

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002857.D
 Acq On : 25 Jun 2018 11:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 12:00:09 PM

Quant Time: Jun 25 12:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	20178	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
35) Dibromofluoromethane	5.51	113	15431	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
50) Toluene-d8	8.72	98	54364	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
62) 4-Bromofluorobenzene	11.14	95	19656	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	15577	5.57	ug/l	95
3) Chloromethane	1.32	50	14836	4.46	ug/l	92
4) Vinyl Chloride	1.41	62	16721	4.84	ug/l	# 84
5) Bromomethane	1.64	94	9696	4.65	ug/l	97
6) Chloroethane	1.71	64	10786	4.74	ug/l	98
7) Trichlorofluoromethane	1.93	101	26537	4.73	ug/l	96
8) Diethyl Ether	2.19	74	9441	4.42	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15442	4.92	ug/l	98
10) Methyl Iodide	2.51	142	11380	2.95	ug/l	99
11) Tert butyl alcohol	3.08	59	18390	22.21	ug/l	95
12) 1,1-Dichloroethene	2.37	96	13376	4.54	ug/l	97
13) Acrolein	2.29	56	13936	33.20	ug/l	94
14) Allyl chloride	2.73	41	26262	4.49	ug/l	99
15) Acrylonitrile	3.15	53	39366	21.79	ug/l	99
16) Acetone	2.45	43	38462	21.77	ug/l	98
17) Carbon Disulfide	2.57	76	36377	5.21	ug/l	99
18) Methyl Acetate	2.78	43	19564	4.16	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	48071	4.35	ug/l	98
20) Methylene Chloride	2.86	84	15534	4.29	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	15077	4.72	ug/l	88
22) Diisopropyl ether	3.87	45	49292	4.66	ug/l	98
23) Vinyl Acetate	3.82	43	213591	24.13	ug/l	99
24) 1,1-Dichloroethane	3.70	63	27890	4.86	ug/l	97
25) 2-Butanone	4.71	43	57615	24.83	ug/l	98
26) 2,2-Dichloropropane	4.58	77	21426	5.19	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	16088	4.95	ug/l	33
28) Bromochloromethane	5.03	49	12977	4.83	ug/l	95
29) Tetrahydrofuran	5.17	42	36228	23.82	ug/l	97
30) Chloroform	5.22	83	27971	5.05	ug/l	98
31) Cyclohexane	5.58	56	23152	4.90	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	23966	5.18	ug/l	99
36) 1,1-Dichloropropene	5.80	75	20268	5.21	ug/l	99
37) Ethyl Acetate	4.87	43	22128	5.02	ug/l	98
38) Carbon Tetrachloride	5.78	117	20673	5.34	ug/l	97

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 Data File : VX002857.D
 Acq On : 25 Jun 2018 11:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

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 6/28/2018 12:00:09 PM

Quant Time: Jun 25 12:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	23027	5.06	ug/l	97
40) Benzene	6.15	78	58491	5.01	ug/l	100
41) Methacrylonitrile	5.07	41	11893	4.78	ug/l	93
42) 1,2-Dichloroethane	6.21	62	23777	5.26	ug/l	100
43) Isopropyl Acetate	6.47	43	34586	4.74	ug/l	98
44) Trichloroethene	7.21	130	17039	5.06	ug/l	100
45) 1,2-Dichloropropane	7.52	63	15819	5.15	ug/l	100
46) Dibromomethane	7.67	93	10553	5.14	ug/l	98
47) Bromodichloromethane	7.90	83	18243	5.04	ug/l #	97
48) Methyl methacrylate	7.78	41	17375	4.66	ug/l	99
49) 1,4-Dioxane	7.76	88	7191	101.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	110844	23.66	ug/l	99
52) Toluene	8.79	92	36052	4.84	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	20274	4.76	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	18733	4.74	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	14881	4.95	ug/l	99
56) Ethyl methacrylate	9.19	69	21240	4.59	ug/l	98
57) 1,3-Dichloropropane	9.37	76	24490	4.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	50289	22.47	ug/l	99
59) 2-Hexanone	9.50	43	82307	23.31	ug/l	100
60) Dibromochloromethane	9.59	129	13915	4.79	ug/l	100
61) 1,2-Dibromoethane	9.68	107	15197	4.88	ug/l	96
64) Tetrachloroethene	9.34	164	19142	5.01	ug/l	97
65) Chlorobenzene	10.14	112	43338	5.13	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	14956	5.19	ug/l	99
67) Ethyl Benzene	10.26	91	70173	4.92	ug/l	100
68) m/p-Xylenes	10.36	106	53895	9.80	ug/l	97
69) o-Xylene	10.70	106	25926	4.80	ug/l	99
70) Styrene	10.71	104	41202	4.64	ug/l	99
71) Bromoform	10.86	173	10328	4.77	ug/l #	98
73) Isopropylbenzene	11.02	105	68950	4.96	ug/l	98
74) N-amyl acetate	6.47	43	34586	5.01	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	22407	5.46	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	19266m	4.92	ug/l	
77) Bromobenzene	11.26	156	19910	5.14	ug/l	98
78) n-propylbenzene	11.37	91	77752	4.88	ug/l	99
79) 2-Chlorotoluene	11.43	91	48582	5.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	56873	4.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	4653	4.49	ug/l	87
82) 4-Chlorotoluene	11.51	91	56879	5.07	ug/l	98
83) tert-Butylbenzene	11.77	119	56999	5.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	58828	4.91	ug/l	97
85) sec-Butylbenzene	11.95	105	69359	4.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	60717	4.77	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	36465	5.14	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	37194	5.15	ug/l	95
89) n-Butylbenzene	12.39	91	50466	4.50	ug/l	99
90) Hexachloroethane	12.60	117	7834	4.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	37150	5.20	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4204	4.89	ug/l	96

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

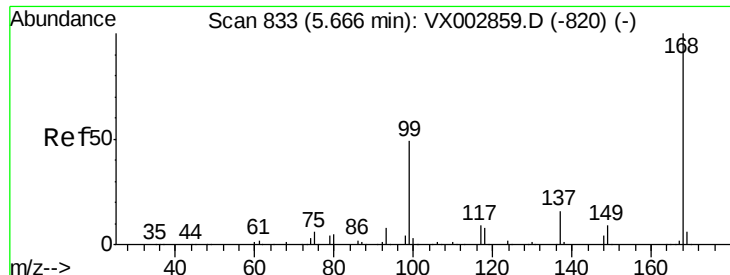
Manual Integrations
APPROVED

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6/28/2018 12:00:09 PM

Quant Time: Jun 25 12:50:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 12:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	24695	4.76	ug/l	97
94) Hexachlorobutadiene	13.79	225	12840	4.70	ug/l	97
95) Naphthalene	13.84	128	65570	4.70	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	26067	5.01	ug/l	99

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



#1

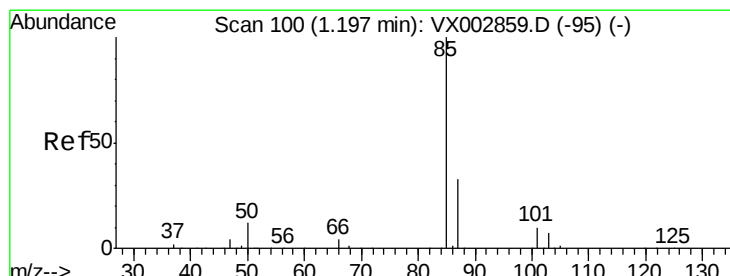
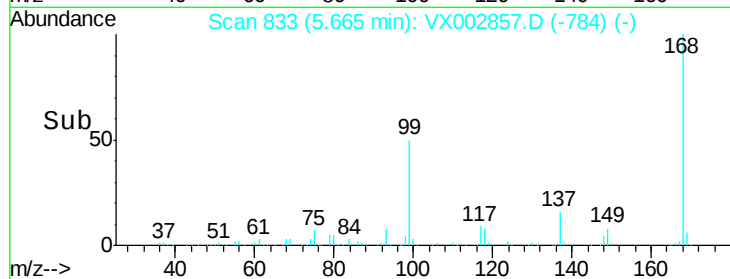
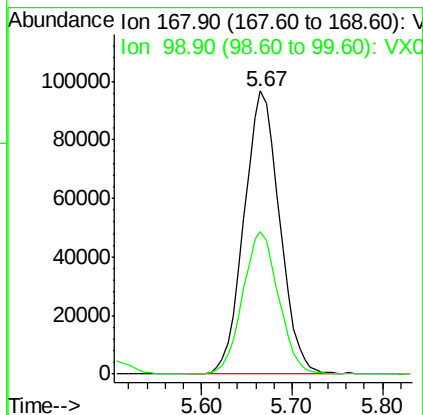
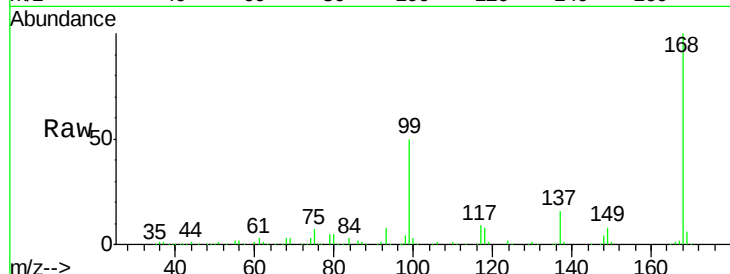
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	168	99	Ratio	100	50.3	Resp	263534	Lower	39.3	Upper	58.9
168	100										
99		50.3									

Manual Integrations
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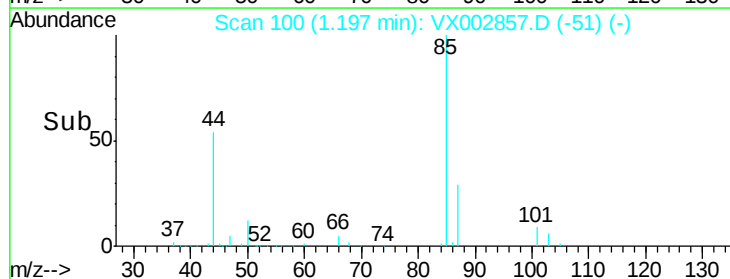
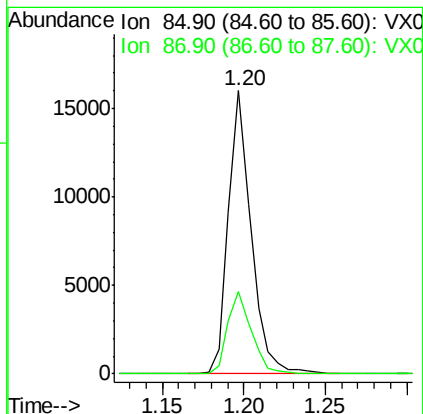
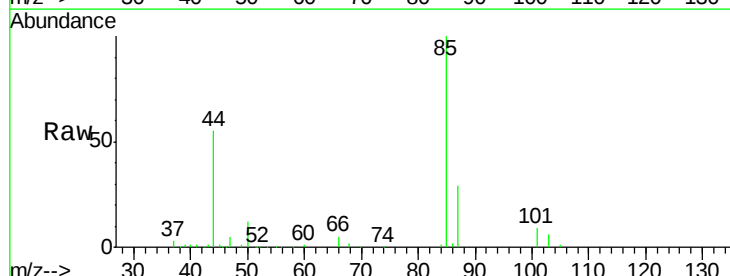
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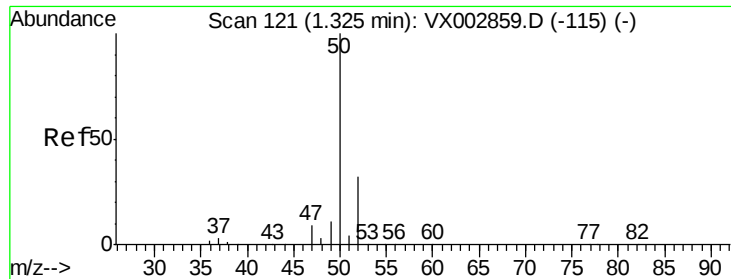


#2

Dichlorodifluoromethane
 Concen: 5.57 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion	85	87	Ratio	100	29.0	Resp	15577	Lower	16.0	Upper	47.9
85	100										
87		29.0									





#3

Chloromethane

Concen: 4.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 14836

Ion Ratio Lower Upper

50 100

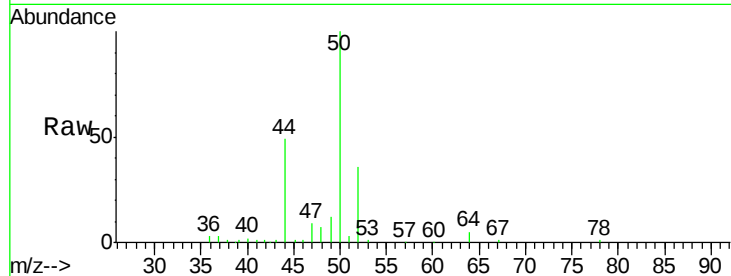
52 36.7 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

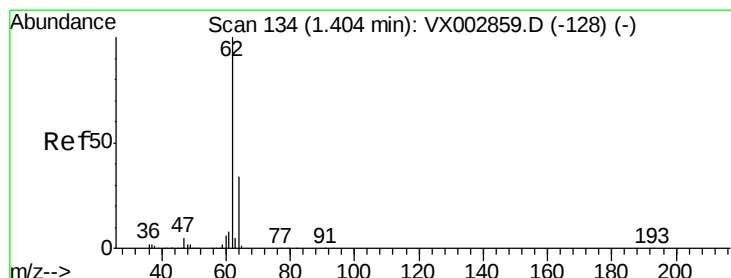
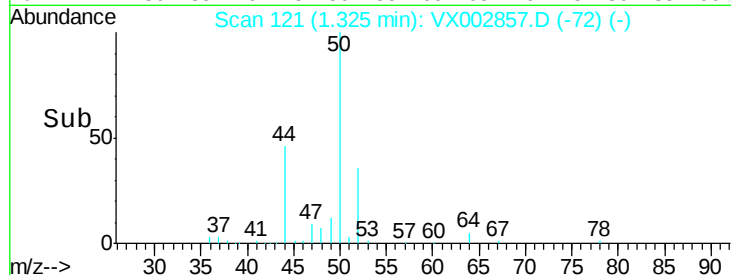
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 4.84 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002857.D

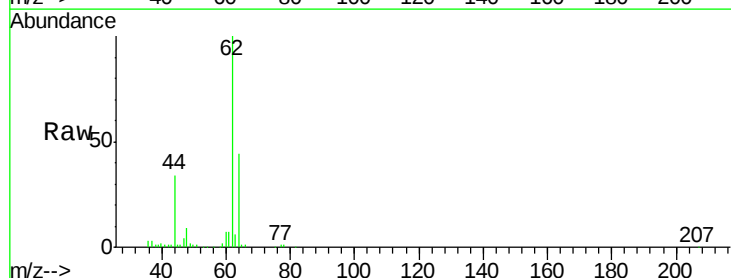
Acq: 25 Jun 2018 11:21

Tgt Ion: 62 Resp: 16721

Ion Ratio Lower Upper

62 100

64 40.8 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

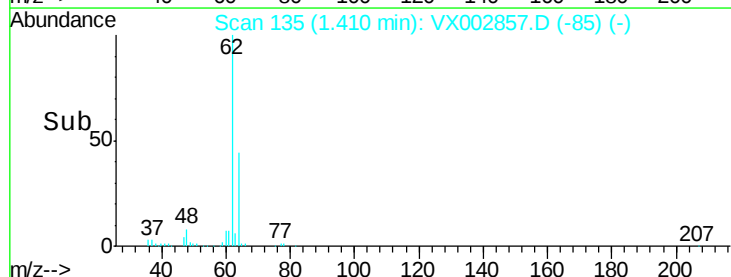
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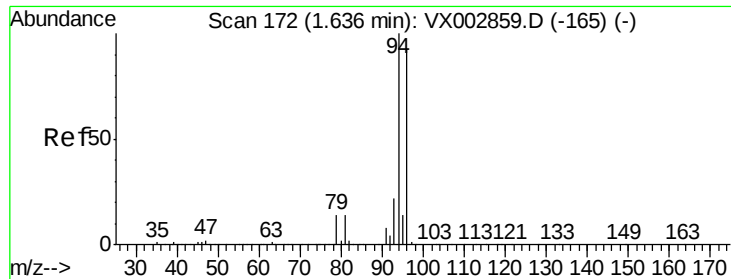
10000

5000

0

Time-->





#5

Bromomethane

Concen: 4.65 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 9696

Ion Ratio Lower Upper

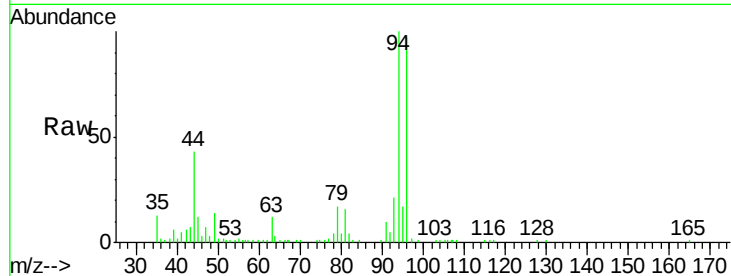
94 100

96 96.3 74.9 112.3

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

10000

8000

6000

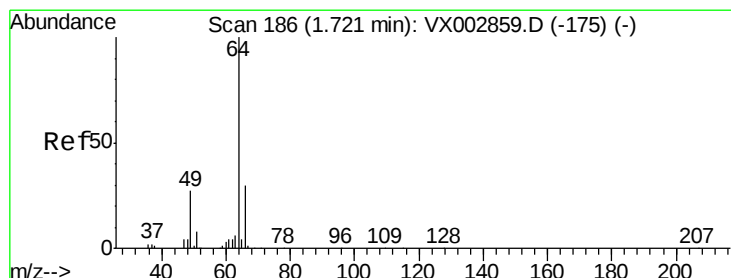
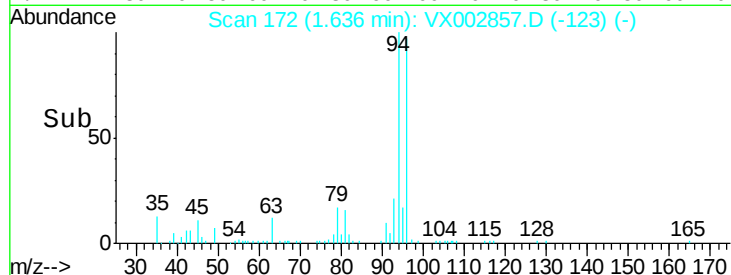
4000

2000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 4.74 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002857.D

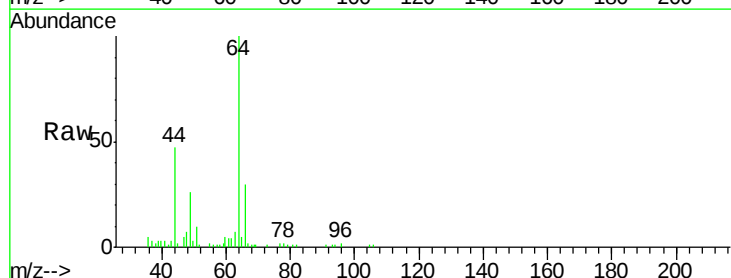
Acq: 25 Jun 2018 11:21

Tgt Ion: 64 Resp: 10786

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

8000

6000

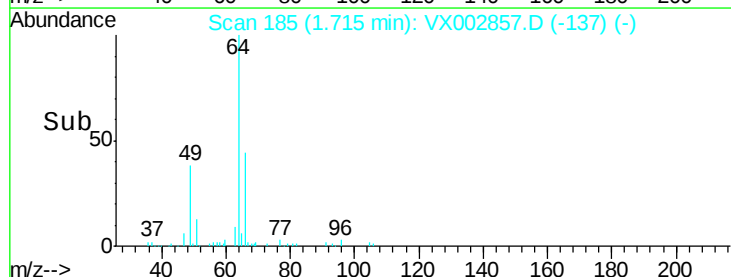
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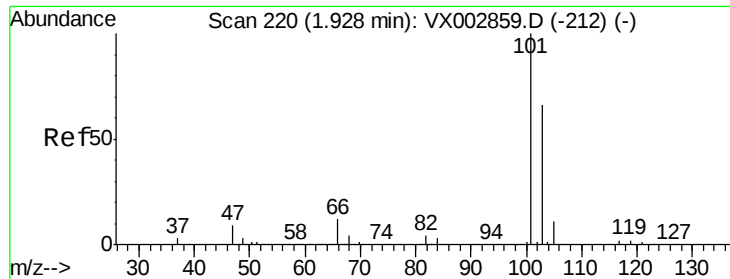
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0

Time-->

1.65 1.70 1.75





#7

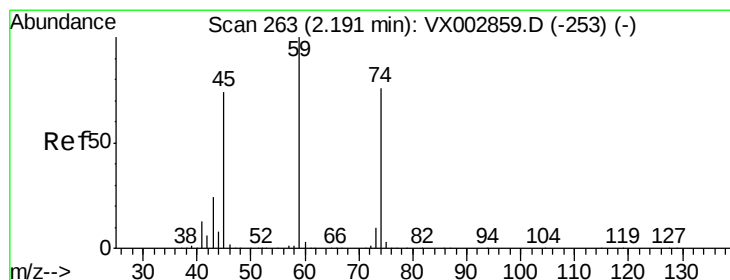
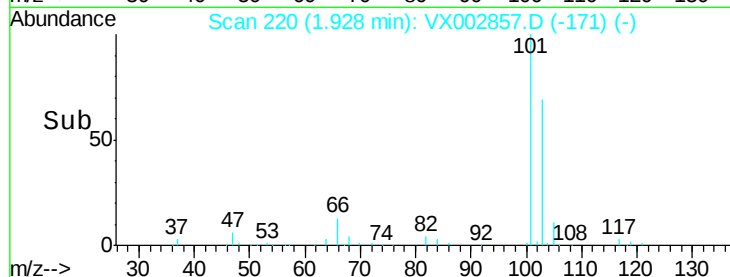
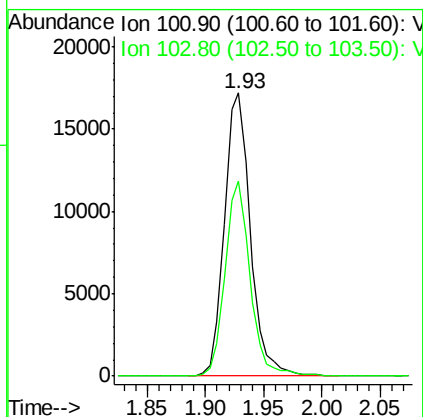
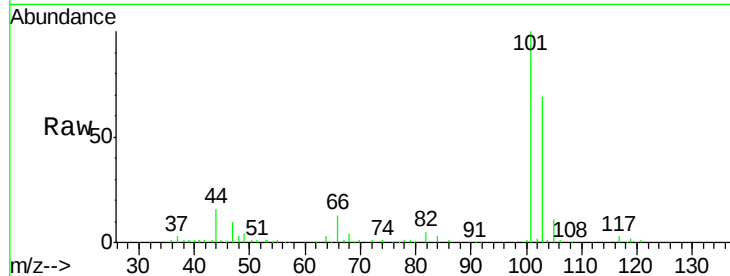
Trichlorofluoromethane
Concen: 4.73 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.0	52.8	79.2

Manual Integrations
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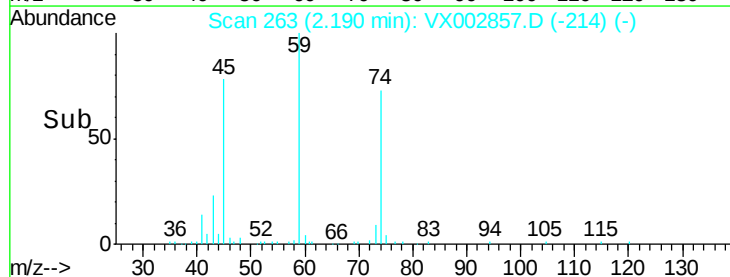
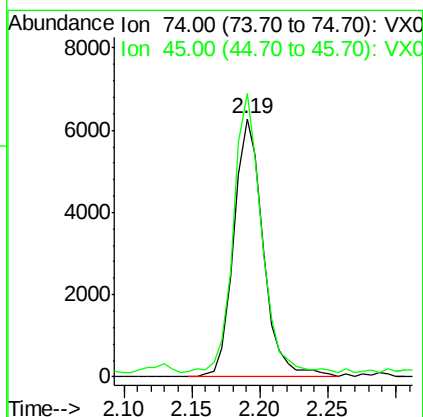
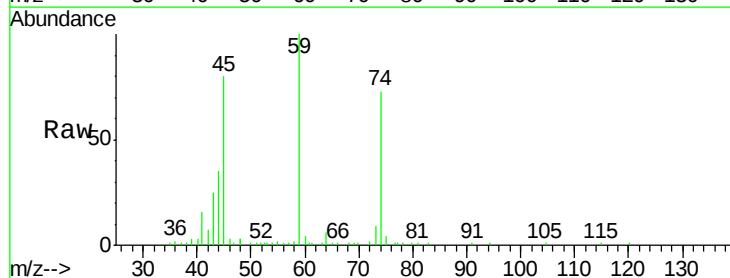
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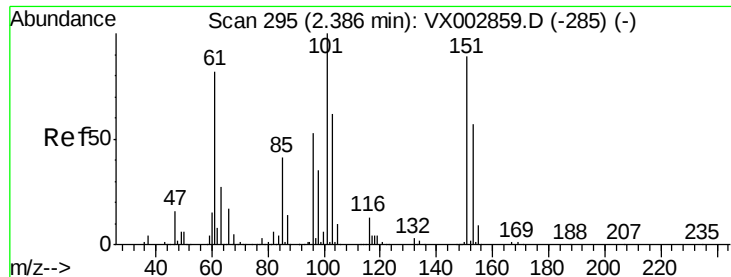


#8

Diethyl Ether
Concen: 4.42 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.92 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

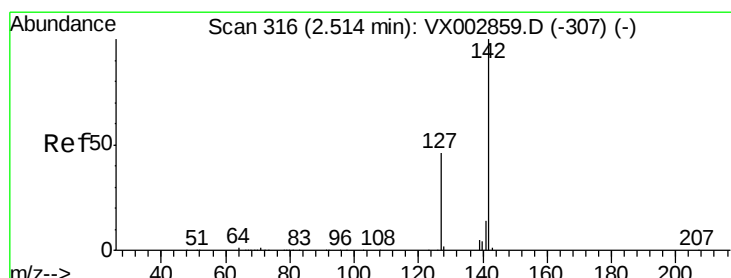
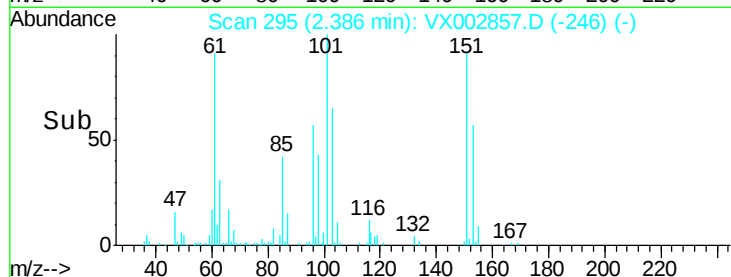
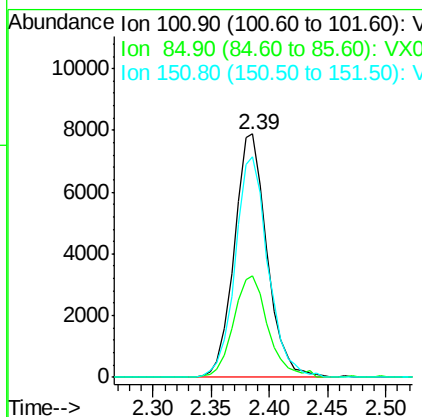
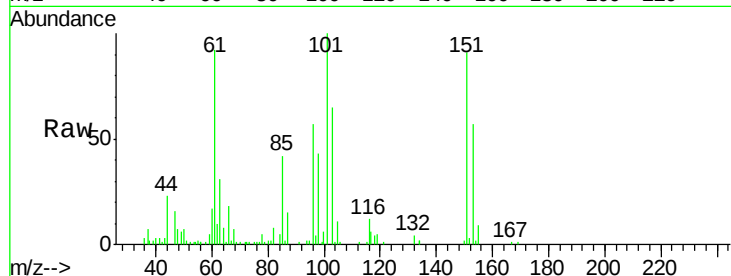
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	15442
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	91.3	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 2.95 ug/l

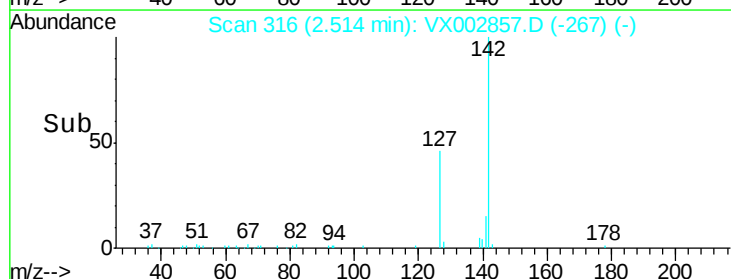
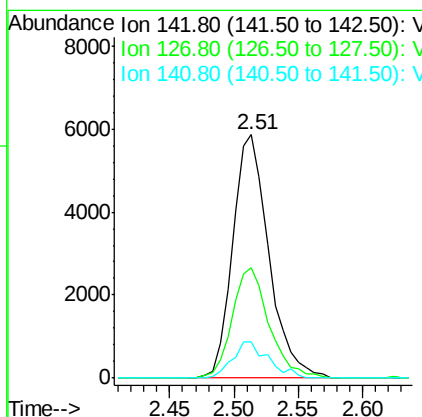
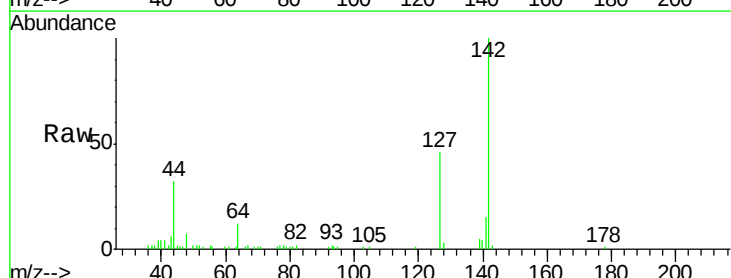
RT: 2.51 min Scan# 316

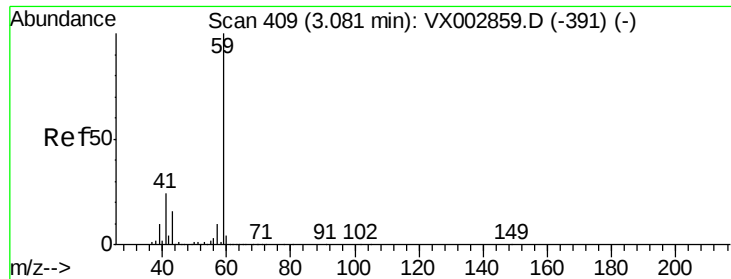
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	142	Resp:	11380
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.6	55.0
141	14.8	11.3	16.9





