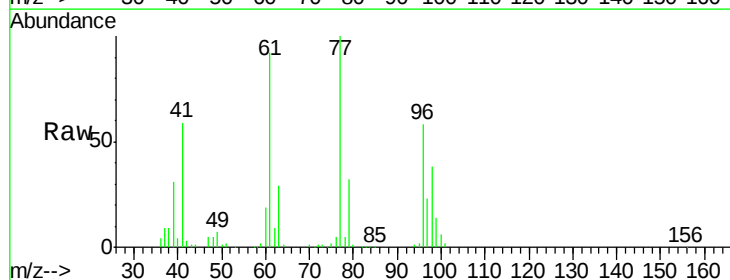
Acq: 19 Apr 2018 18:29

Tgt Ion: 77 Resp: 204217

Ion Ratio Lower Upper

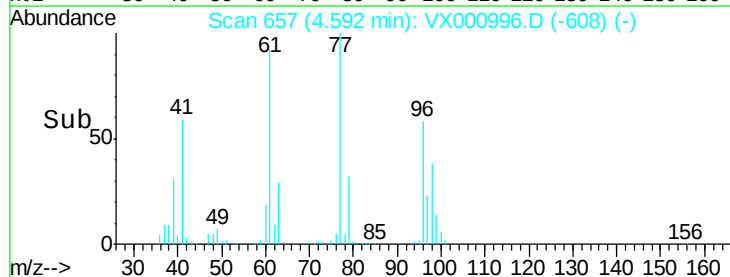
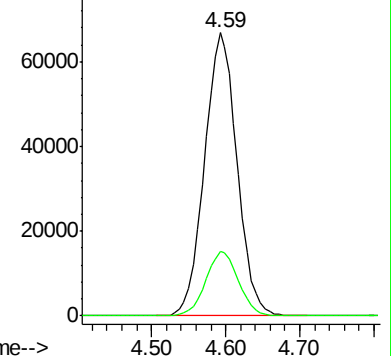
77 100

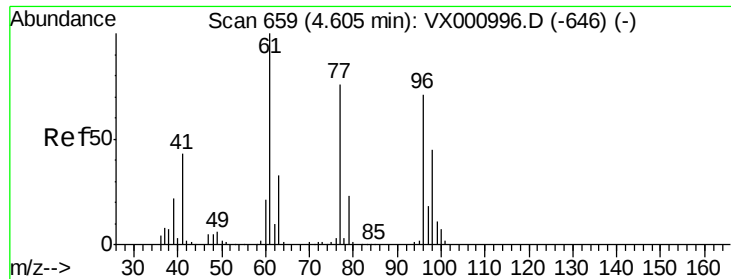
97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

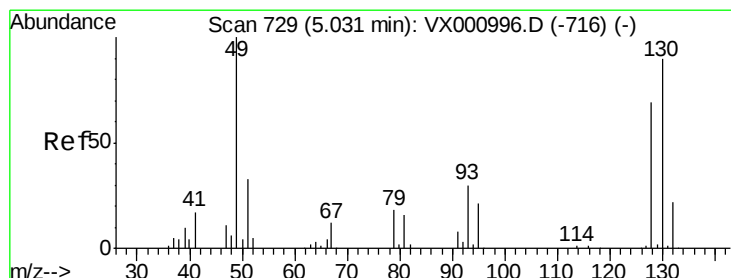
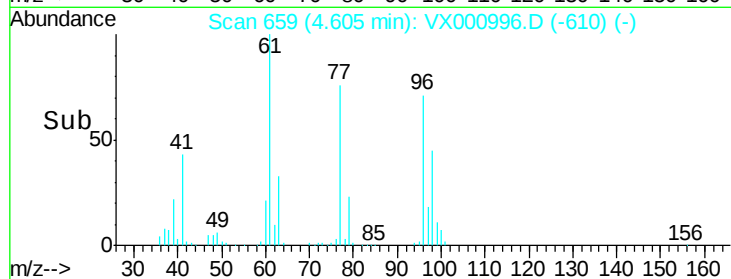
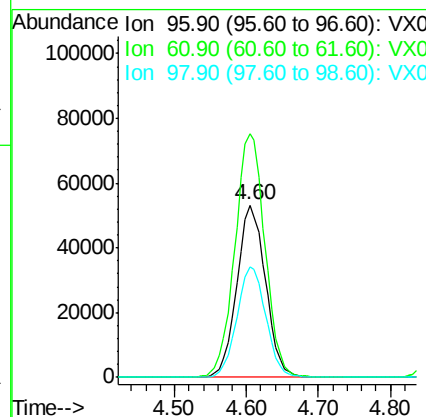
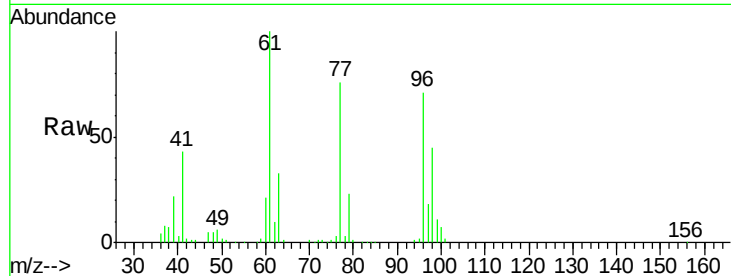
cis-1,2-Dichloroethene
 Concen: 58.11 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	297.0
98	65.0	0.0	130.0

Manual Integrations
 APPROVED

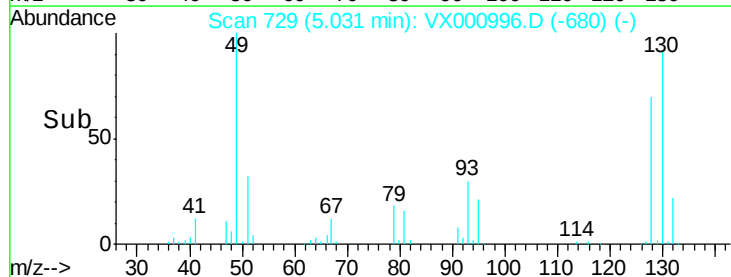
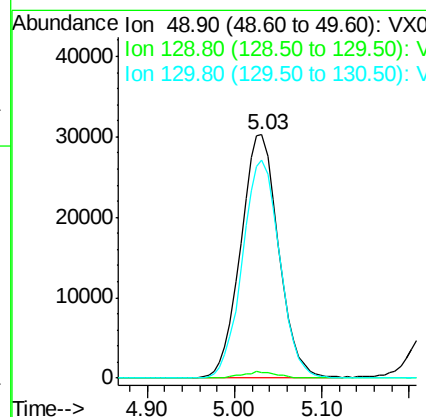
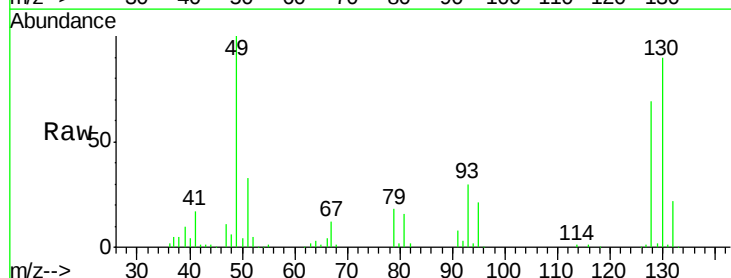
MMDadoda
 4/20/2018 2:09:31 PM

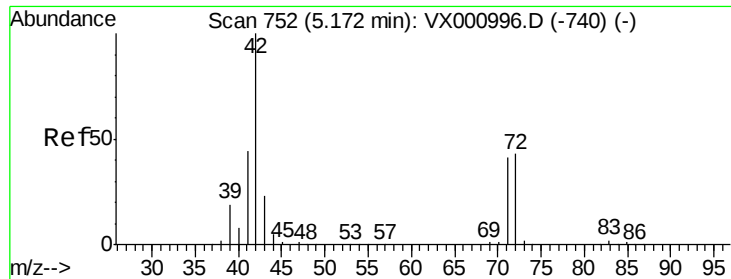


#28

Bromochloromethane
 Concen: 54.97 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	88.2	70.6	105.8





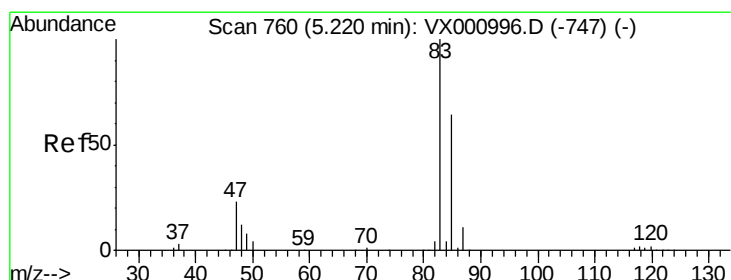
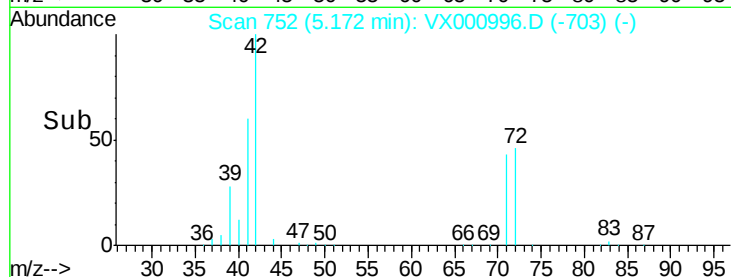
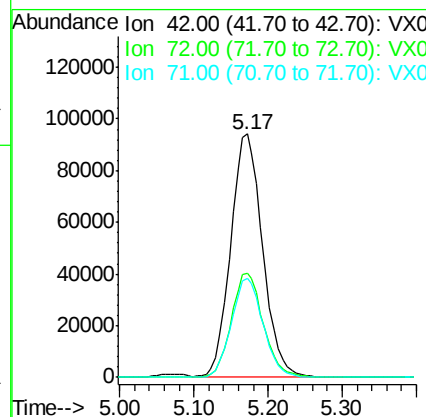
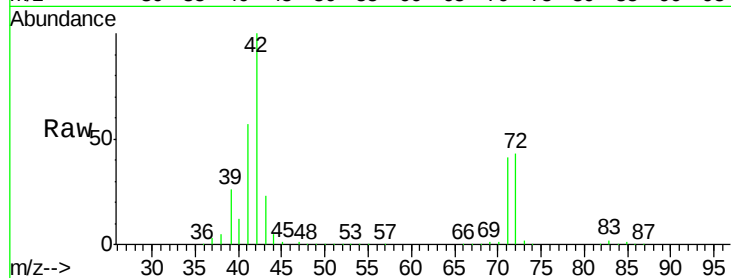
#29
Tetrahydrofuran
Concen: 278.54 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	52.0
71	40.8	32.6	49.0

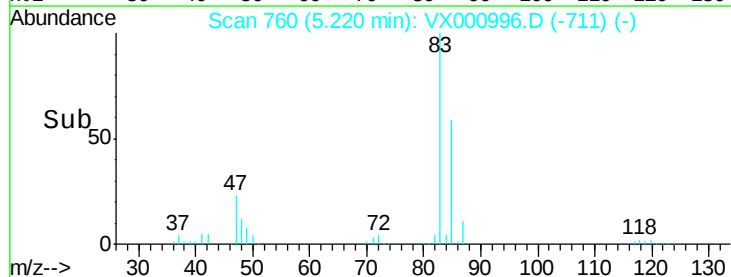
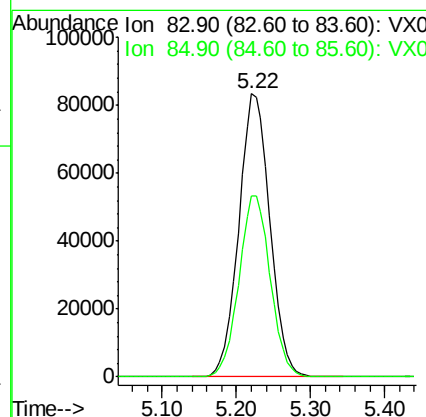
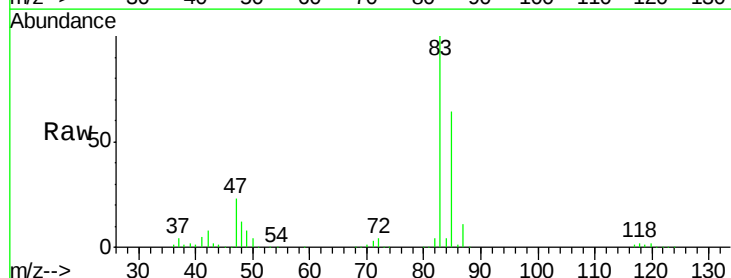
Manual Integrations
APPROVED

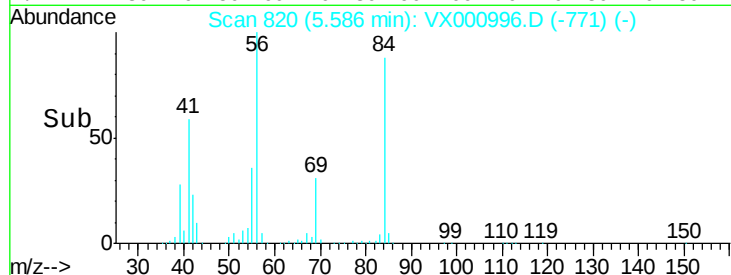
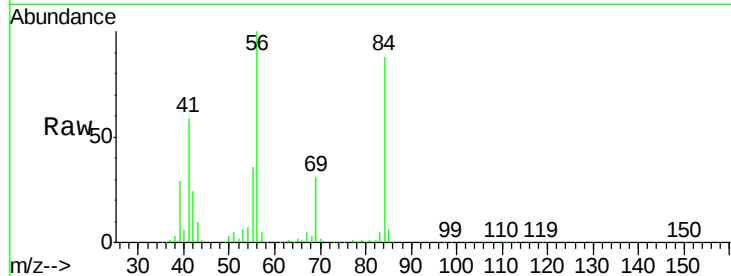
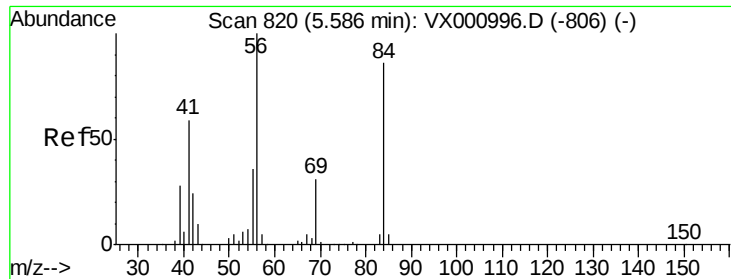
MMDadoda
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#30
Chloroform
Concen: 59.91 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9





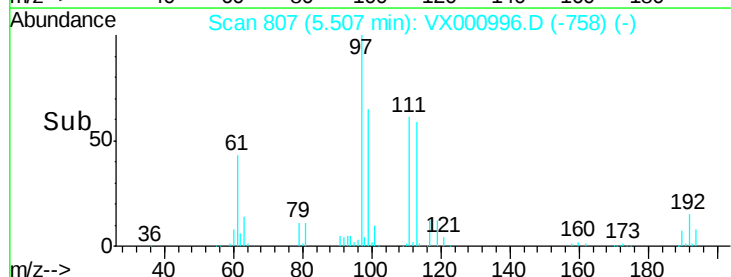
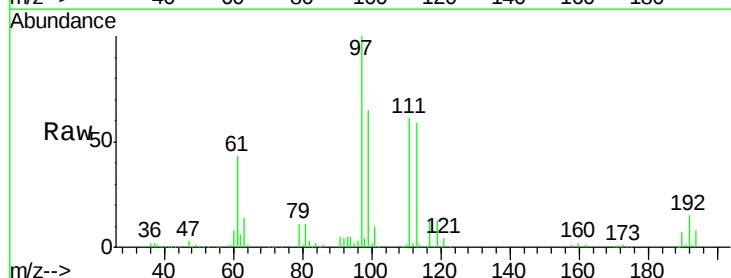
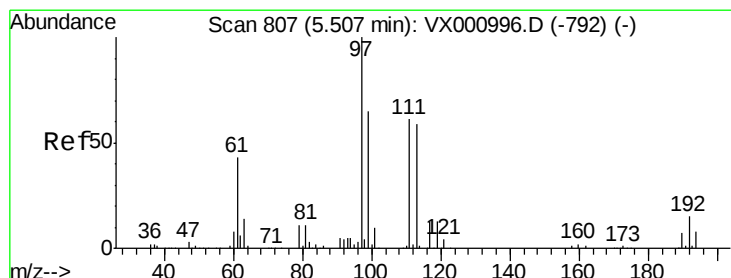
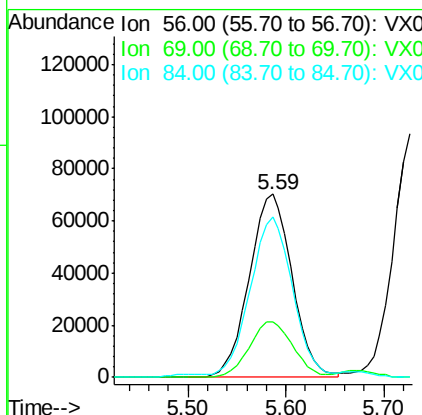
#31
Cyclohexane
Concen: 59.51 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	86.3	69.0	103.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

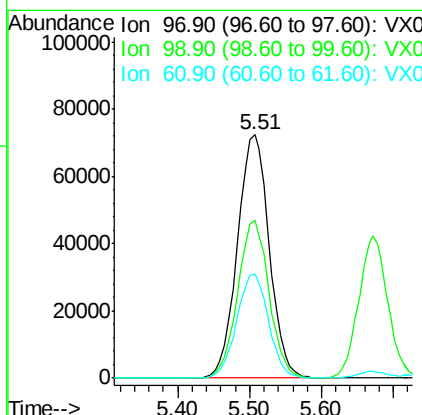
Manual Integrations
APPROVED

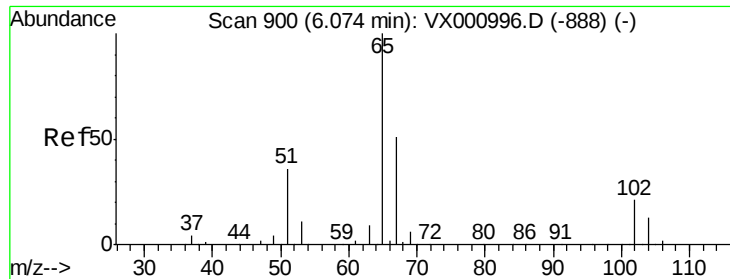
MMDadoda
4/20/2018 2:09:31 PM



#32
1,1,1-Trichloroethane
Concen: 61.14 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	43.0	34.4	51.6





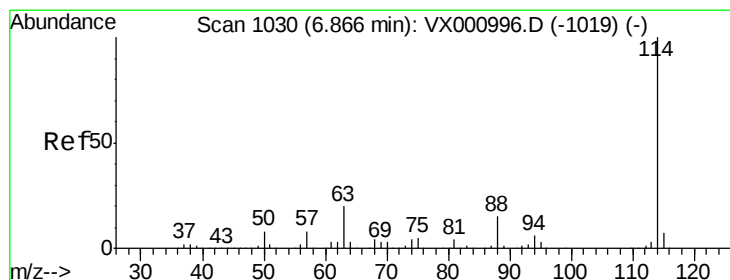
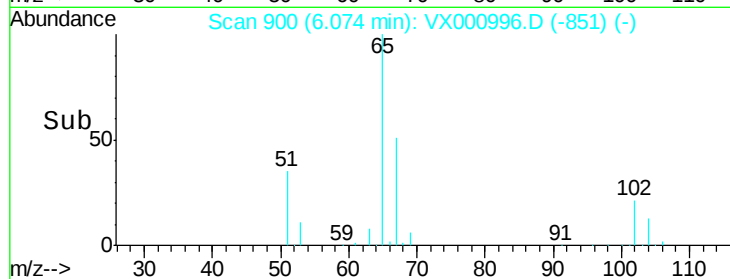
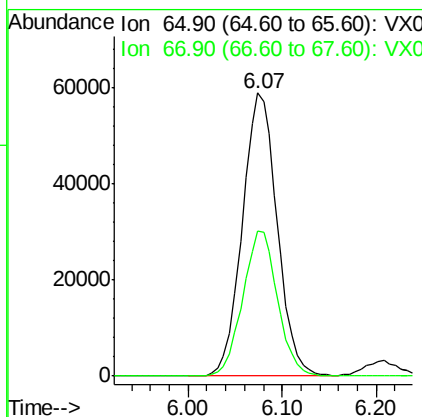
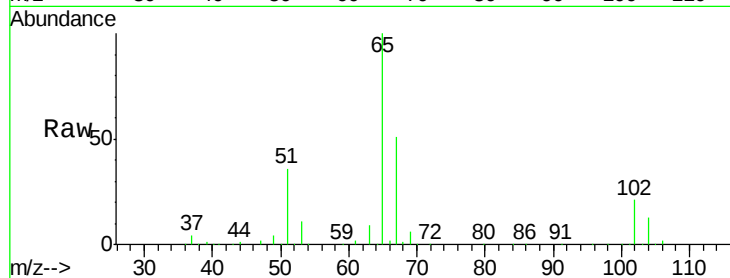
#33
 1,2-Dichloroethane-d4
 Concen: 48.18 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152180		
67	51.3	0.0	102.6	

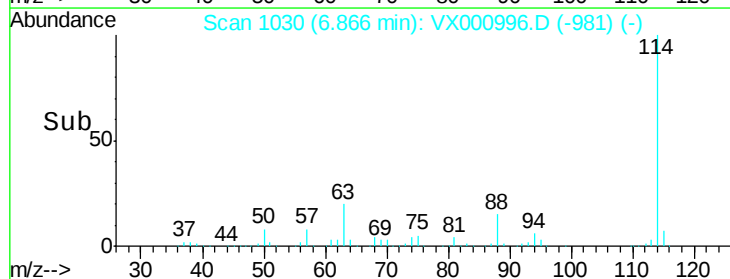
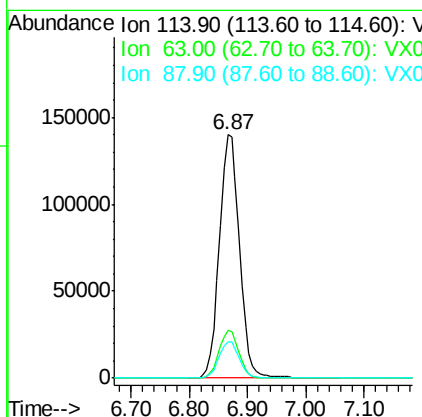
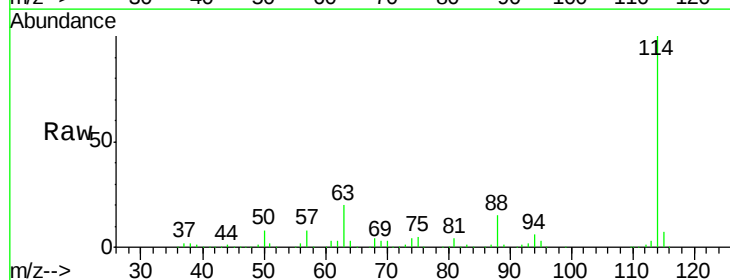
Manual Integrations
 APPROVED