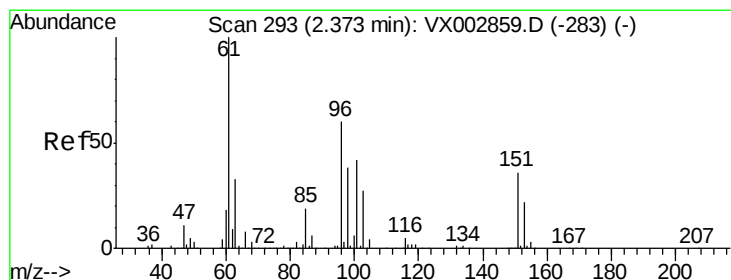
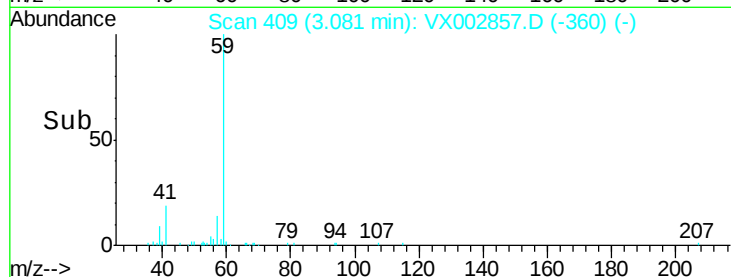
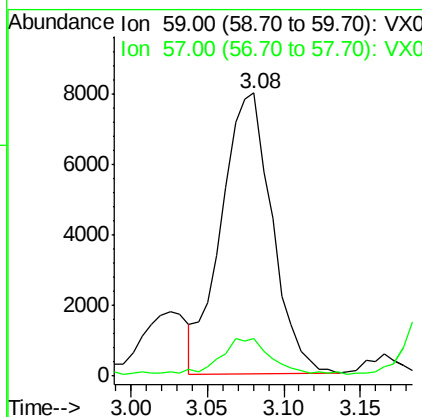
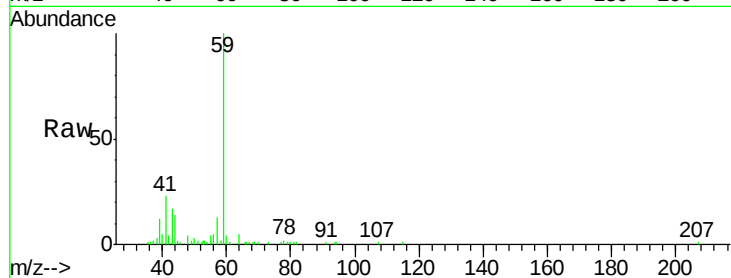
#11
Tert butyl alcohol
Concen: 22.21 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		18390		
57	12.1		8.2	12.2	

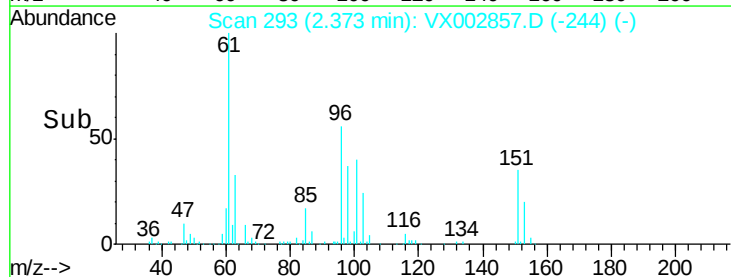
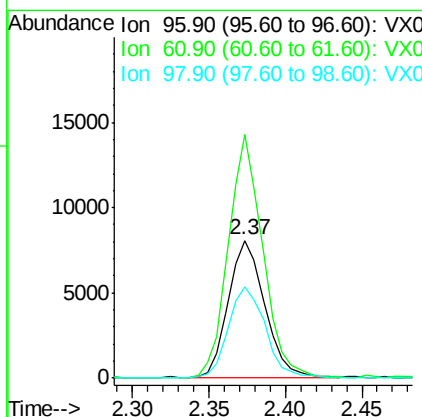
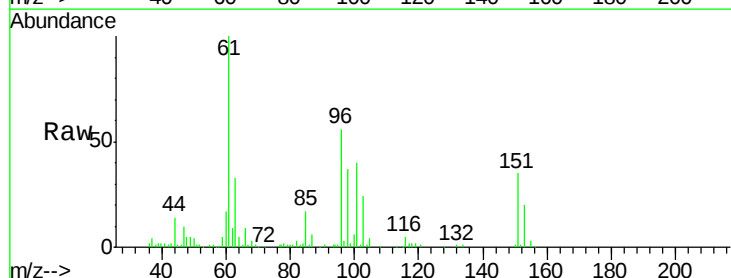
Manual Integrations
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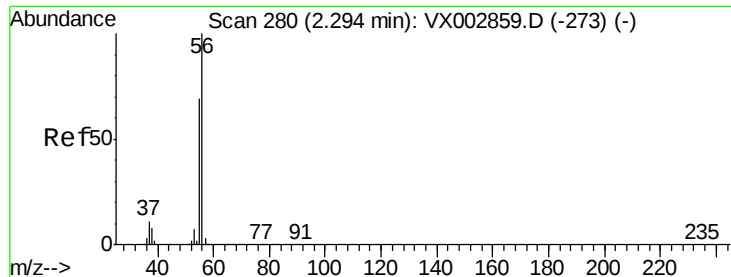
MMDadoda
6/28/2018 12:00:09 PM



#12
1,1-Dichloroethene
Concen: 4.54 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		13376		
61	177.1		137.9	206.9	
98	66.2		51.6	77.4	





#13

Acrolein

Concen: 33.20 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 13936

Ion Ratio Lower Upper

56 100

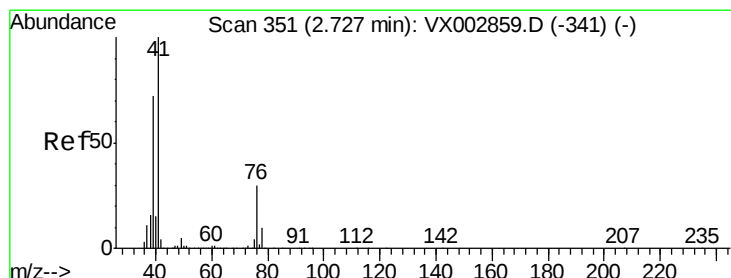
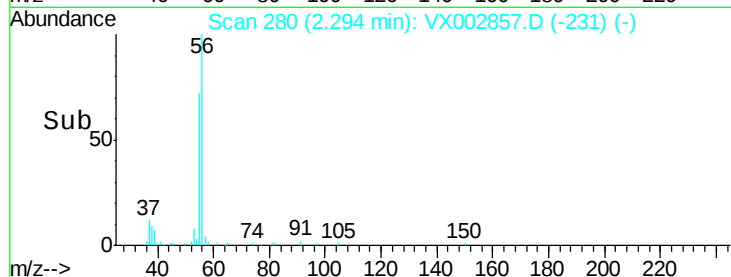
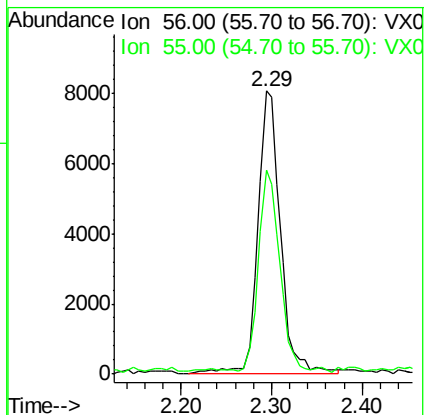
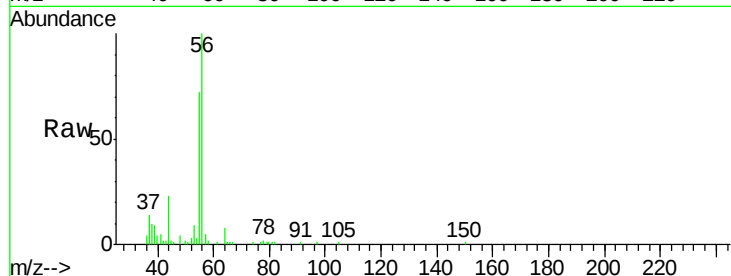
55 65.9 57.0 85.4

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#14

Allyl chloride

Concen: 4.49 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

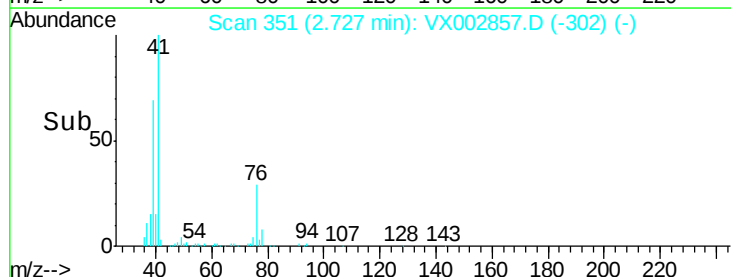
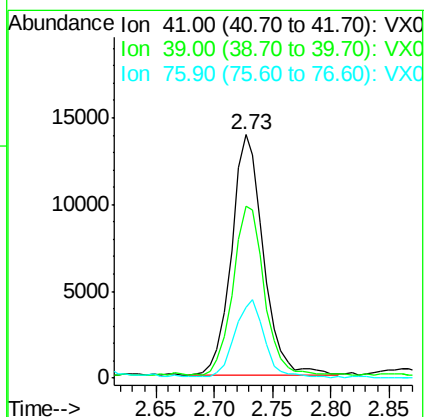
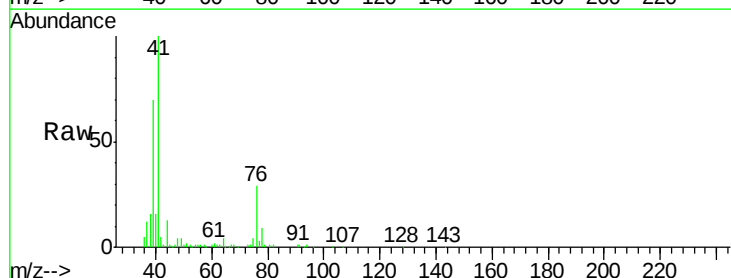
Tgt Ion: 41 Resp: 26262

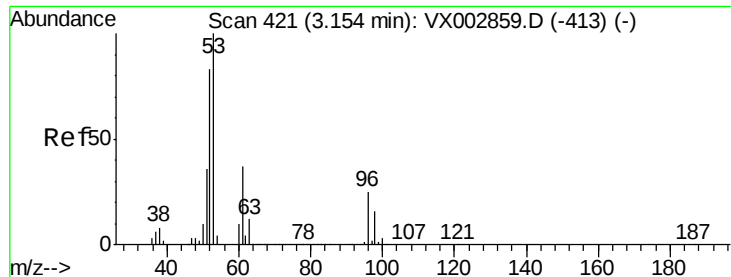
Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 31.5 23.8 35.8





#15

Acrylonitrile

Concen: 21.79 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

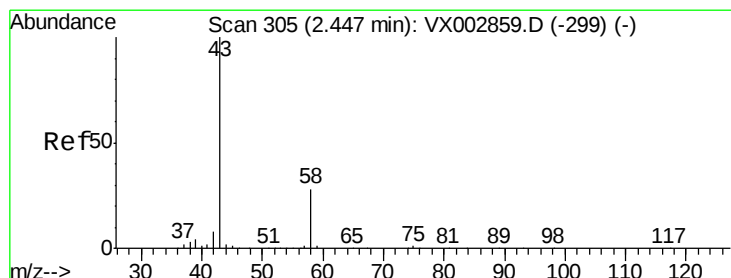
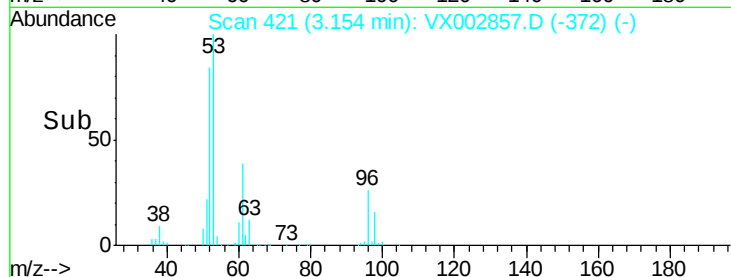
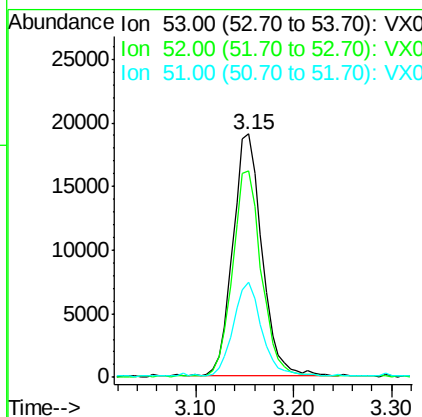
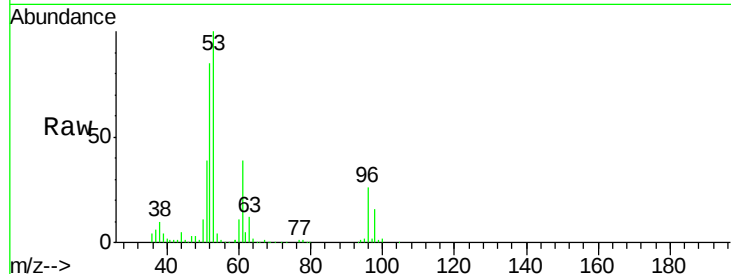
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	39366
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.7	100.1
51	38.0	29.9	44.9

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#16

Acetone

Concen: 21.77 ug/l

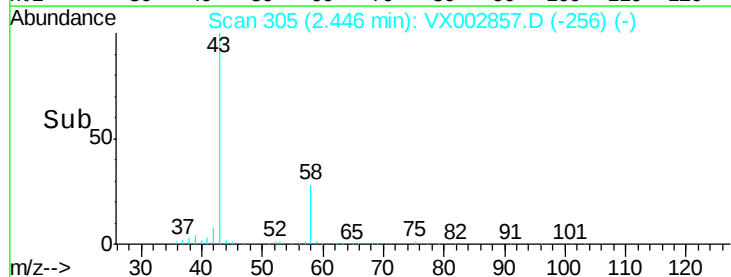
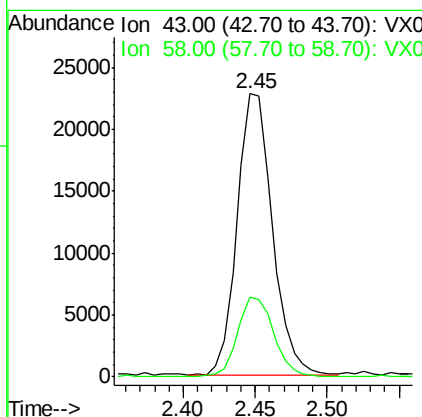
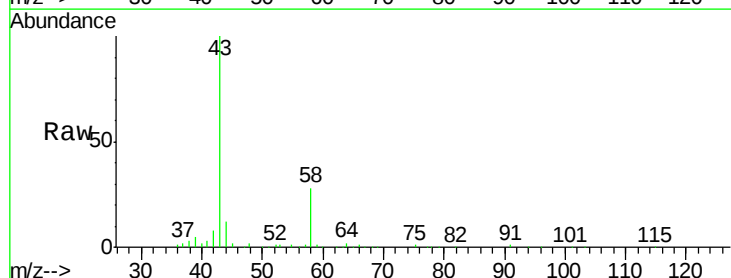
RT: 2.45 min Scan# 305

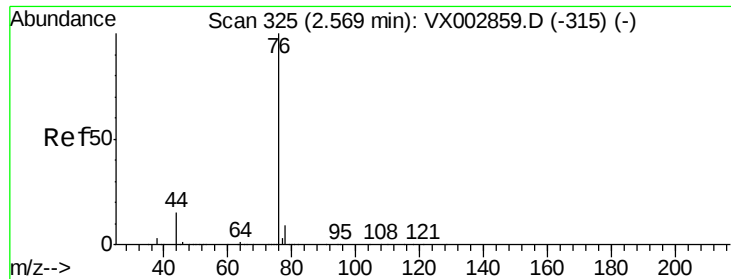
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	43	Resp:	38462
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.1	33.1





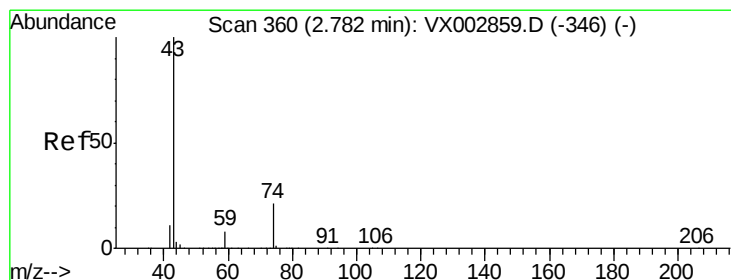
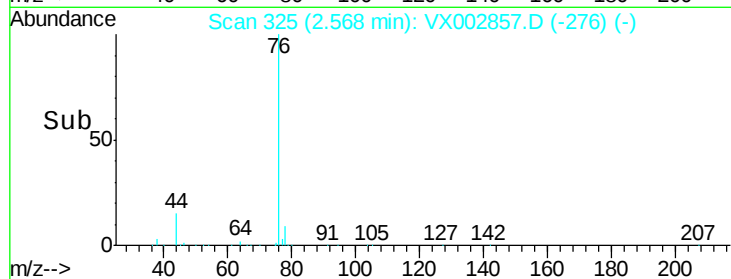
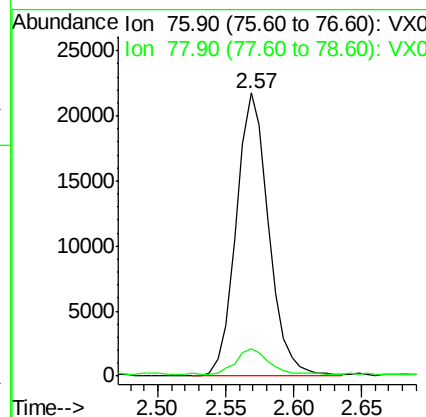
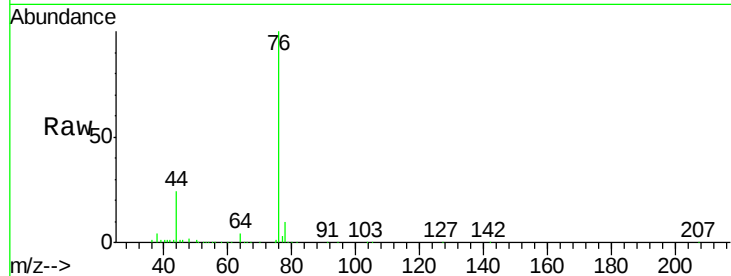
#17
Carbon Disulfide
Concen: 5.21 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.9	10.3

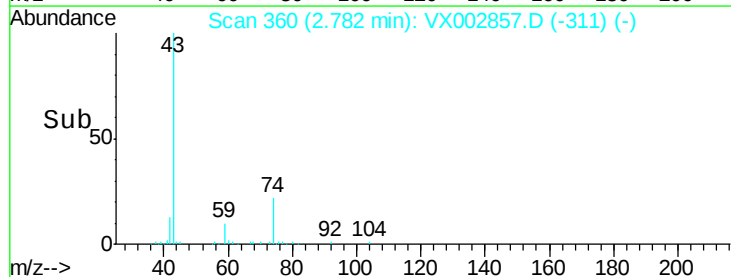
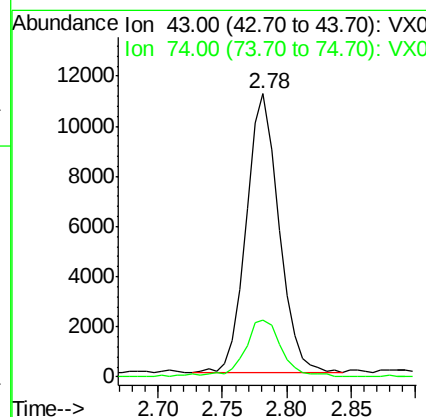
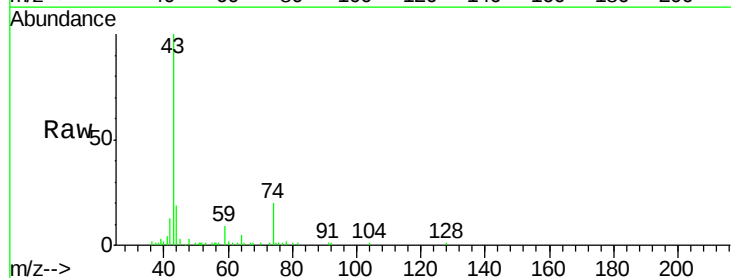
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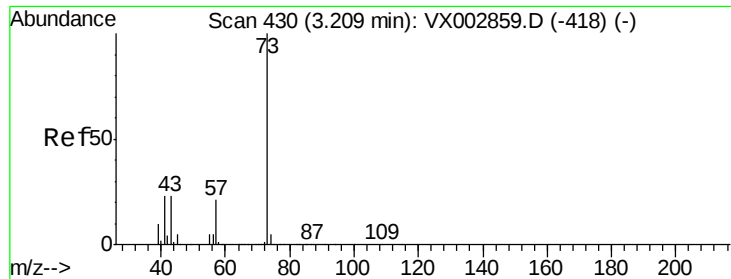
MMDadoda
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#18
Methyl Acetate
Concen: 4.16 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	16.7	25.1





#19

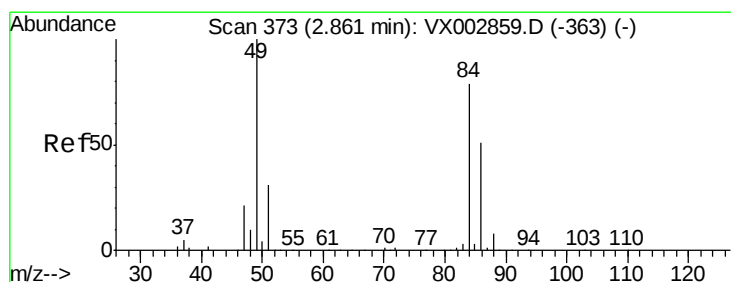
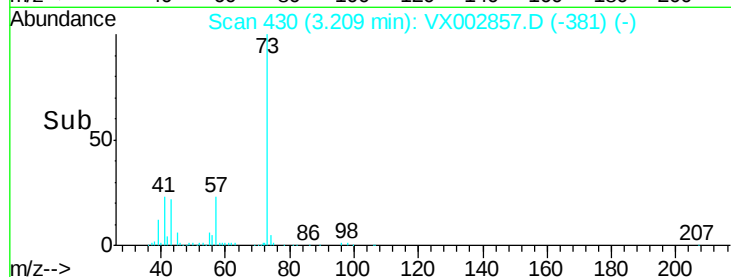
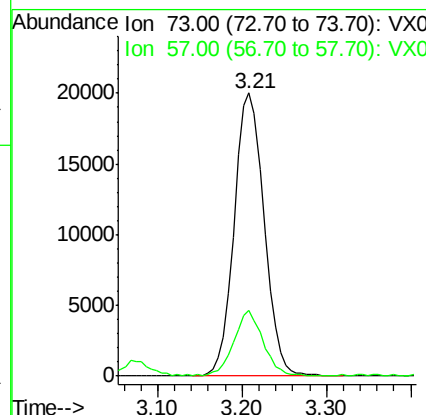
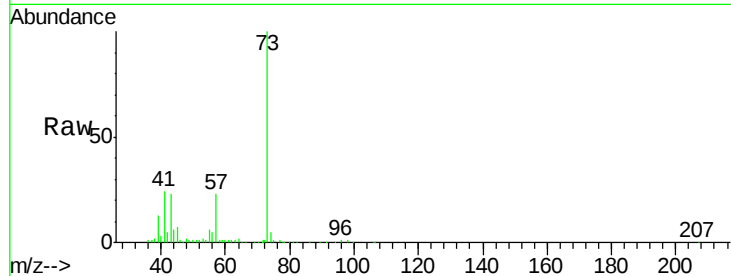
Methyl tert-butyl Ether
 Concen: 4.35 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	73	Resp	48071
Ion Ratio	100	Lower	Upper
73	100		
57	22.8	17.7	26.5

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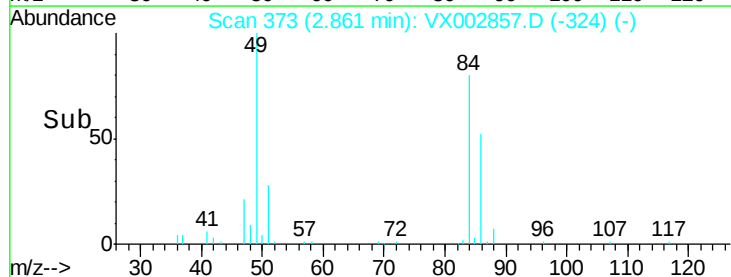
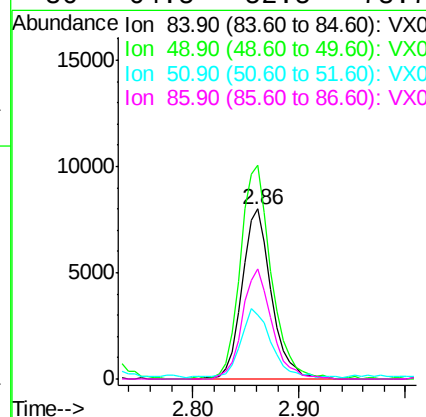
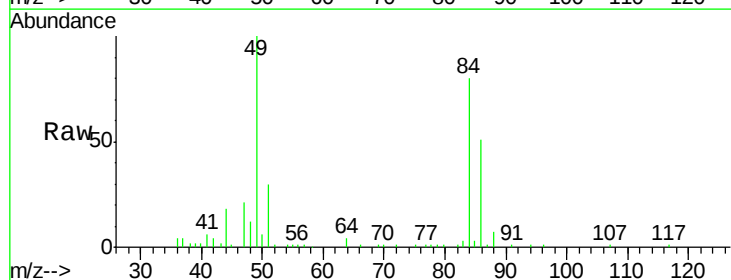
MMDadoda
 6/28/2018 12:00:09 PM

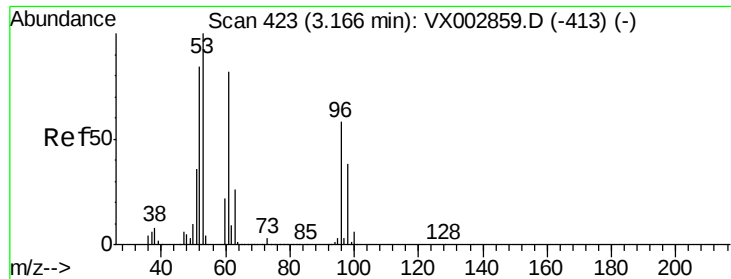


#20

Methylene Chloride
 Concen: 4.29 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion	84	Resp	15534
Ion Ratio	100	Lower	Upper
84	100		
49	124.9	107.8	161.6
51	36.8	32.8	49.2
86	64.5	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 4.72 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

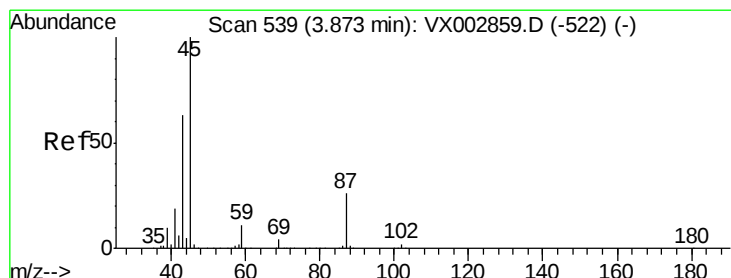
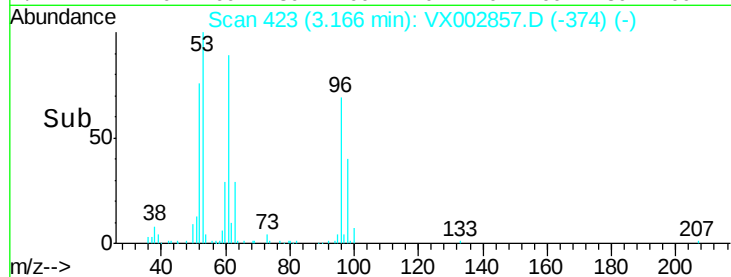
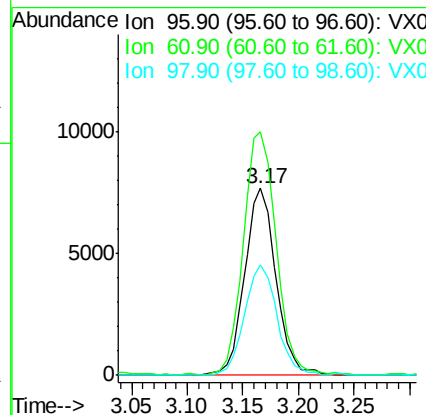
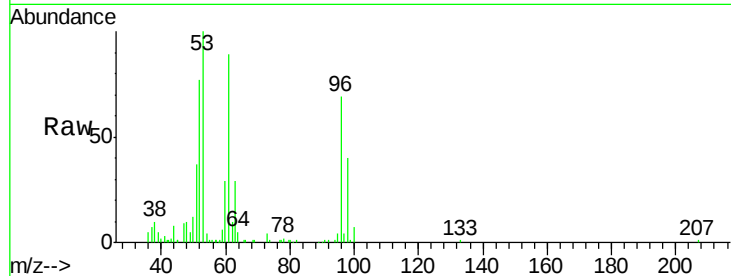
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	15077
Ion	Ratio	Lower	Upper
96	100		
61	129.5	117.0	175.4
98	59.0	52.4	78.6

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#22

Diisopropyl ether

Concen: 4.66 ug/l

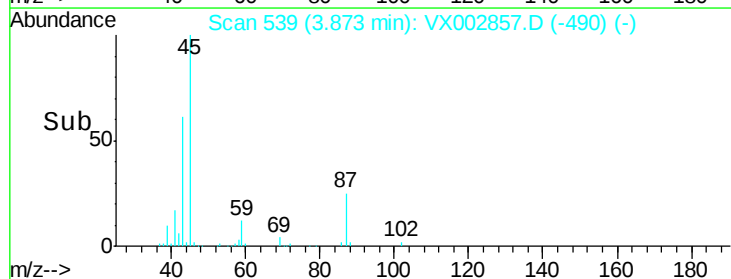
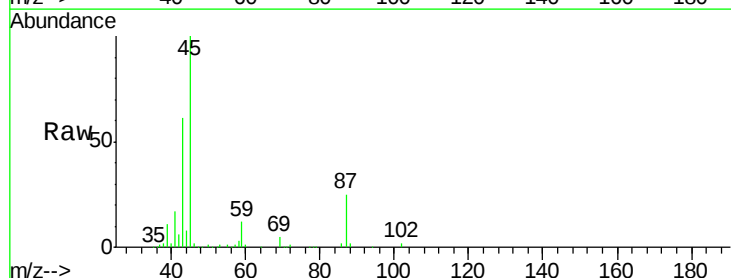
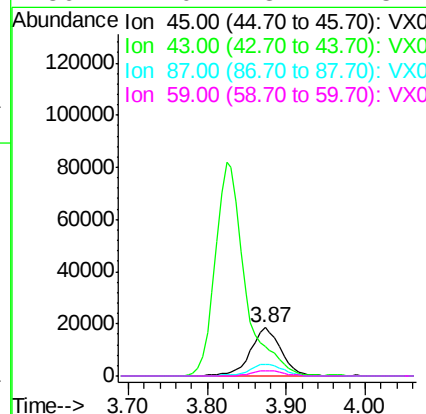
RT: 3.87 min Scan# 539

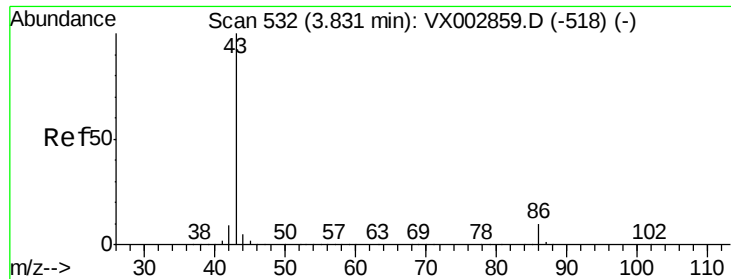
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	45	Resp:	49292
Ion	Ratio	Lower	Upper
45	100		
43	59.9	46.8	70.2
87	24.8	20.2	30.4
59	12.0	8.7	13.1