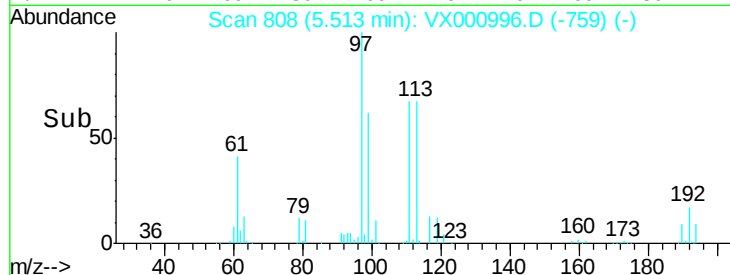
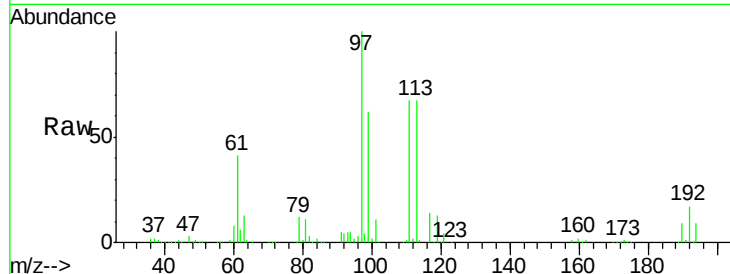
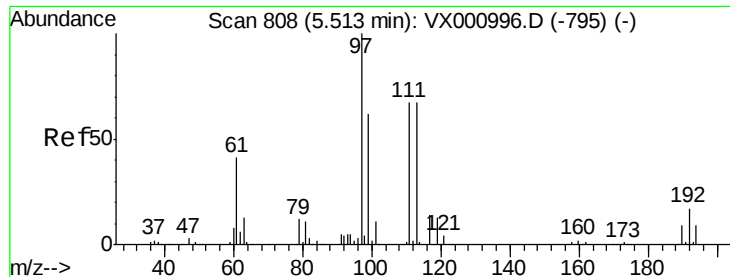
MMDadoda
 4/20/2018 2:09:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	335196		
63	19.7	0.0	39.4	
88	14.9	0.0	29.8	





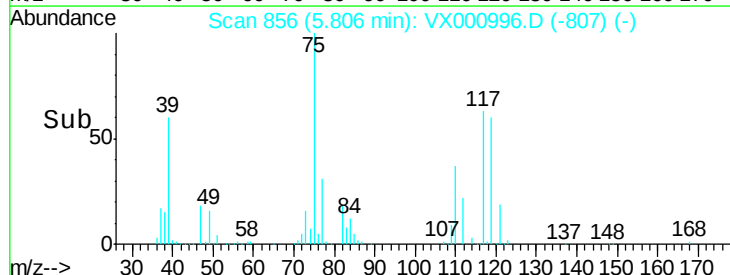
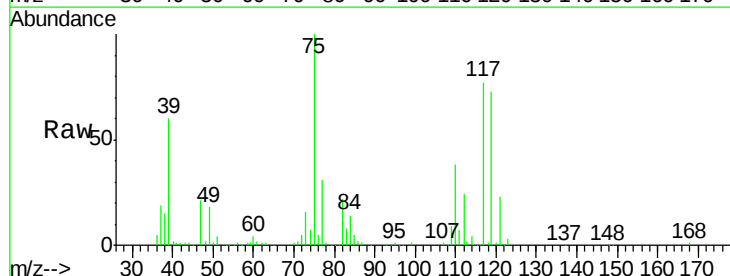
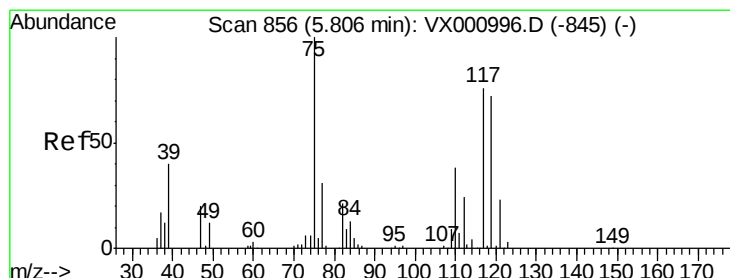
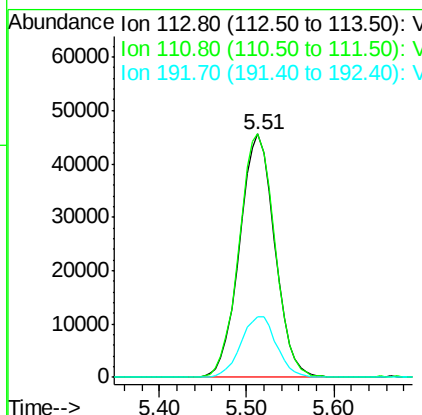
#35
Dibromofluoromethane
Concen: 54.16 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127302		
111	101.8	81.4	122.2	
192	25.5	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

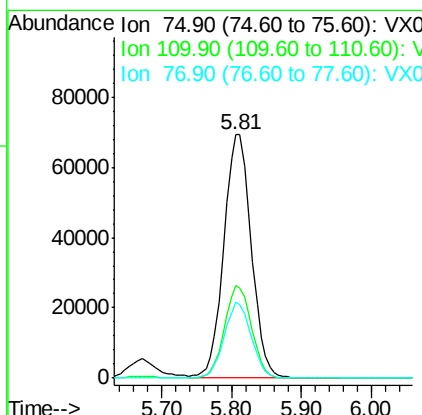
Manual Integrations
APPROVED

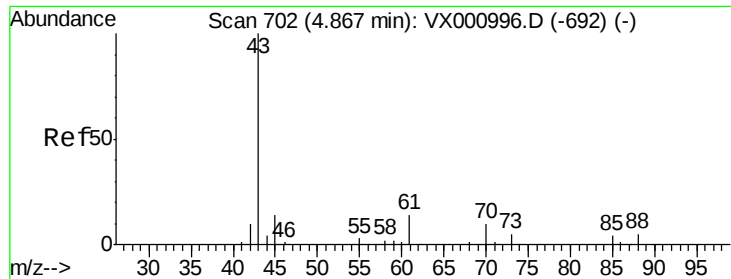
MMDadoda
4/20/2018 2:09:31 PM



#36
1,1-Dichloropropene
Concen: 59.09 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188790		
110	37.4	18.7	56.1	
77	31.2	25.0	37.4	





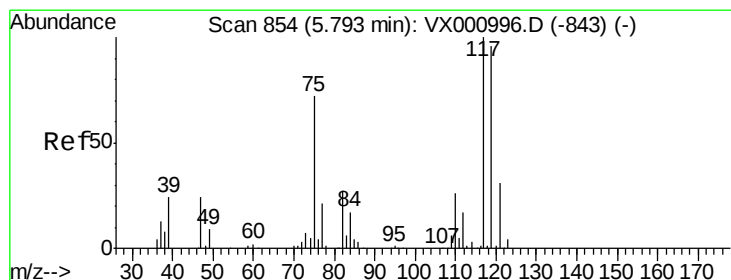
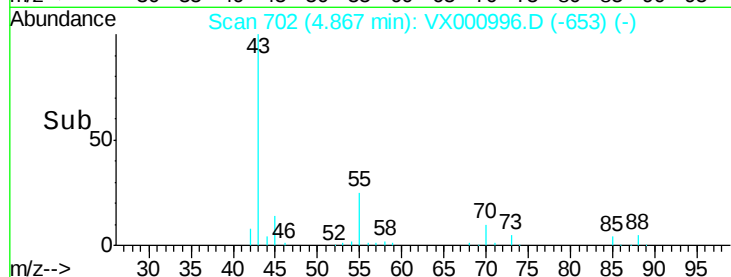
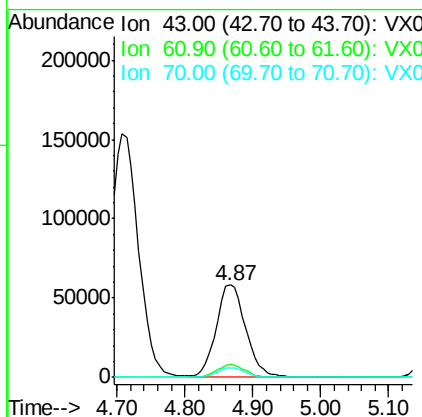
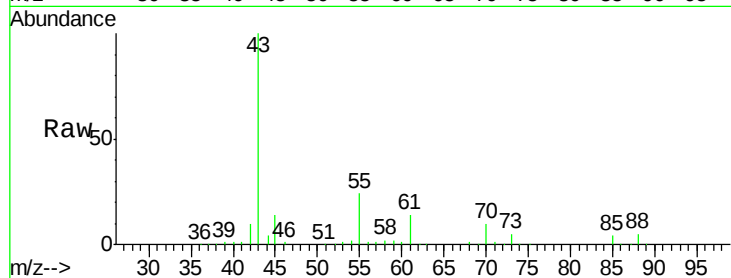
#37
Ethyl Acetate
Concen: 58.68 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.4	8.3	12.5

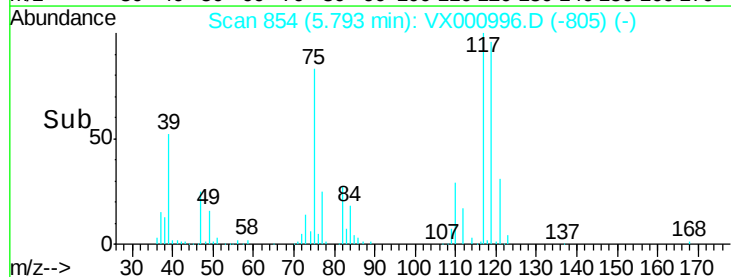
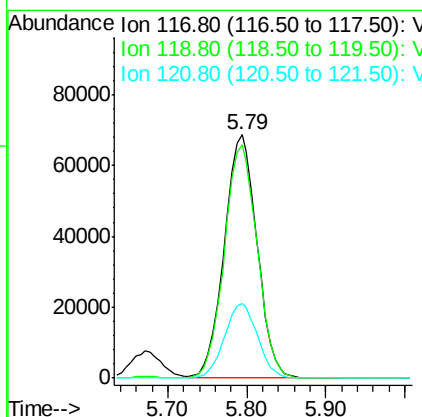
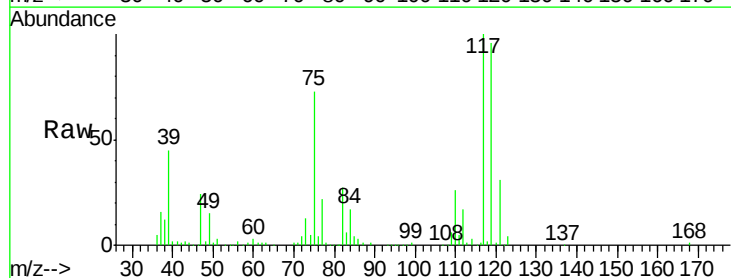
Manual Integrations
APPROVED

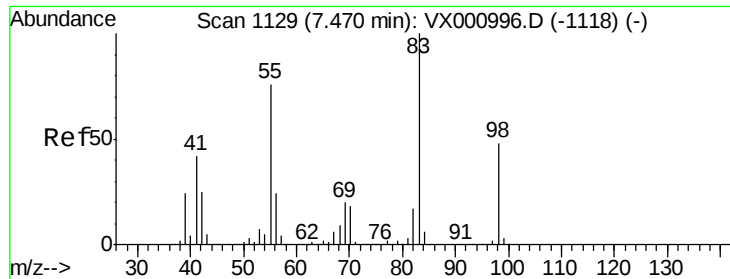
MMDadoda
4/20/2018 2:09:31 PM



#38
Carbon Tetrachloride
Concen: 59.51 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
121	30.6	24.5	36.7





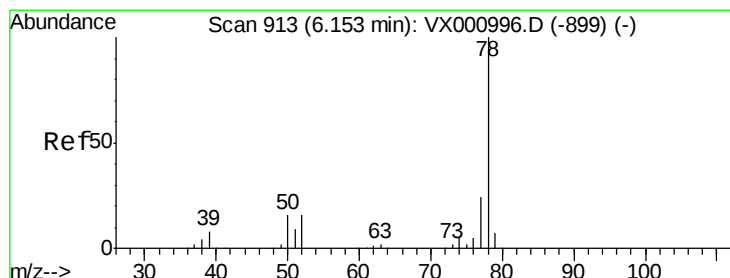
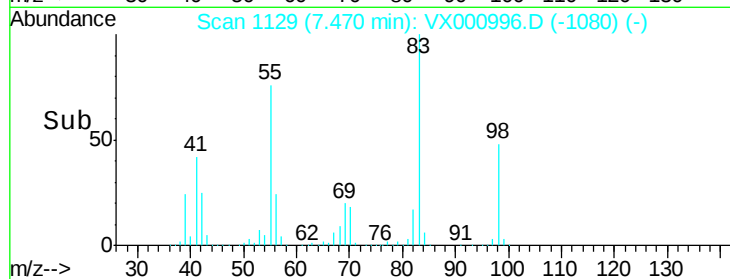
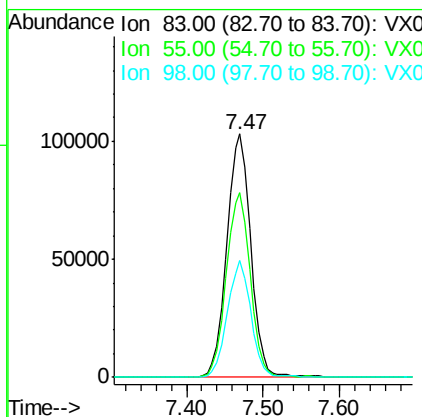
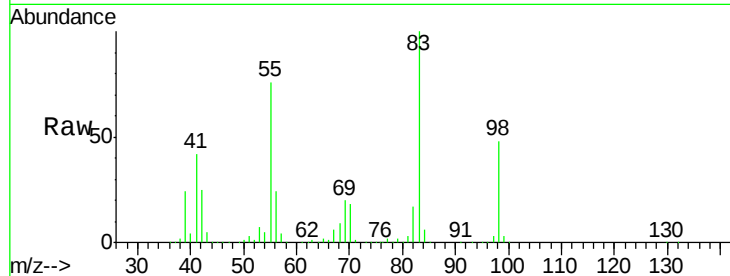
#39
Methvlcvclohexane
Concen: 58.53 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	223465		
55	75.8		60.6	91.0
98	47.8		38.2	57.4

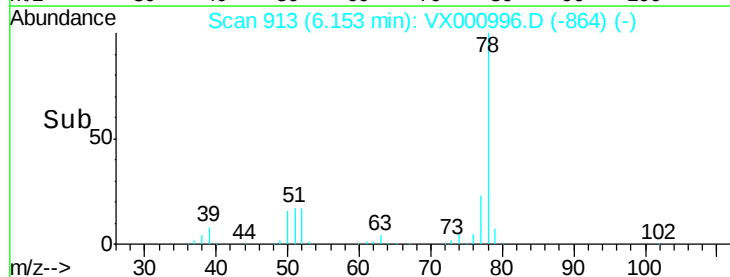
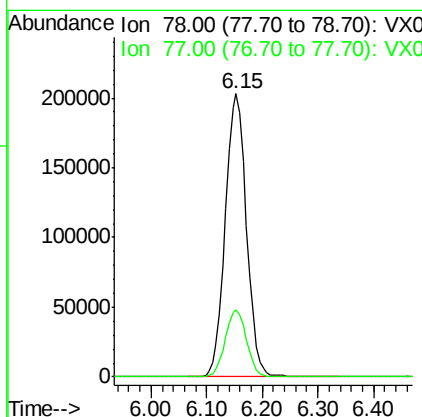
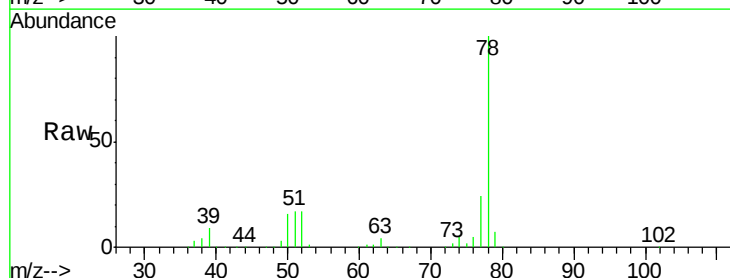
Manual Integrations
APPROVED

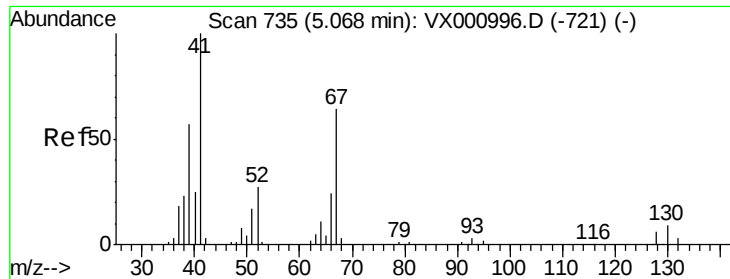
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4/20/2018 2:09:31 PM



#40
Benzene
Concen: 60.04 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	535114		
77	23.6		18.9	28.3





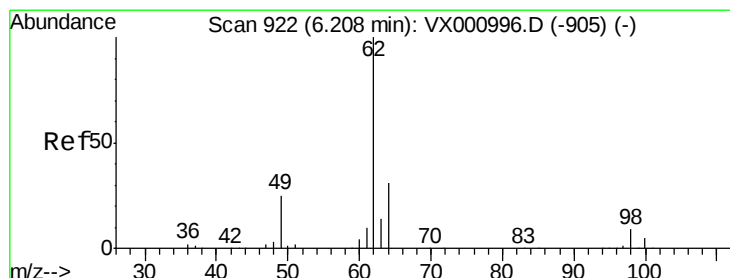
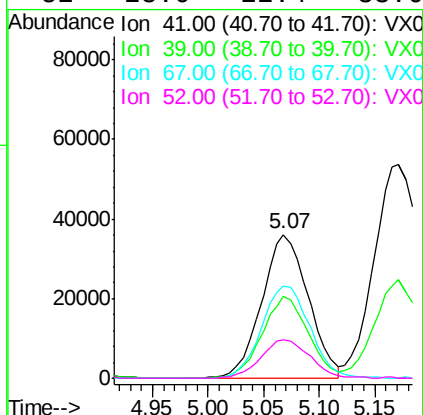
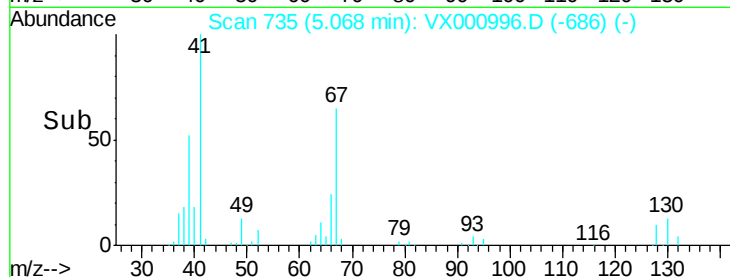
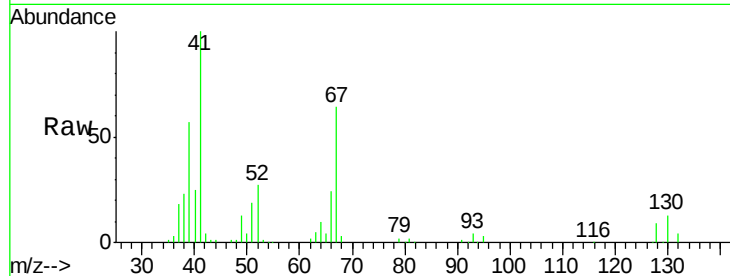
#41
Methacrylonitrile
Concen: 56.15 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	45.2	67.8	
67	67.3	53.8	80.8	
52	28.0	22.4	33.6	

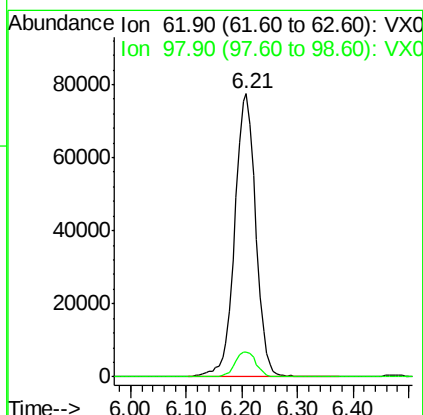
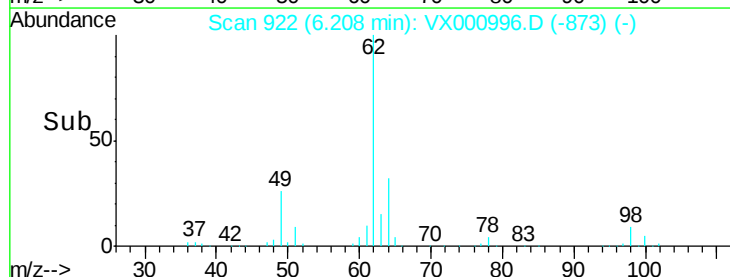
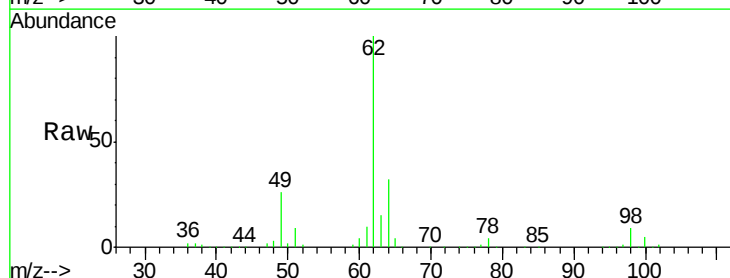
Manual Integrations
APPROVED

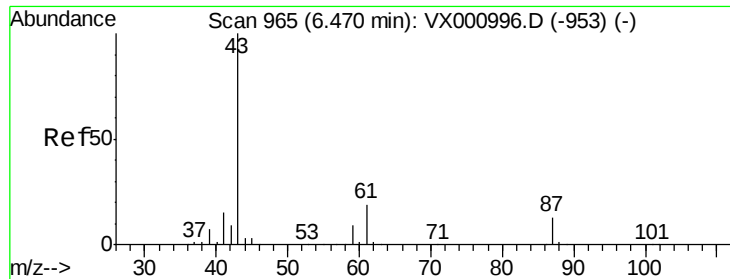
MMDadoda
4/20/2018 2:09:31 PM



#42
1,2-Dichloroethane
Concen: 58.60 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.6	