#23

Vinyl Acetate

Concen: 24.13 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 213591

Ion Ratio Lower Upper

43 100

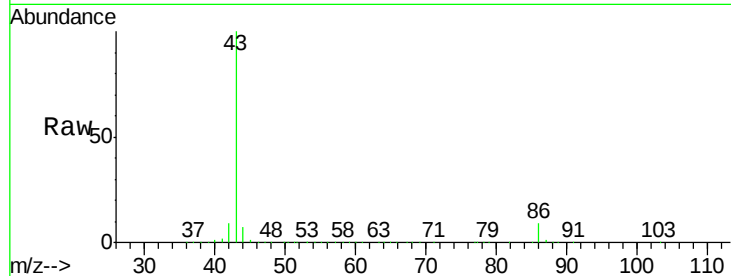
86 9.4 7.4 11.0

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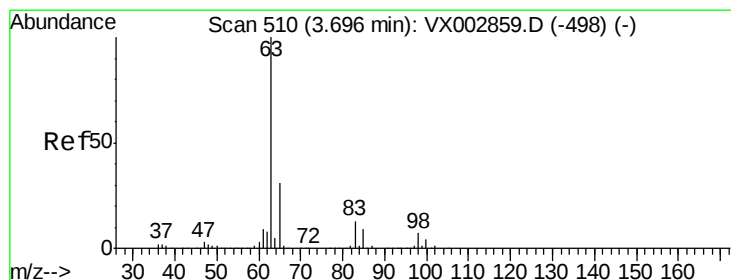
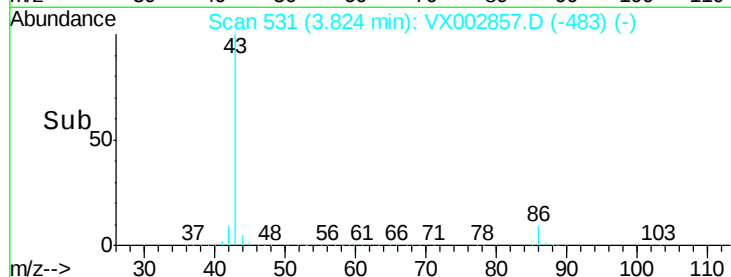
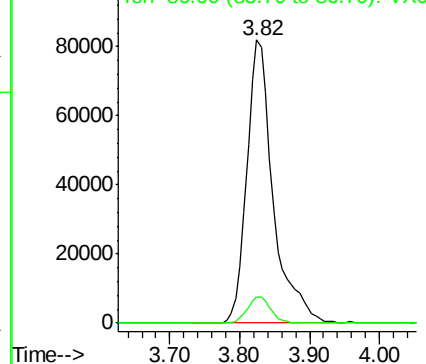
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

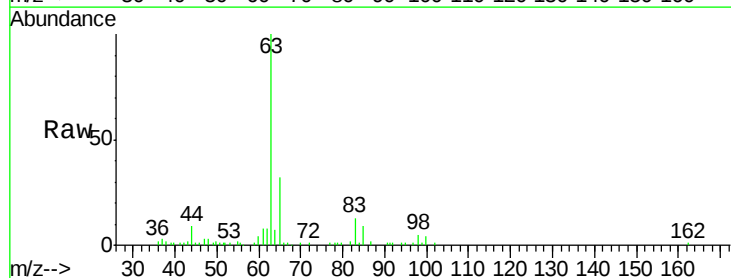
Tgt Ion: 63 Resp: 27890

Ion Ratio Lower Upper

63 100

98 5.5 3.4 10.2

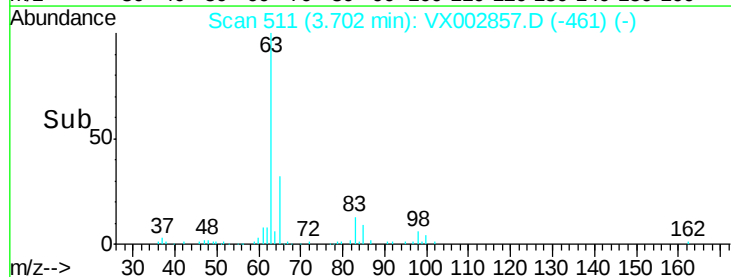
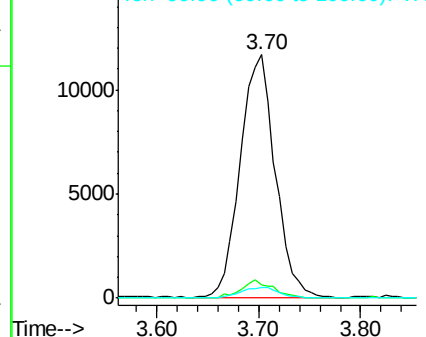
100 4.2 2.0 6.0

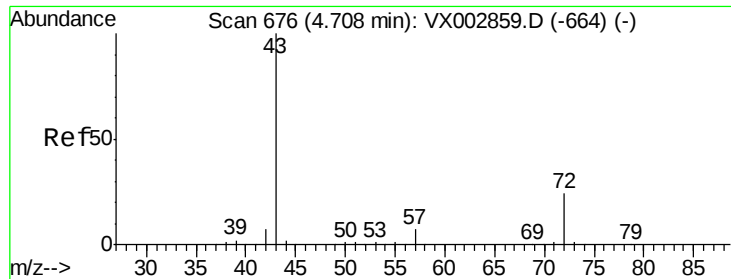


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 24.83 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 57615

Ion Ratio Lower Upper

43 100

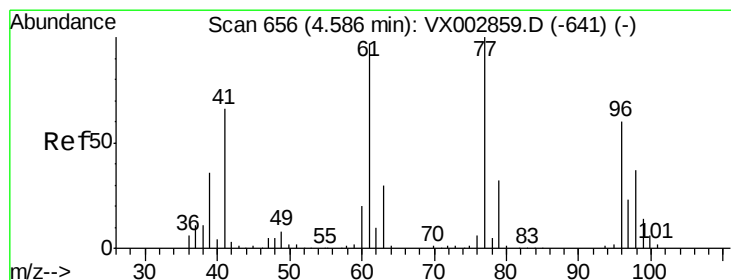
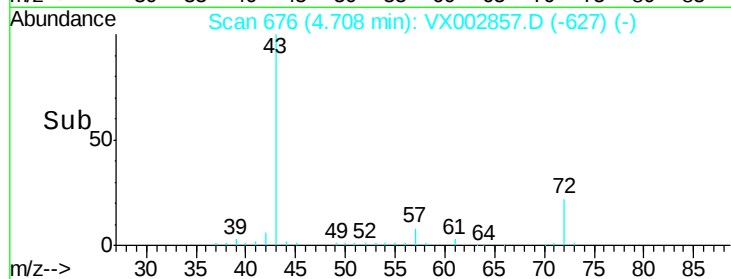
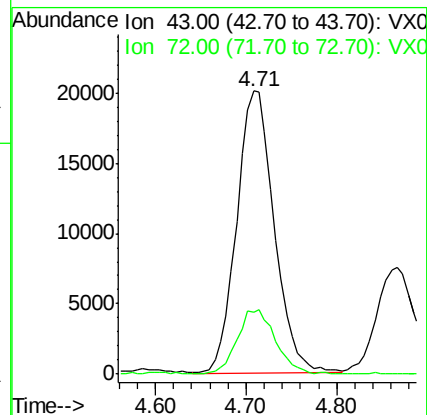
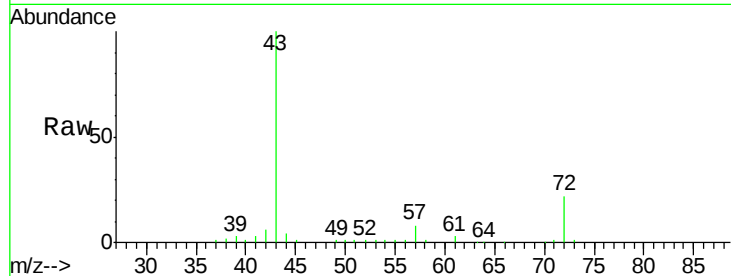
72 22.1 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 5.19 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002857.D

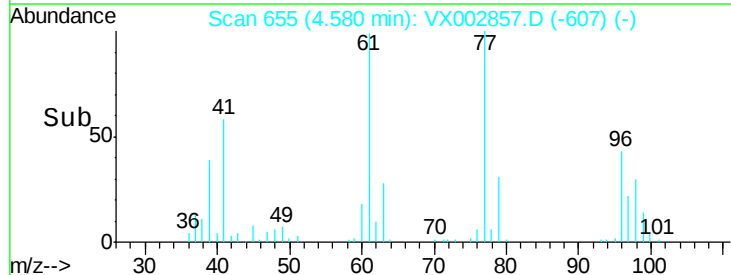
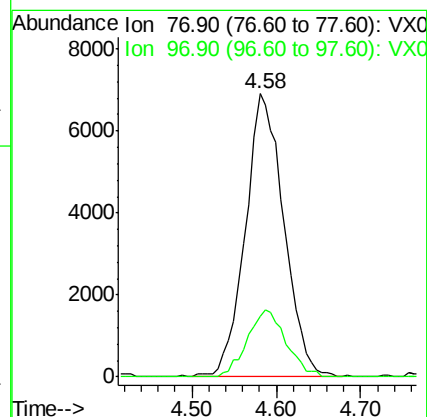
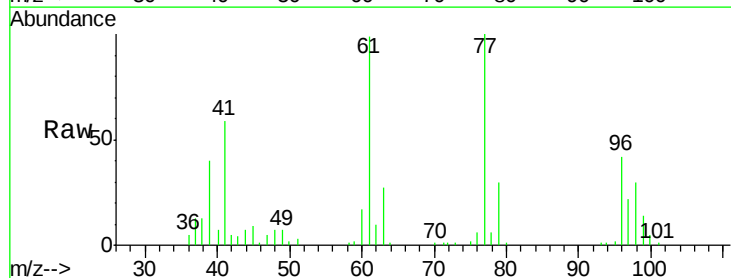
Acq: 25 Jun 2018 11:21

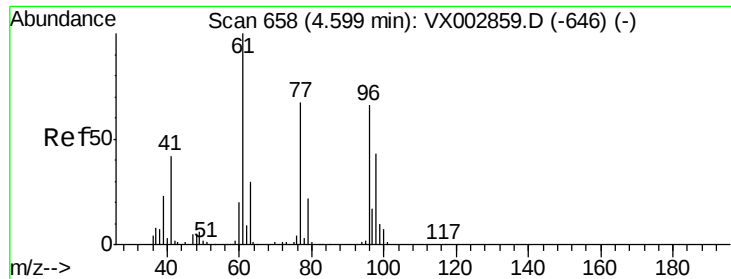
Tgt Ion: 77 Resp: 21426

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5





#27

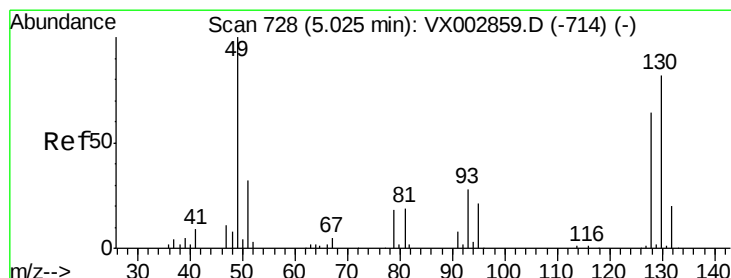
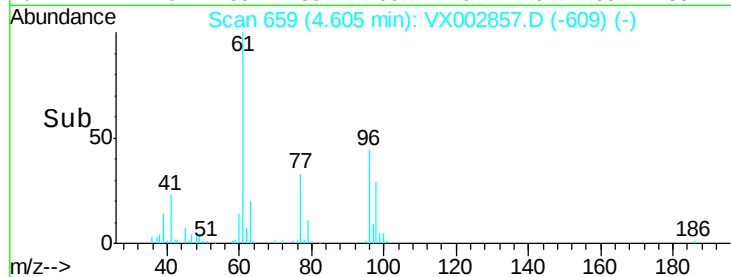
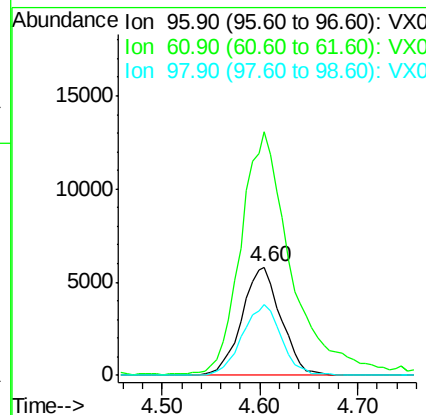
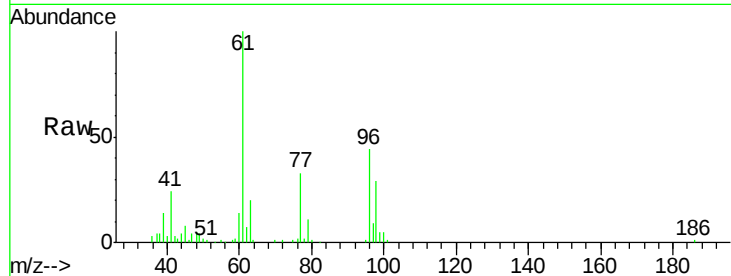
cis-1,2-Dichloroethene
 Concen: 4.95 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	291.2	0.0	330.2
98	65.1	0.0	130.2

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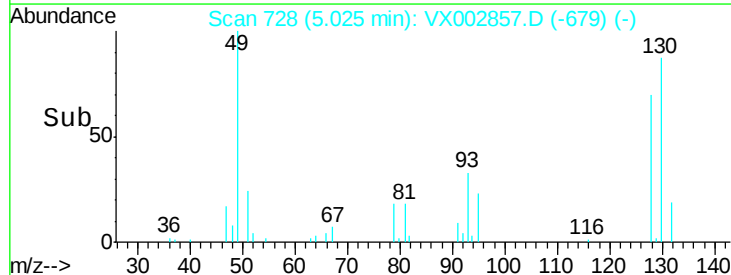
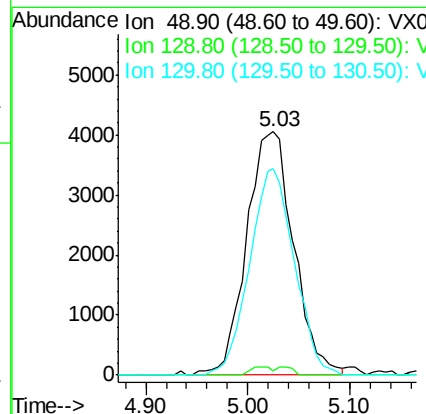
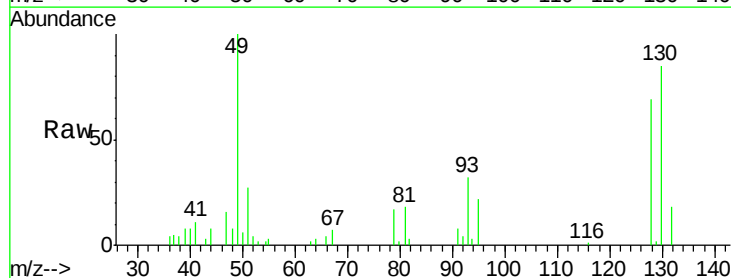
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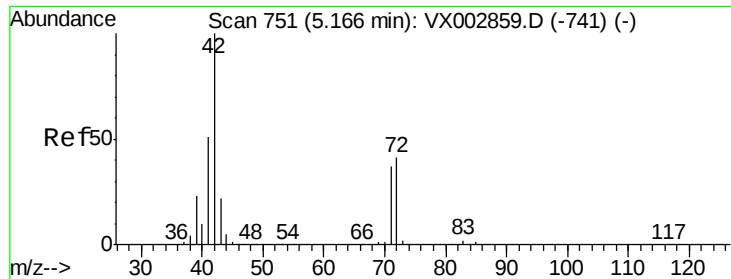


#28

Bromochloromethane
 Concen: 4.83 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	80.6	61.2	91.8





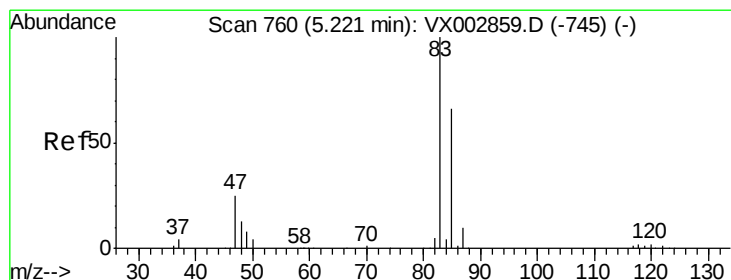
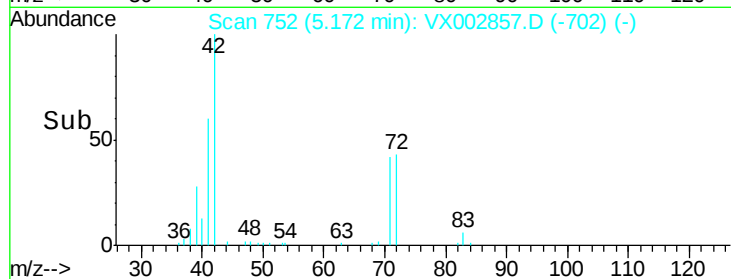
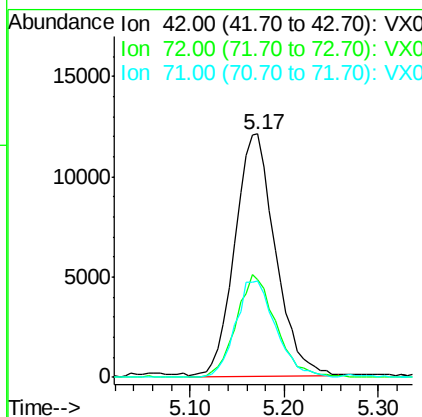
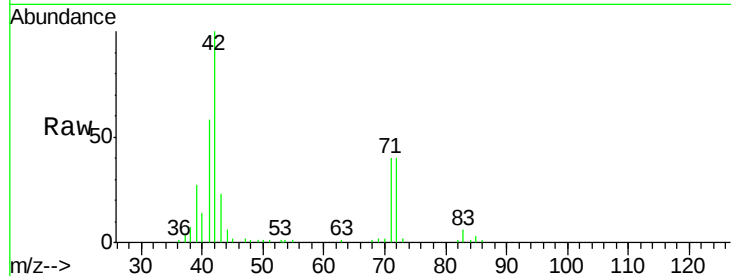
#29
Tetrahydrofuran
Concen: 23.82 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	39.6	30.1	45.1

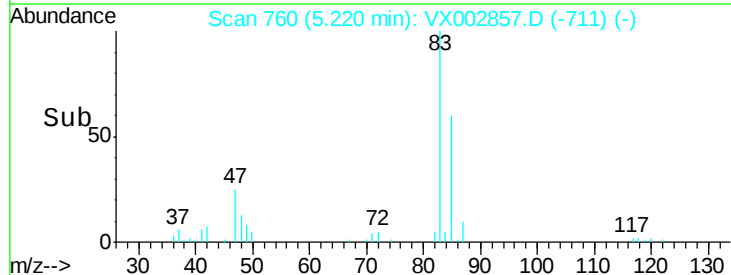
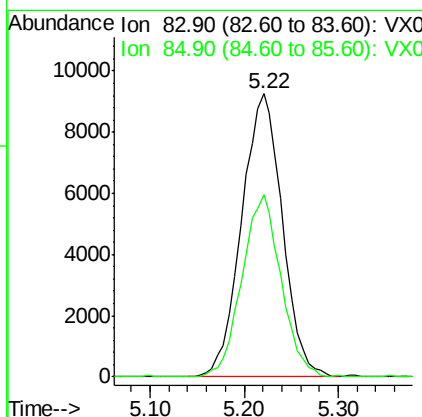
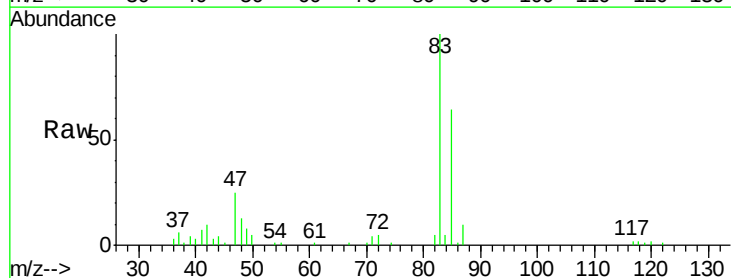
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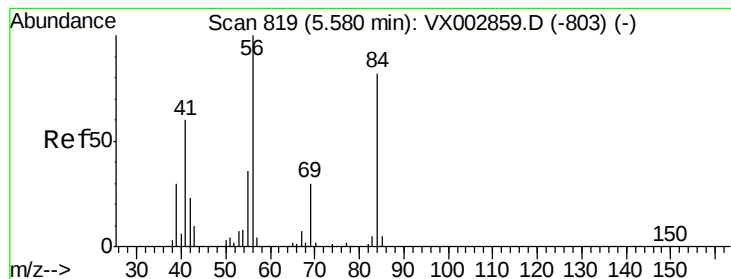
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#30
Chloroform
Concen: 5.05 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6





#31

Cyclohexane

Concen: 4.90 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

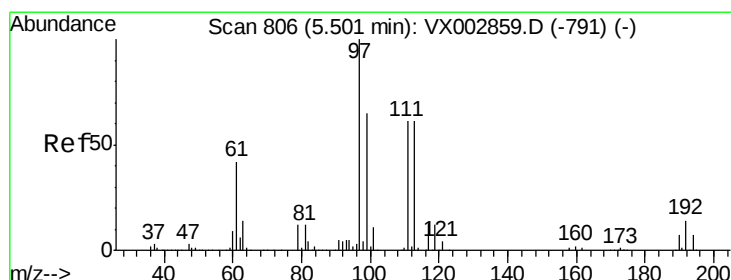
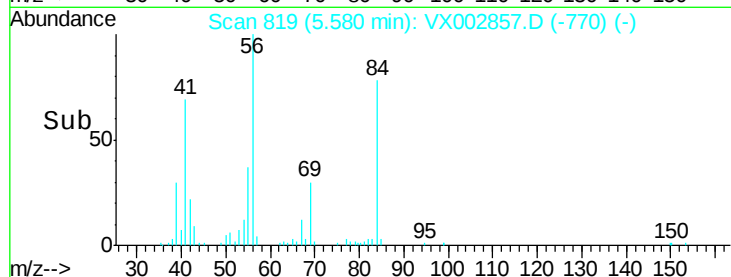
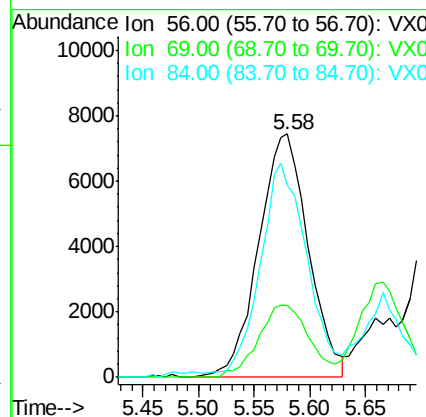
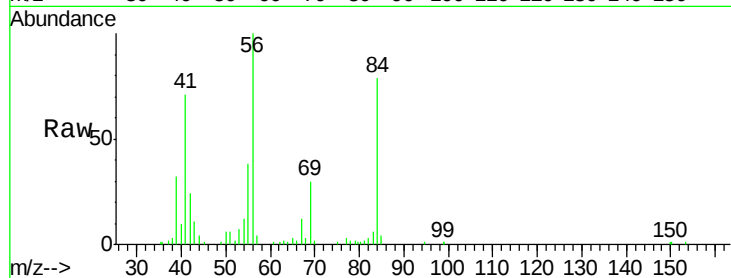
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	23152
Ion Ratio	Lower	Upper	
56	100		
69	29.5	23.7	35.5
84	76.7	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 5.18 ug/l

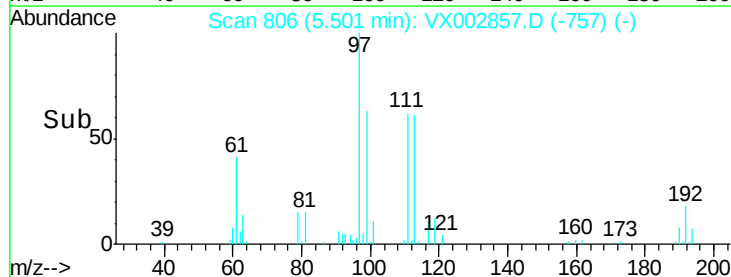
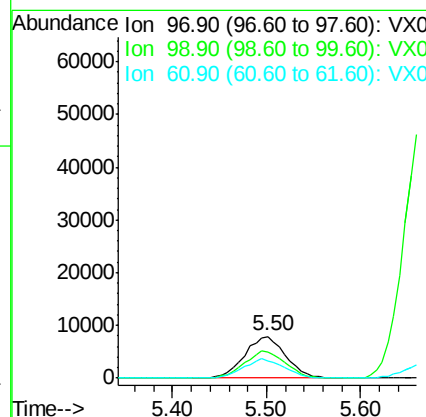
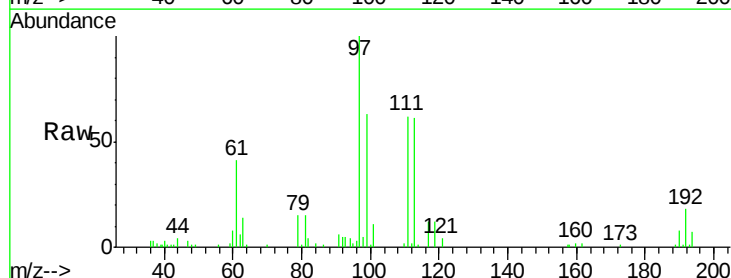
RT: 5.50 min Scan# 806

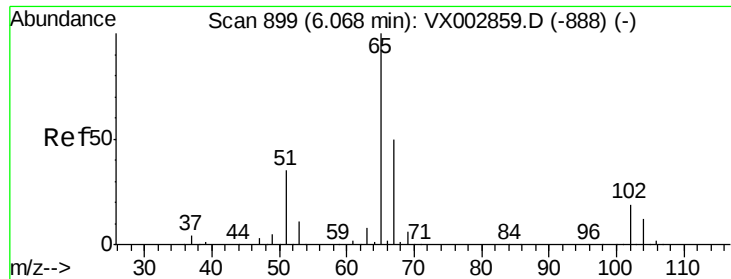
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	97	Resp:	23966
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.6	77.4
61	46.3	36.4	54.6





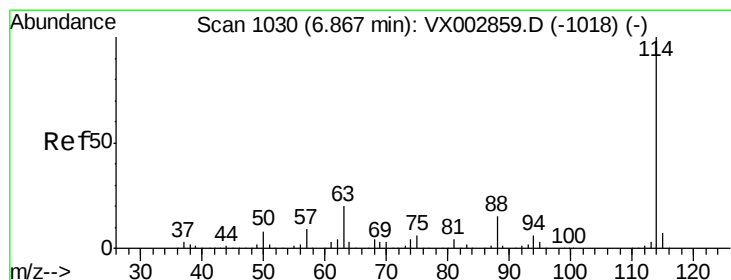
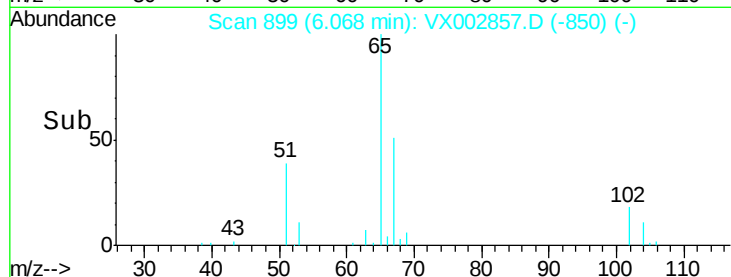
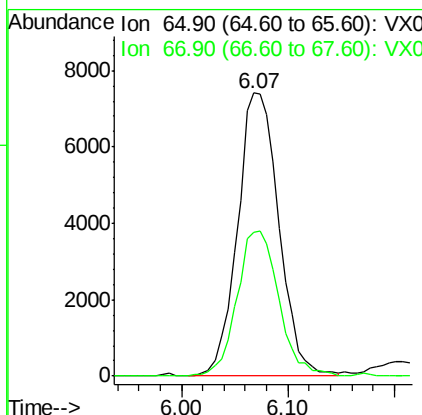
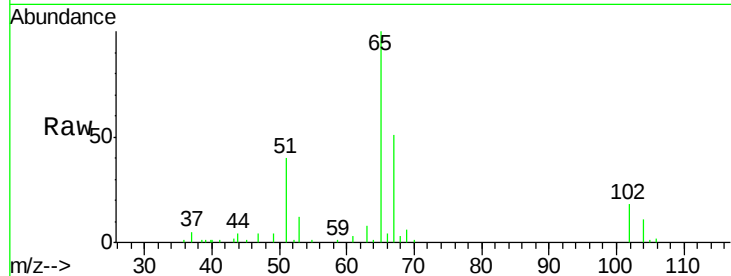
#33
 1,2-Dichloroethane-d4
 Concen: 5.04 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6

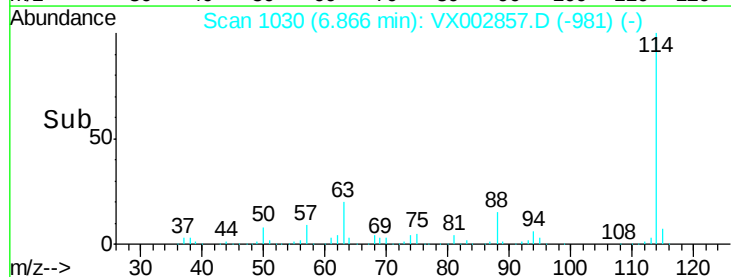
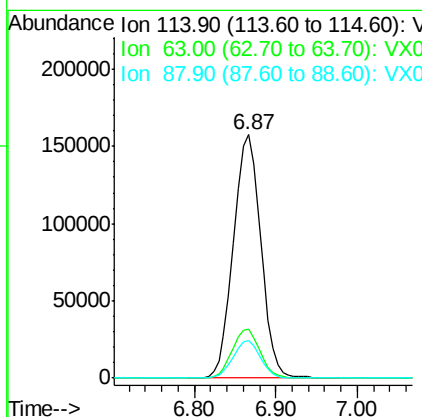
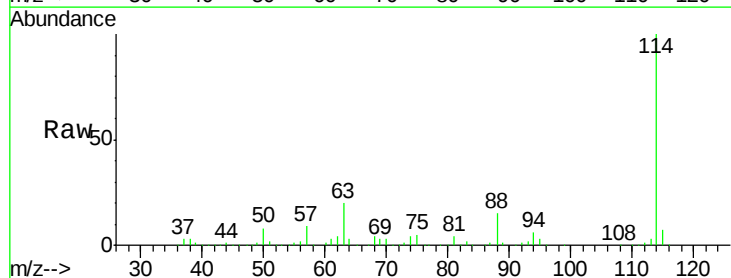
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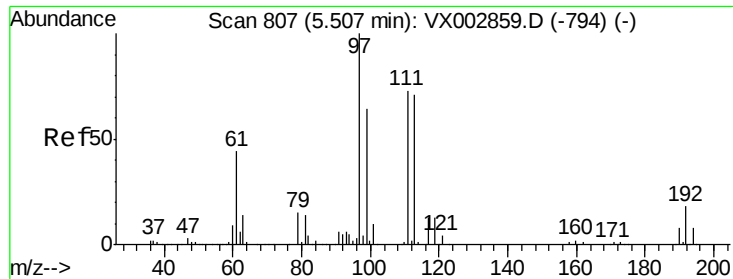
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.2	0.0	30.0