#43

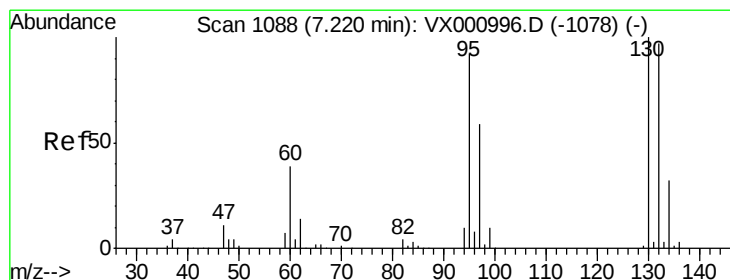
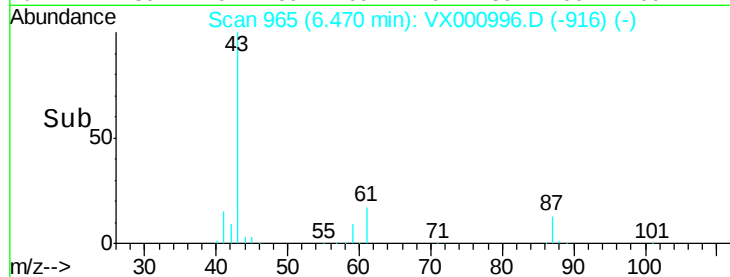
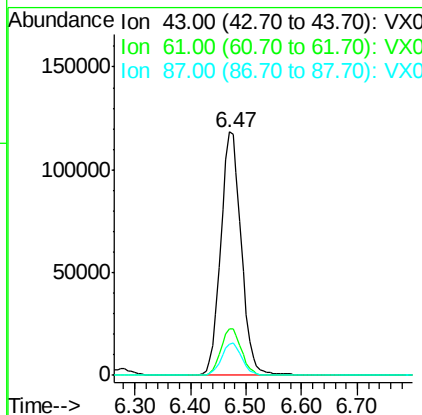
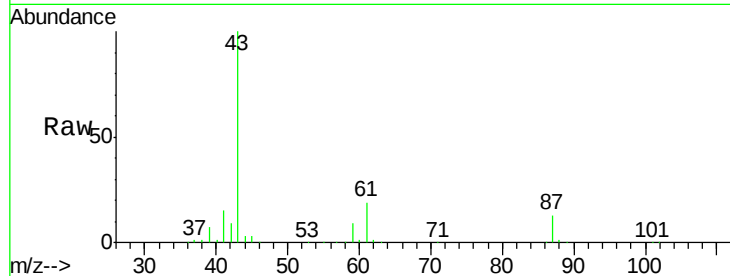
Isopropyl Acetate
 Concen: 59.80 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.2
87	13.2	10.6	15.8

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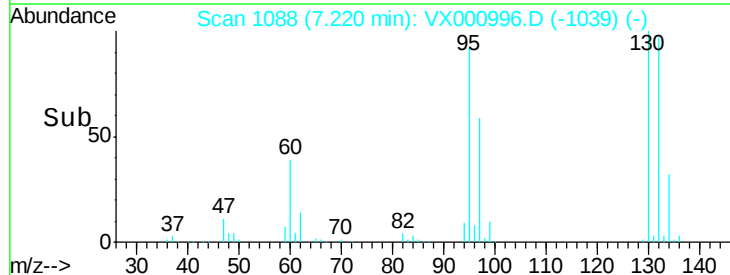
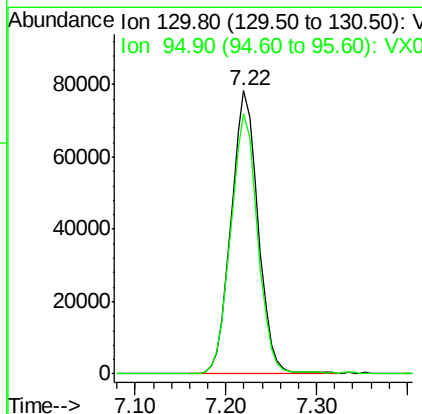
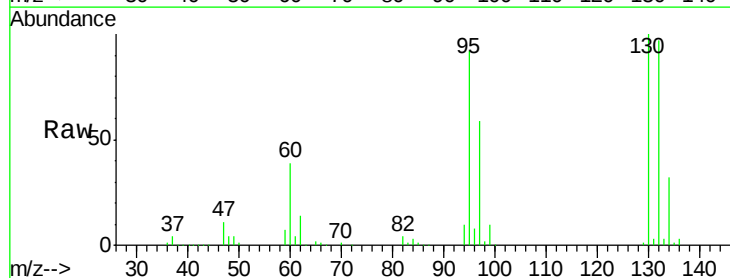
MMDadoda
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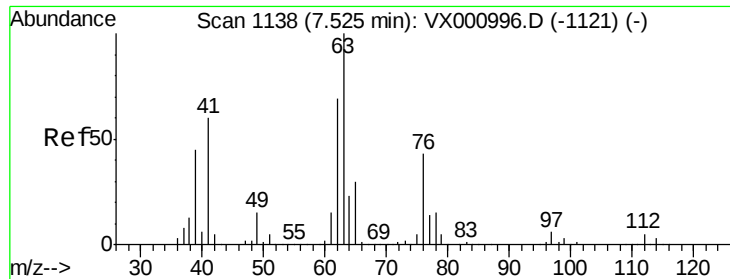


#44

Trichloroethene
 Concen: 57.60 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	184.2





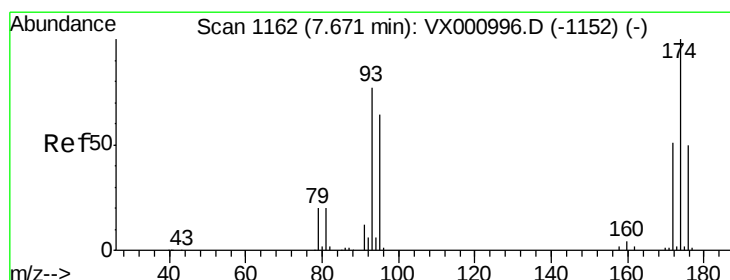
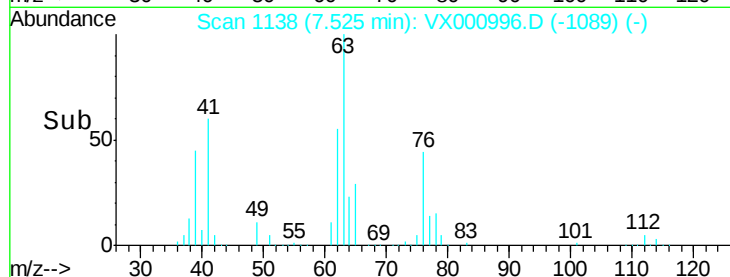
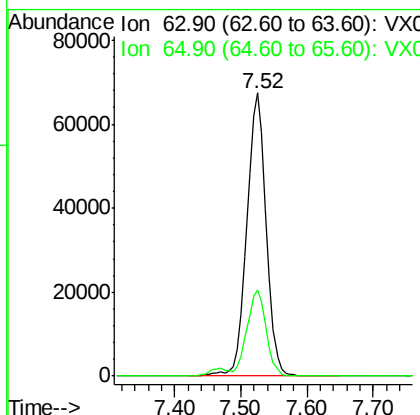
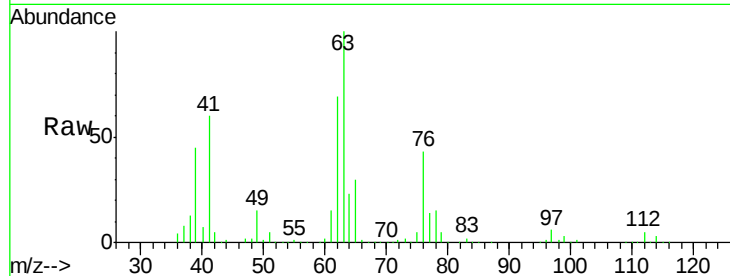
#45
 1,2-Dichloropropane
 Concen: 59.46 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 137741
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6

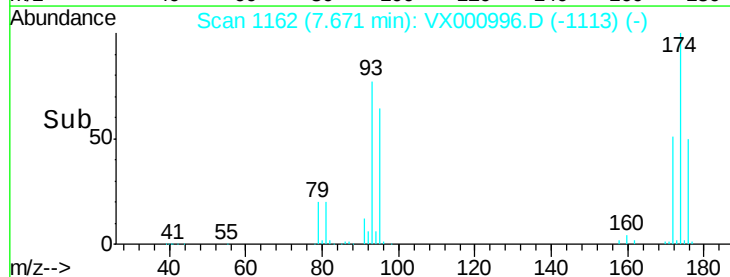
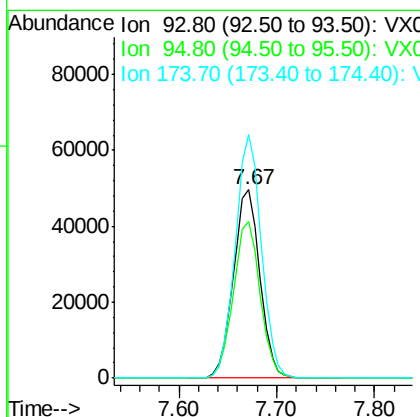
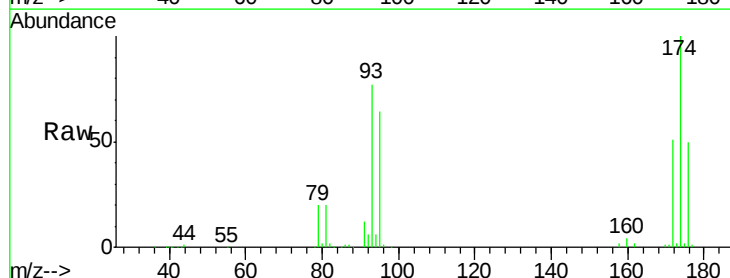
Manual Integrations
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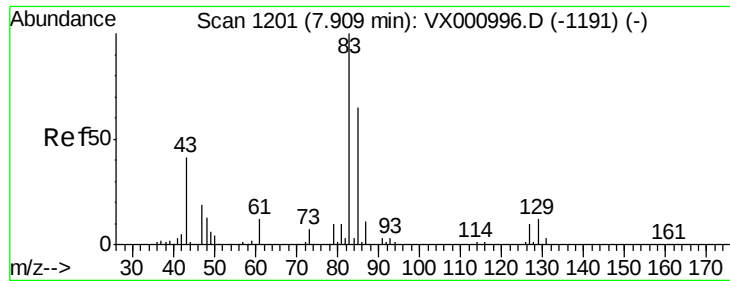
MMDadoda
 4/20/2018 2:09:31 PM



#46
 Dibromomethane
 Concen: 58.52 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion: 93 Resp: 93482
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 127.2 101.8 152.6





#47

Bromodichloromethane

Concen: 61.24 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

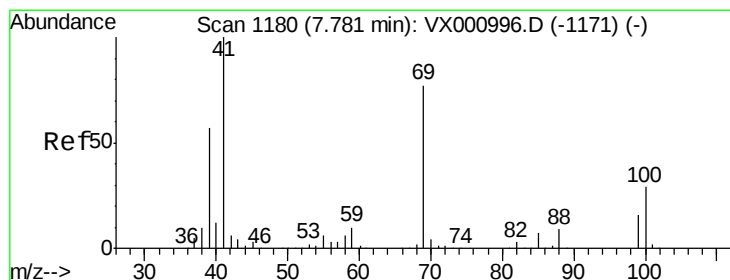
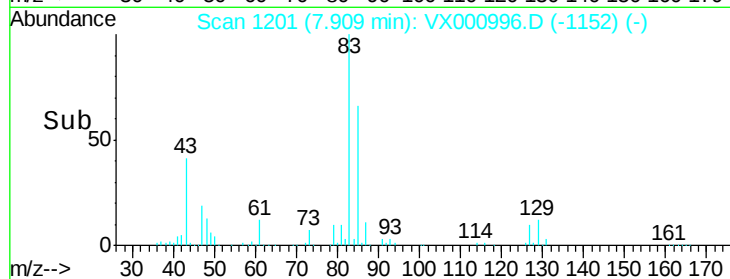
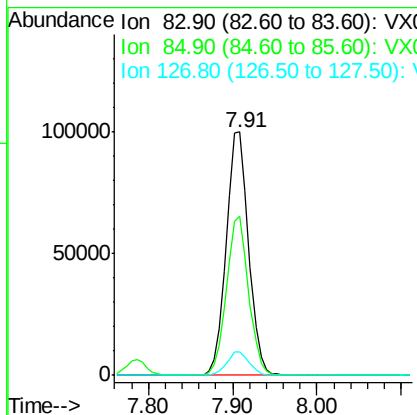
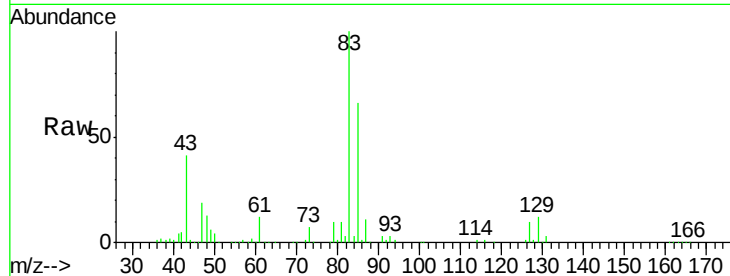
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	181160
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.3	78.5
127	9.7	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.80 ug/l

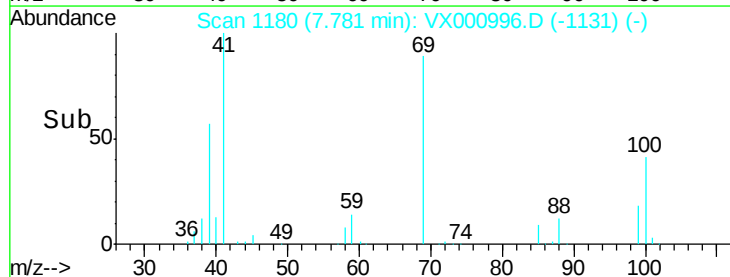
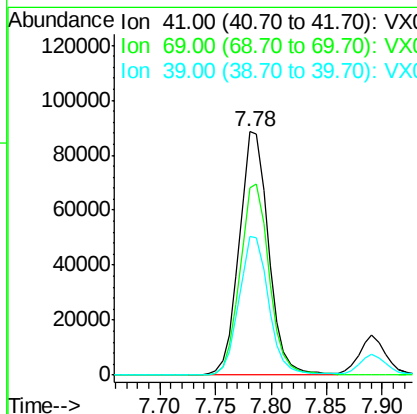
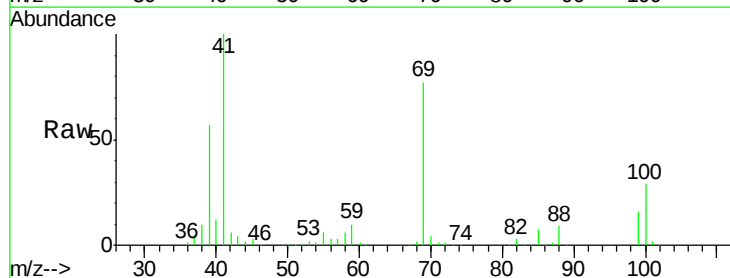
RT: 7.78 min Scan# 1180

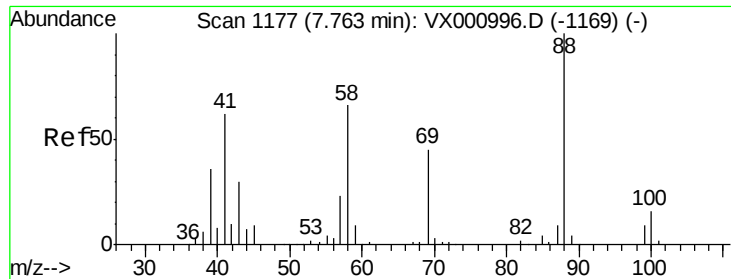
Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion:	41	Resp:	163341
Ion	Ratio	Lower	Upper
41	100		
69	78.3	62.6	94.0
39	56.6	45.3	67.9





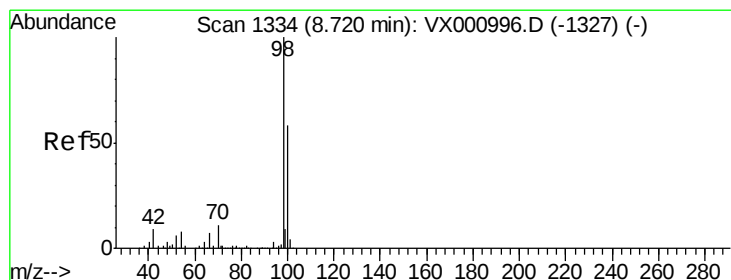
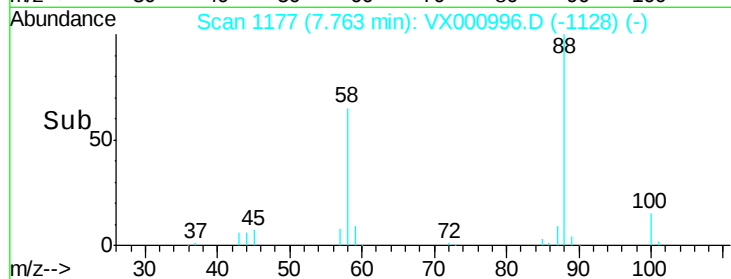
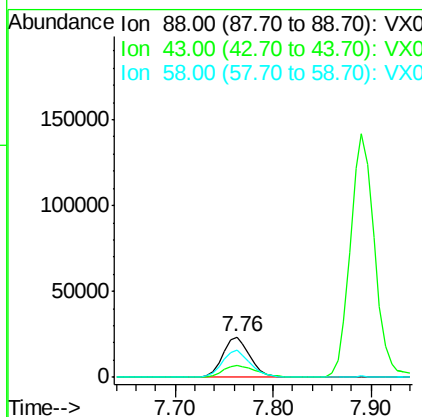
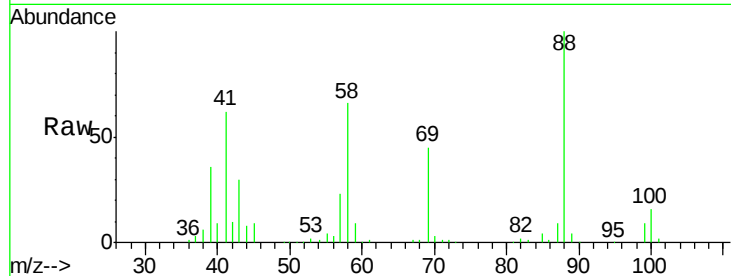
#49
1,4-Dioxane
Concen: 1165.22 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	29.2	43.8
58	68.8	55.0	82.6

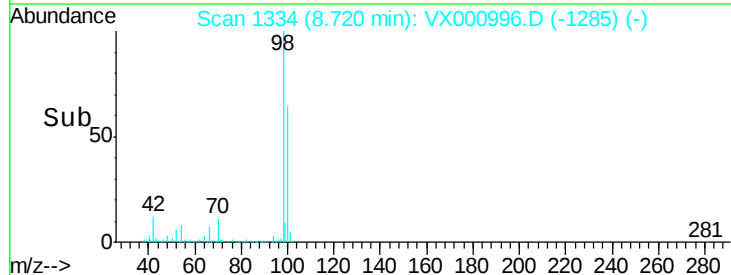
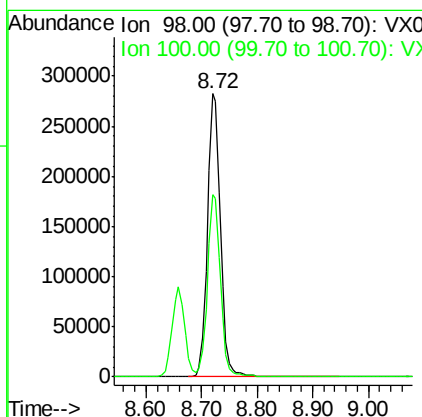
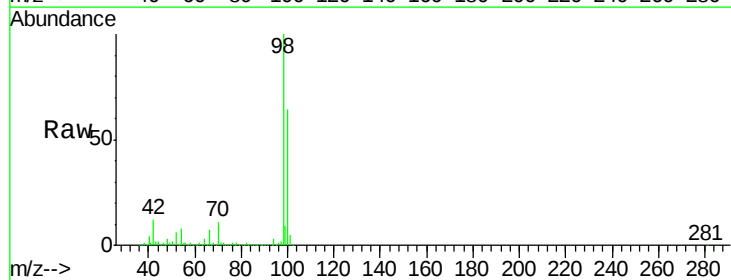
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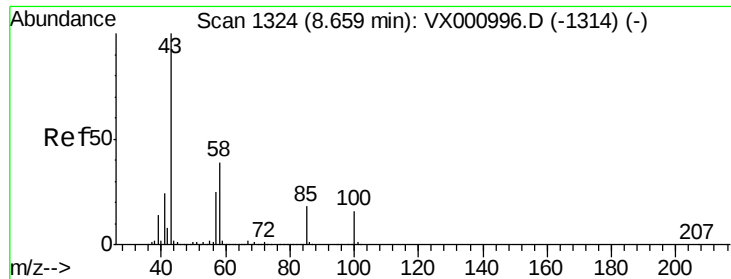
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#50
Toluene-d8
Concen: 55.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 300.80 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 917994

Ion Ratio Lower Upper

43 100

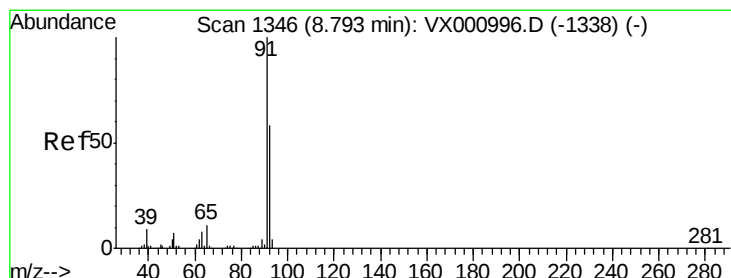
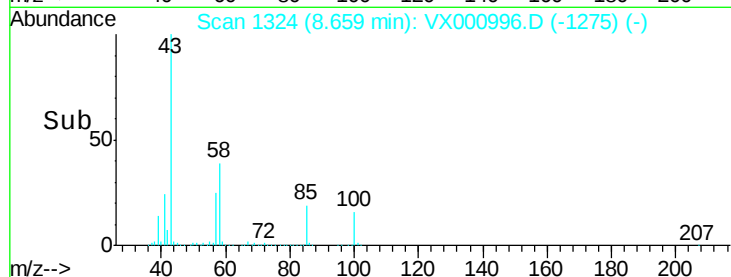
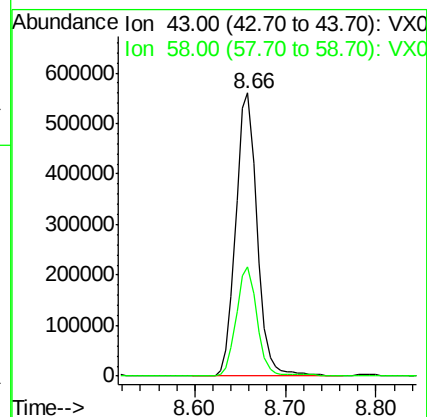
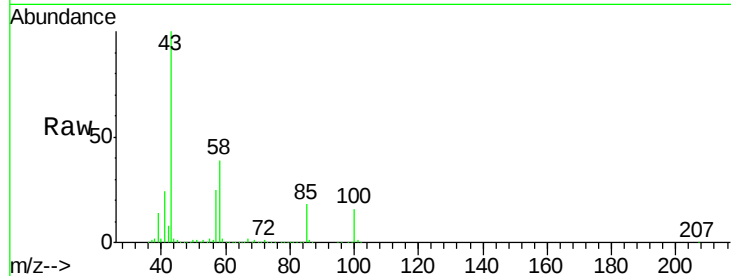
58 37.8 30.2 45.4

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#52

Toluene

Concen: 60.16 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000996.D

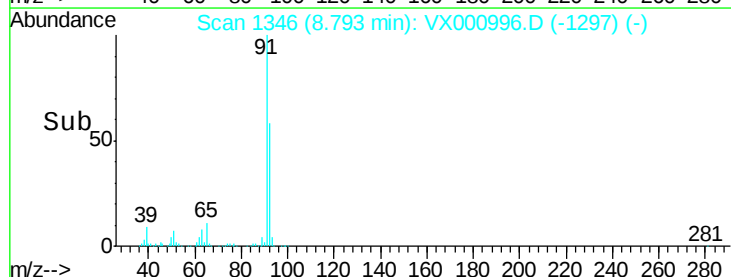
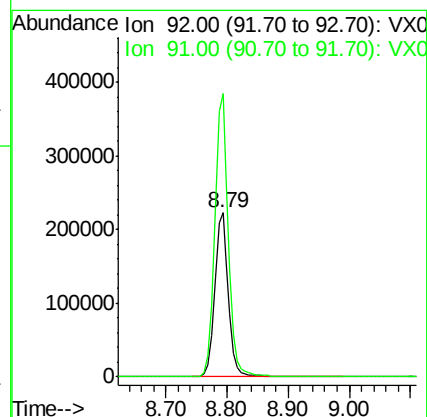
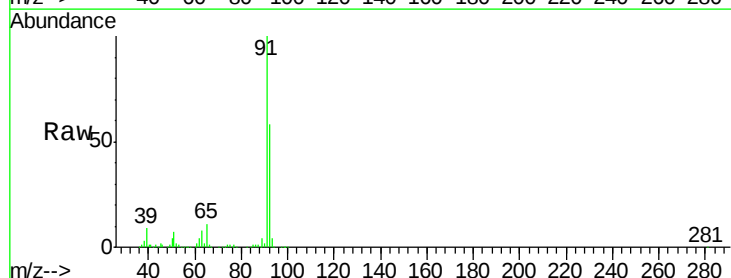
Acq: 19 Apr 2018 18:29

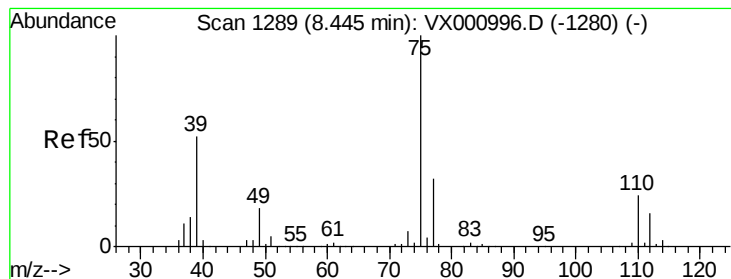
Tgt Ion: 92 Resp: 351938

Ion Ratio Lower Upper

92 100

91 172.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 62.27 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 221083

Ion Ratio Lower Upper

75 100

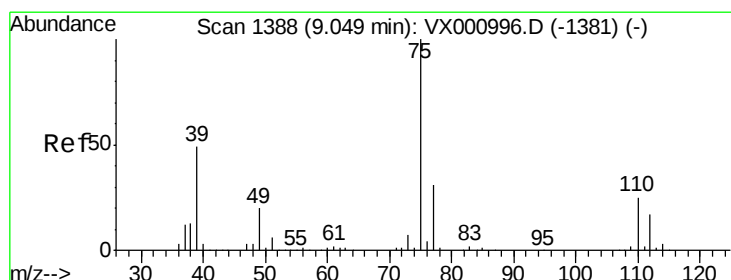
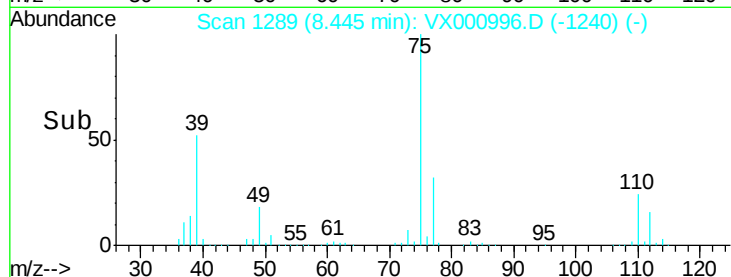
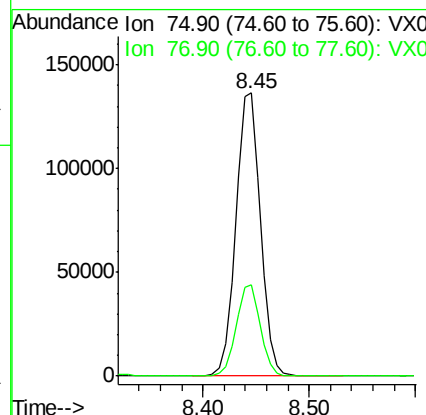
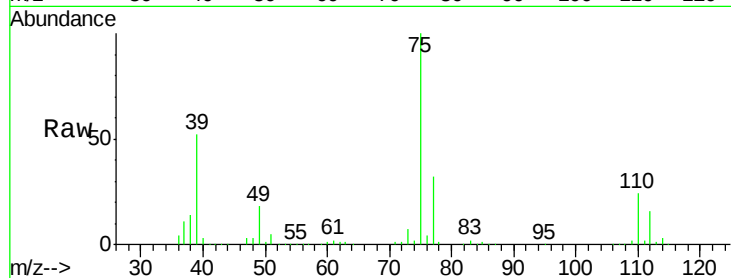
77 32.2 25.8 38.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 62.48 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

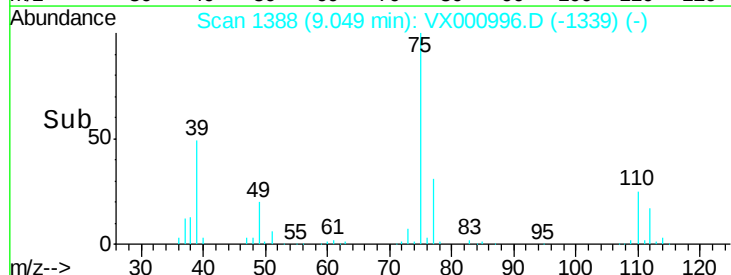
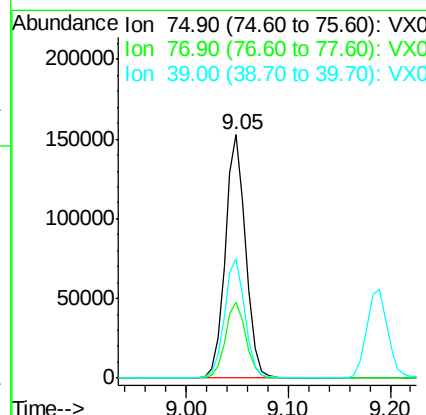
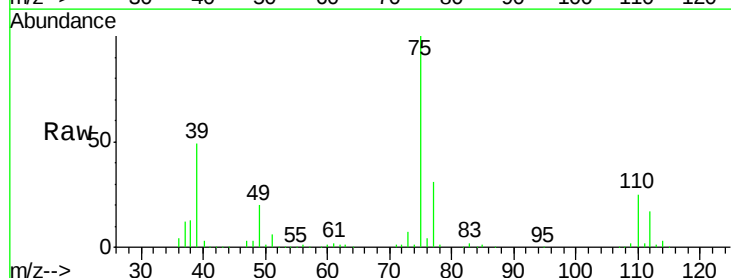
Tgt Ion: 75 Resp: 211559

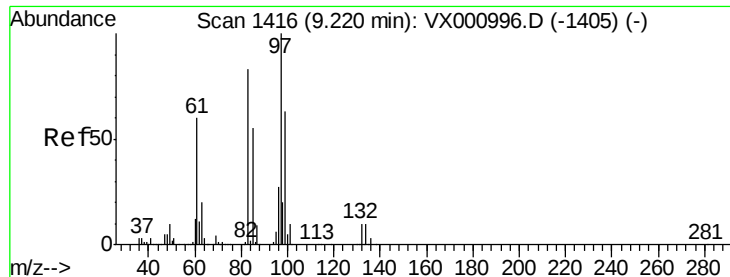
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 49.0 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 61.09 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

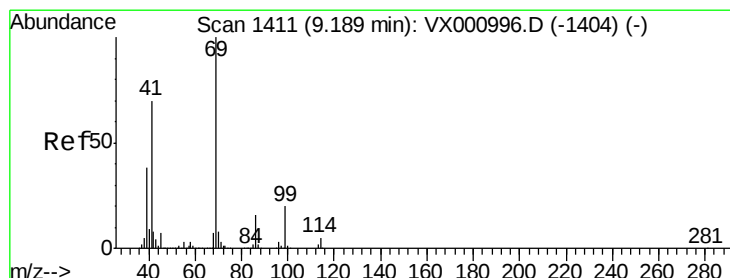
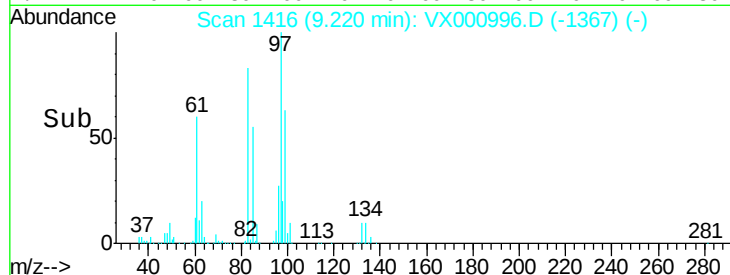
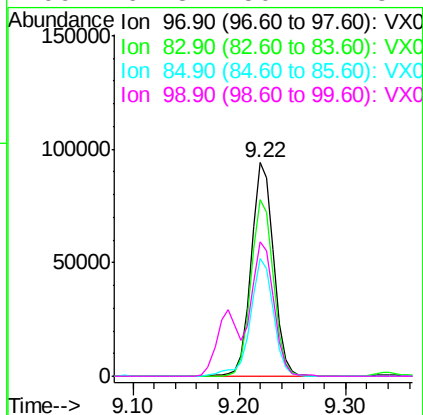
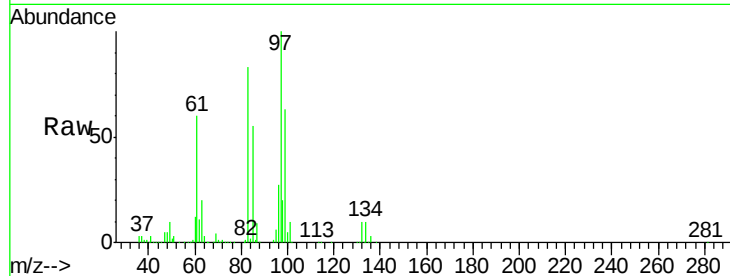
ClientSampleId :

VSTDICCC050

Tot Ion:	97	Resp:	138997
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	55.3	44.2	66.4
99	62.8	50.2	75.4

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#56

Ethyl methacrylate

Concen: 60.79 ug/l

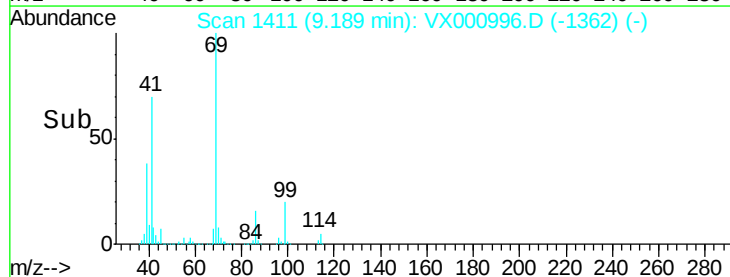
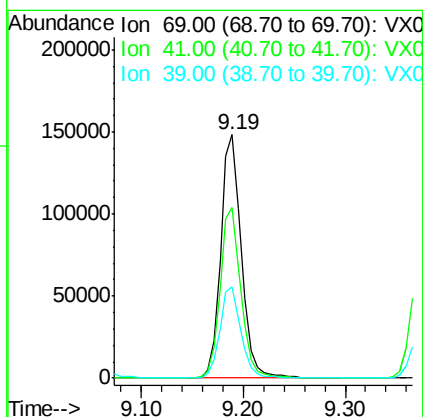
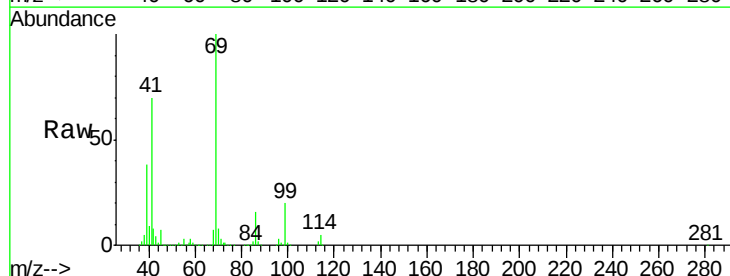
RT: 9.19 min Scan# 1411

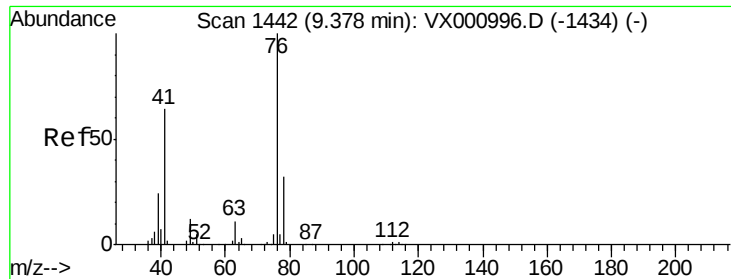
Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion:	69	Resp:	209615
Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.3	84.5
39	38.0	30.4	45.6





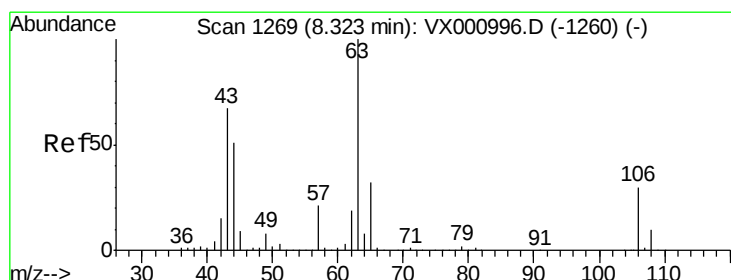
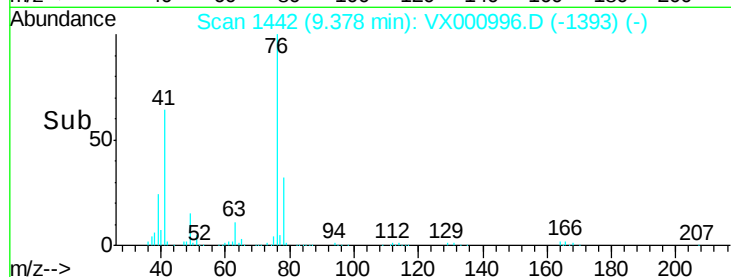
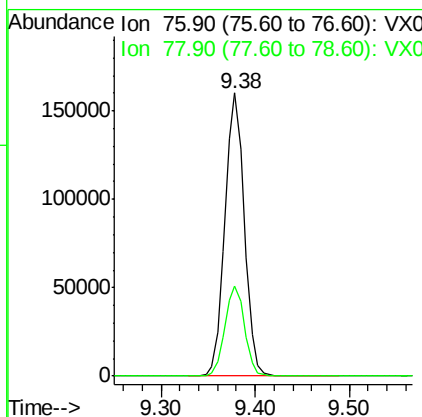
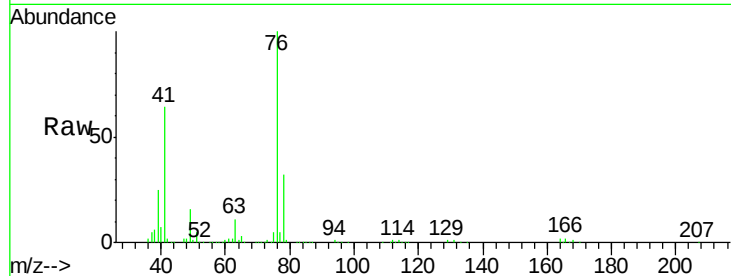
#57
 1,3-Dichloropropane
 Concen: 60.81 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 228702
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

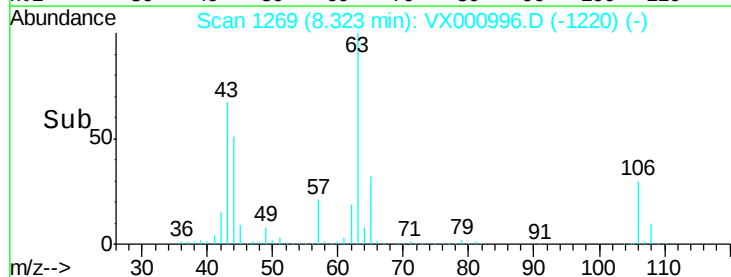
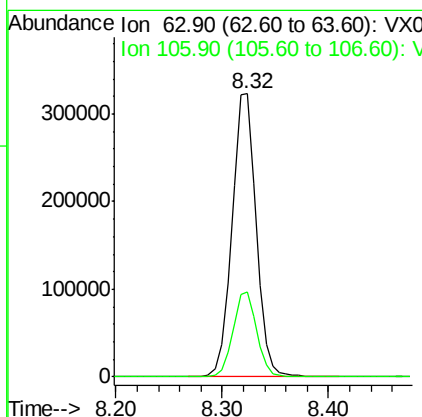
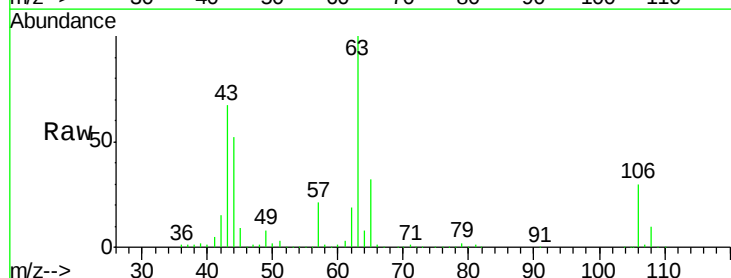
Manual Integrations
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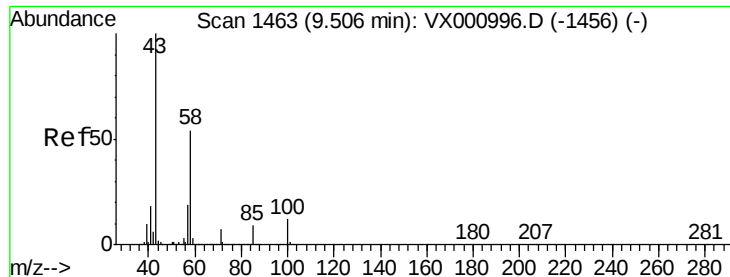
MMDadoda
 4/20/2018 2:09:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 325.79 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion: 63 Resp: 512021
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6





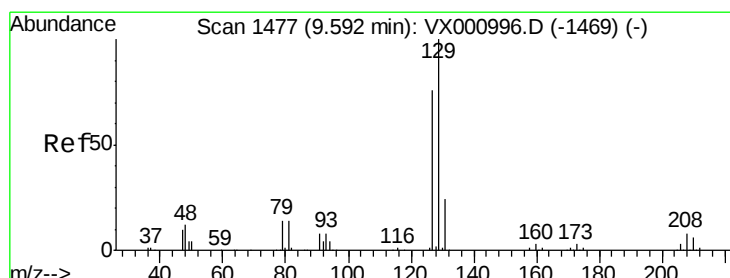
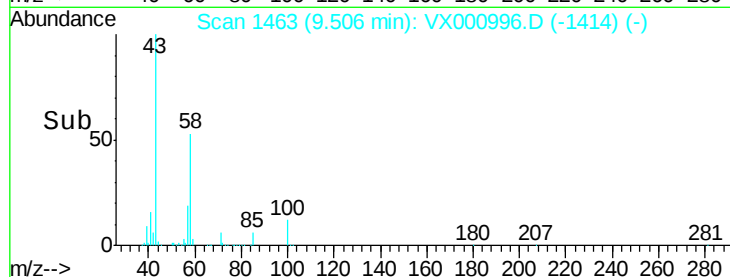
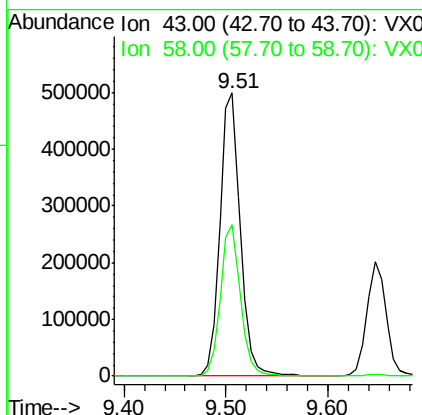
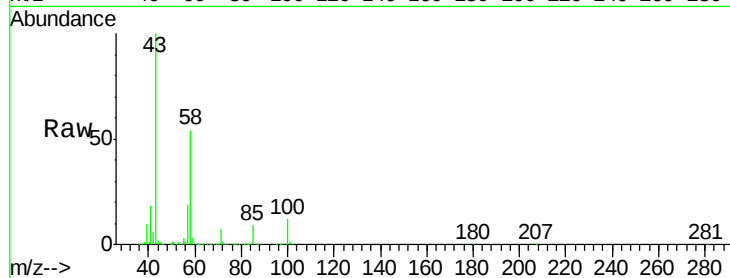
#59
2-Hexanone
Concen: 299.08 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.3	78.9

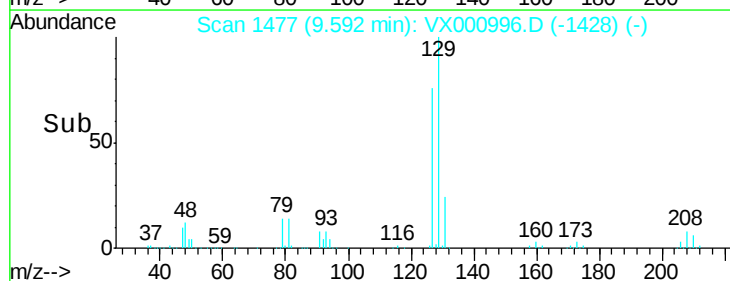
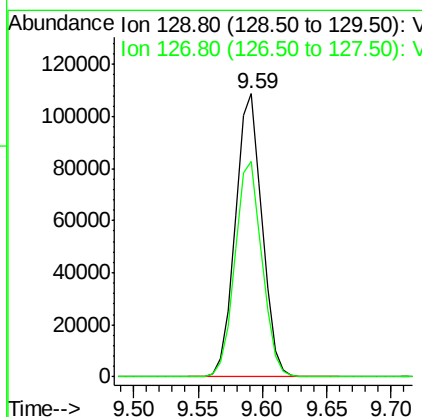
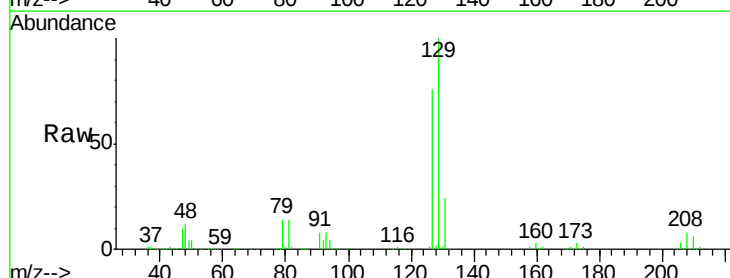
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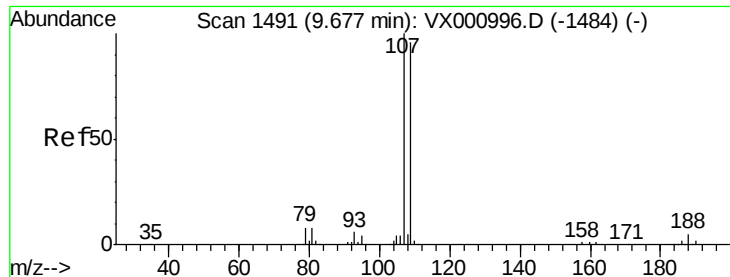
MMDadoda
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#60
Dibromochloromethane
Concen: 62.31 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	115.8