#35

Dibromofluoromethane

Concen: 5.28 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

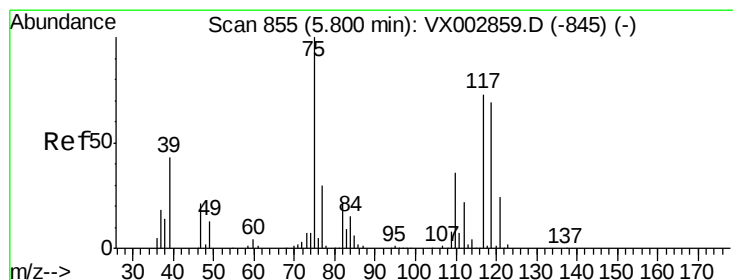
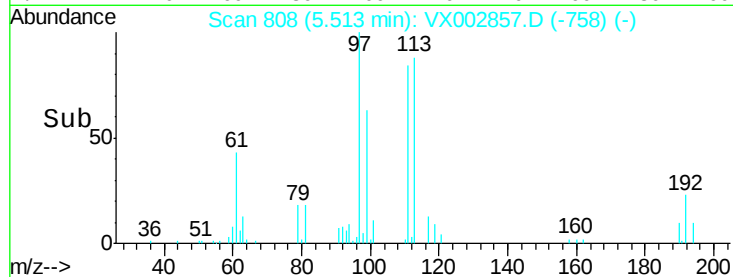
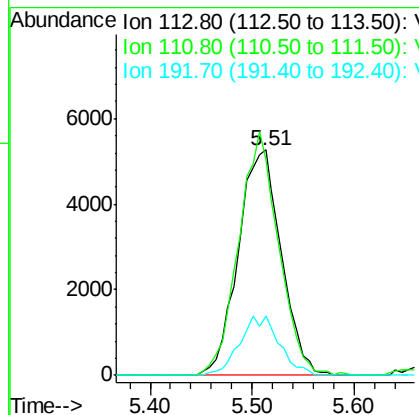
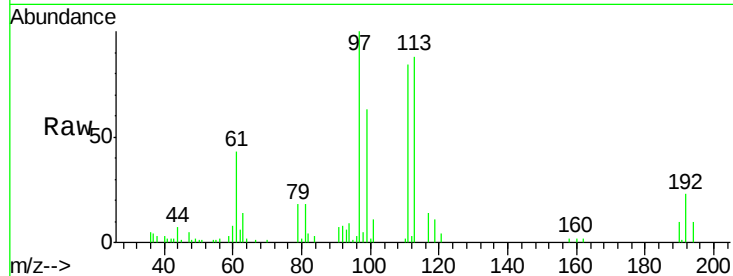
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	15431
Ion Ratio	Lower	Upper	
113	100		
111	100.2	81.4	122.0
192	24.4	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 5.21 ug/l

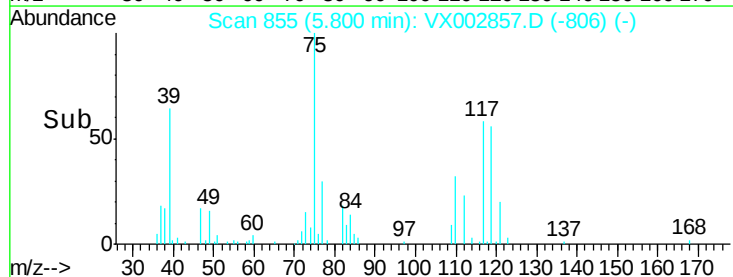
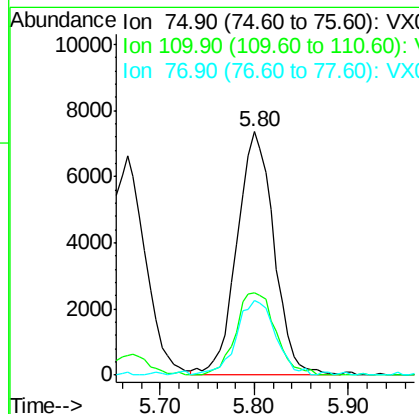
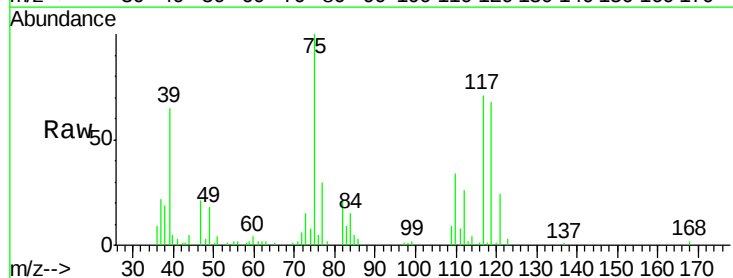
RT: 5.80 min Scan# 855

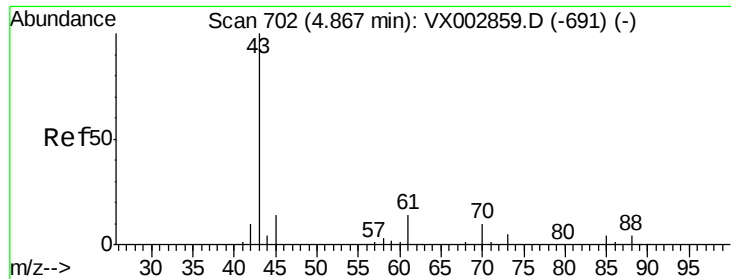
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	75	Resp:	20268
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.4
77	32.0	24.3	36.5





#37

Ethyl Acetate

Concen: 5.02 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

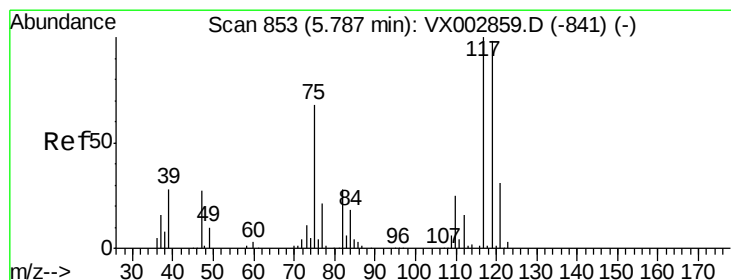
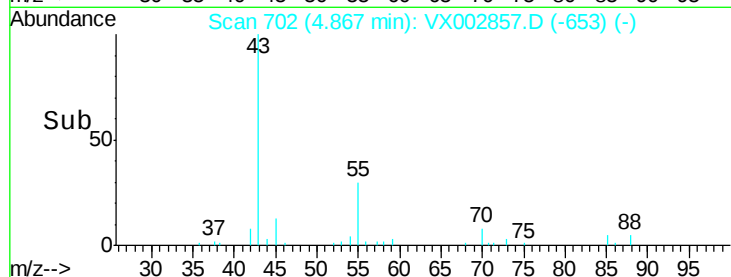
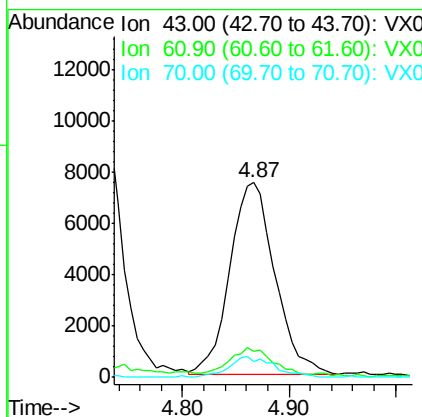
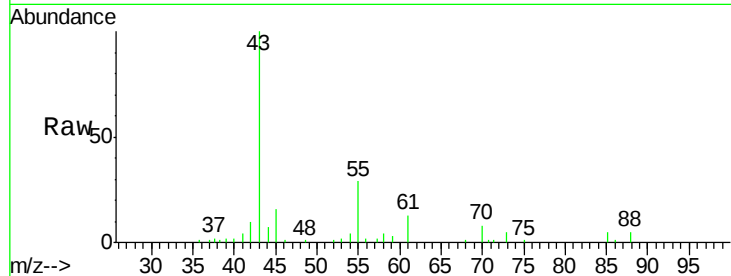
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	22128
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	10.8	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 5.34 ug/l

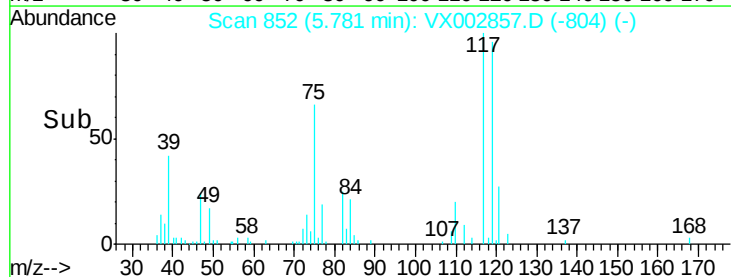
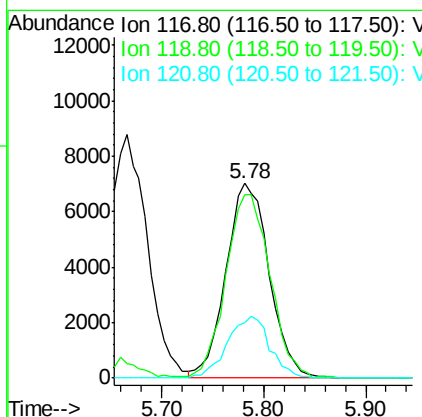
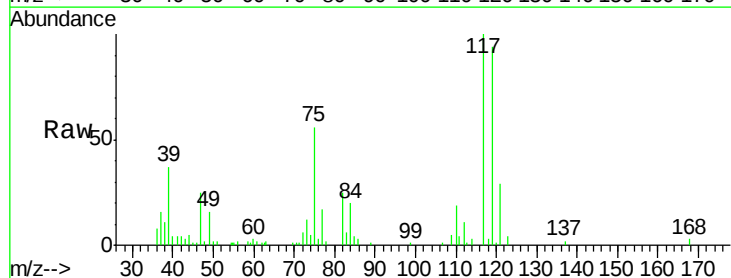
RT: 5.78 min Scan# 852

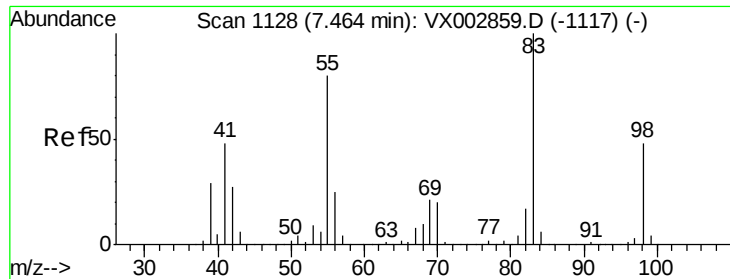
Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	117	Resp:	20673
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
121	28.7	24.4	36.6





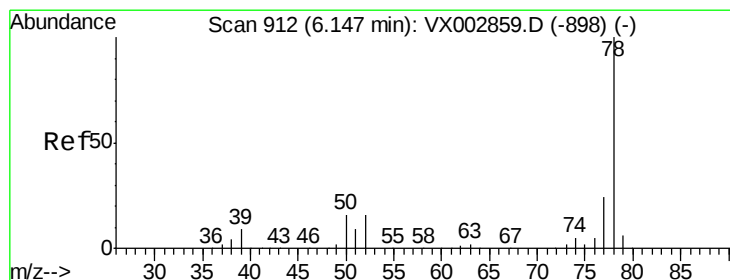
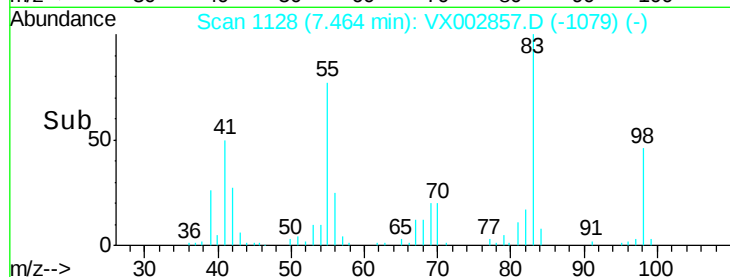
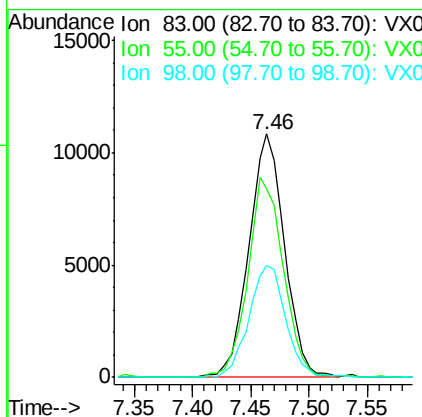
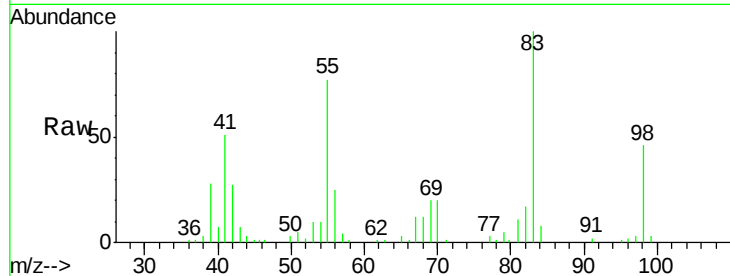
#39
Methvlcvclohexane
Concen: 5.06 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	65.4	98.0
98	46.1	37.4	56.0

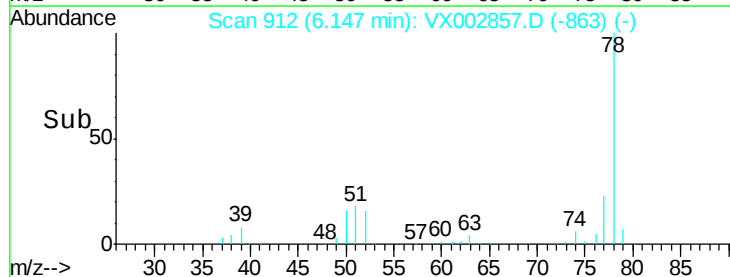
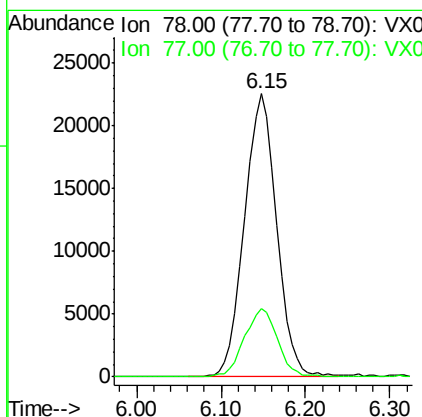
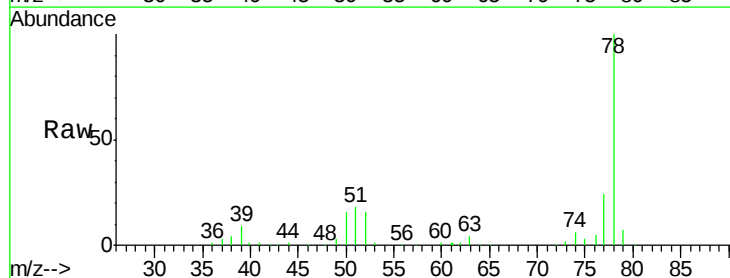
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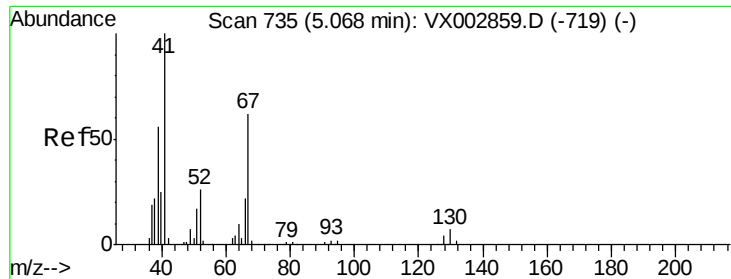
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#40
Benzene
Concen: 5.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





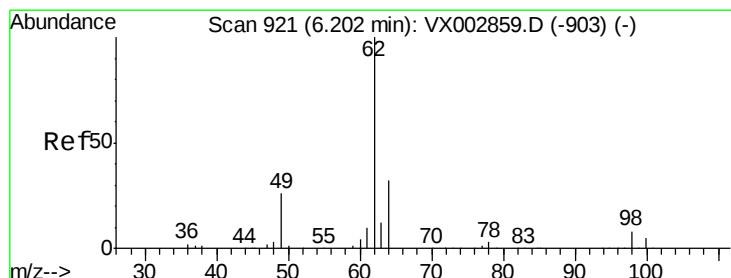
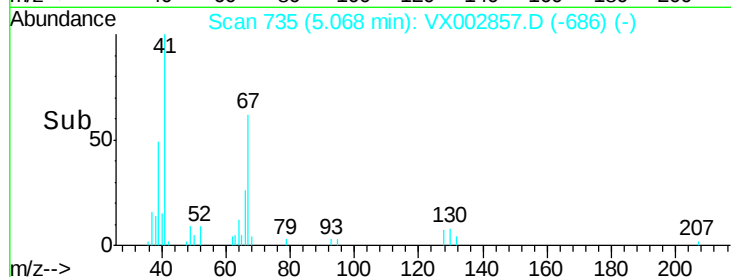
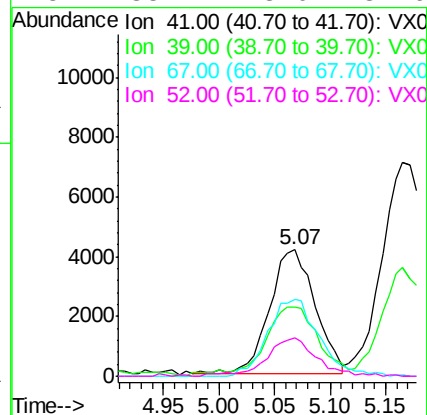
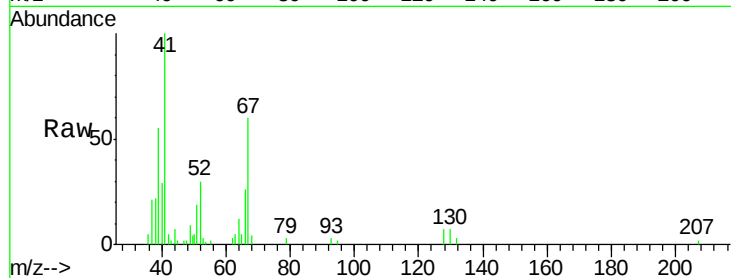
#41
Methacrylonitrile
Concen: 4.78 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.9	45.8	68.6	
67	69.6	51.3	76.9	
52	33.7	23.0	34.6	

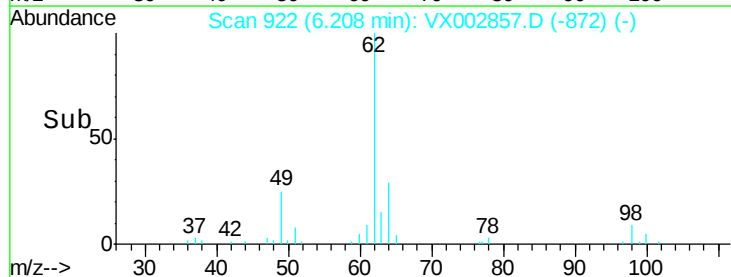
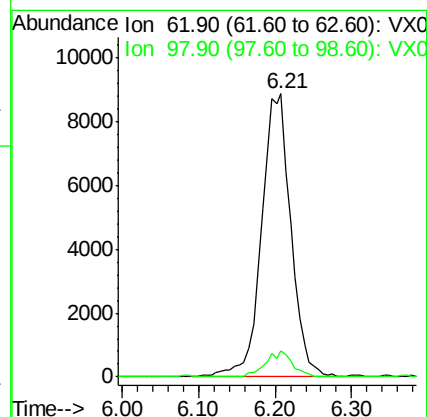
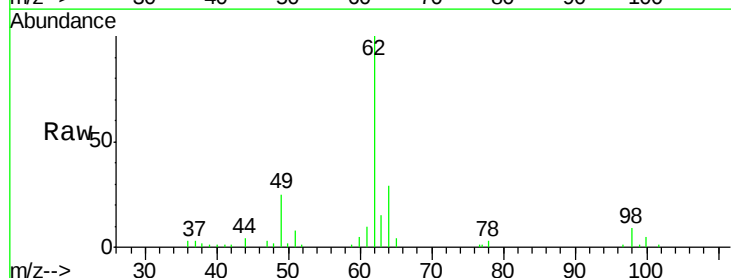
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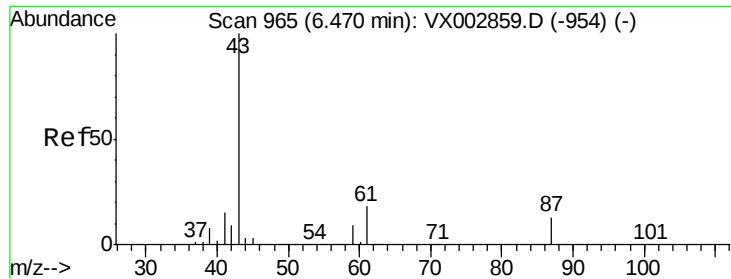
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6/28/2018 12:00:09 PM



#42
1,2-Dichloroethane
Concen: 5.26 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





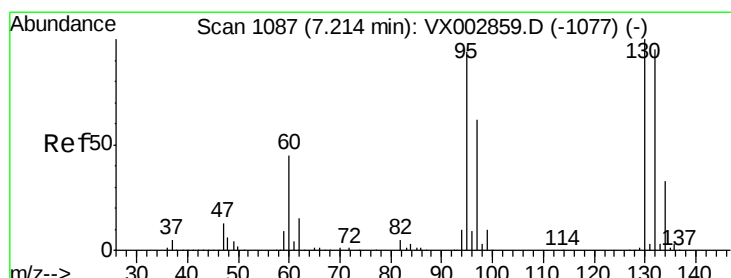
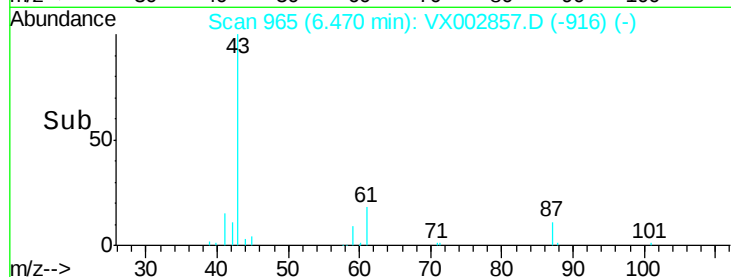
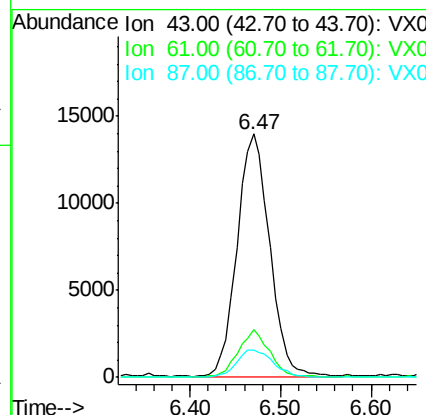
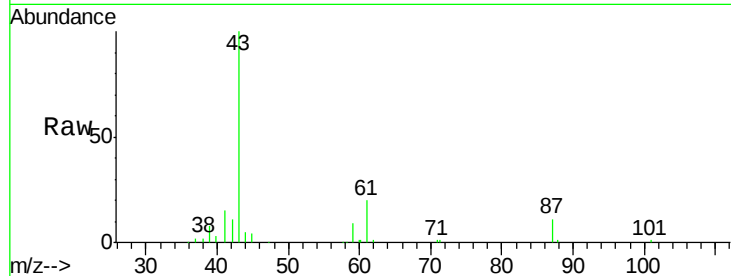
#43
Isopropyl Acetate
Concen: 4.74 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.4	21.6
87	12.6	9.5	14.3

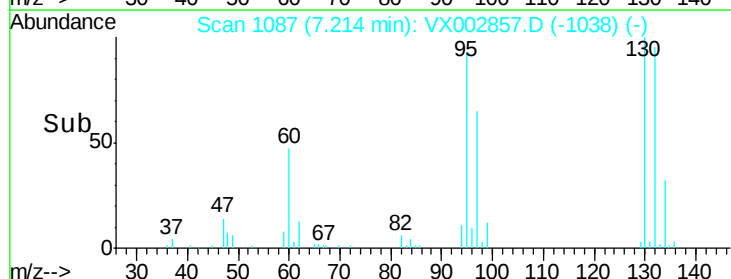
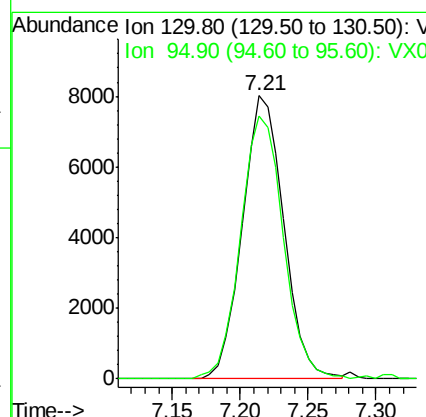
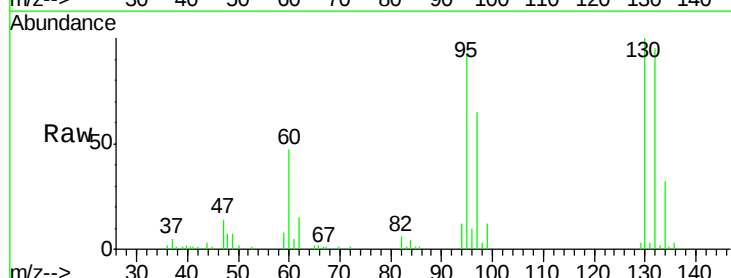
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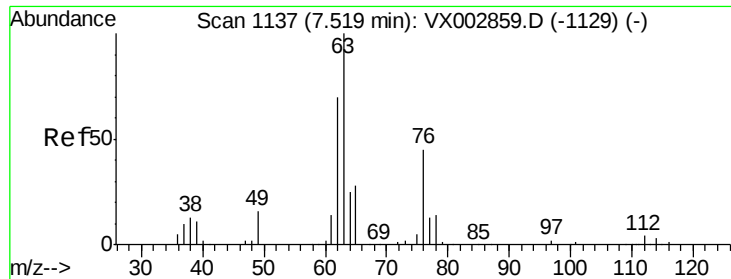
MMDadoda
6/28/2018 12:00:09 PM



#44
Trichloroethene
Concen: 5.06 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	185.4





#45

1,2-Dichloropropane

Concen: 5.15 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 15819

Ion Ratio Lower Upper

63 100

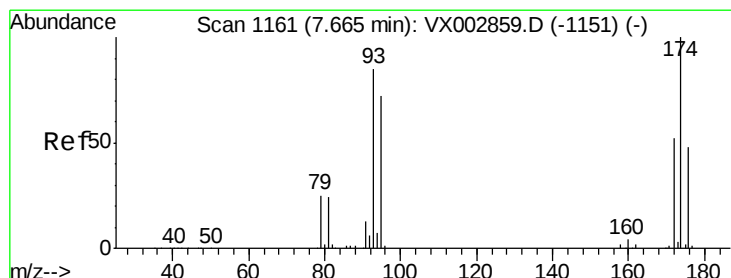
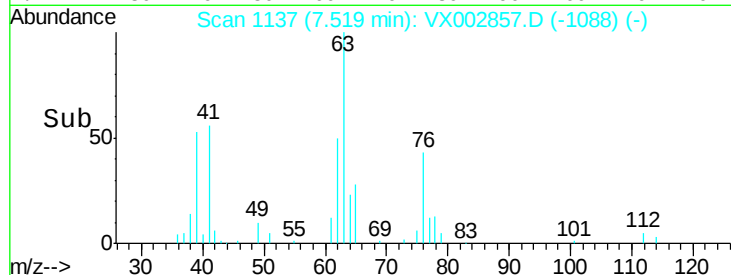
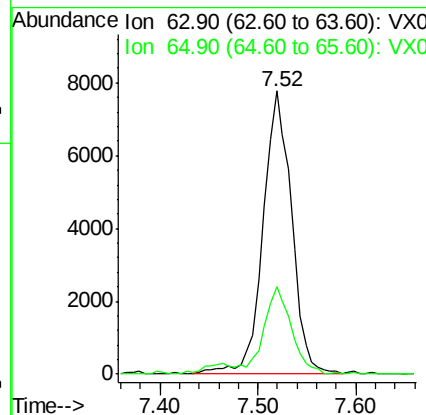
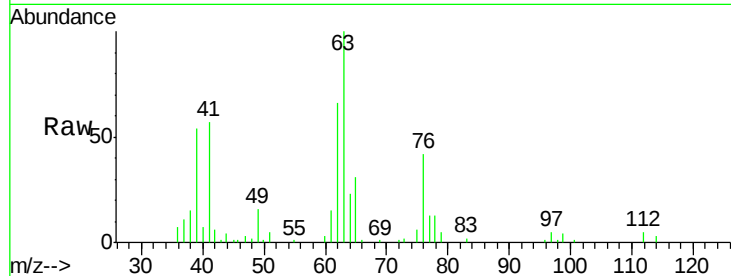
65 30.8 24.7 37.1

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#46

Dibromomethane

Concen: 5.14 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

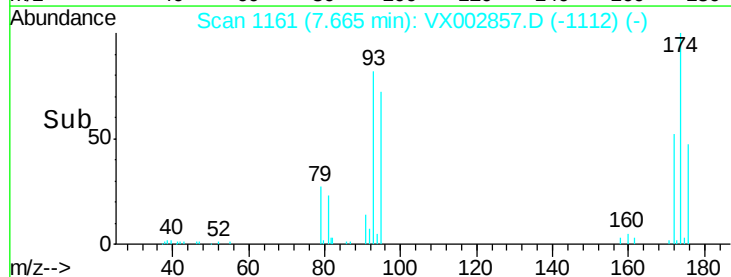
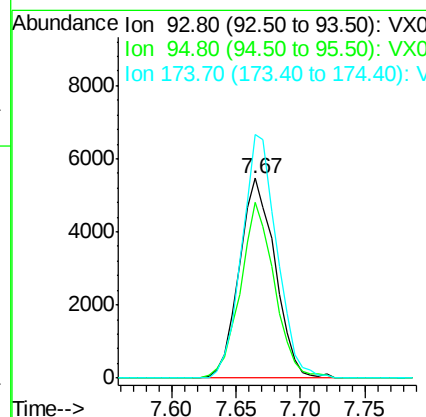
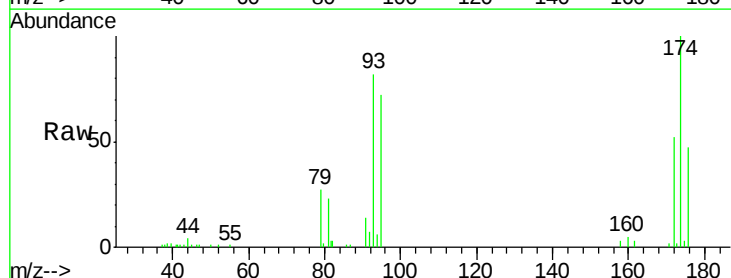
Tgt Ion: 93 Resp: 10553

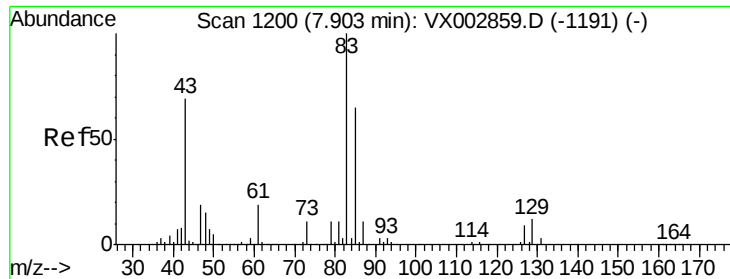
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 118.5 92.4 138.6