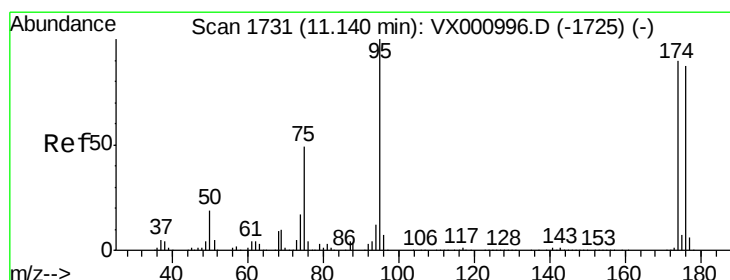
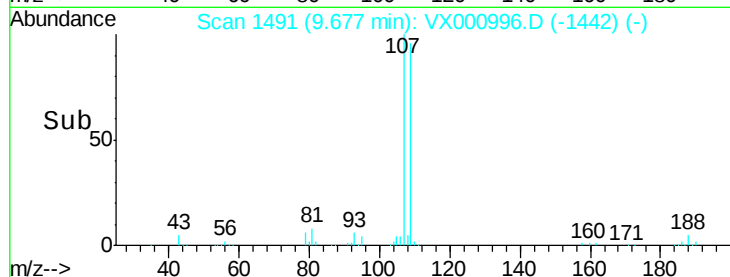
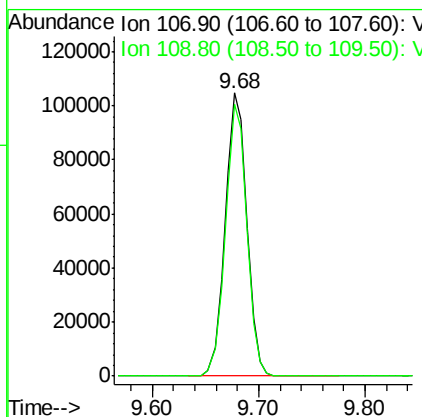
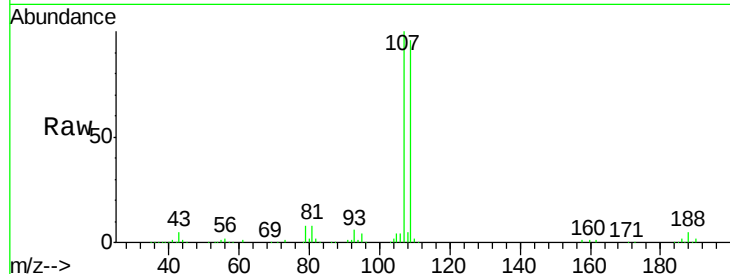
#61
 1,2-Dibromoethane
 Concen: 60.68 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	149204		
109	95.0	76.0	114.0	

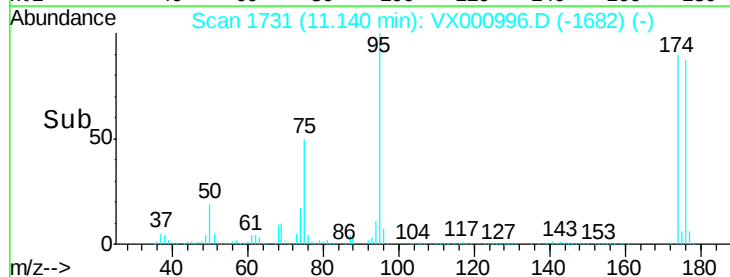
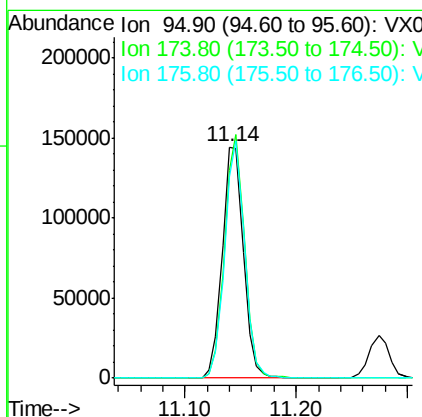
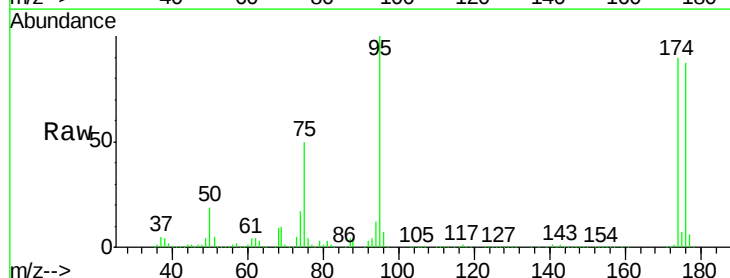
Manual Integrations
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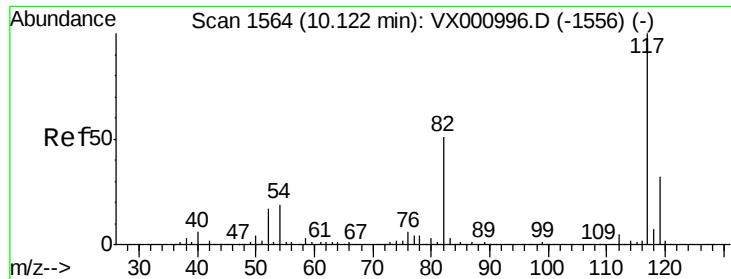
MMDadoda
 4/20/2018 2:09:31 PM



#62
 4-Bromofluorobenzene
 Concen: 54.84 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	191113		
174	99.2	0.0	198.4	
176	96.0	0.0	192.0	





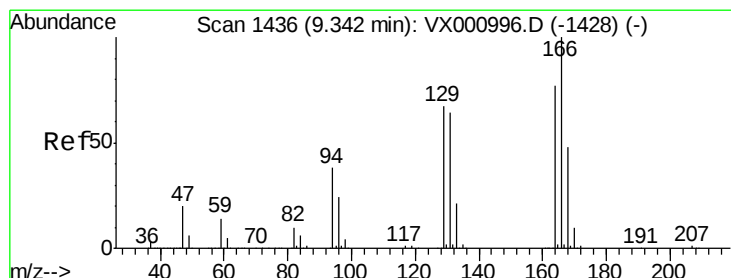
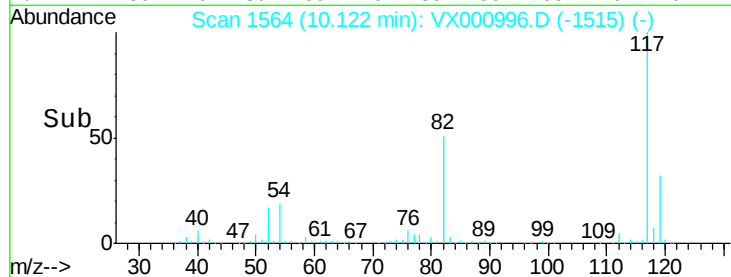
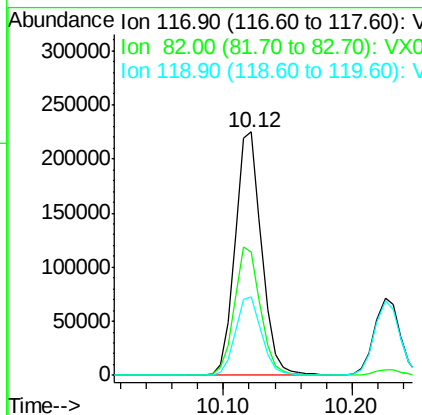
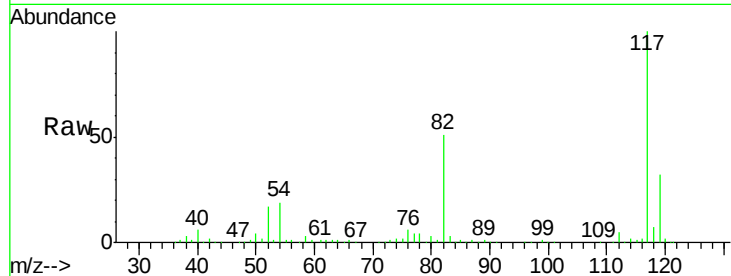
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.6	60.8
119	32.5	26.0	39.0

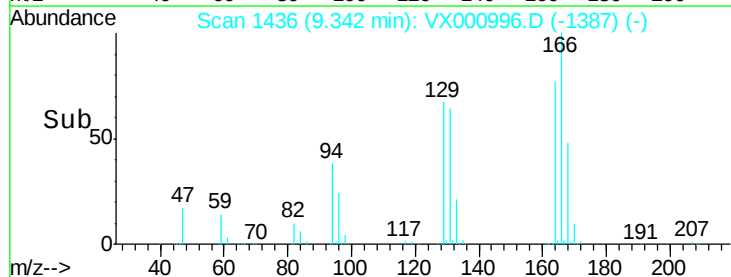
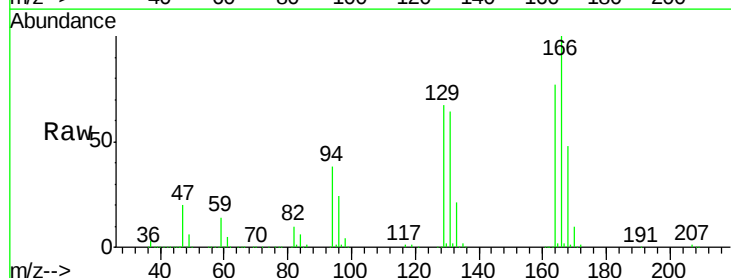
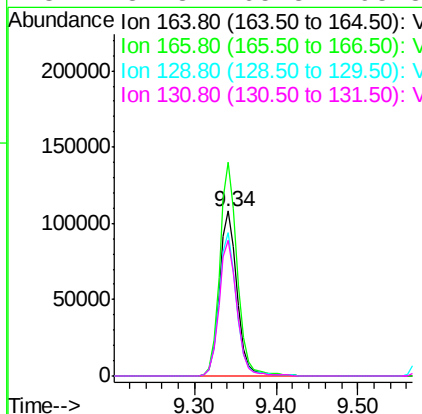
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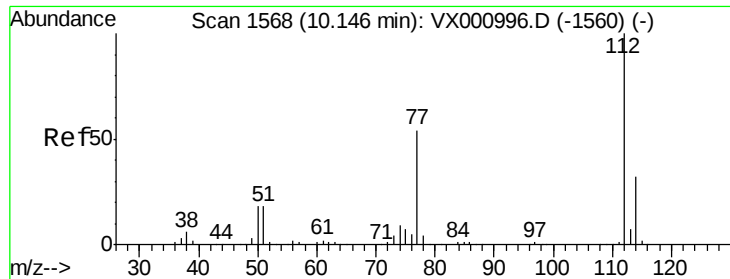
MMDadoda
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#64
Tetrachloroethene
Concen: 57.43 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	103.5	155.3
129	87.0	69.6	104.4
131	82.3	65.8	98.8





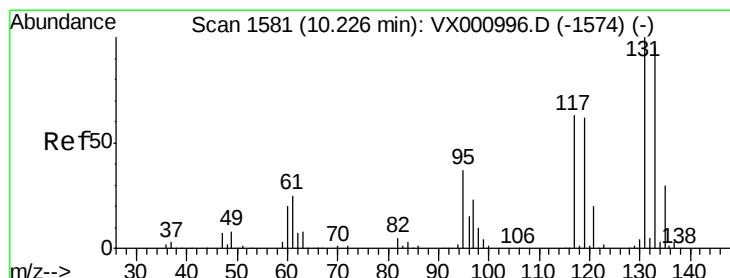
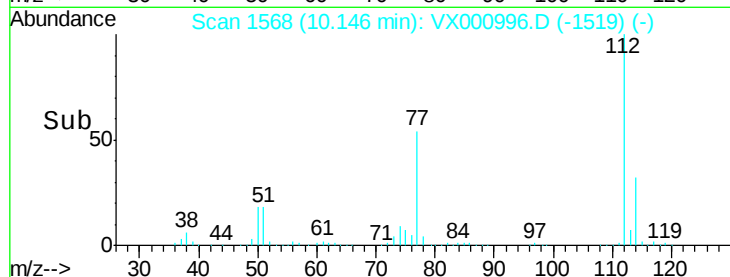
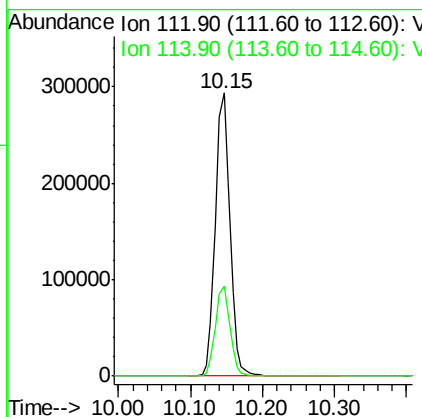
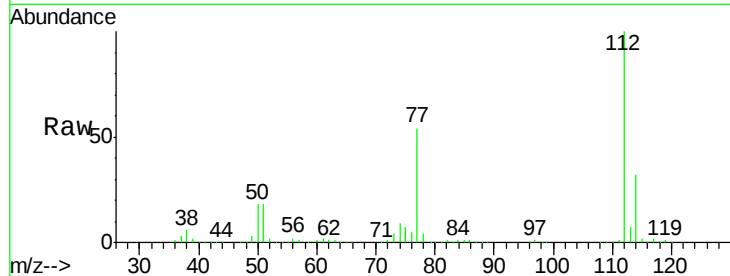
#65
Chlorobenzene
Concen: 58.74 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 413983
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

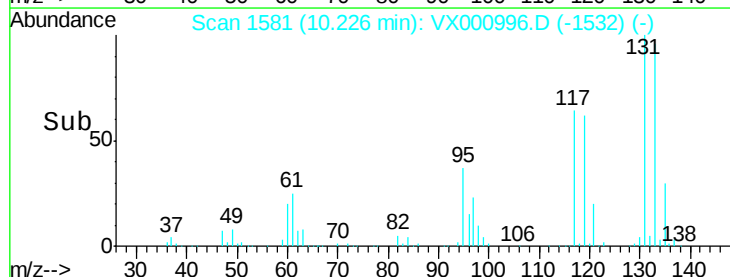
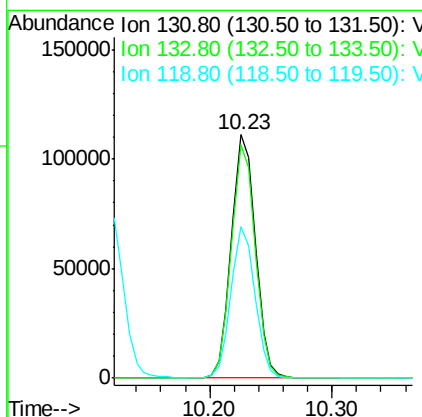
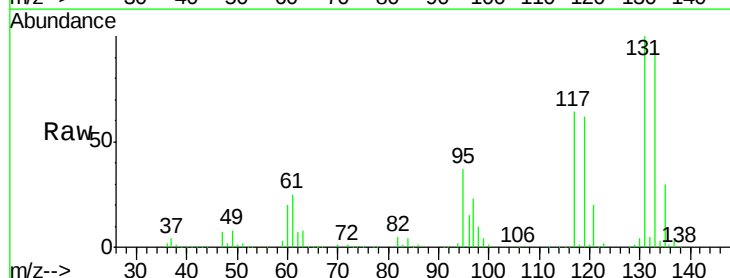
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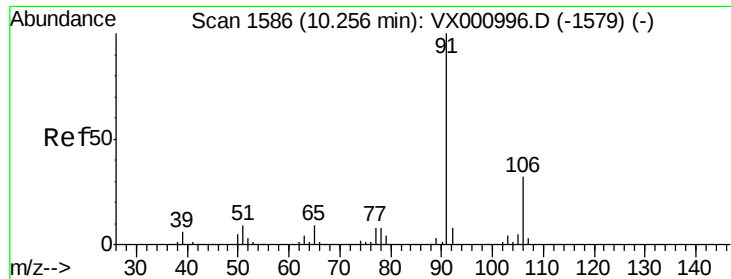
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#66
1,1,1,2-Tetrachloroethane
Concen: 61.55 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion:131 Resp: 150872
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 62.1 31.1 93.2





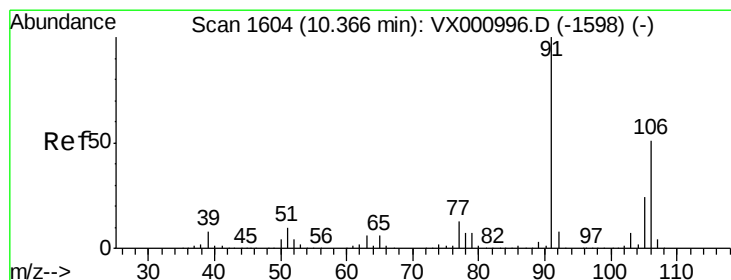
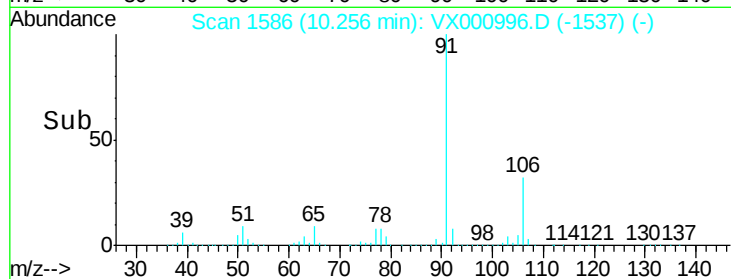
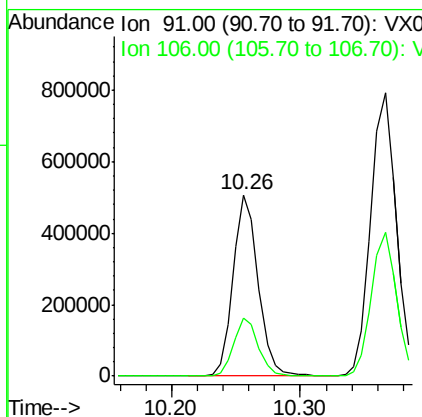
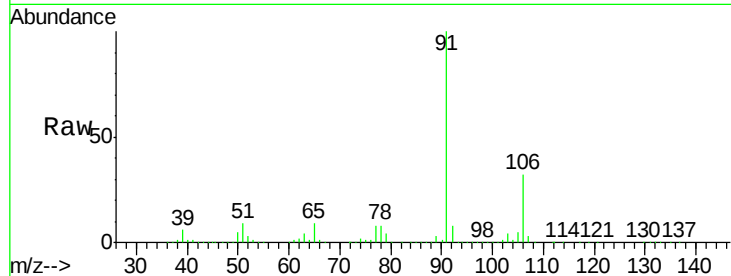
#67
Ethyl Benzene
Concen: 59.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 692516
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5

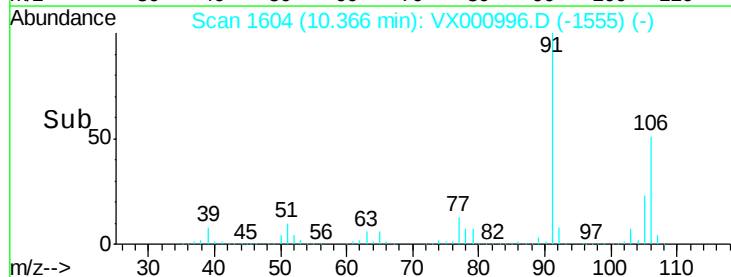
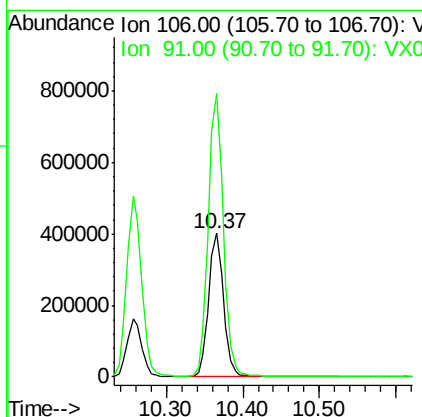
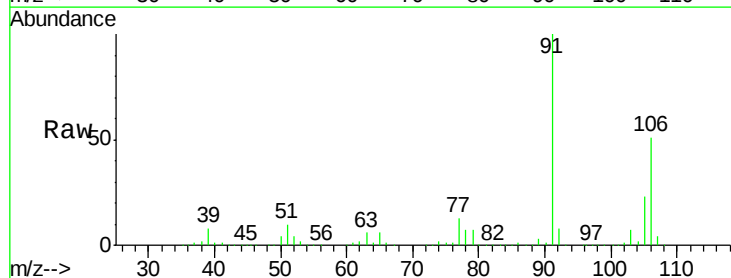
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#68
m/p-Xylenes
Concen: 120.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion: 106 Resp: 549951
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9





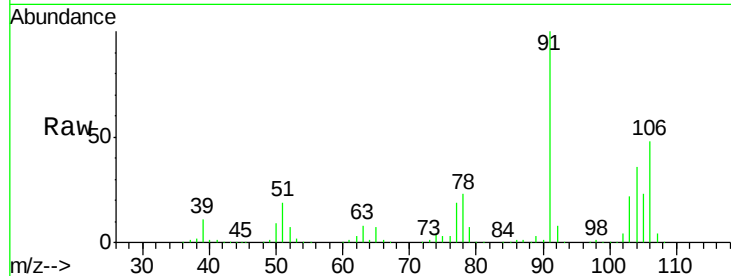
#69
o-Xylene
Concen: 59.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

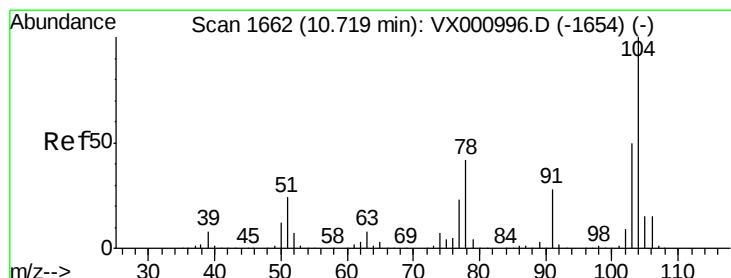
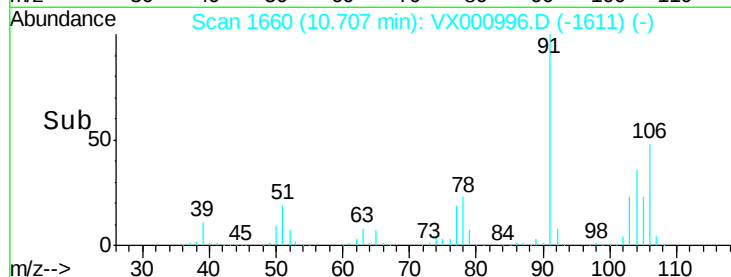
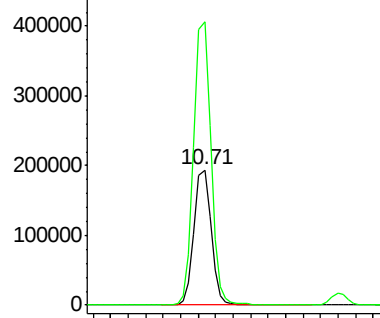
Tot Ion:106 Resp: 265285
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.1

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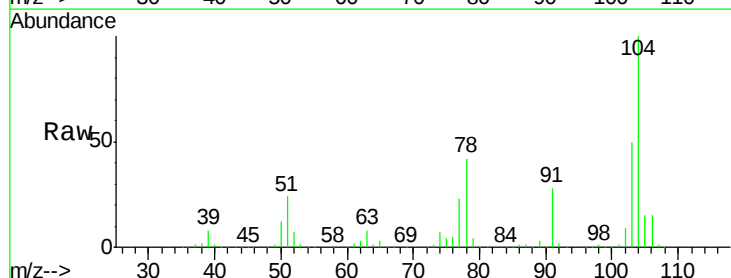


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

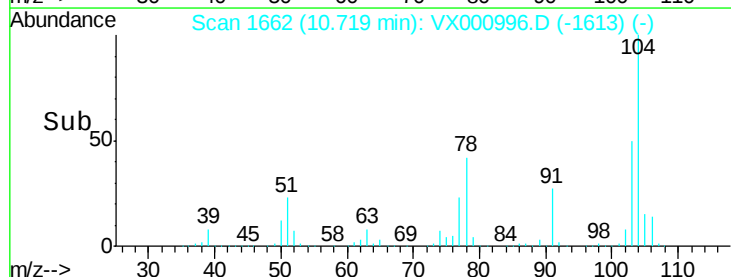
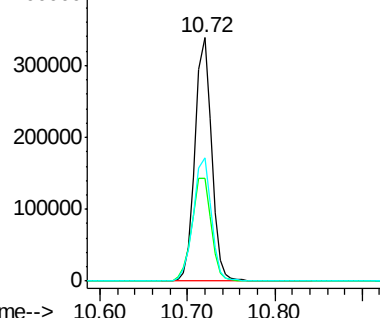


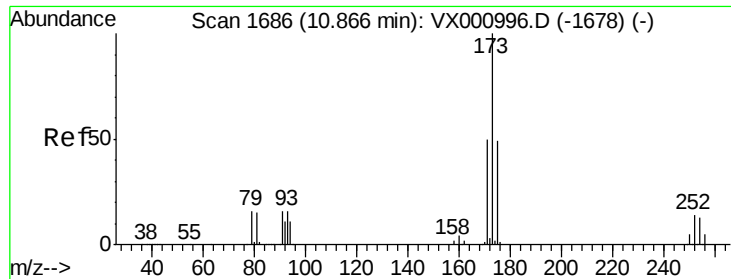
#70
Styrene
Concen: 60.29 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion:104 Resp: 444639
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 55.2 44.2 66.2



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





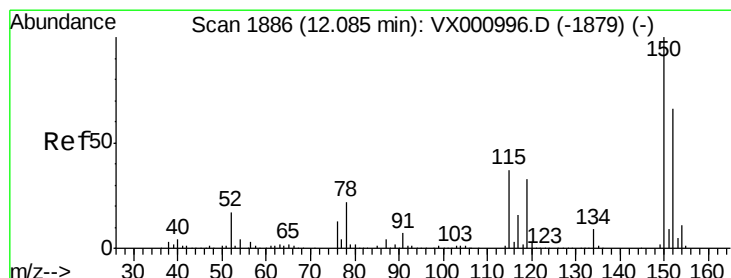
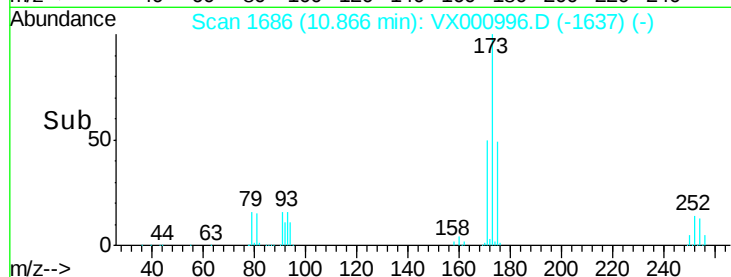
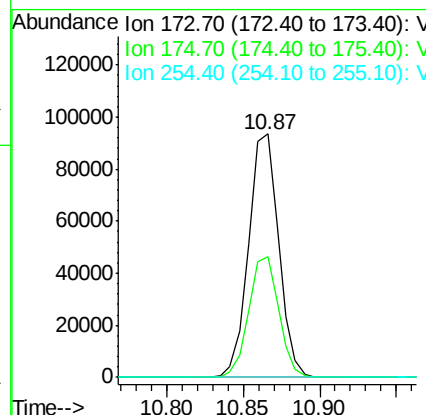
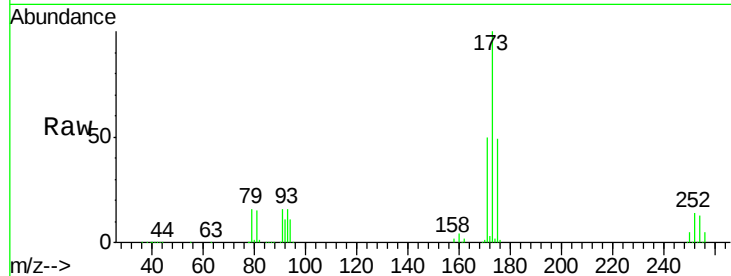
#71
Bromoform
Concen: 60.60 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.2	0.2	0.2

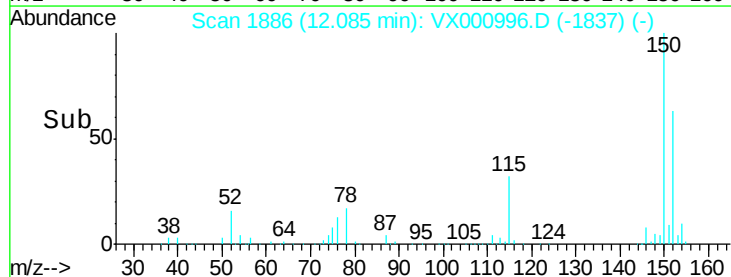
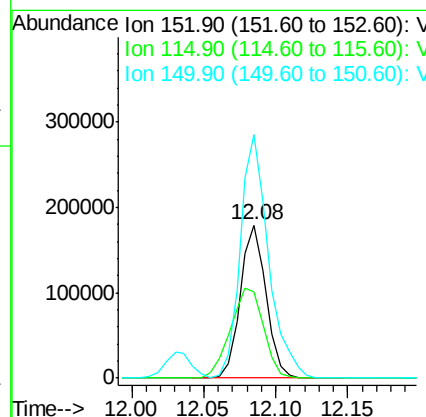
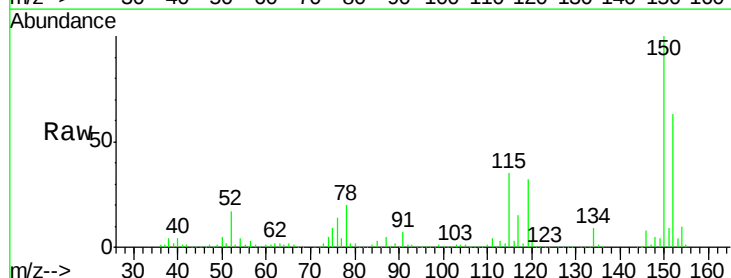
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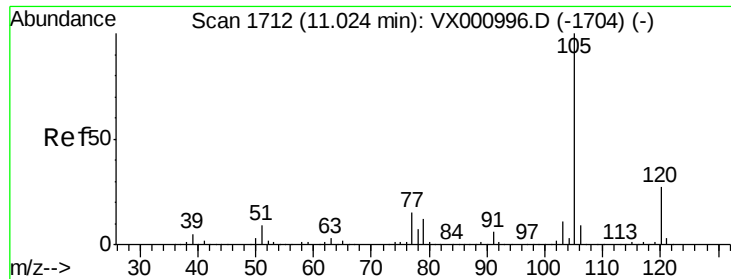
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.4	38.2	114.6
150	175.2	0.0	350.4





#73

Isopropylbenzene

Concen: 58.42 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 713916

Ion Ratio Lower Upper

105 100

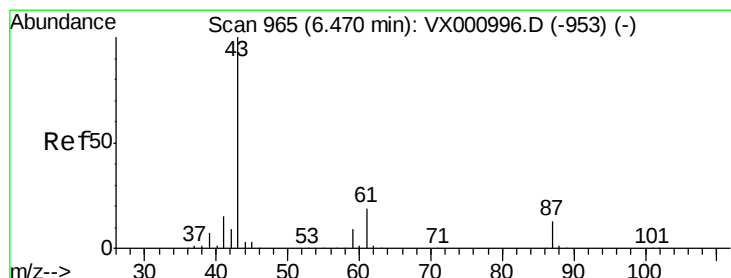
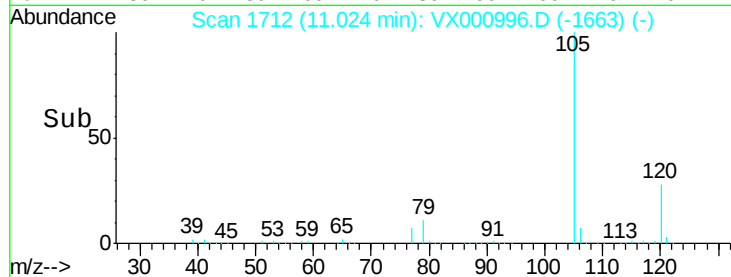
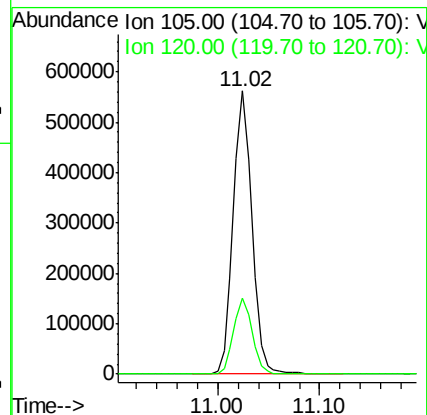
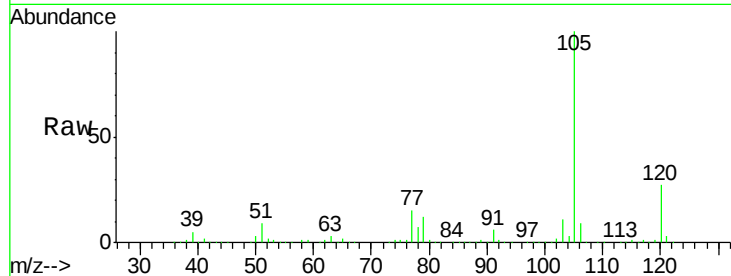
120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 59.01 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion: 43 Resp: 301070

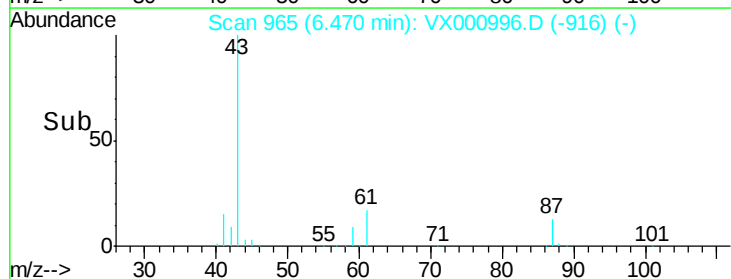
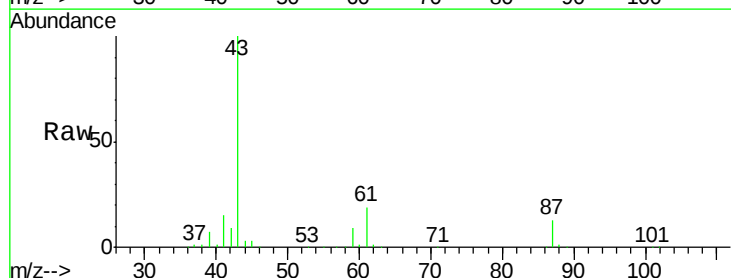
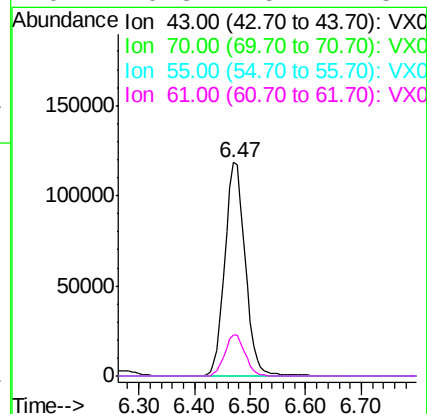
Ion Ratio Lower Upper

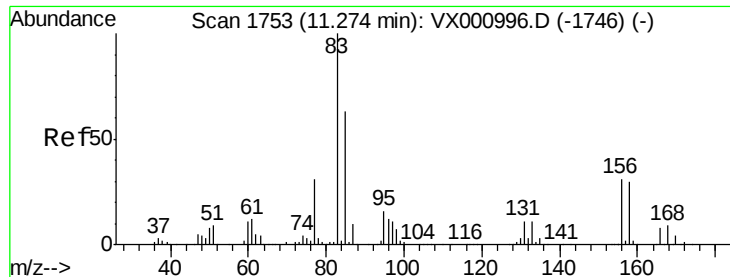
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.3 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 59.52 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 205243

Ion Ratio Lower Upper

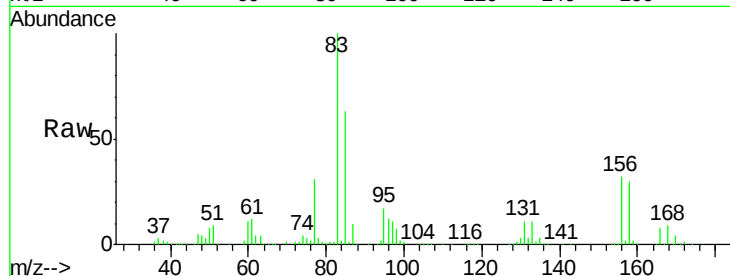
83 100

131 11.6 5.8 17.4

85 64.1 32.0 96.2

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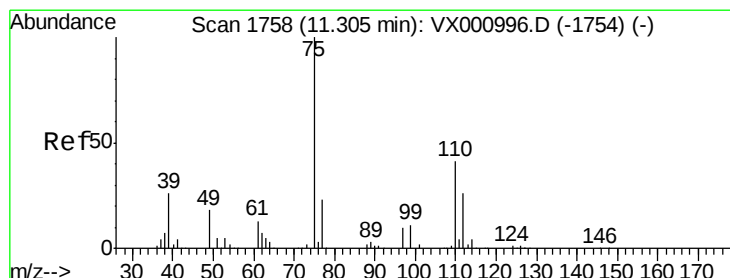
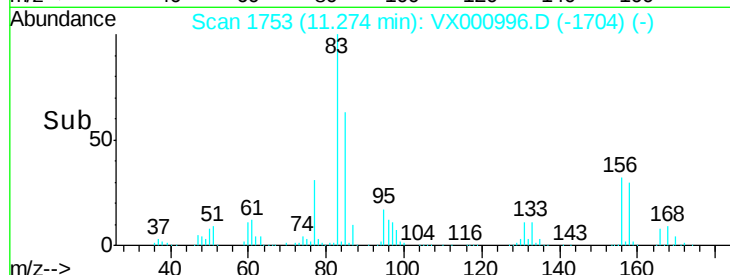
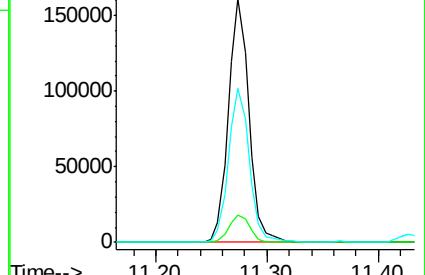
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.02 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000996.D

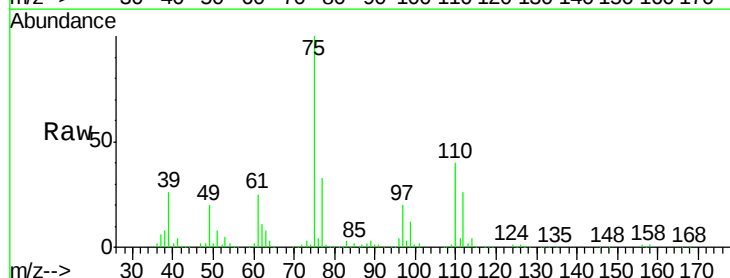
Acq: 19 Apr 2018 18:29

Tgt Ion: 75 Resp: 189911

Ion Ratio Lower Upper

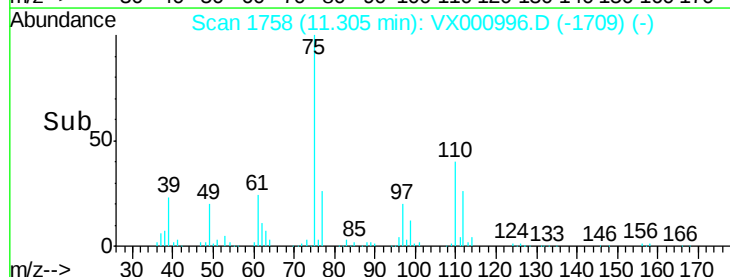
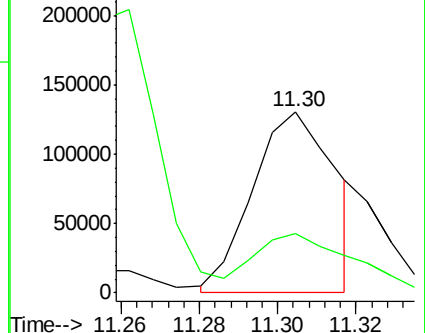
75 100

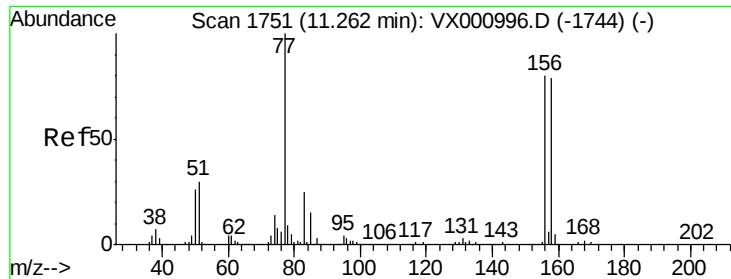
77 39.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 57.76 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 206508

Ion Ratio Lower Upper

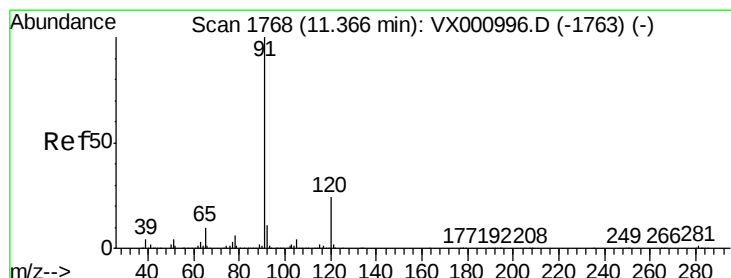
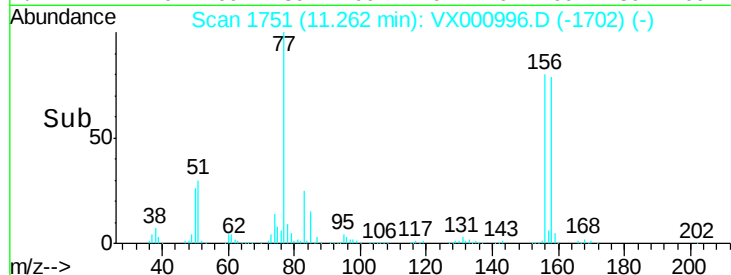
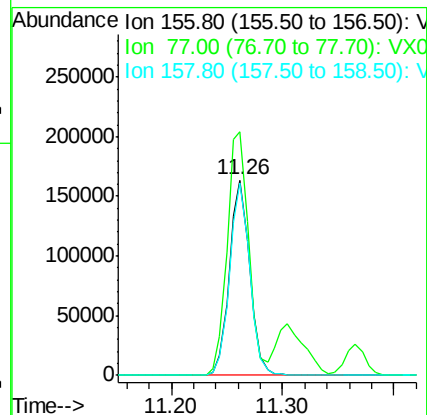
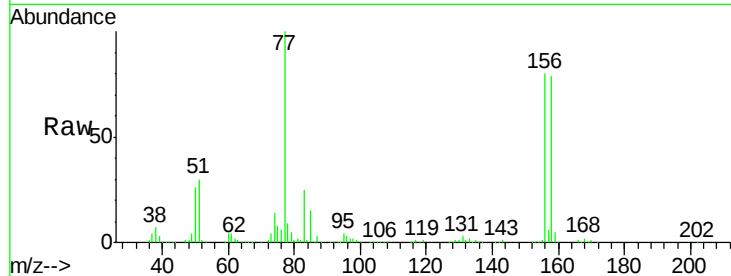
156 100