#47

Bromodichloromethane

Concen: 5.04 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

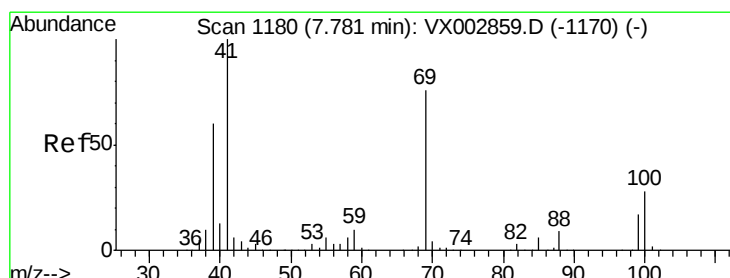
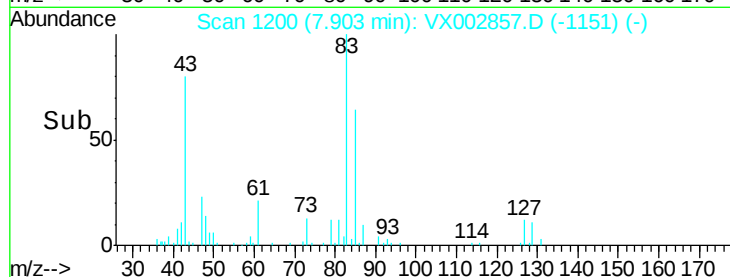
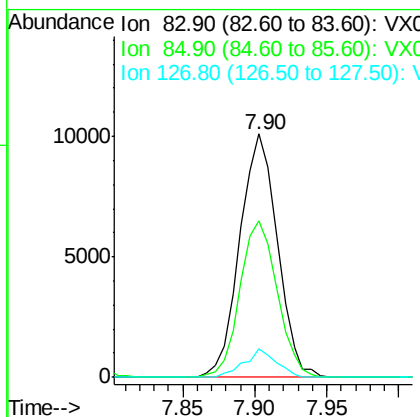
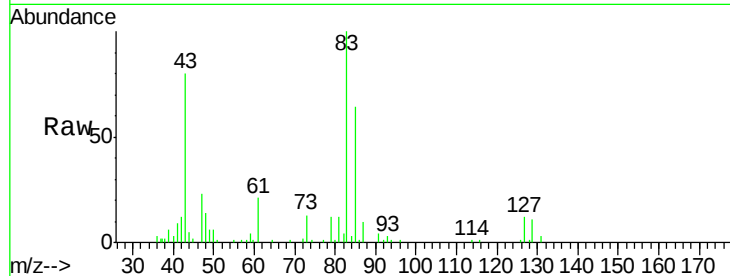
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	18243
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.3	75.5
127	11.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 4.66 ug/l

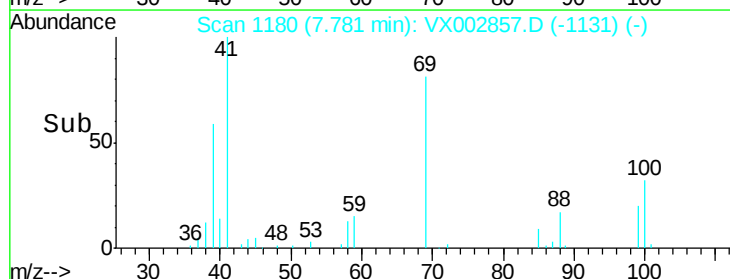
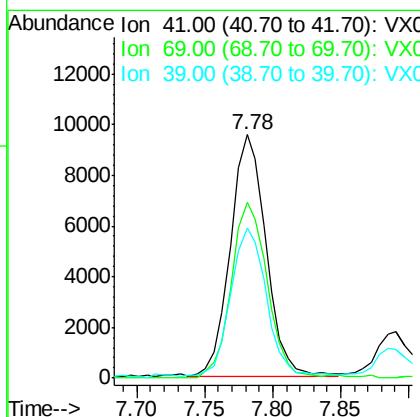
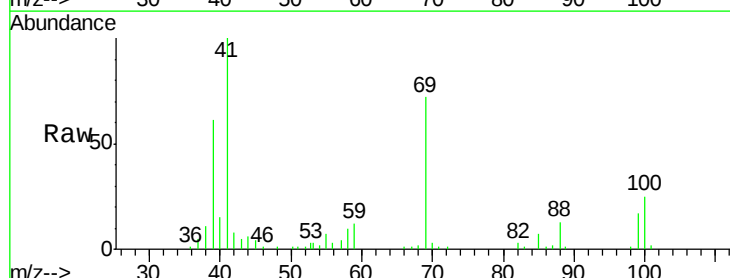
RT: 7.78 min Scan# 1180

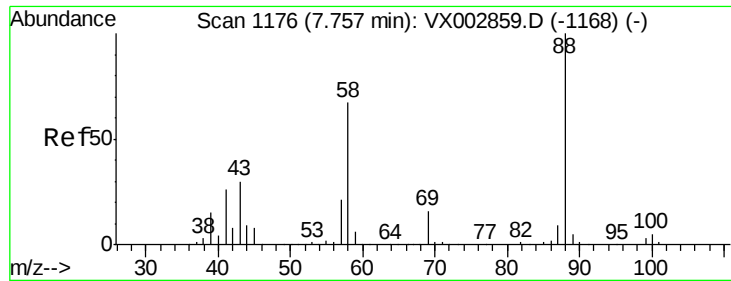
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	41	Resp:	17375
Ion	Ratio	Lower	Upper
41	100		
69	73.5	59.1	88.7
39	62.6	48.9	73.3





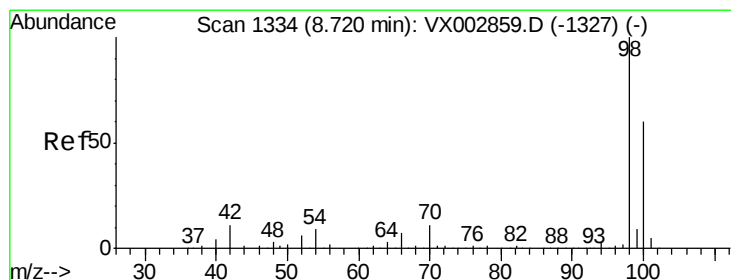
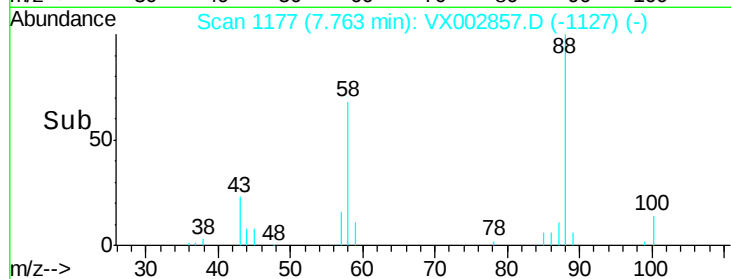
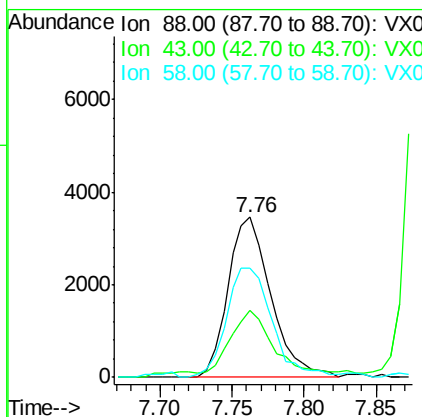
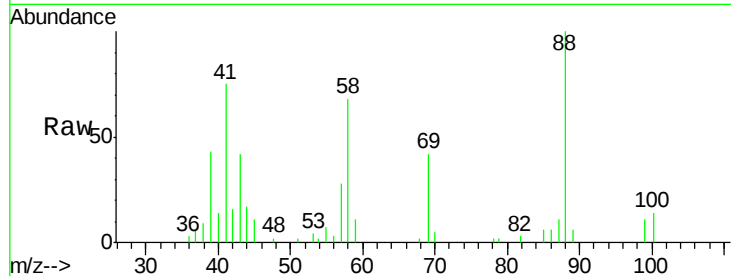
#49
1,4-Dioxane
Concen: 101.83 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	29.8	44.6
58	72.5	57.1	85.7

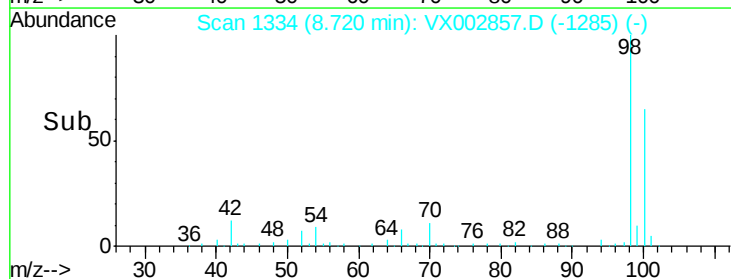
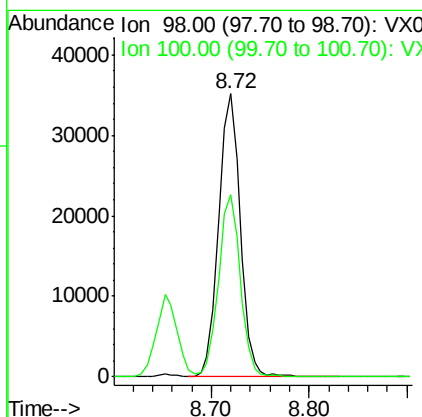
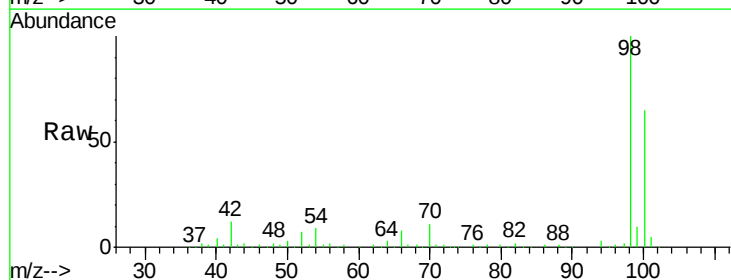
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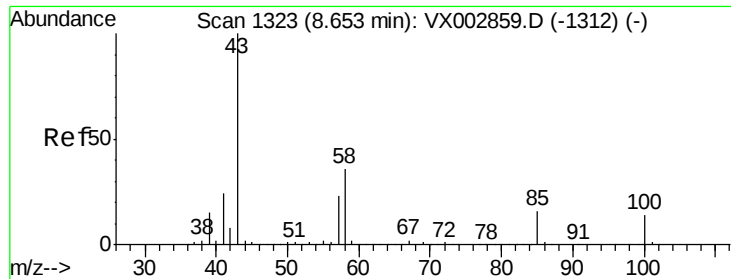
MMDadoda
6/28/2018 12:00:09 PM



#50
Toluene-d8
Concen: 4.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 23.66 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 110844

Ion Ratio Lower Upper

43 100

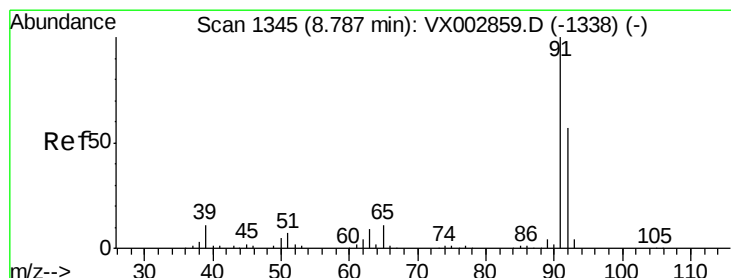
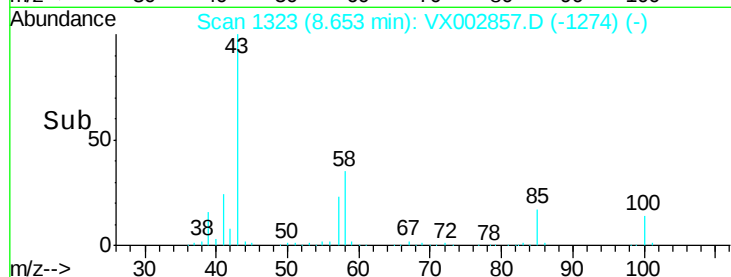
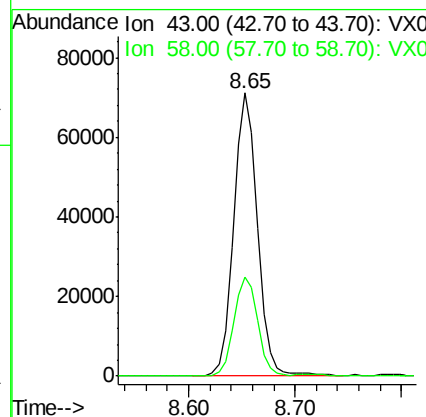
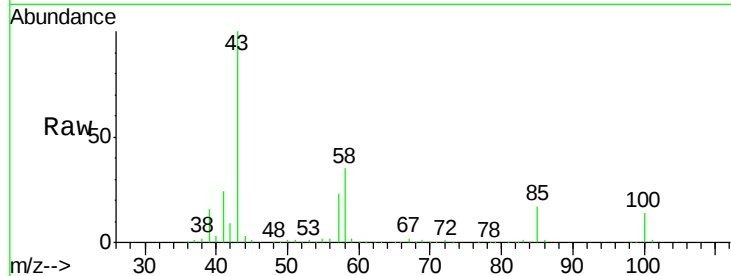
58 35.3 28.6 42.8

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#52

Toluene

Concen: 4.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002857.D

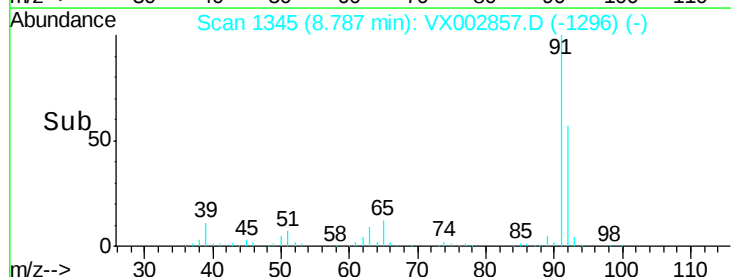
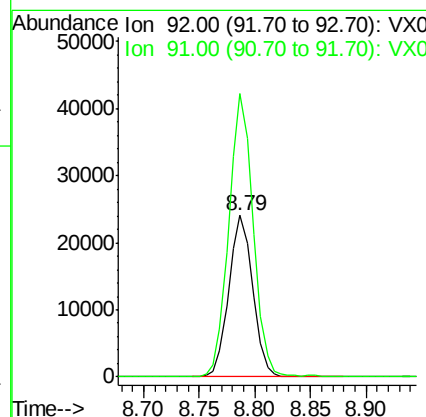
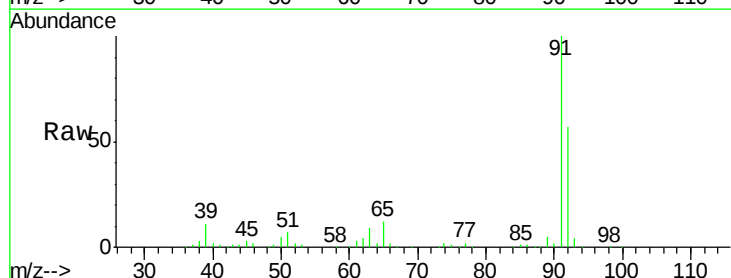
Acq: 25 Jun 2018 11:21

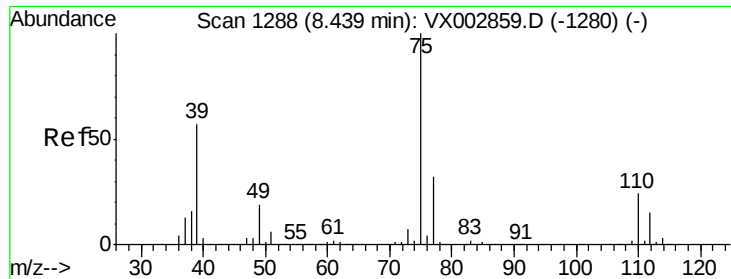
Tgt Ion: 92 Resp: 36052

Ion Ratio Lower Upper

92 100

91 177.5 140.4 210.6





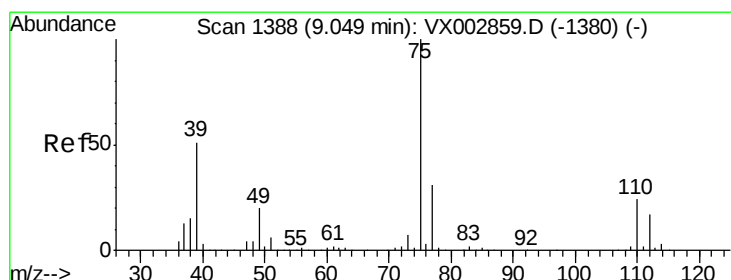
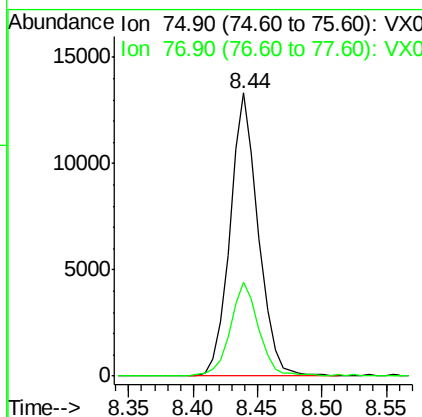
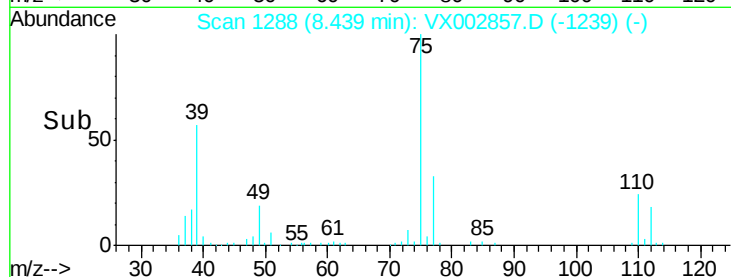
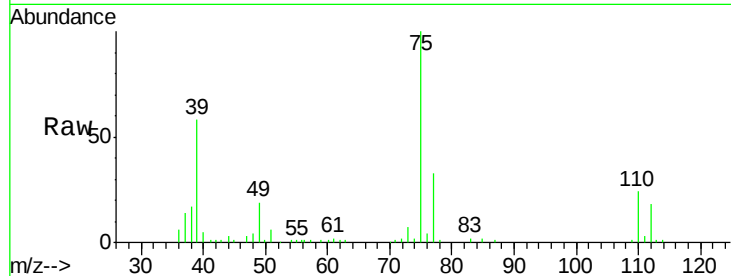
#53
t-1,3-Dichloropropene
Concen: 4.76 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 20274
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.2

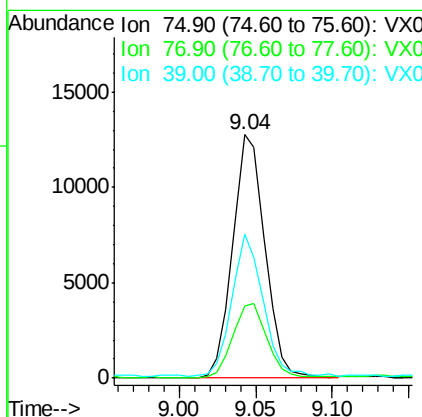
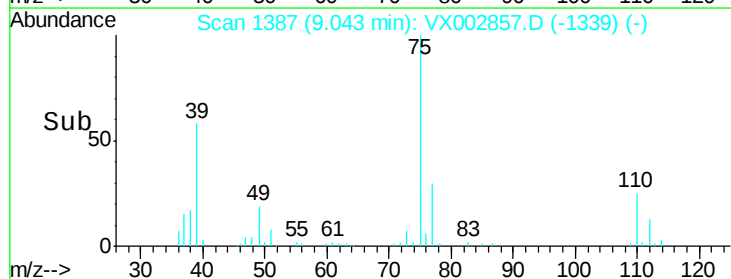
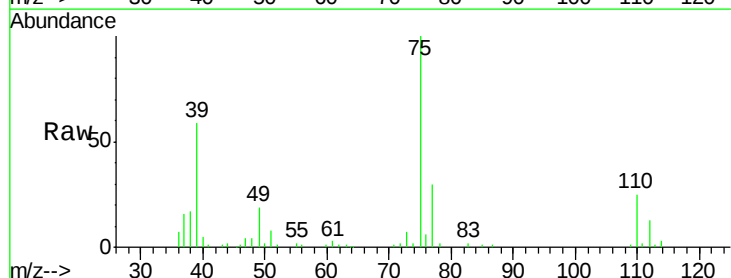
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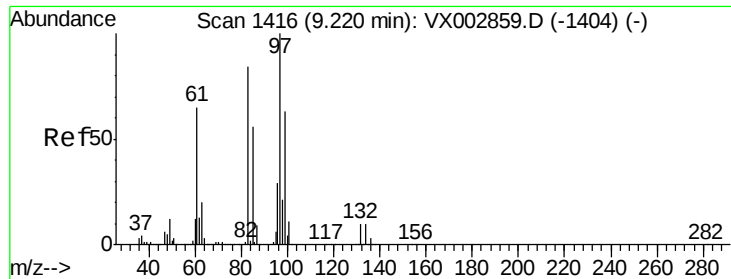
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#54
cis-1,3-Dichloropropene
Concen: 4.74 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 75 Resp: 18733
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2
39 58.1 42.4 63.6





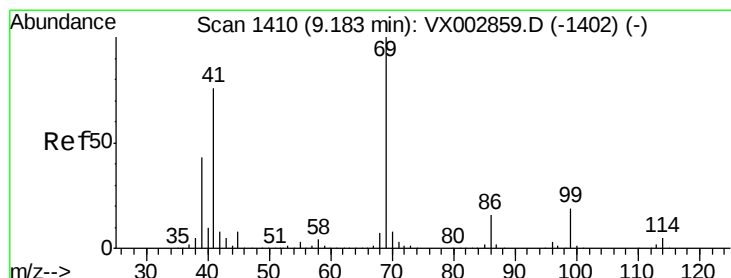
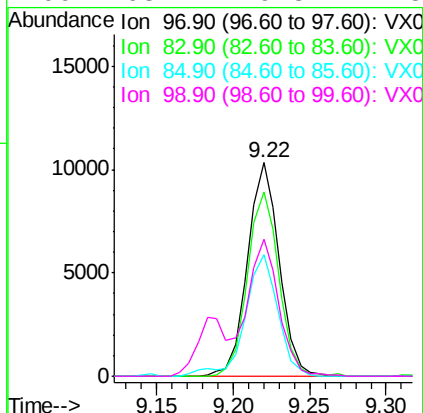
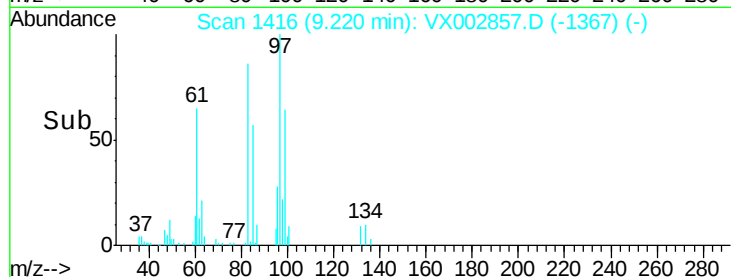
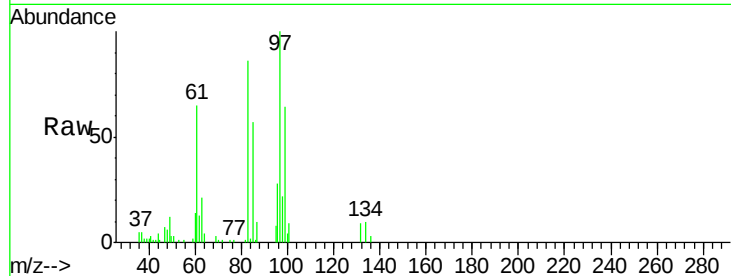
#55
 1,1,2-Trichloroethane
 Concen: 4.95 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	14881
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	56.9	44.9	67.3
99	63.4	49.8	74.8

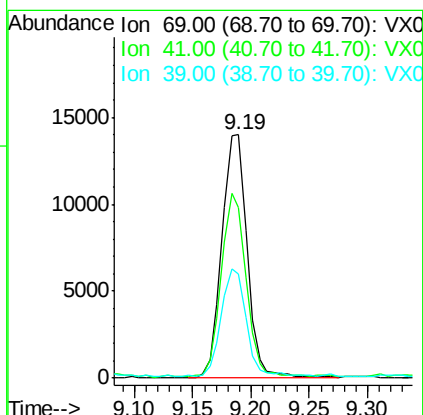
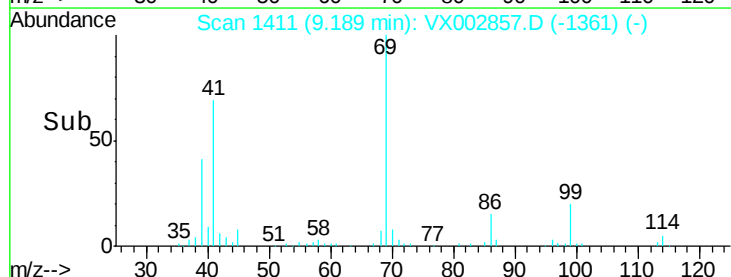
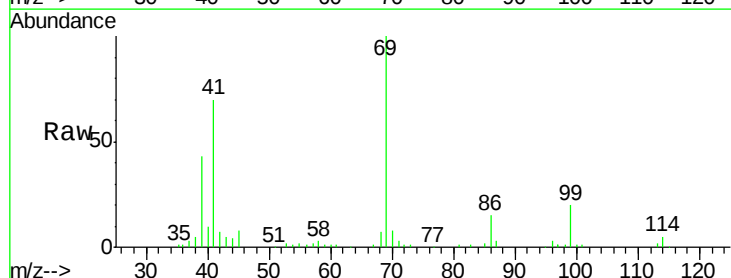
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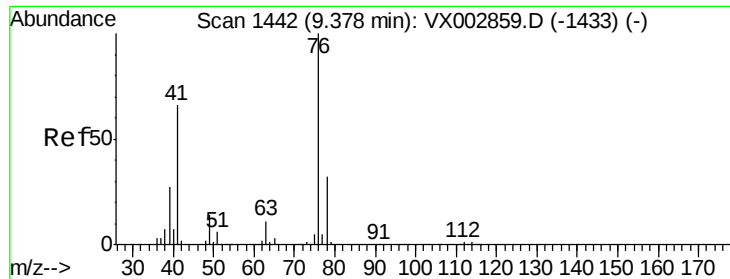
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#56
 Ethyl methacrylate
 Concen: 4.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion:	69	Resp:	21240
Ion	Ratio	Lower	Upper
69	100		
41	73.1	60.3	90.5
39	43.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 4.81 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 24490

Ion Ratio Lower Upper

76 100

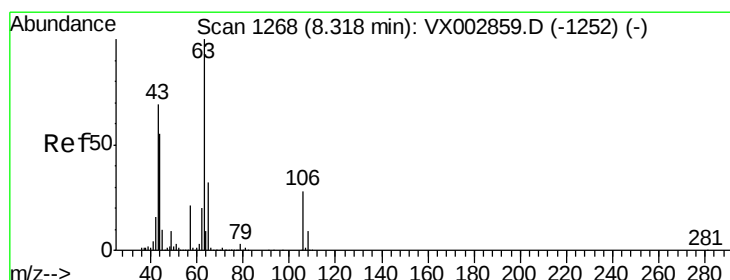
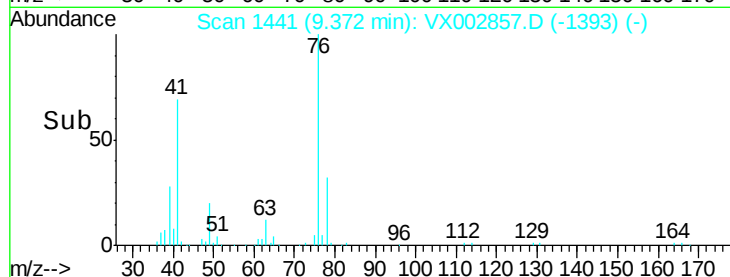
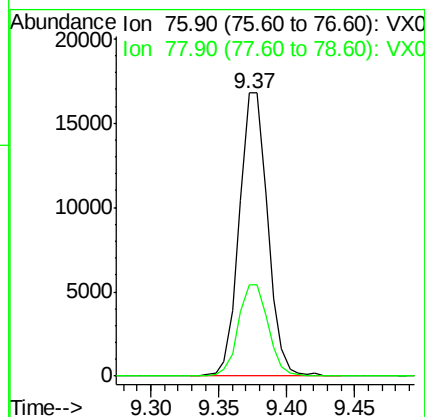
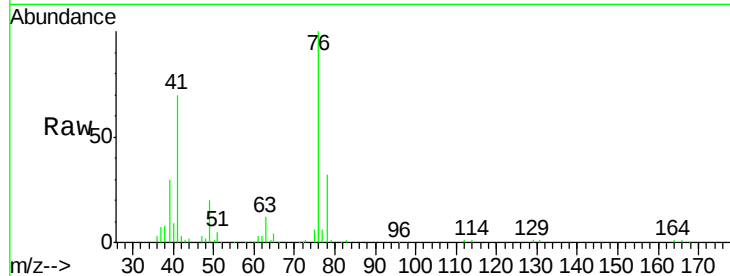
78 33.6 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 22.47 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002857.D

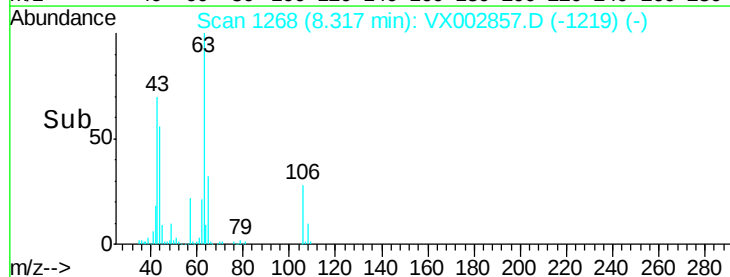
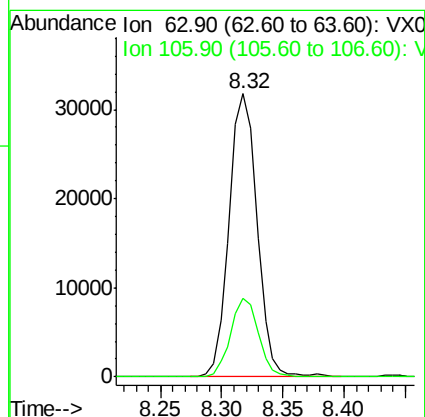
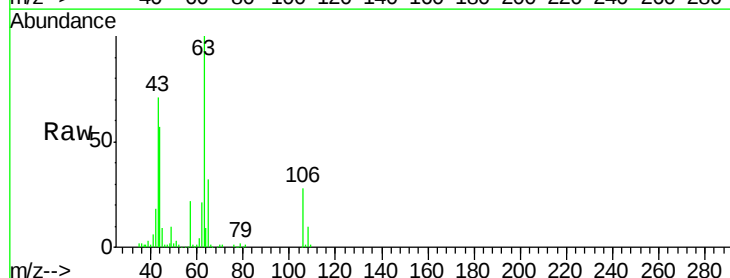
Acq: 25 Jun 2018 11:21