77 132.7 66.3 199.0

158 97.7 48.9 146.6

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#78

n-propylbenzene

Concen: 57.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000996.D

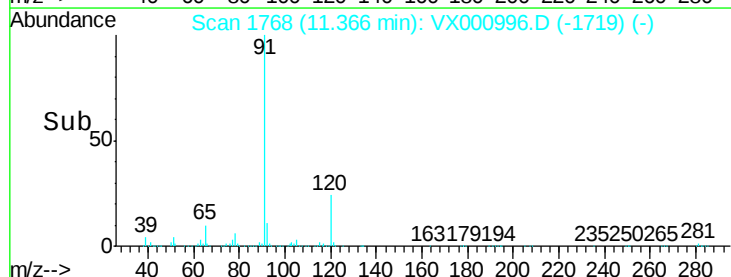
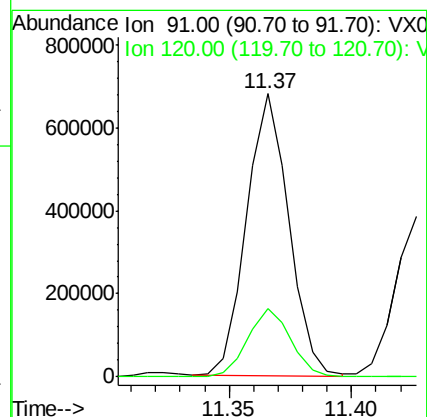
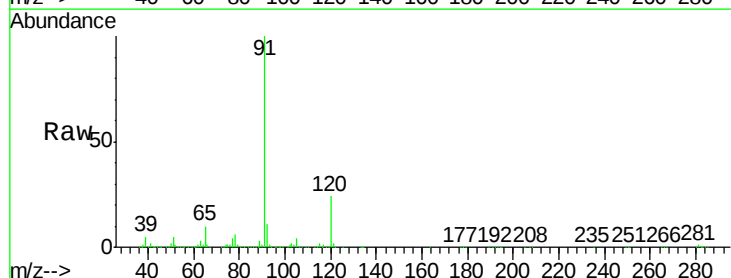
Acq: 19 Apr 2018 18:29

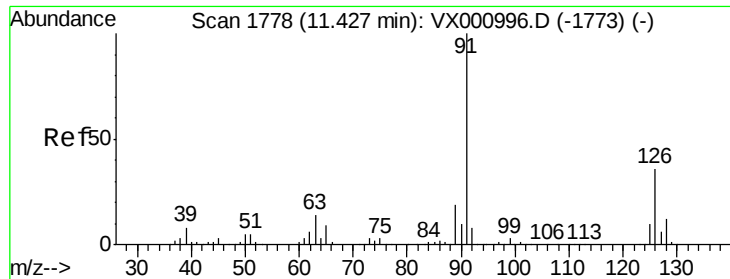
Tgt Ion: 91 Resp: 814682

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.0





#79

2-Chlorotoluene

Concen: 57.47 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 480565

Ion Ratio Lower Upper

91 100

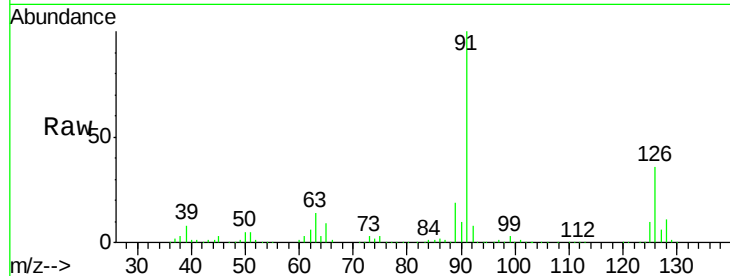
126 36.6 18.3 54.9

Manual Integrations

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

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

800000

600000

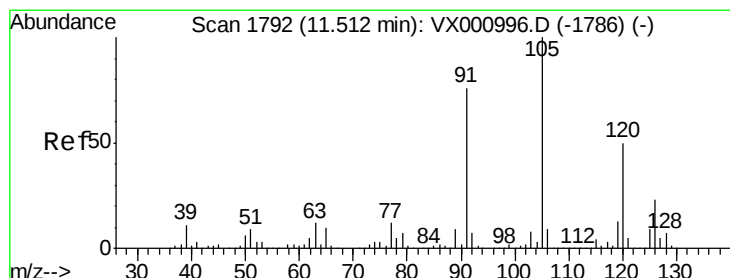
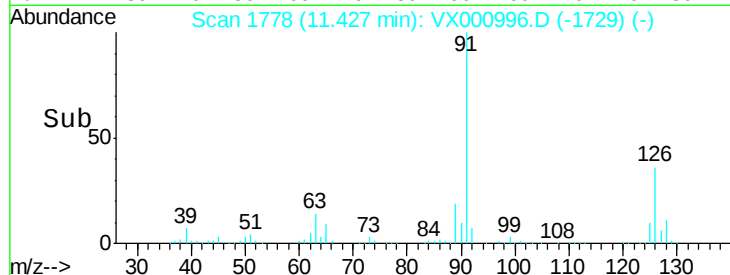
400000

200000

0

11.40 11.43 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 58.70 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000996.D

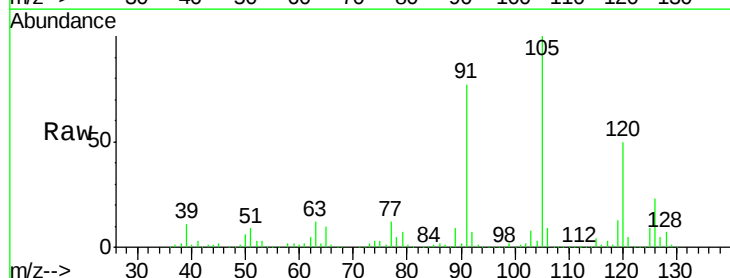
Acq: 19 Apr 2018 18:29

Tgt Ion:105 Resp: 609256

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0



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

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

600000

500000

400000

300000

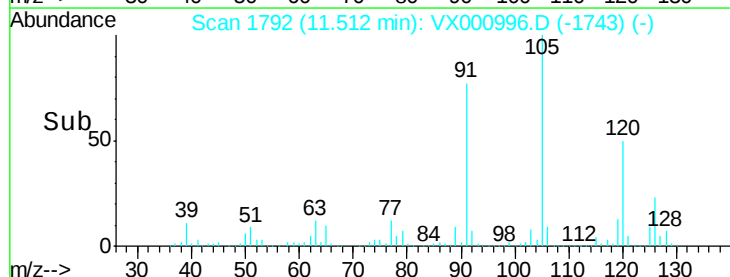
200000

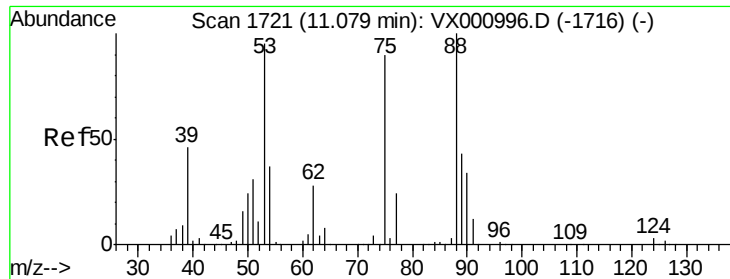
100000

0

11.50 11.51 11.60

Time-->





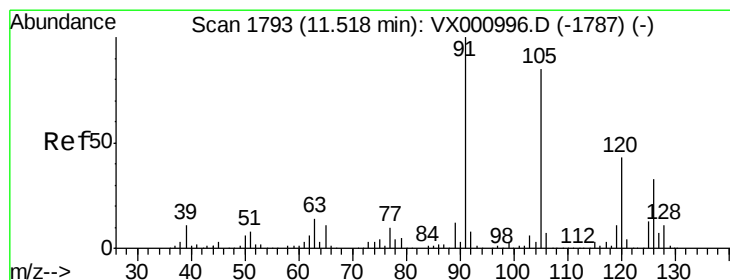
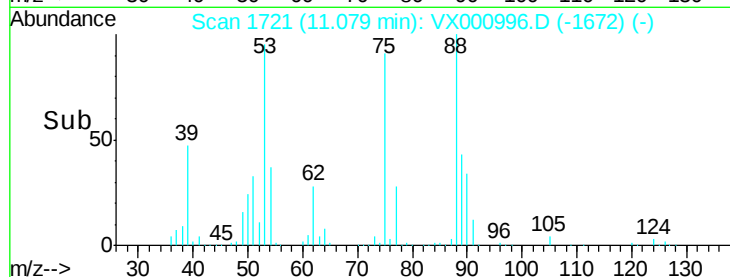
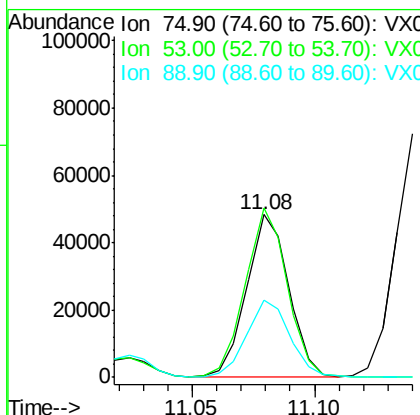
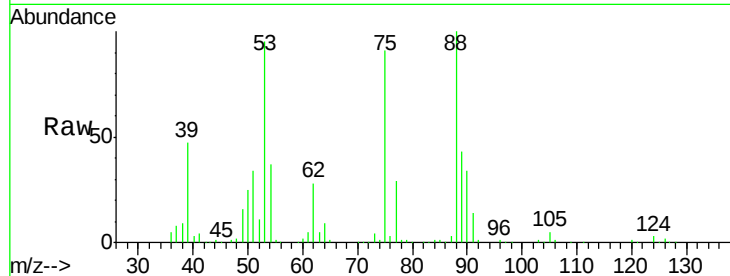
#81
trans-1,4-Dichloro-2-butene
Concen: 59.53 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.4	125.2
89	49.6	39.7	59.5

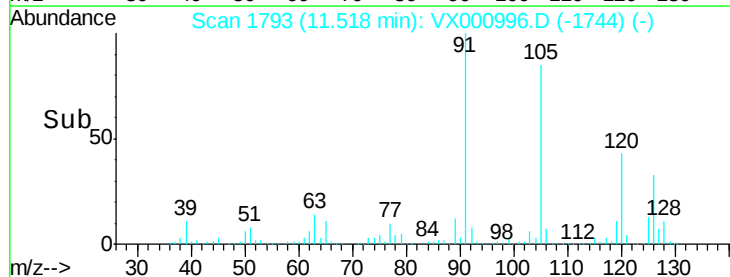
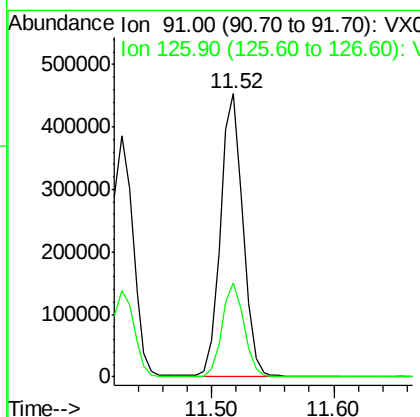
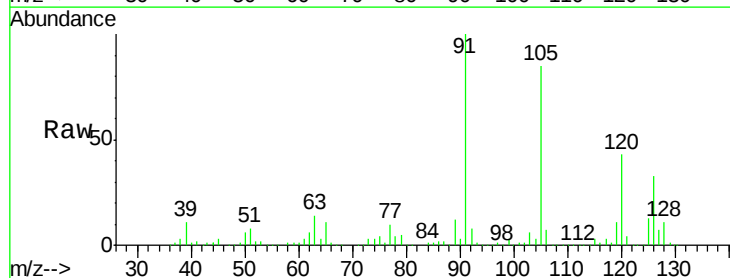
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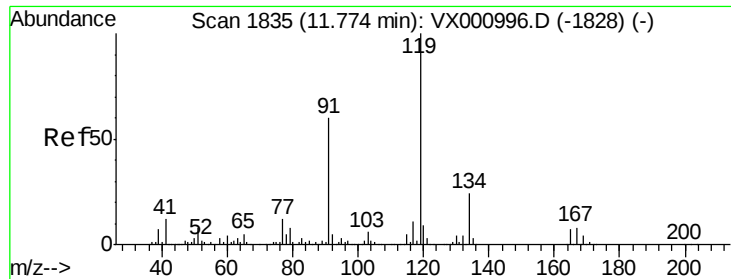
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#82
4-Chlorotoluene
Concen: 57.39 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.5





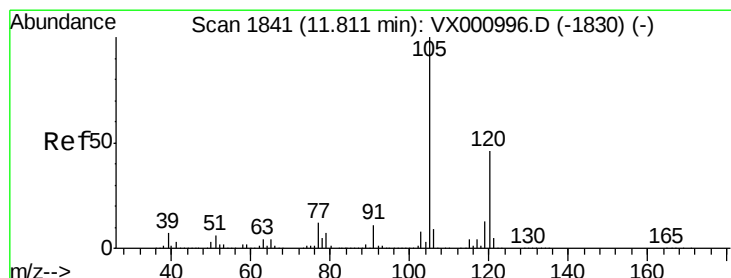
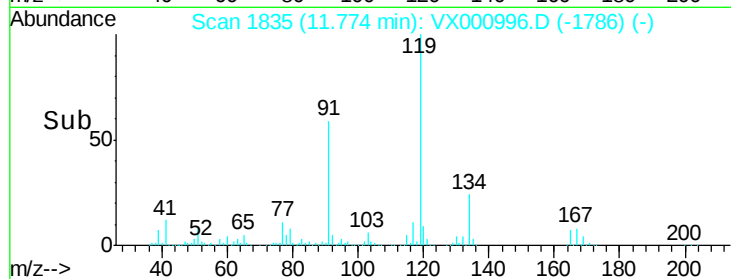
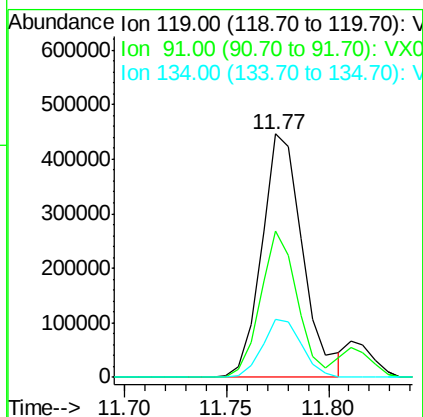
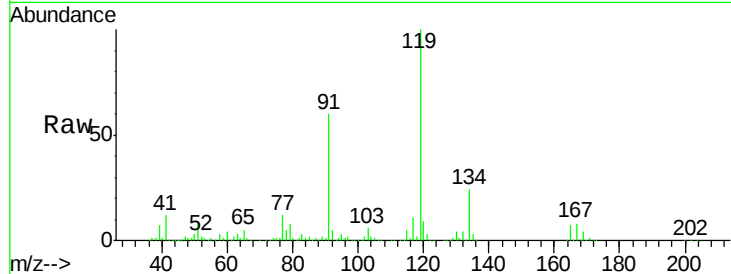
#83
tert-Butylbenzene
Concen: 58.29 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	27.0	81.0
134	23.1	11.6	34.7

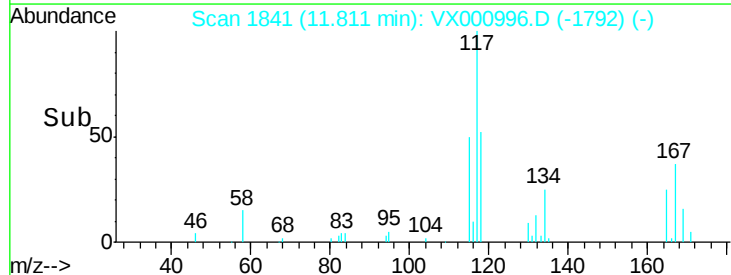
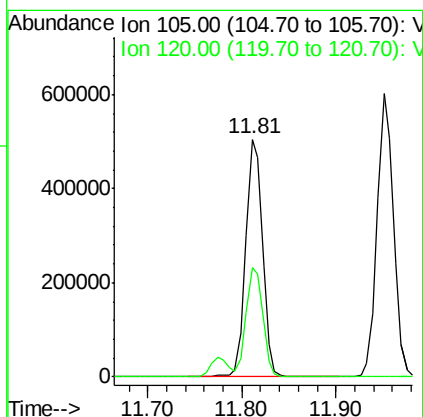
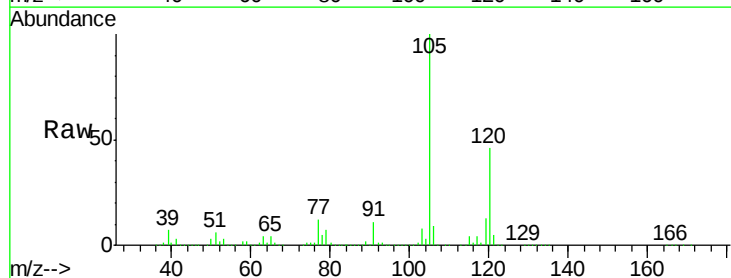
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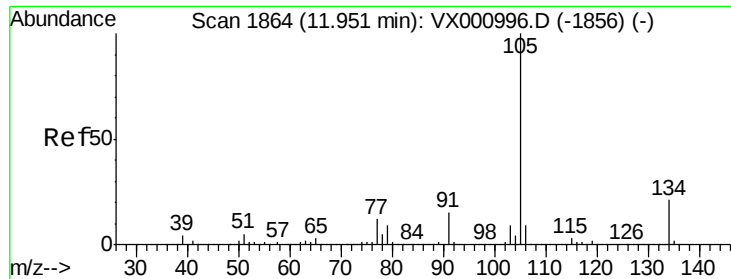
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#84
1,2,4-Trimethylbenzene
Concen: 59.30 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





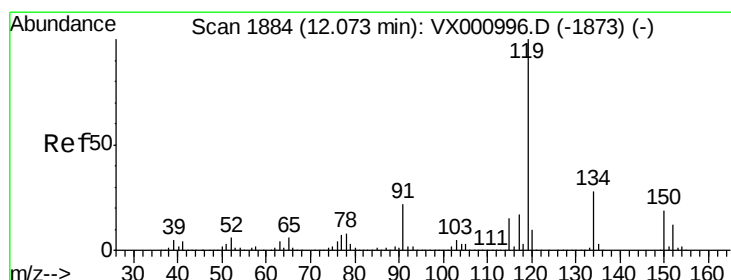
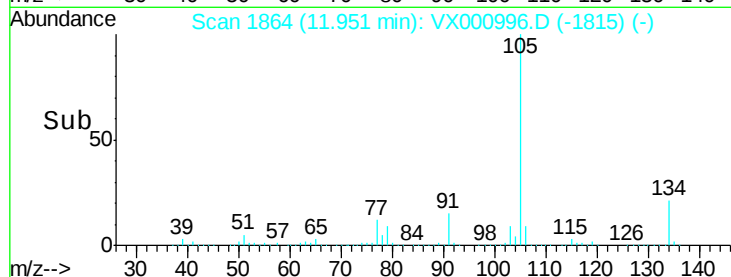
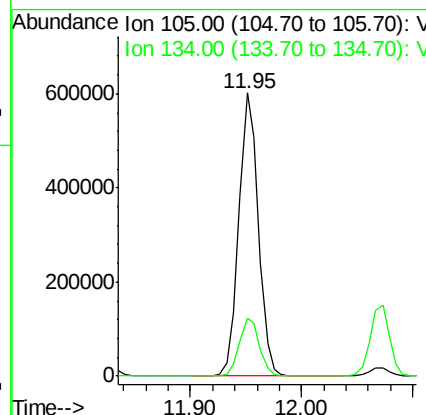
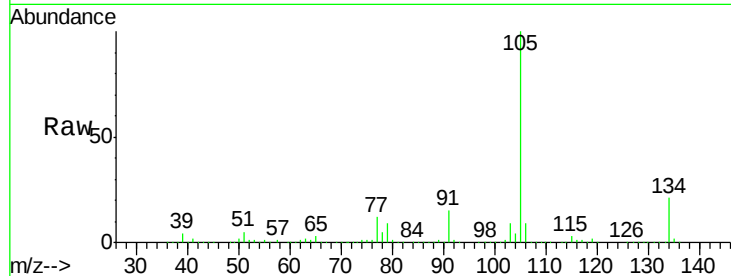
#85
 sec-Butylbenzene
 Concen: 56.87 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 728507
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6

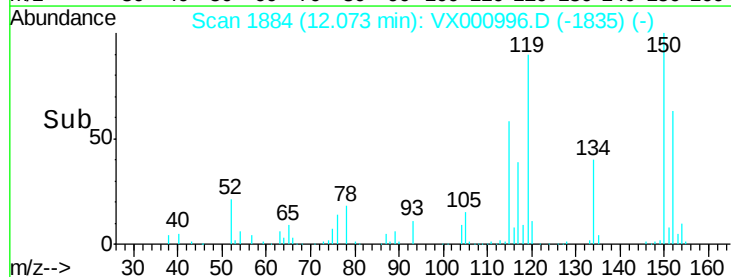
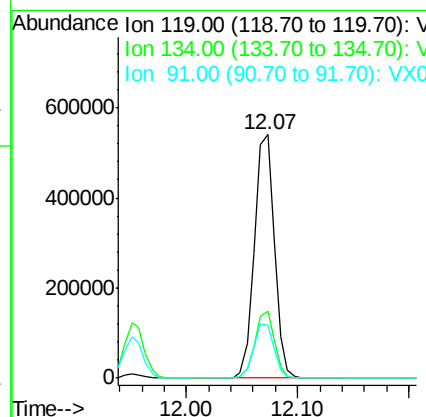
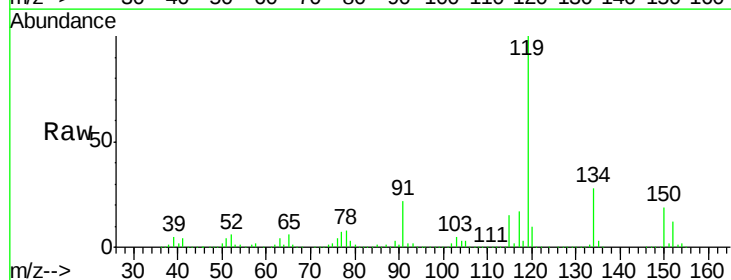
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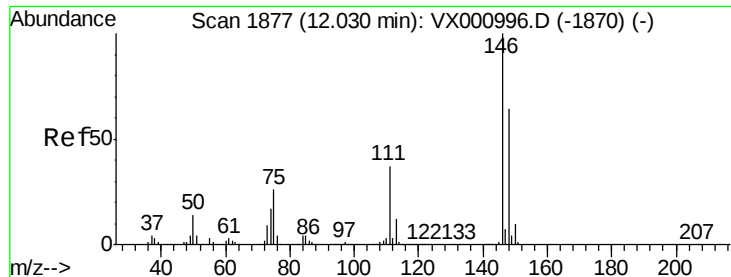
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#86
 p-Isopropyltoluene
 Concen: 57.23 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion:119 Resp: 675875
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 57.02 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

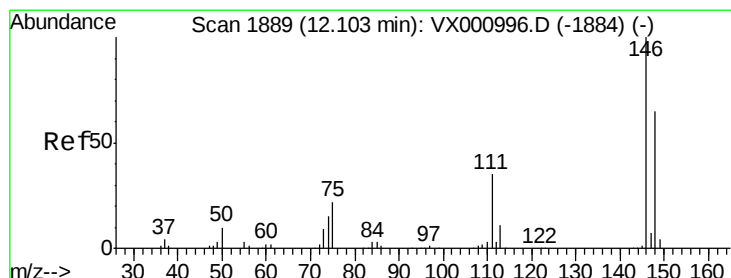
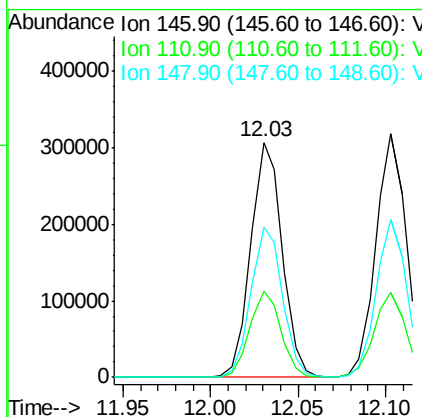
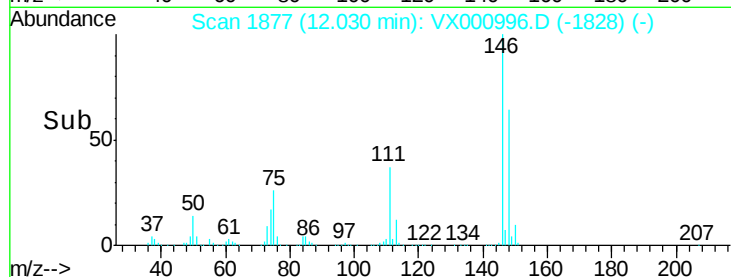
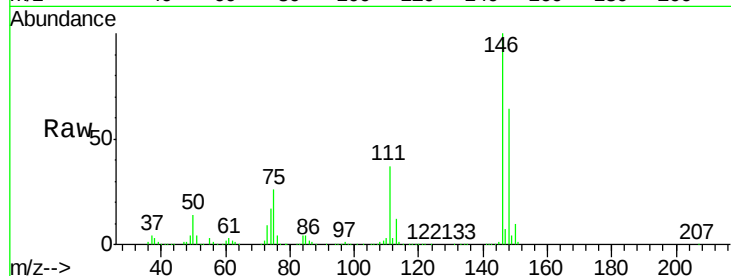
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.8
148	64.4	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 56.77 ug/l

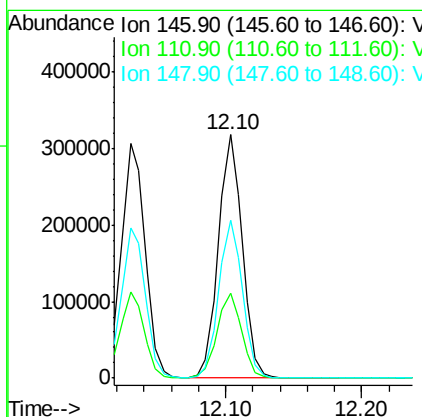
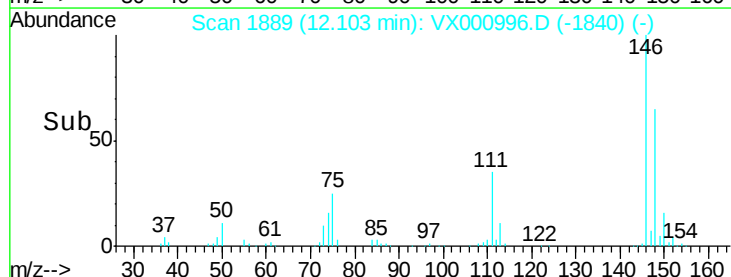
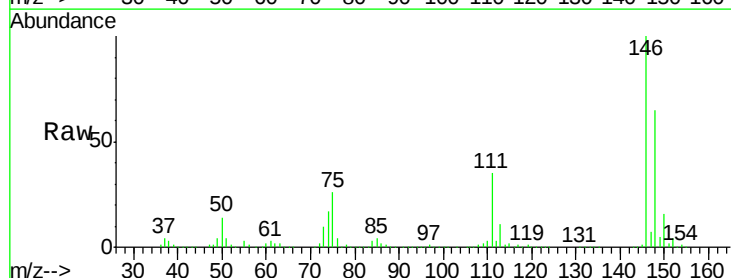
RT: 12.10 min Scan# 1889

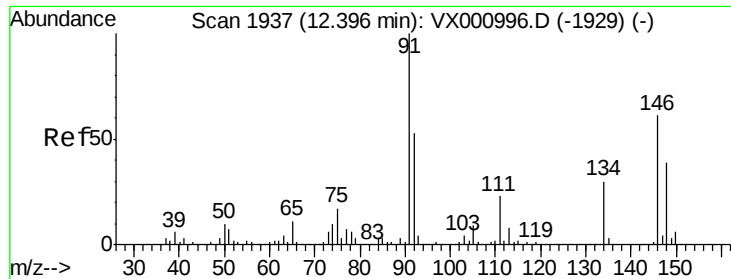
Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.0	54.0
148	64.7	32.4	97.0





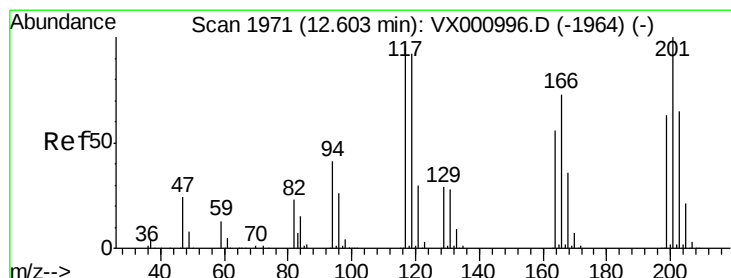
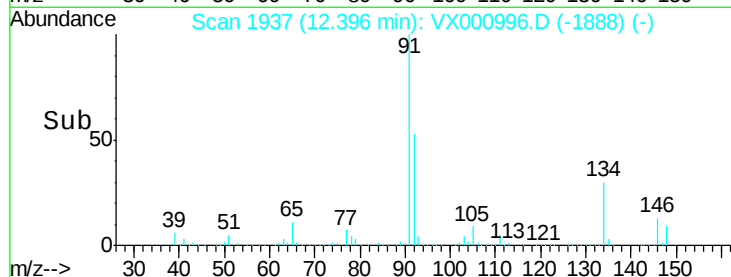
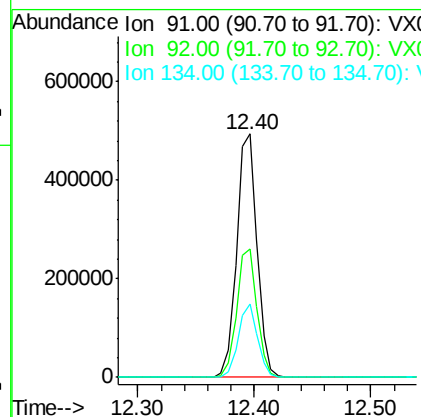
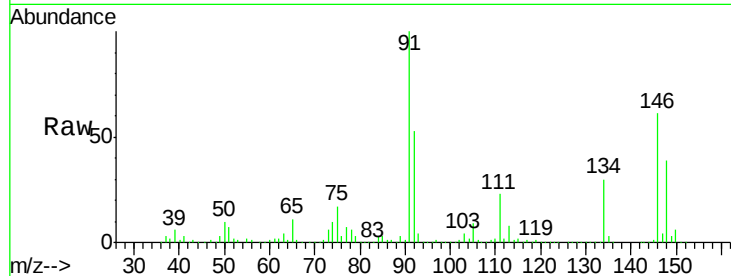
#89
n-Butylbenzene
Concen: 56.10 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	28.7	14.4	43.0

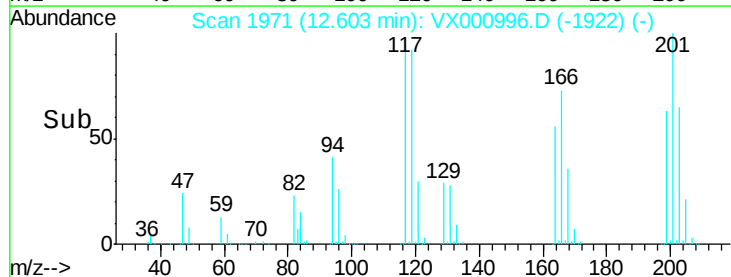
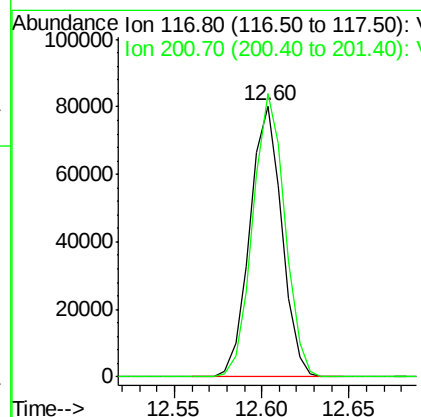
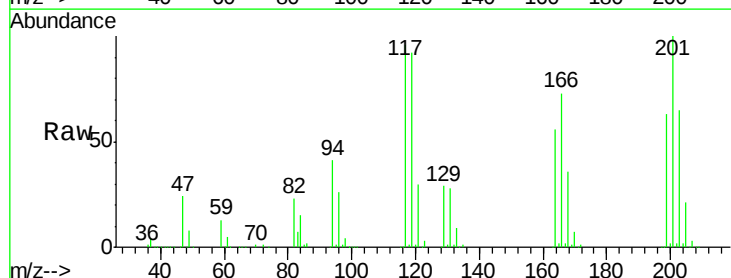
Manual Integrations
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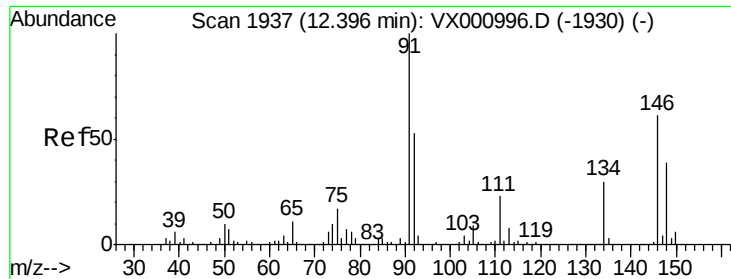
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#90
Hexachloroethane
Concen: 59.61 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000996.D
Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.7	52.3	157.1





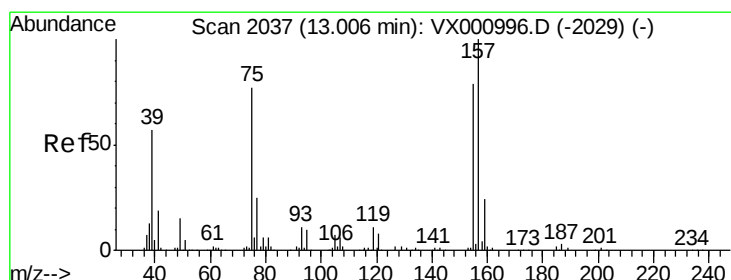
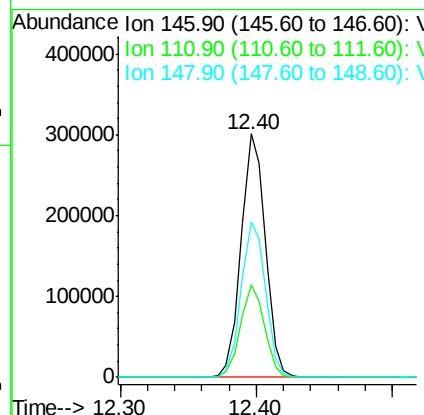
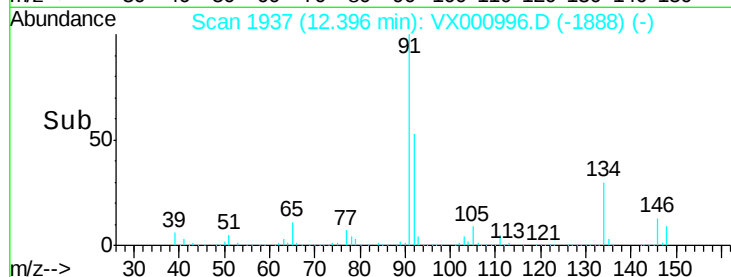
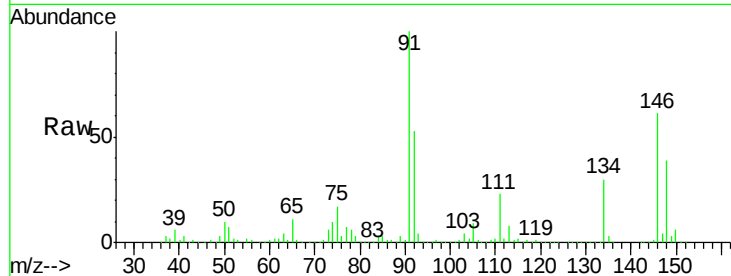
#91
 1,2-Dichlorobenzene
 Concen: 57.71 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	64.5	32.3	96.8

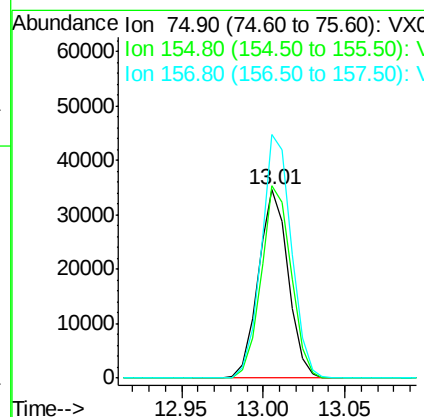
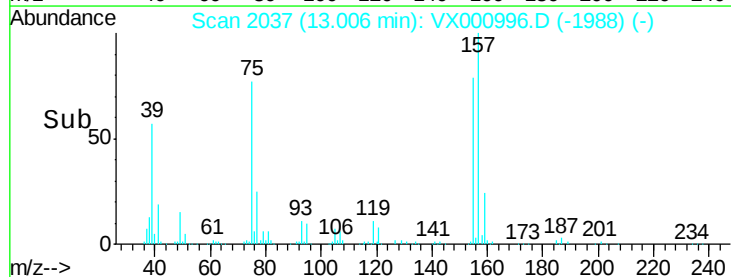
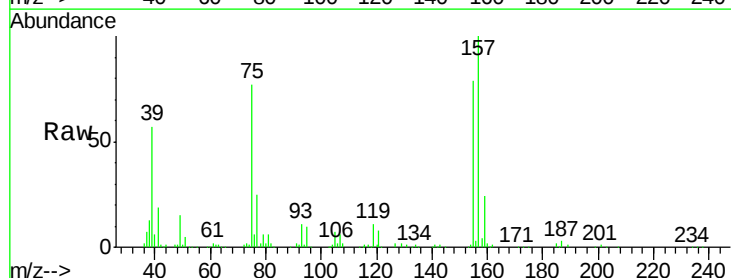
Manual Integrations
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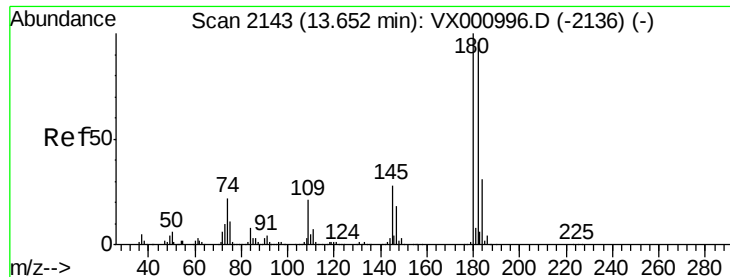
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	51.0	153.0
157	129.8	64.9	194.7





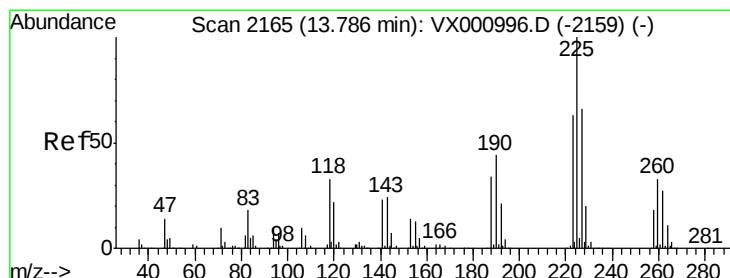
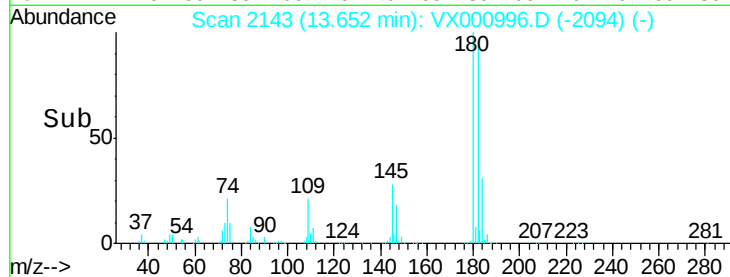
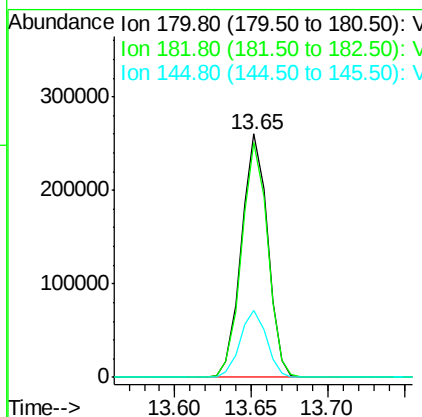
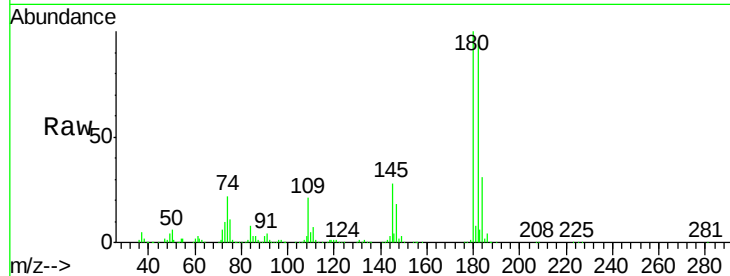
#93
 1,2,4-Trichlorobenzene
 Concen: 54.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	309487		
182	96.0	48.0	144.0	
145	27.8	13.9	41.7	

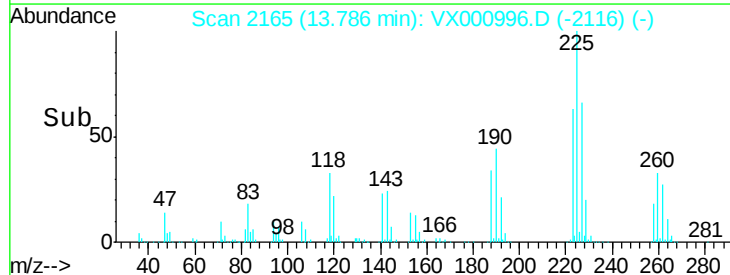
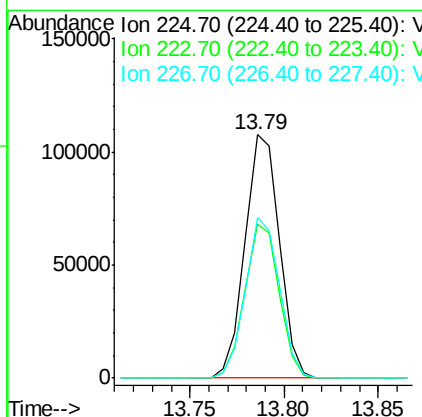
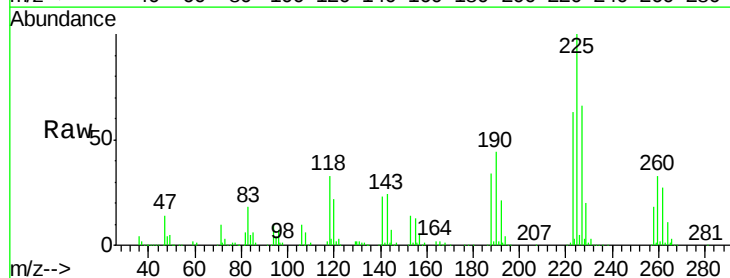
Manual Integrations
 APPROVED

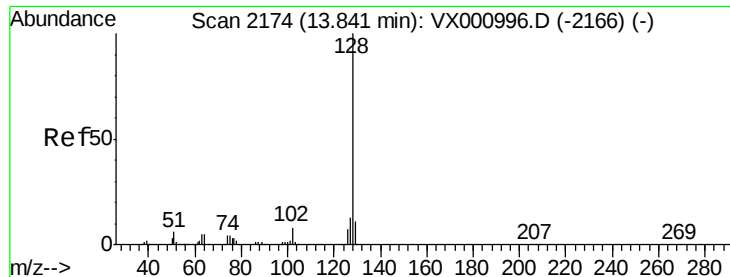
MMDadoda
 4/20/2018 2:09:31 PM



#94
 Hexachlorobutadiene
 Concen: 53.70 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000996.D
 Acq: 19 Apr 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136790		
223	63.0	31.5	94.5	
227	65.2	32.6	97.8	





#95

Naphthalene

Concen: 58.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Instrument :

MSVOA_X

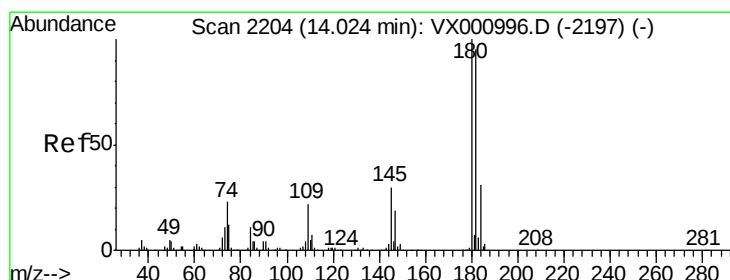
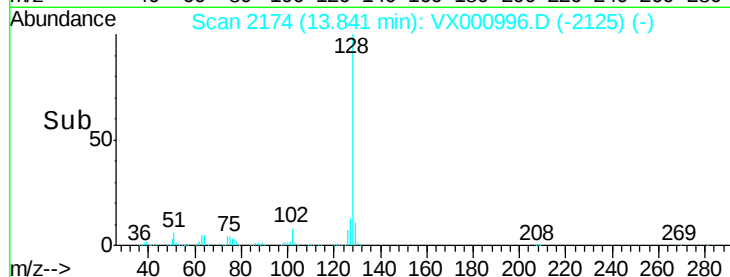
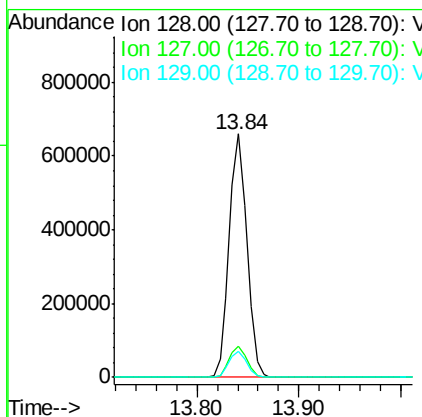
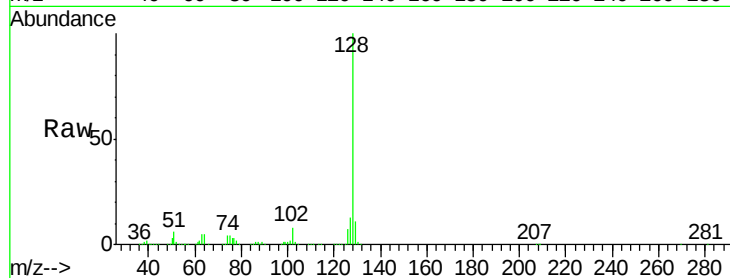
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	791307
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/20/2018 2:09:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 56.21 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX000996.D

Acq: 19 Apr 2018 18:29

Tgt Ion:	180	Resp:	300312
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.7
145	29.1	14.5	43.6