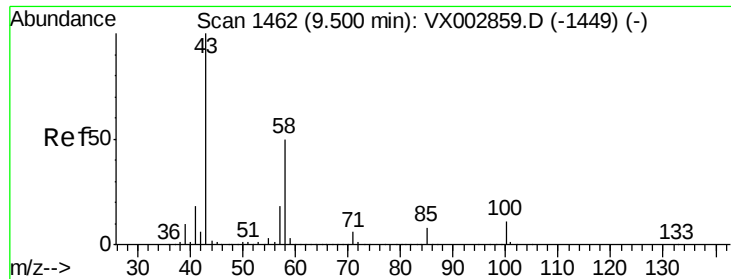
Tgt Ion: 63 Resp: 50289

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.8





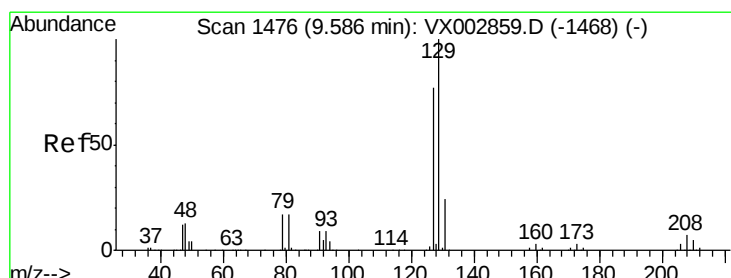
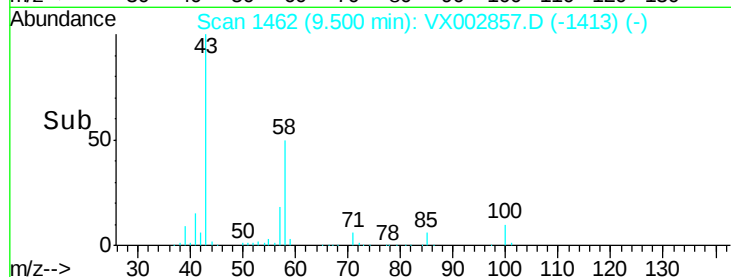
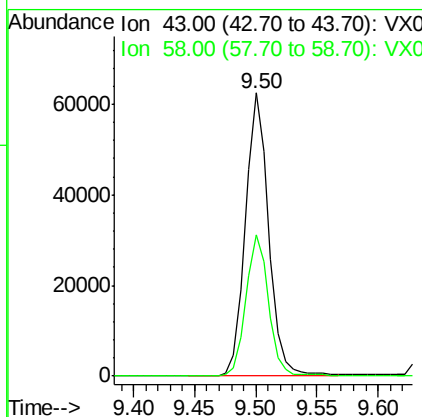
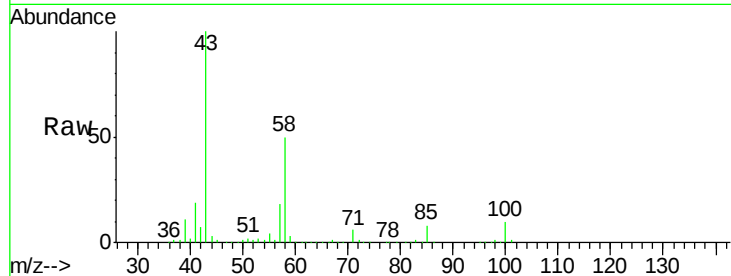
#59
2-Hexanone
Concen: 23.31 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 82307
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.6

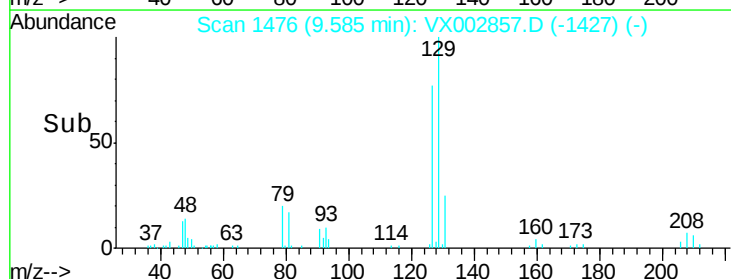
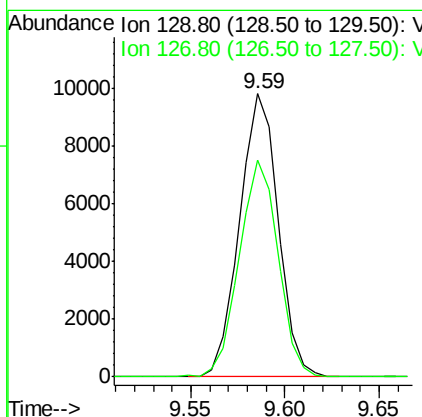
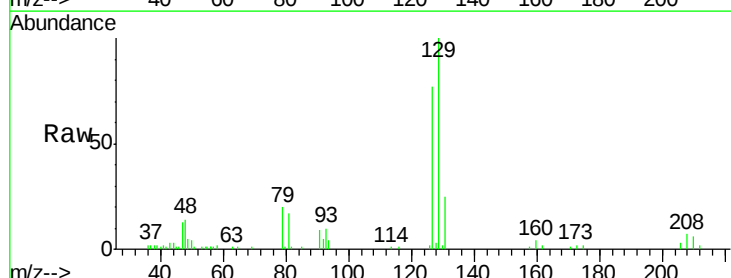
Manual Integrations
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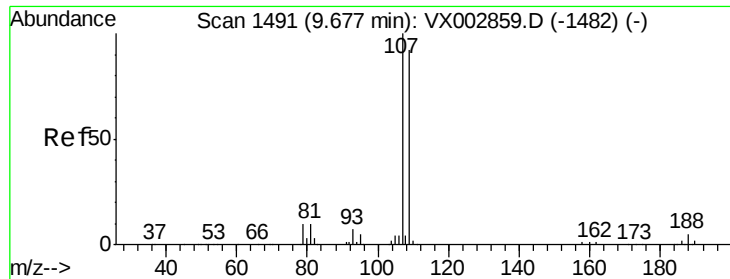
MMDadoda
6/28/2018 12:00:09 PM



#60
Dibromochloromethane
Concen: 4.79 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 129 Resp: 13915
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 4.88 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 15197

Ion Ratio Lower Upper

107 100

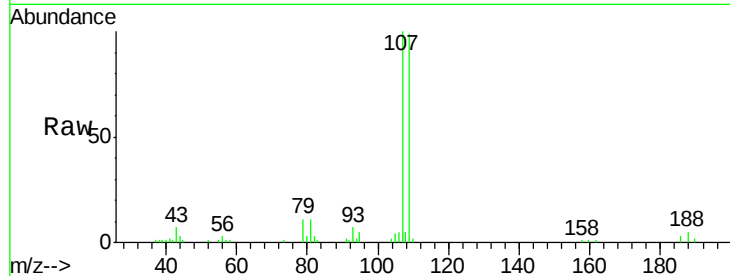
109 97.8 75.3 112.9

Manual Integrations

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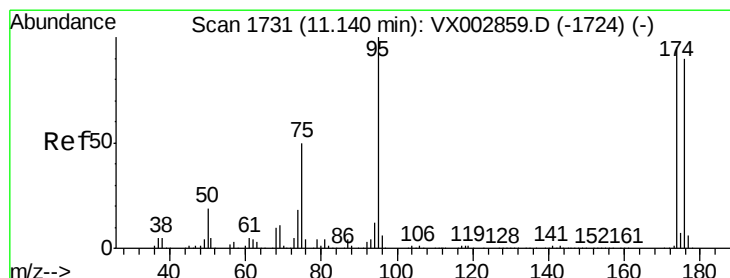
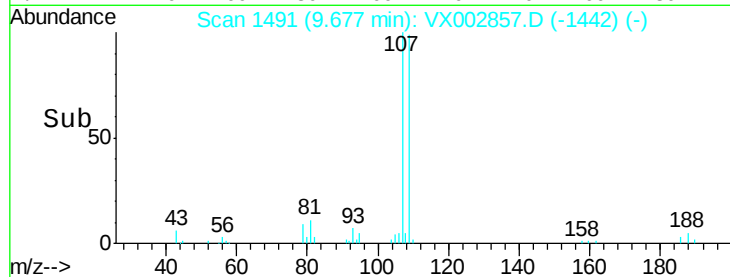
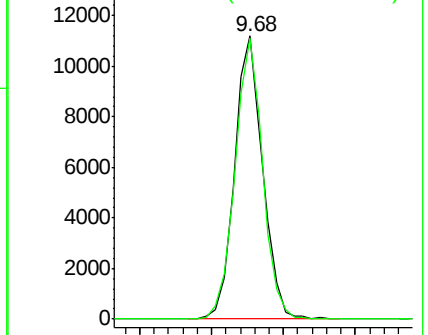
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

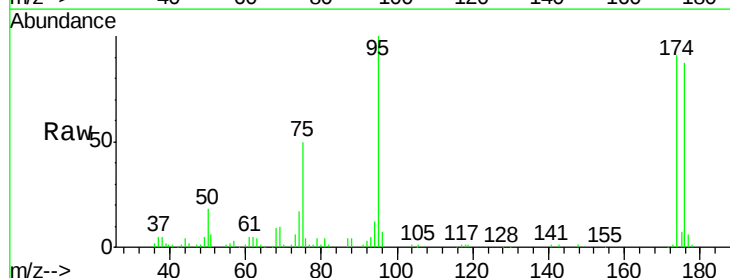
Tgt Ion: 95 Resp: 19656

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

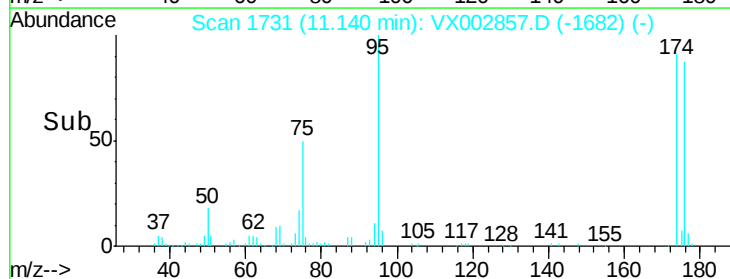
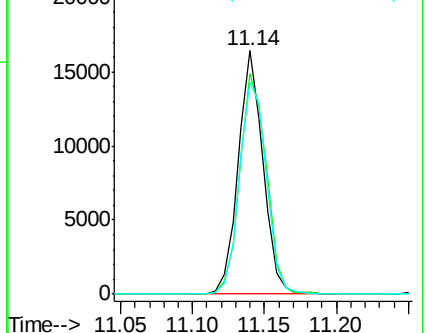
176 93.9 0.0 181.0

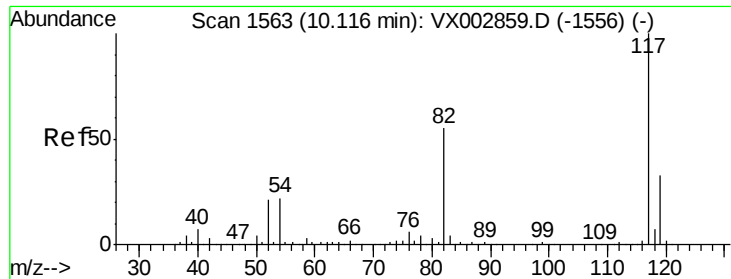


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





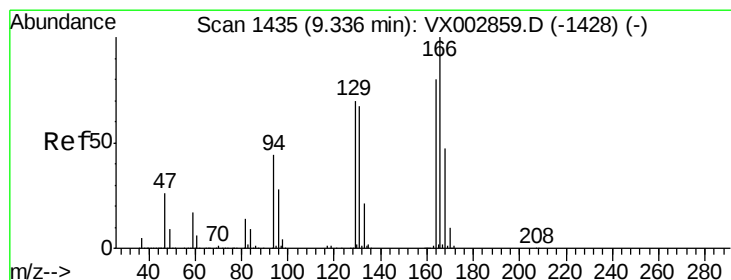
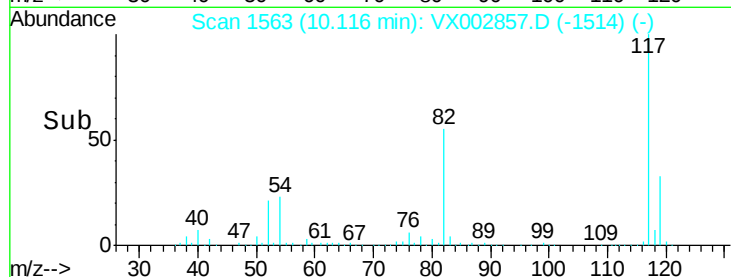
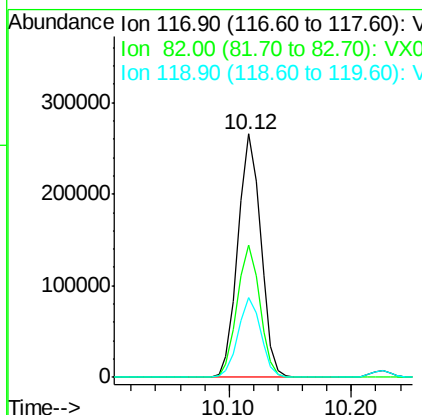
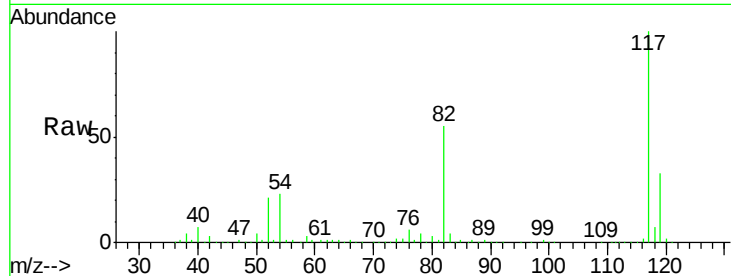
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.0	67.4
119	32.9	25.8	38.6

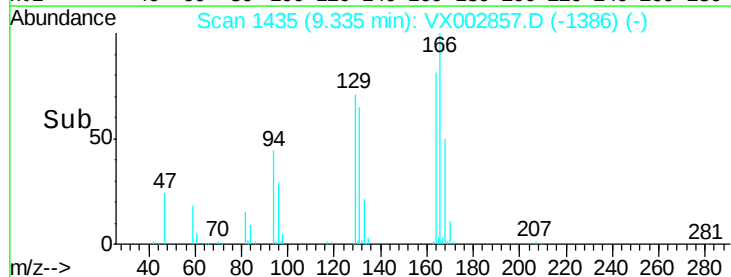
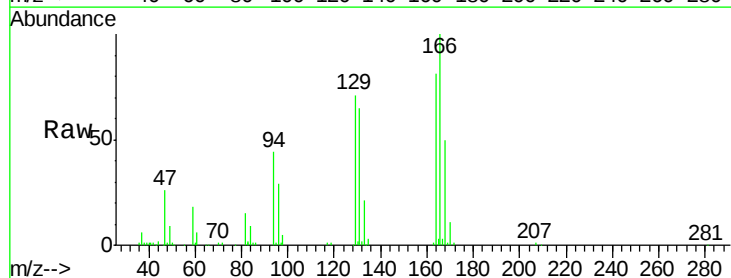
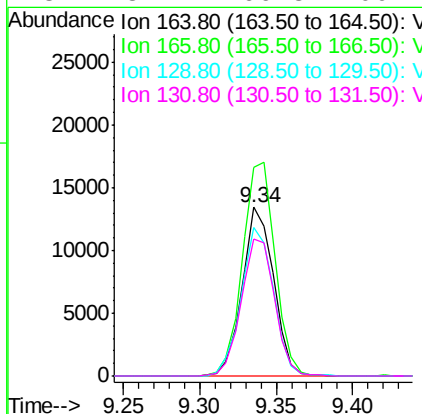
Manual Integrations
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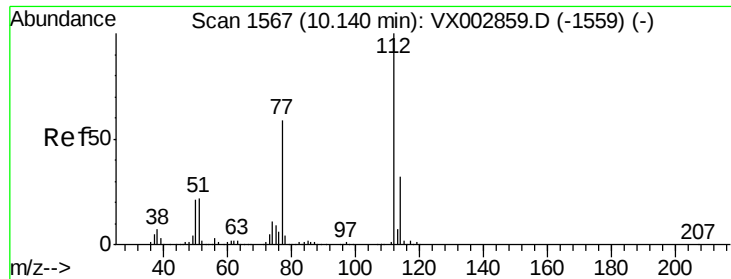
MMDadoda
6/28/2018 12:00:09 PM



#64
Tetrachloroethene
Concen: 5.01 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	102.9	154.3
129	88.4	68.6	102.8
131	81.2	66.8	100.2





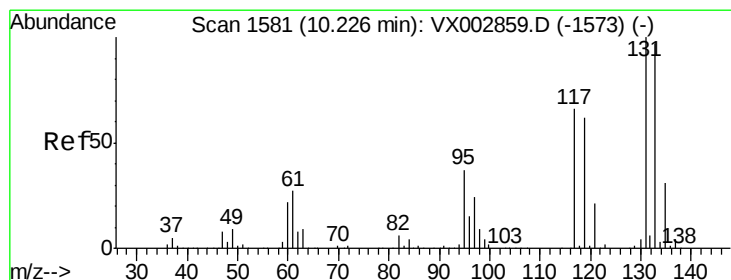
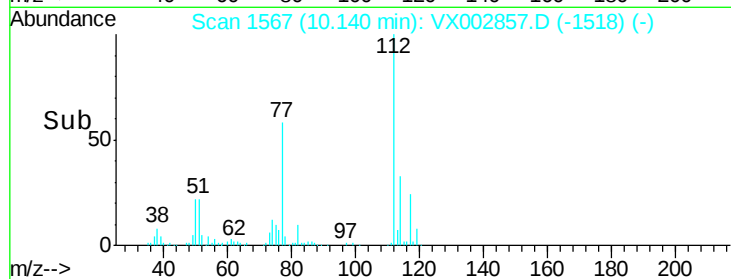
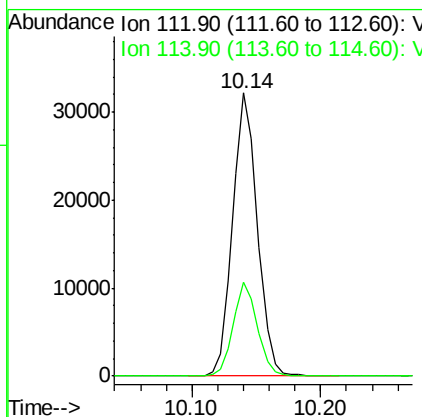
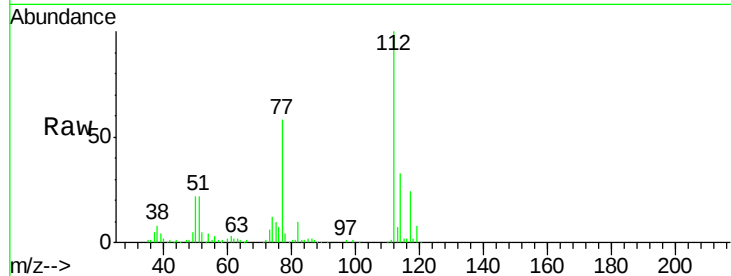
#65
Chlorobenzene
Concen: 5.13 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 43338
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9

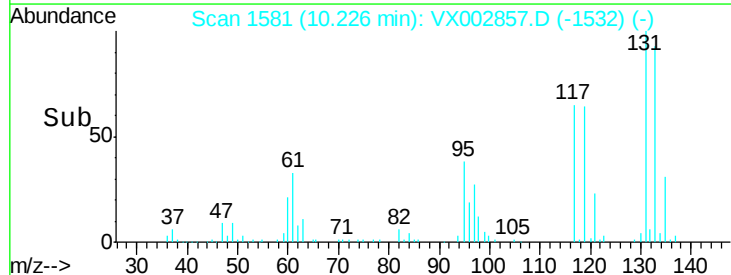
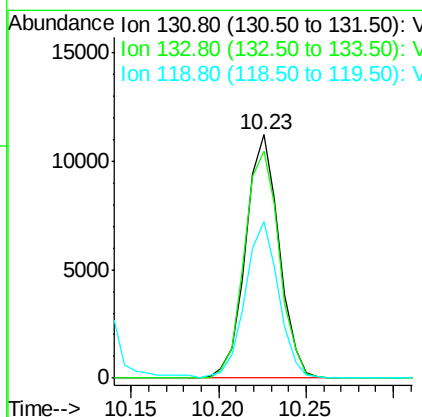
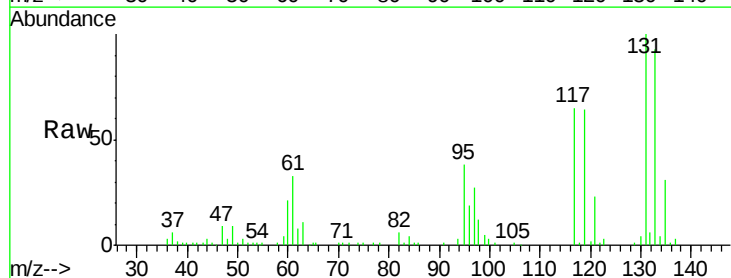
Manual Integrations
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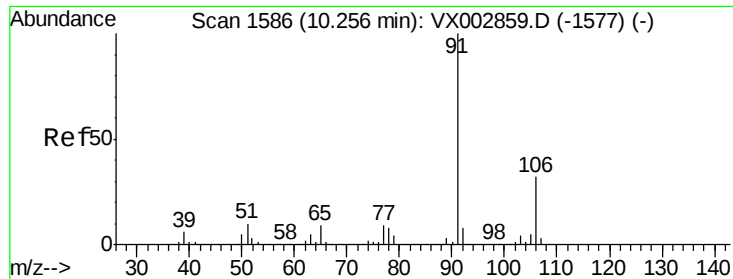
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.19 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion:131 Resp: 14956
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.6
119 64.1 31.8 95.3





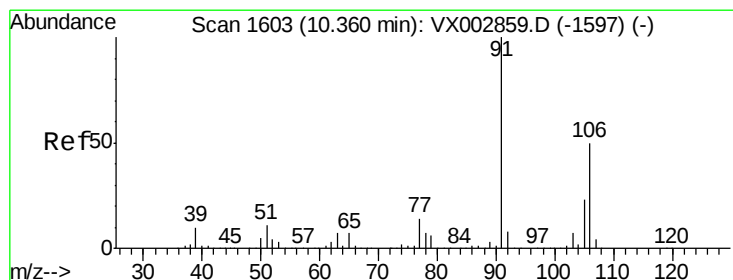
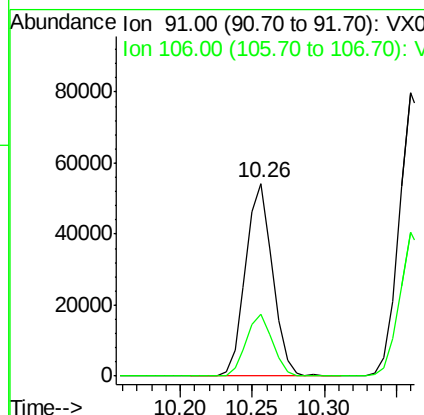
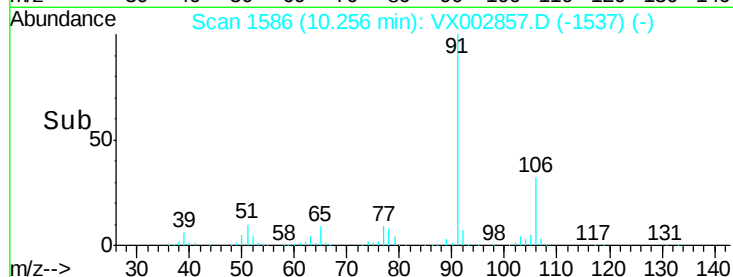
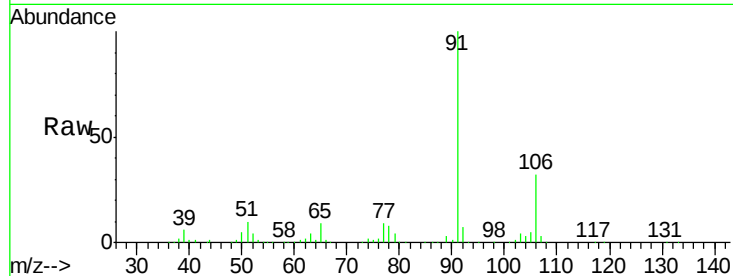
#67
Ethyl Benzene
Concen: 4.92 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 70173
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

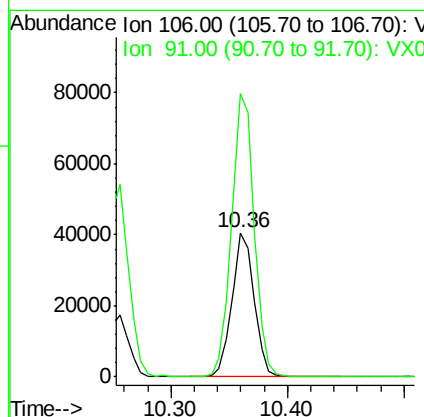
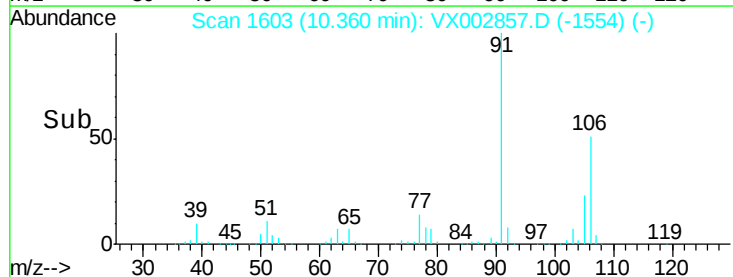
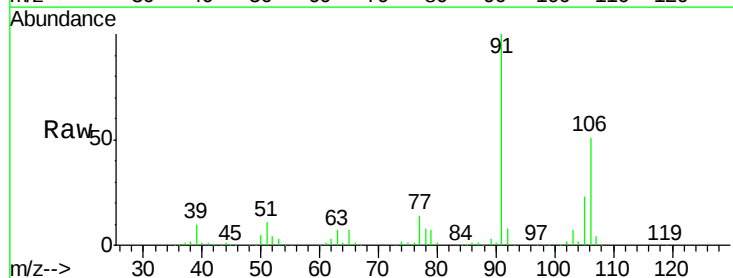
Manual Integrations
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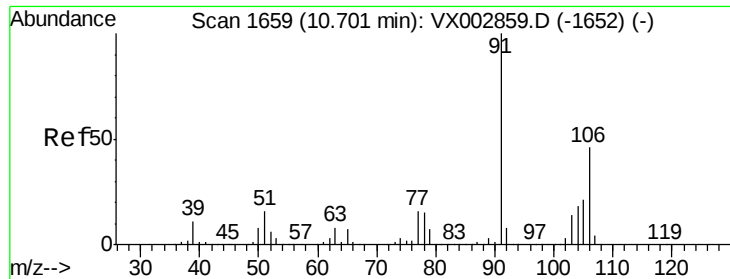
MMDadoda
6/28/2018 12:00:09 PM



#68
m/p-Xylenes
Concen: 9.80 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 106 Resp: 53895
Ion Ratio Lower Upper
106 100
91 199.8 163.4 245.2





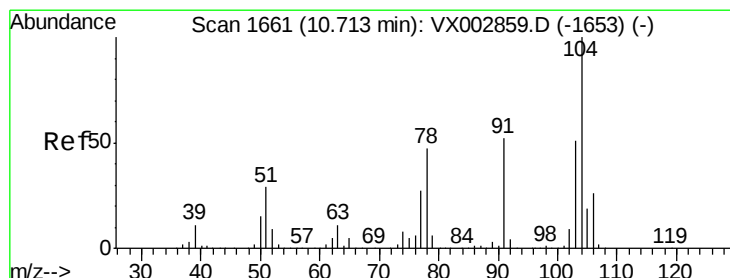
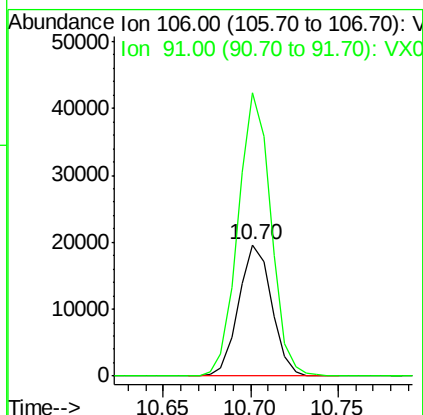
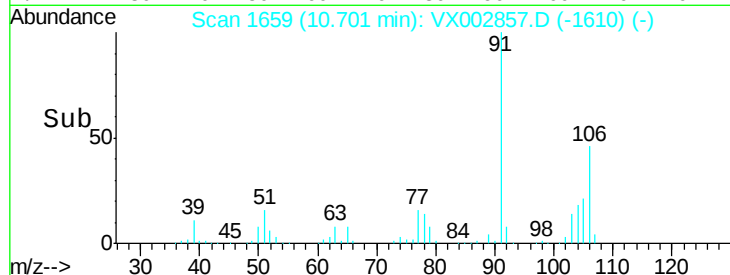
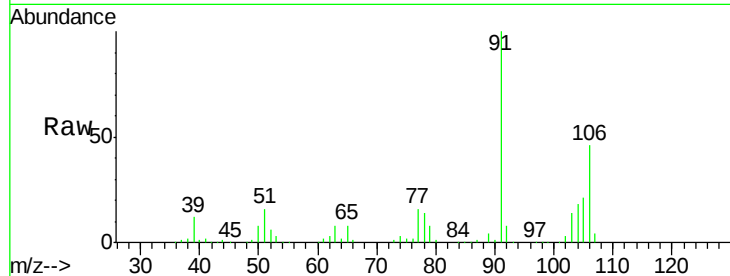
#69
o-Xylene
Concen: 4.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 25926
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

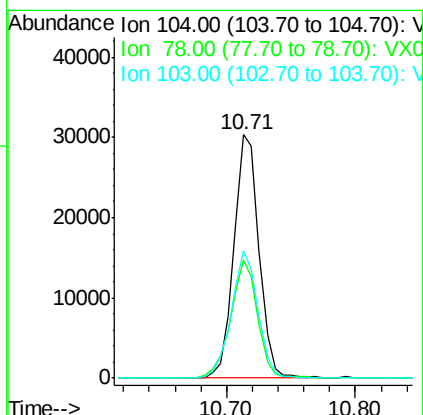
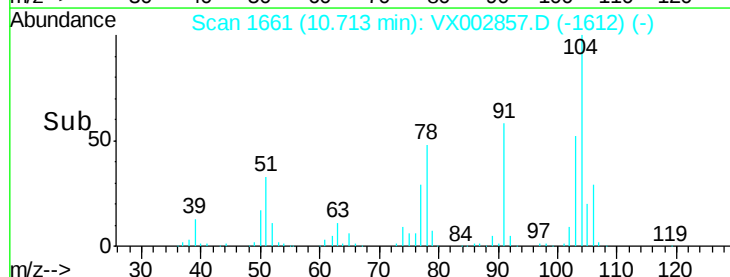
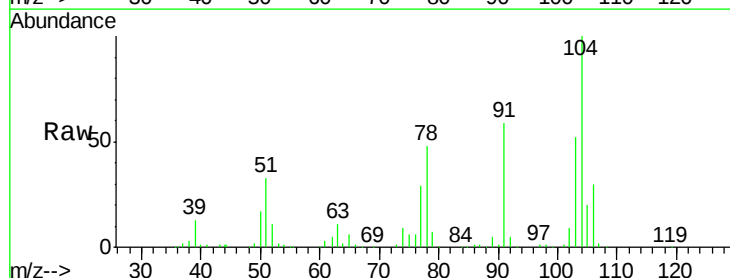
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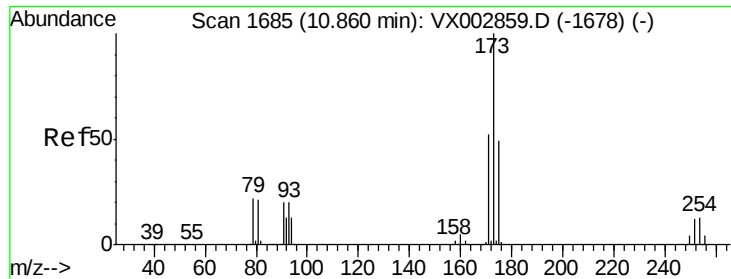
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#70
Styrene
Concen: 4.64 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion:104 Resp: 41202
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 55.7 44.2 66.4





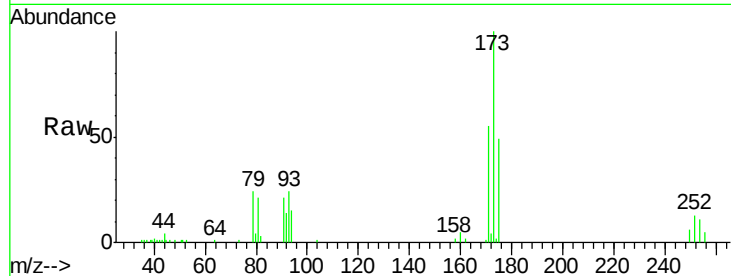
#71
Bromoform
Concen: 4.77 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

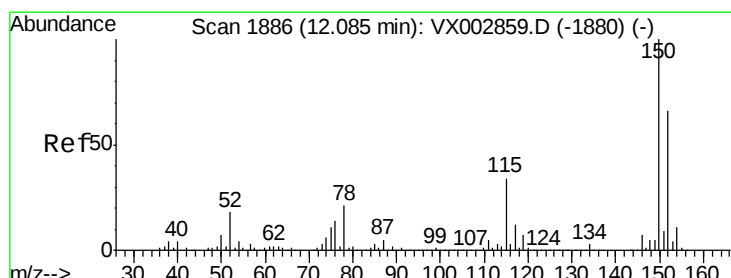
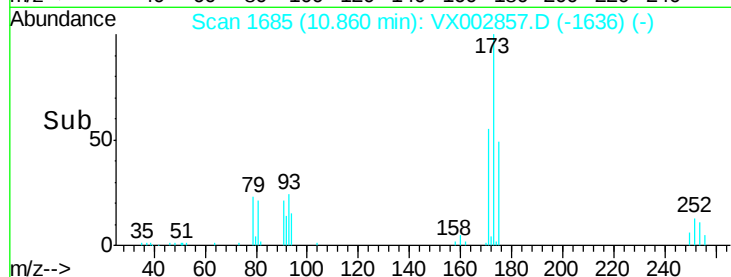
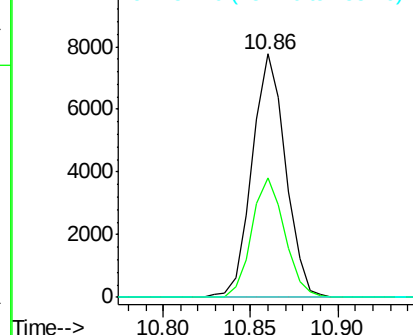
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.7	74.1
254	0.0	0.2	0.2

Manual Integrations
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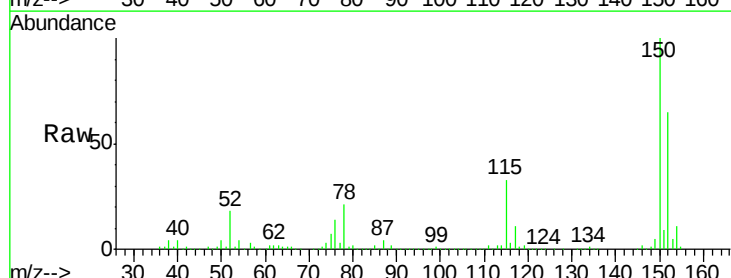


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

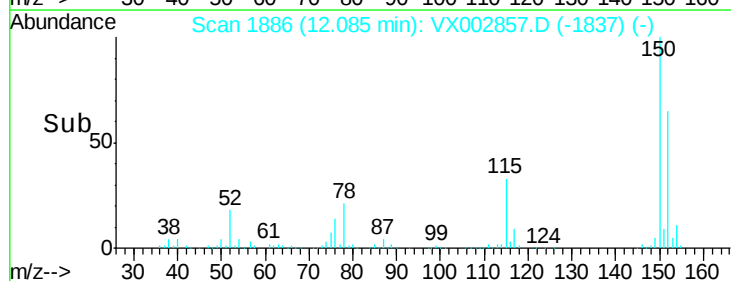
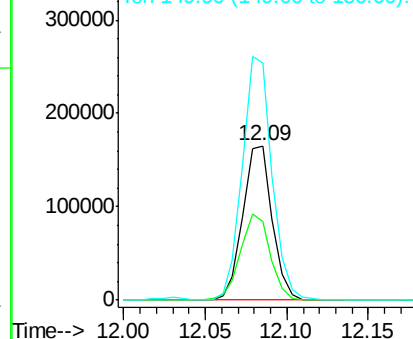


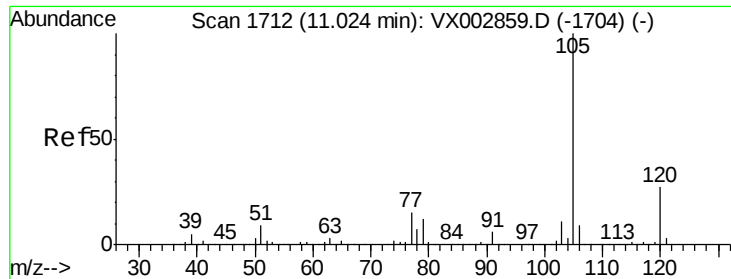
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	40.1	120.2
150	159.5	0.0	347.2



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





#73

Isopropylbenzene

Concen: 4.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 68950

Ion Ratio Lower Upper

105 100

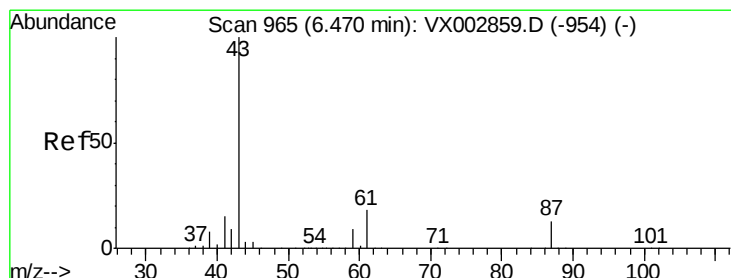
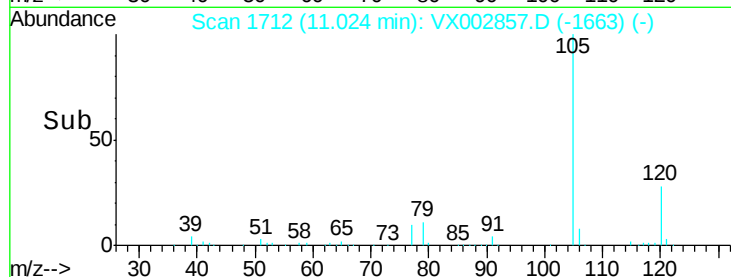
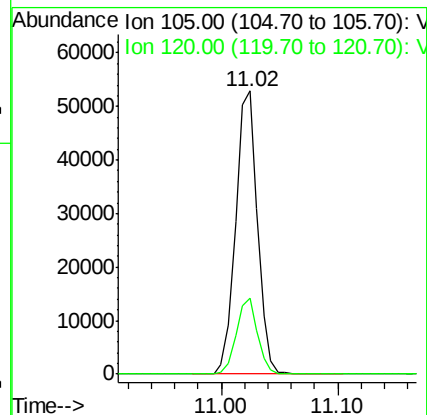
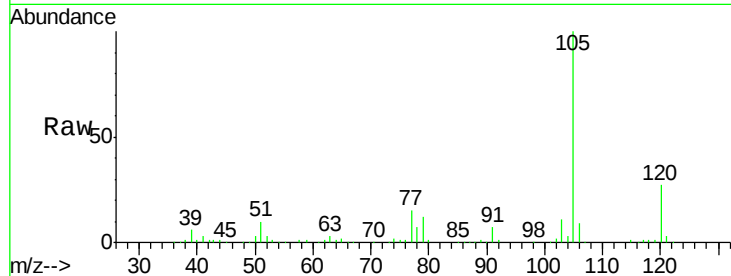
120 26.0 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 5.01 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion: 43 Resp: 34586

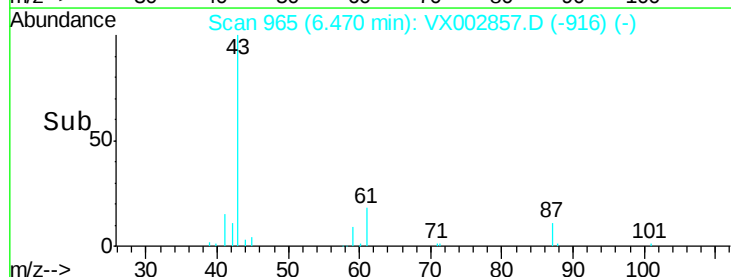
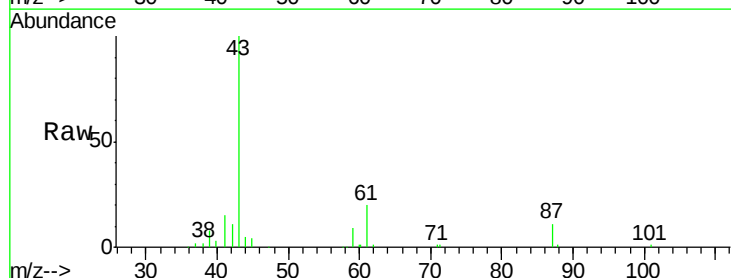
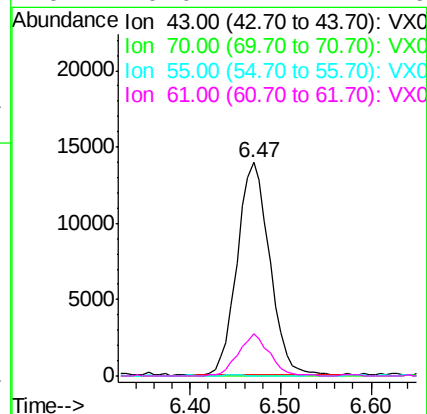
Ion Ratio Lower Upper

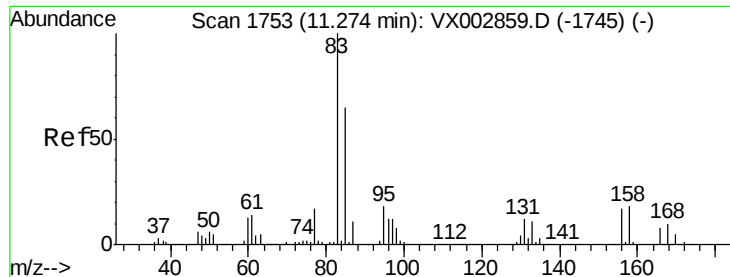
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.46 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

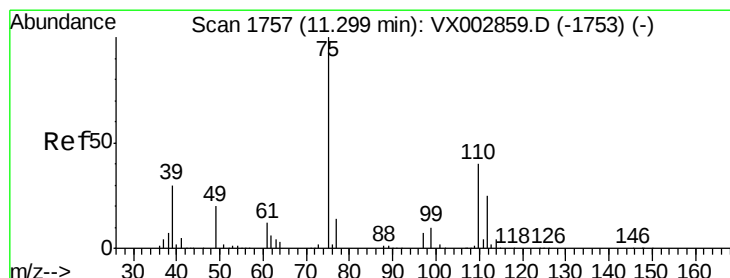
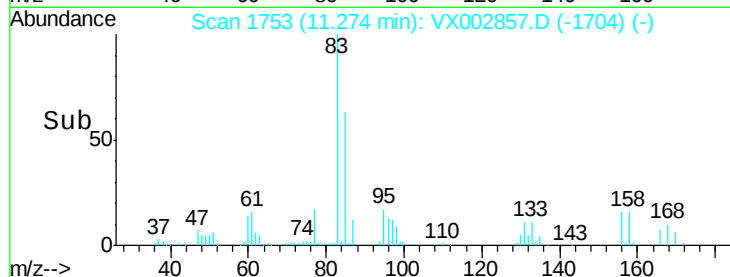
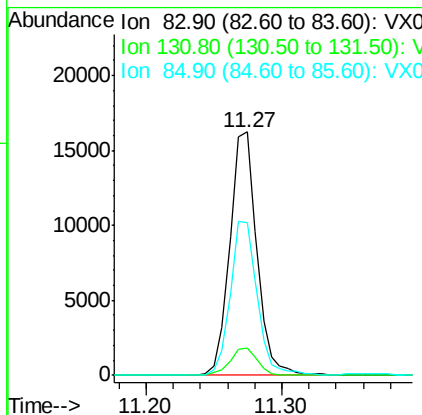
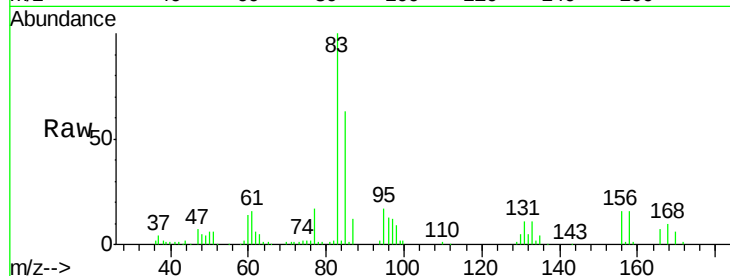
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	22407
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	63.2	32.4	97.2

Manual Integrations
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6/28/2018 12:00:09 PM



#76

1,2,3-Trichloropropane

Concen: 4.92 ug/l m

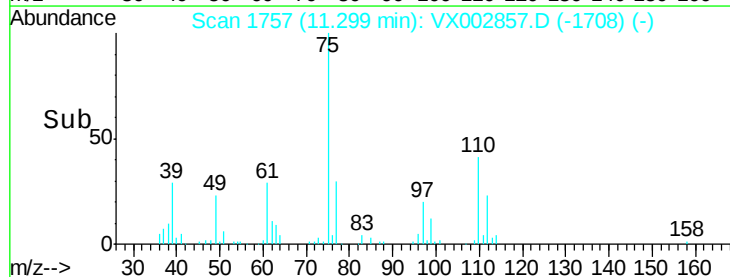
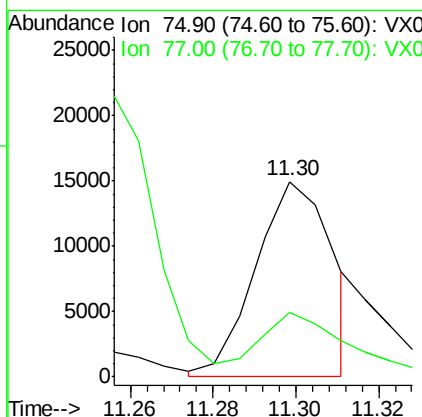
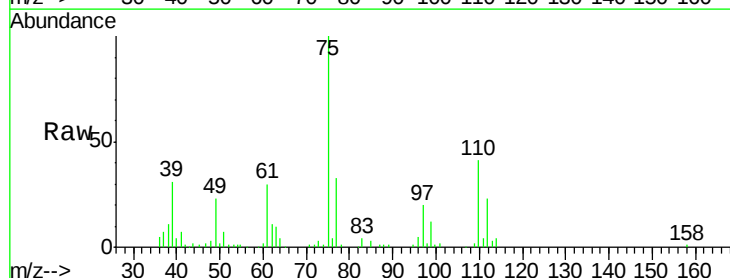
RT: 11.30 min Scan# 1757

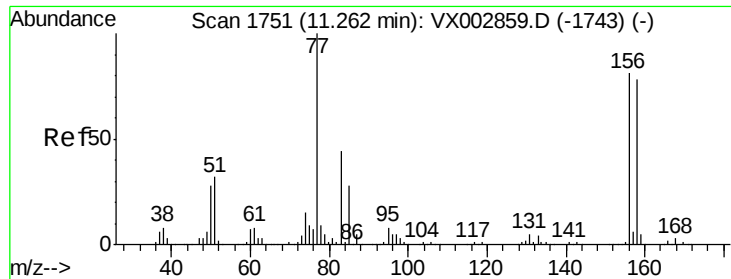
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	75	Resp:	19266
Ion Ratio	Lower	Upper	
75	100		
77	38.7	22.8	68.3





#77

Bromobenzene

Concen: 5.14 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

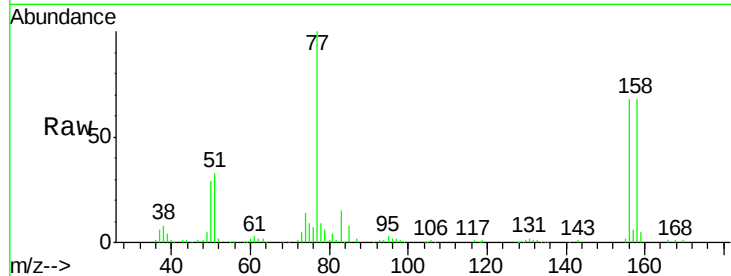
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	139.1	71.4	214.2
158	98.4	48.9	146.6

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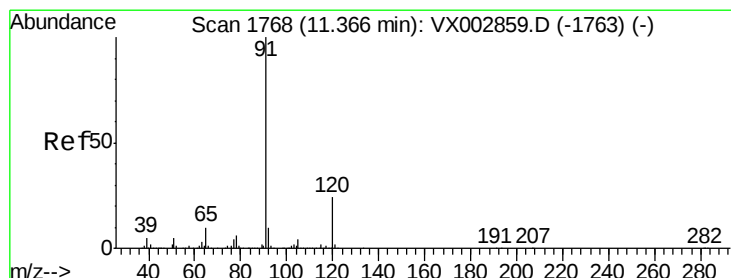
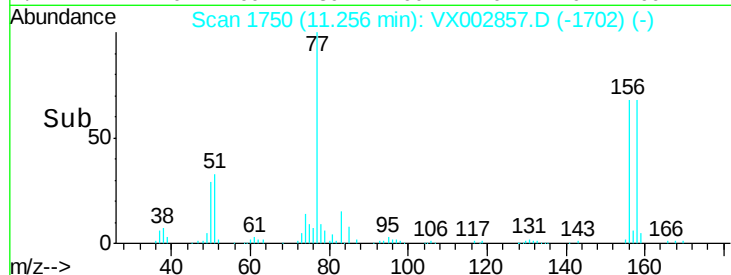
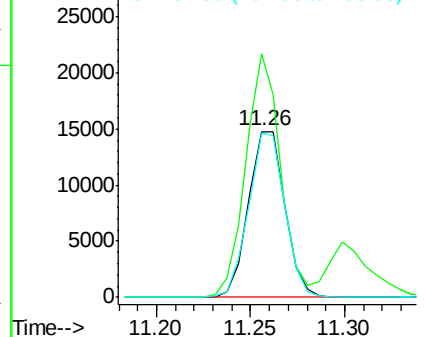


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.88 ug/l

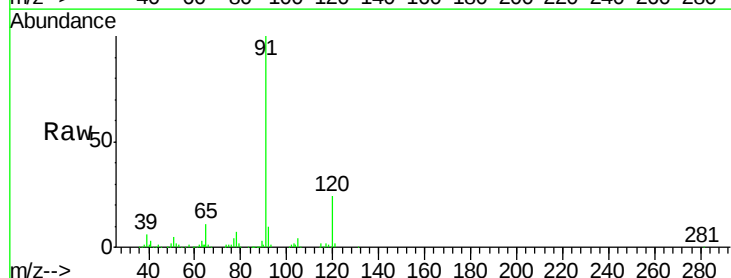
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

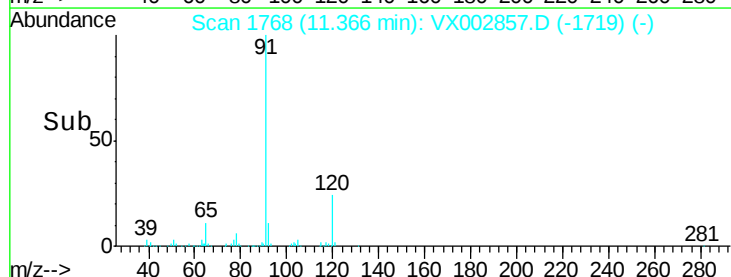
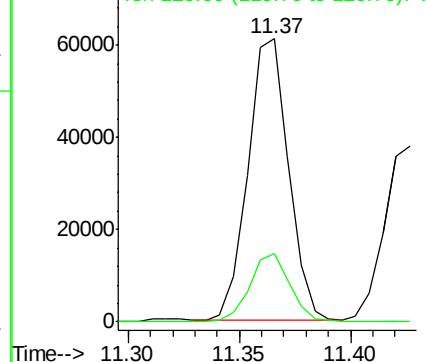
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.8	35.4

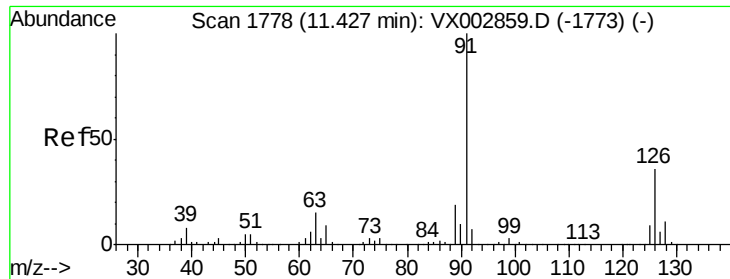


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





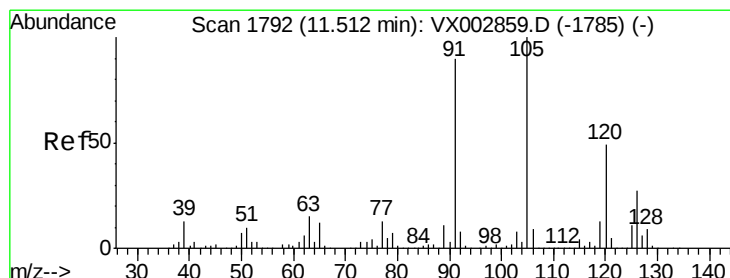
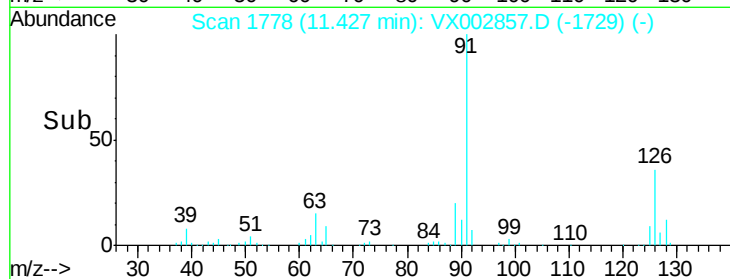
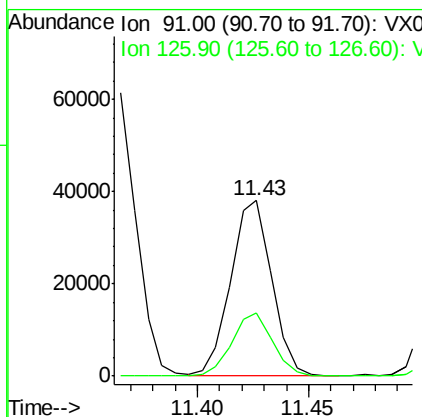
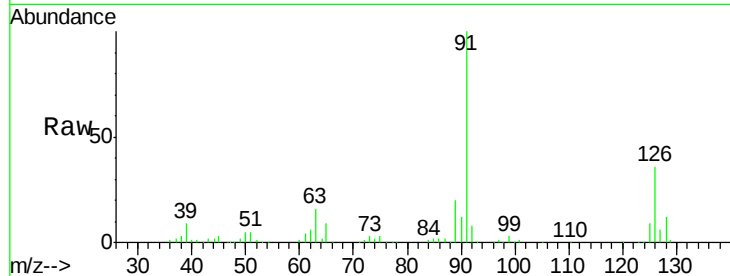
#79
2-Chlorotoluene
Concen: 5.11 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 48582
Ion Ratio Lower Upper
91 100
126 35.6 17.7 53.1

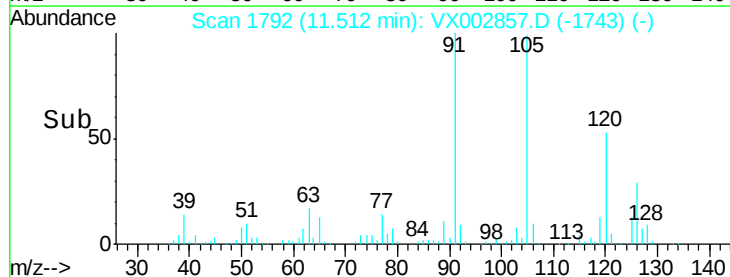
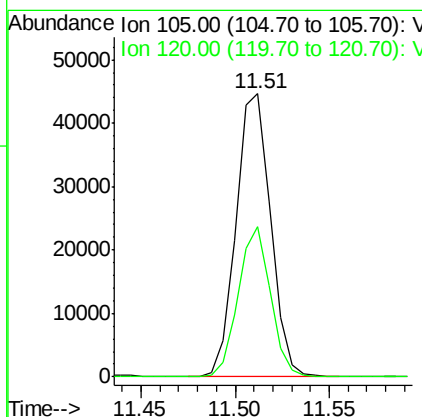
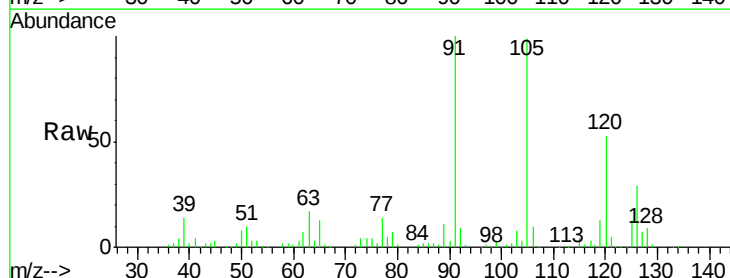
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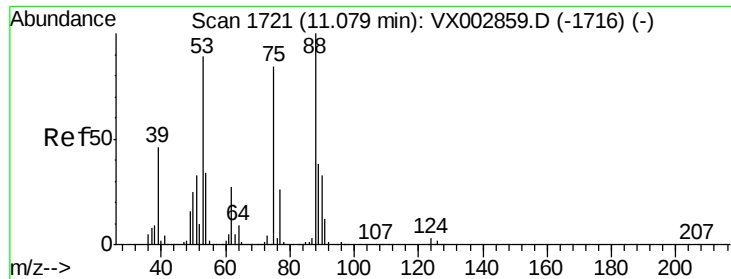
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#80
1,3,5-Trimethylbenzene
Concen: 4.84 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 105 Resp: 56873
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4





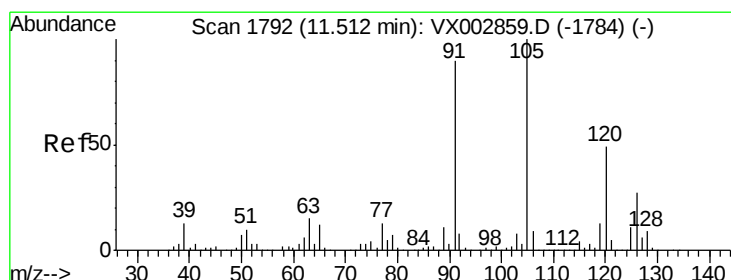
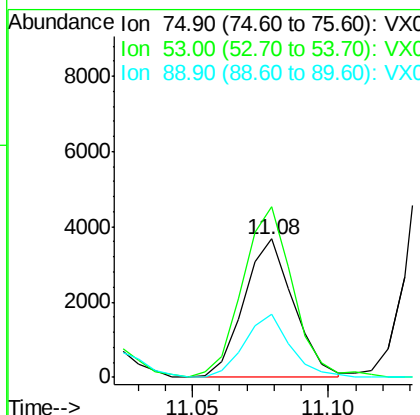
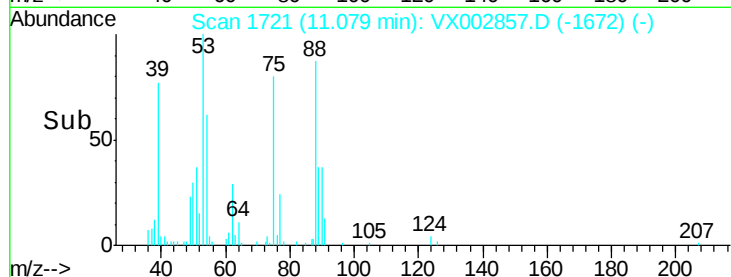
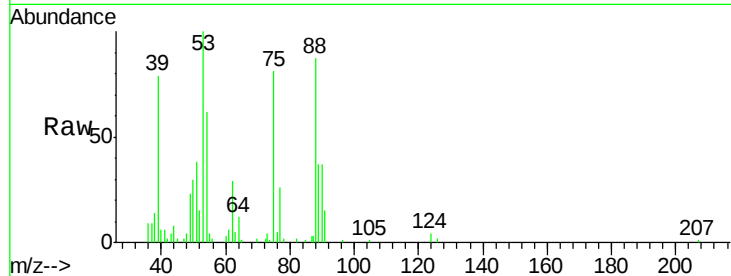
#81
trans-1,4-Dichloro-2-butene
Concen: 4.49 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 4653
Ion Ratio Lower Upper
75 100
53 124.7 86.8 130.2
89 42.3 38.2 57.2

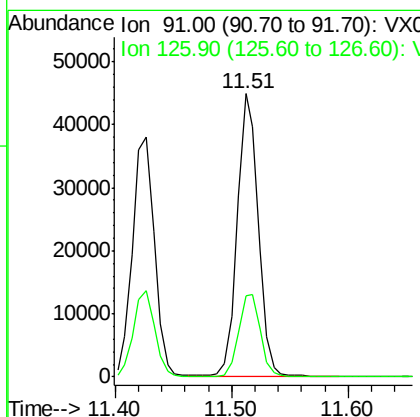
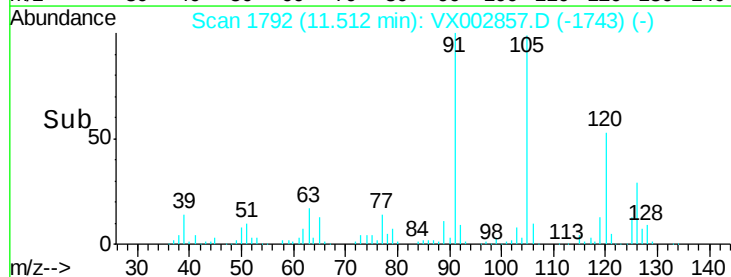
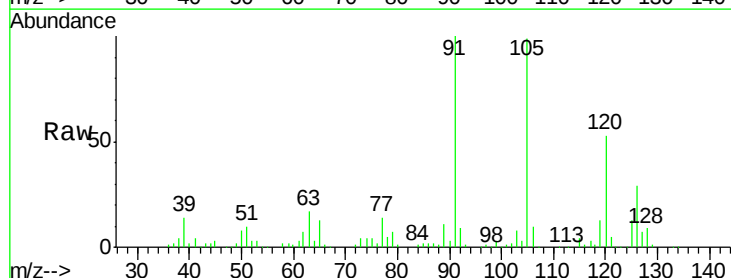
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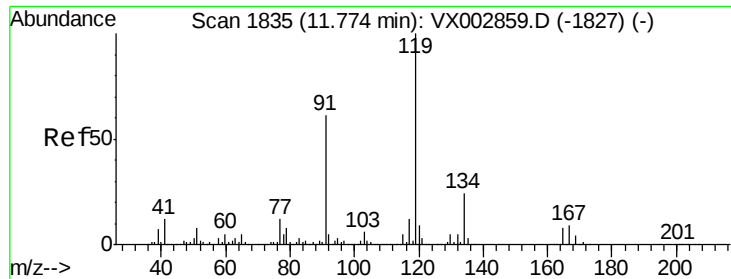
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#82
4-Chlorotoluene
Concen: 5.07 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 91 Resp: 56879
Ion Ratio Lower Upper
91 100
126 30.0 15.4 46.4





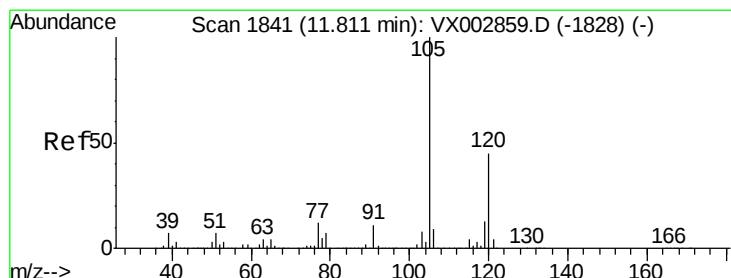
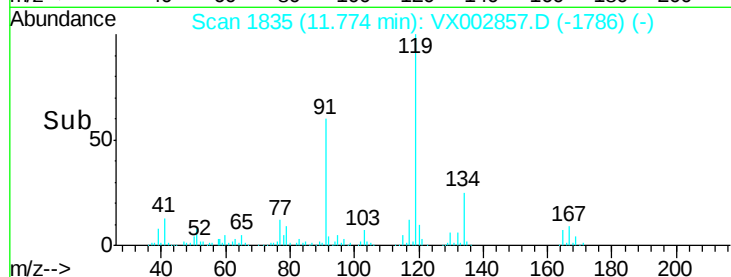
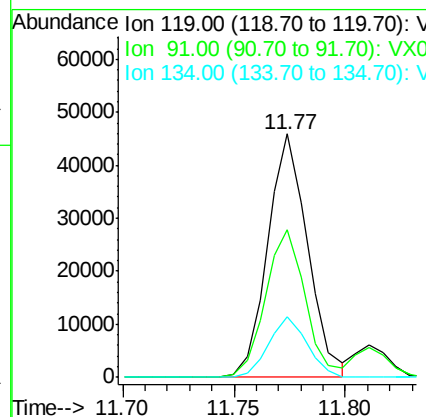
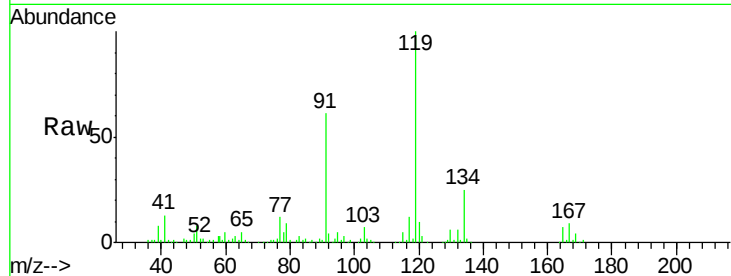
#83
tert-Butylbenzene
Concen: 5.04 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	30.3	90.9
134	24.3	11.7	35.1

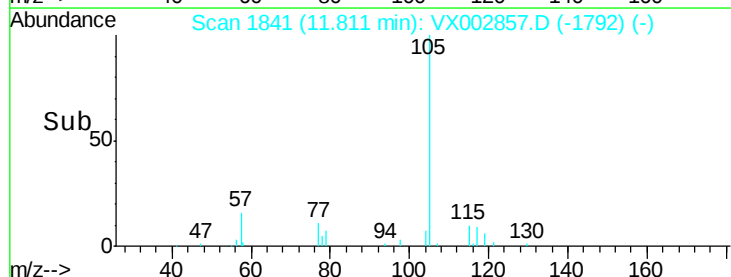
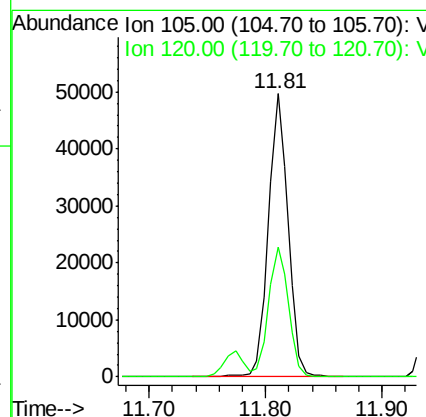
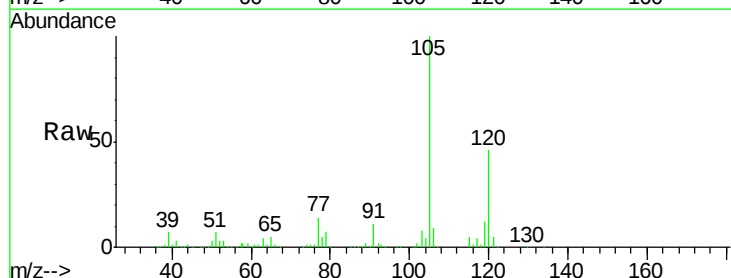
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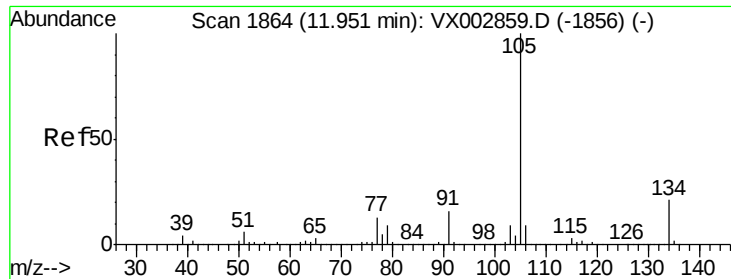
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.91 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.3	66.8





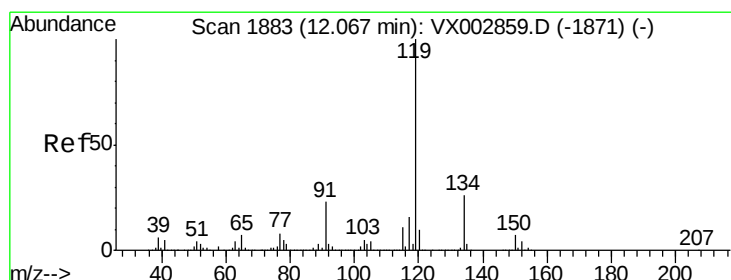
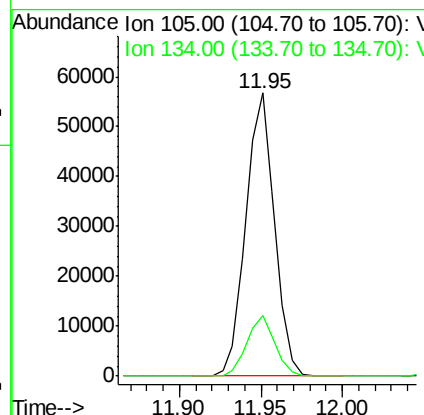
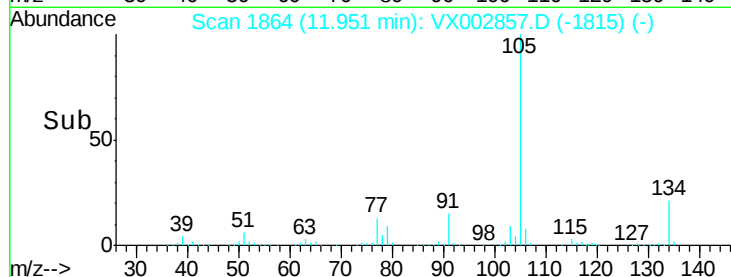
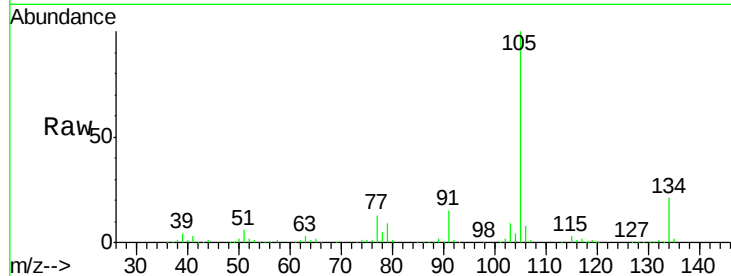
#85
 sec-Butylbenzene
 Concen: 4.93 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:105 Resp: 69359
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

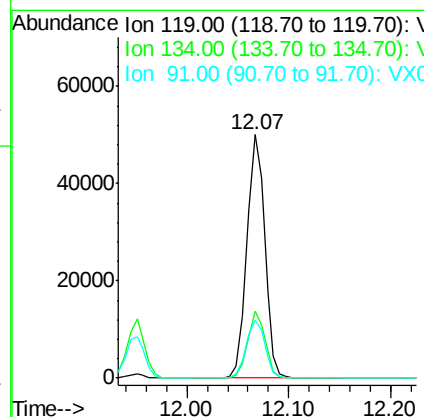
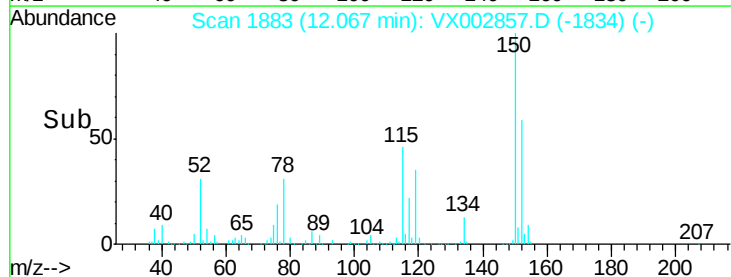
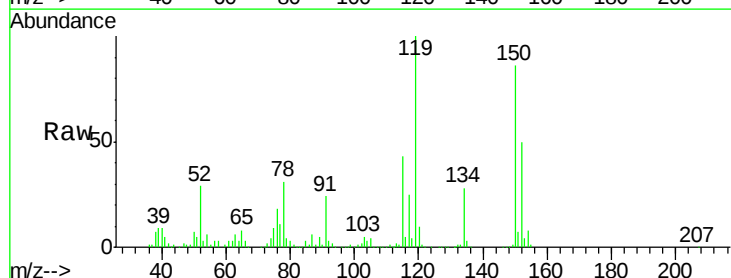
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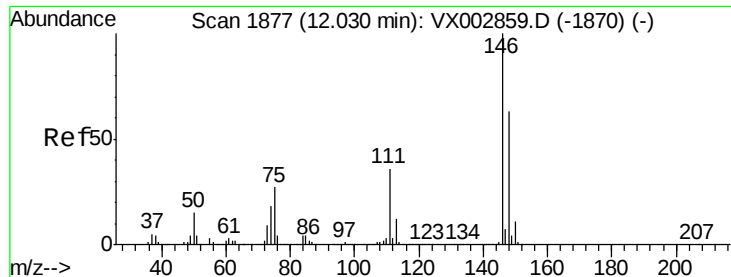
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#86
 p-Isopropyltoluene
 Concen: 4.77 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion:119 Resp: 60717
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 25.1 11.9 35.7





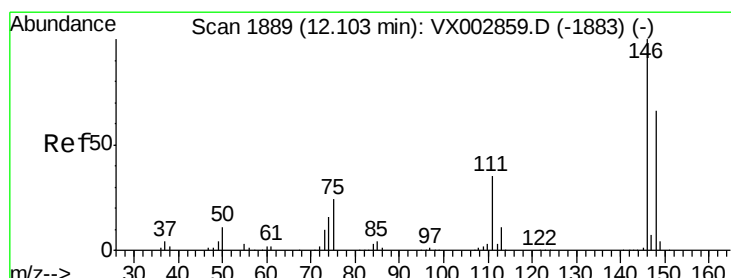
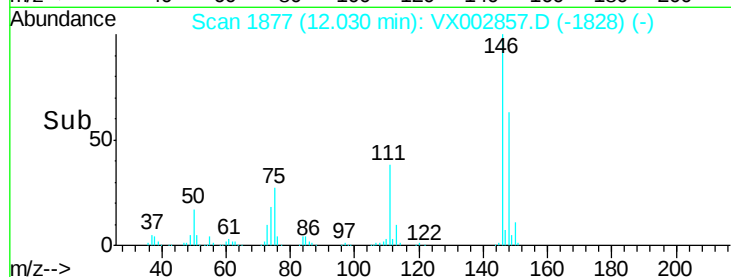
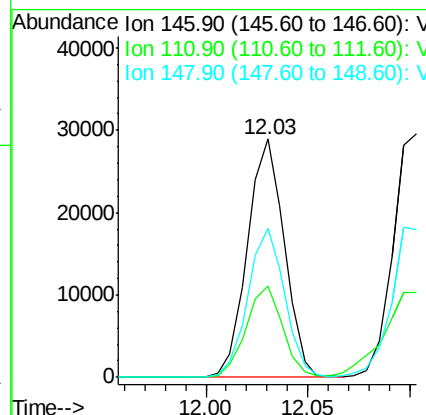
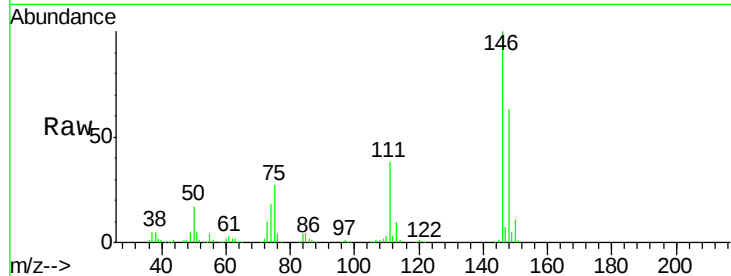
#87
 1,3-Dichlorobenzene
 Concen: 5.14 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	62.0	32.1	96.3

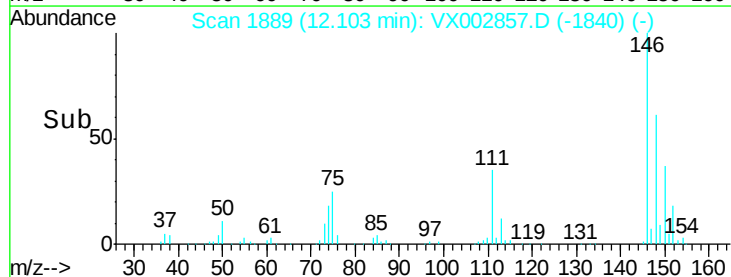
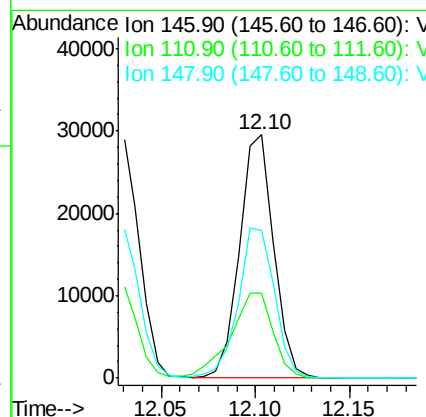
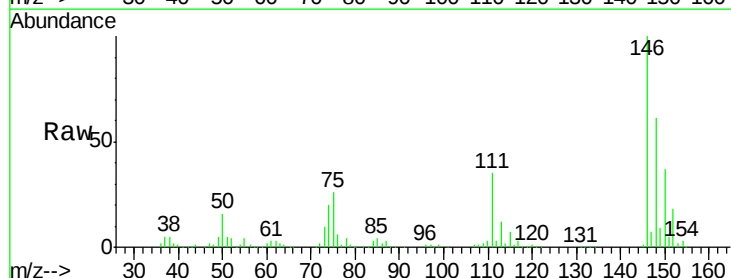
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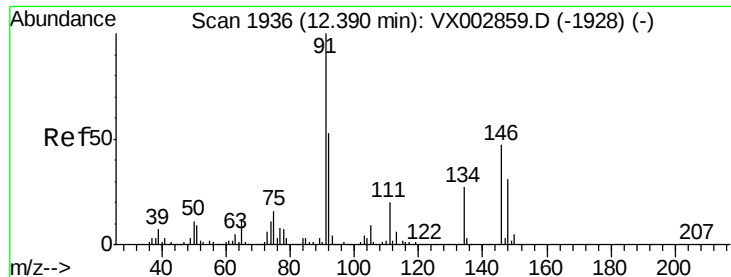
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 5.15 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	18.7	56.1
148	66.2	32.4	97.0





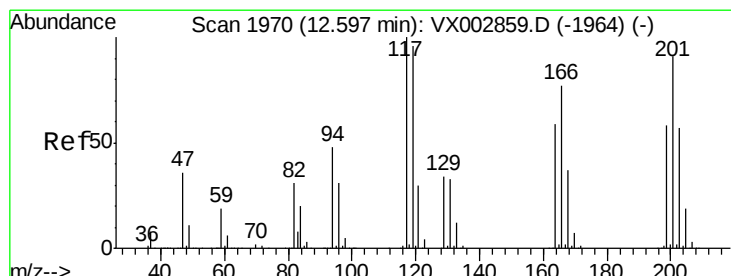
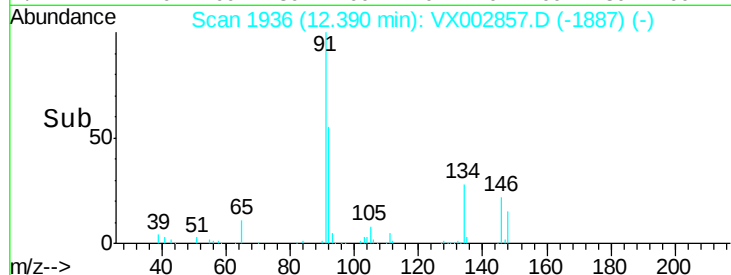
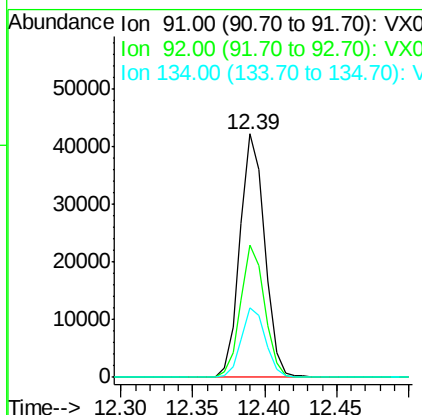
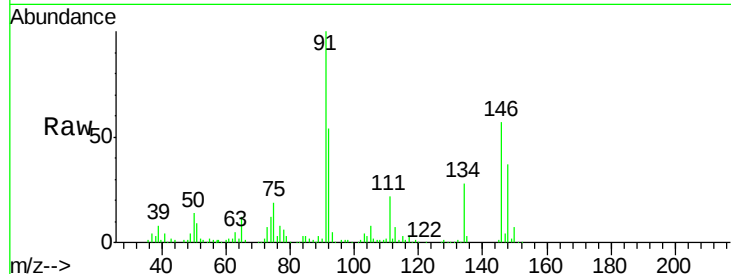
#89
n-Butylbenzene
Concen: 4.50 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.0	78.0
134	27.8	13.5	40.5

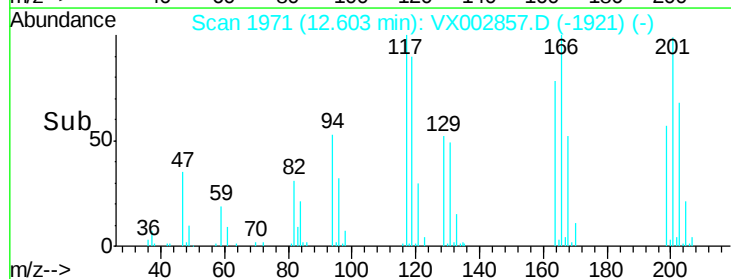
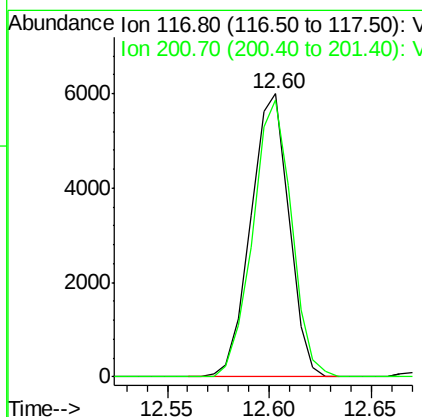
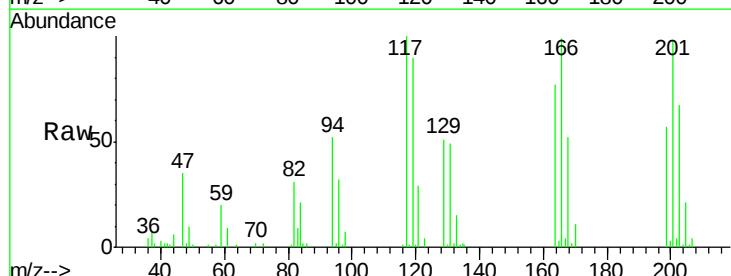
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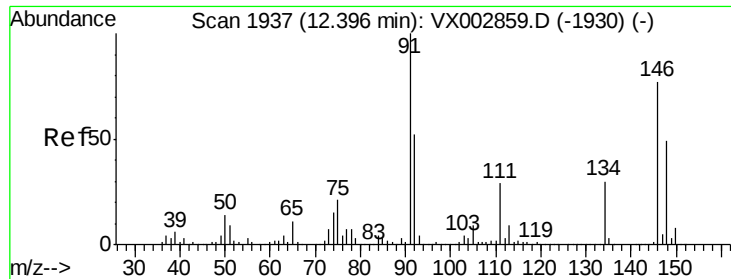
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#90
Hexachloroethane
Concen: 4.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.0	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 5.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

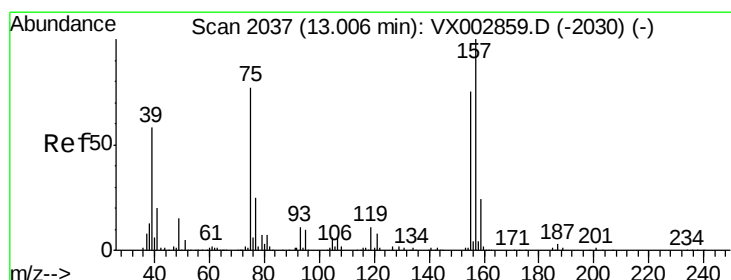
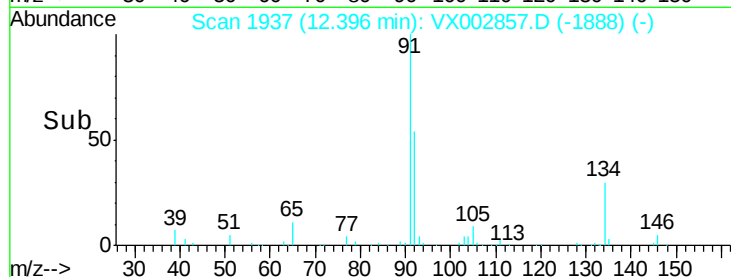
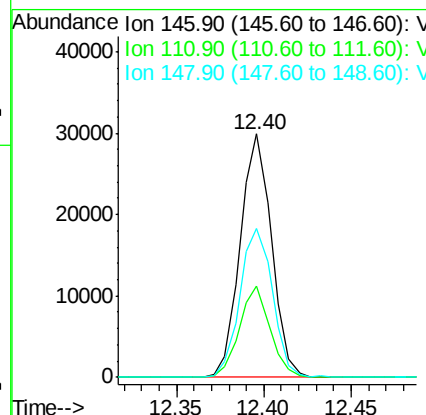
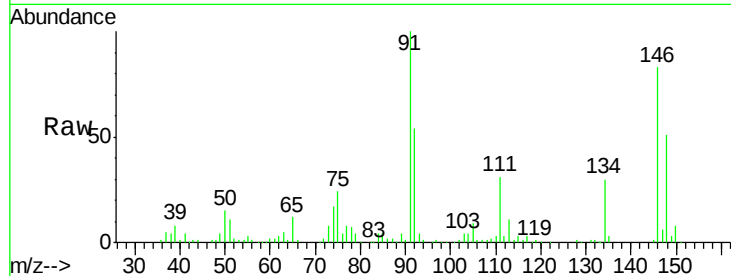
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	37150
Ion Ratio	Lower	Upper	
146	100		
111	37.0	19.4	58.1
148	64.1	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.89 ug/l

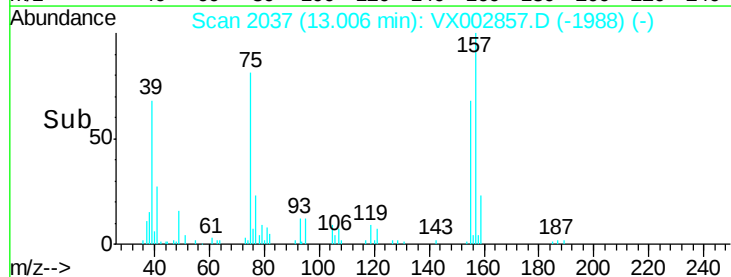
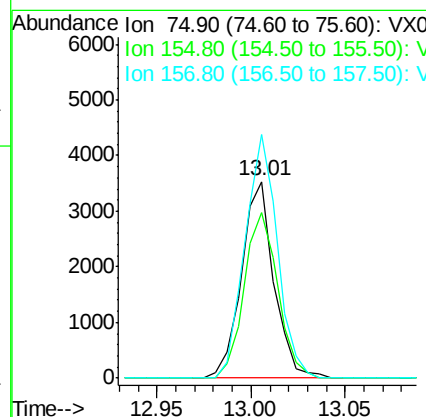
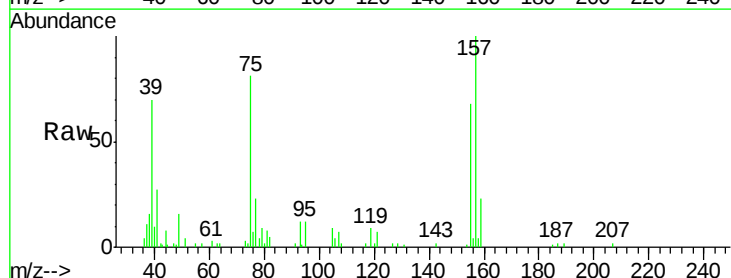
RT: 13.01 min Scan# 2037

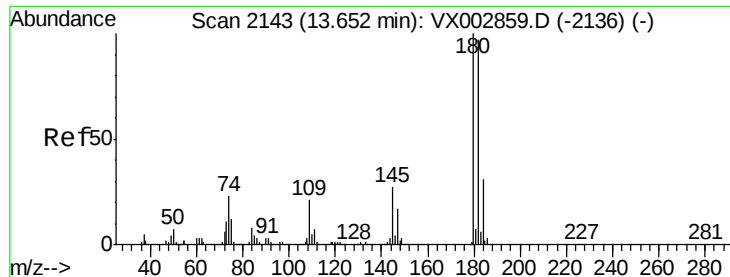
Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion:	75	Resp:	4204
Ion Ratio	Lower	Upper	
75	100		
155	87.5	45.8	137.4
157	123.5	60.1	180.3





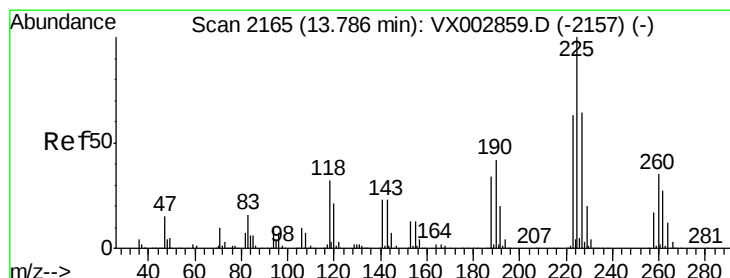
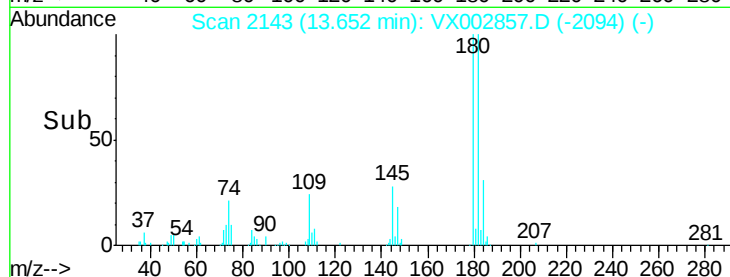
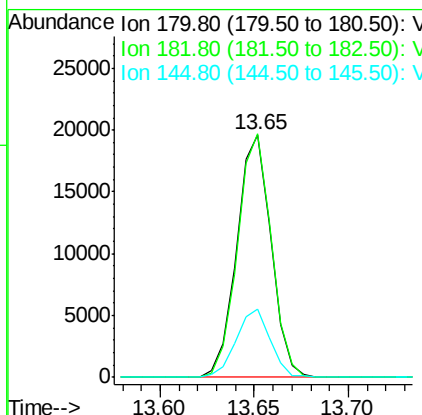
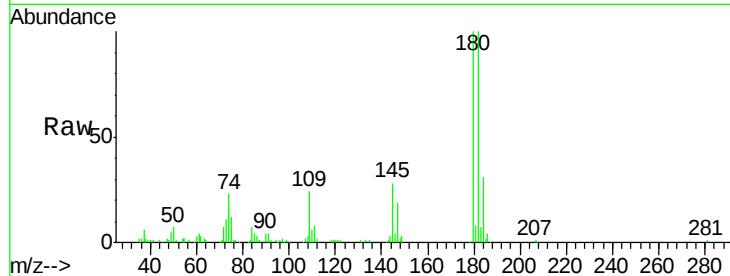
#93
 1,2,4-Trichlorobenzene
 Concen: 4.76 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	24695		
182	98.8	47.7	143.1	
145	28.2	14.1	42.4	

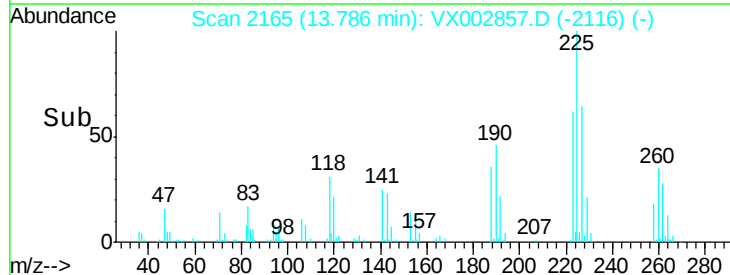
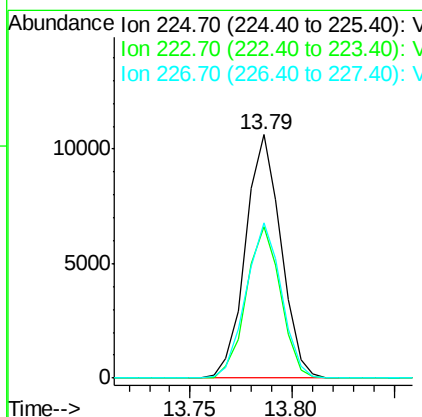
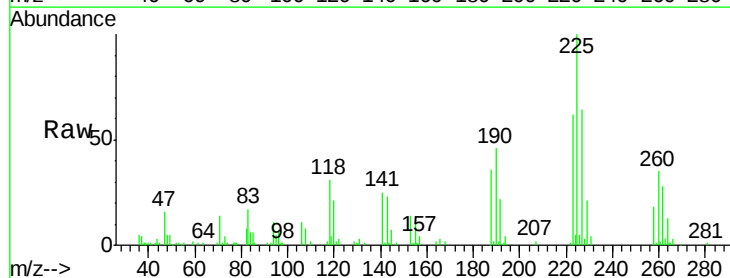
Manual Integrations
 APPROVED

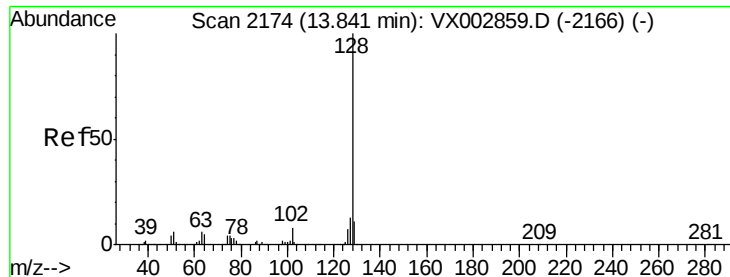
MMDadoda
 6/28/2018 12:00:09 PM



#94
 Hexachlorobutadiene
 Concen: 4.70 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12840		
223	60.2	31.6	95.0	
227	63.3	32.4	97.2	





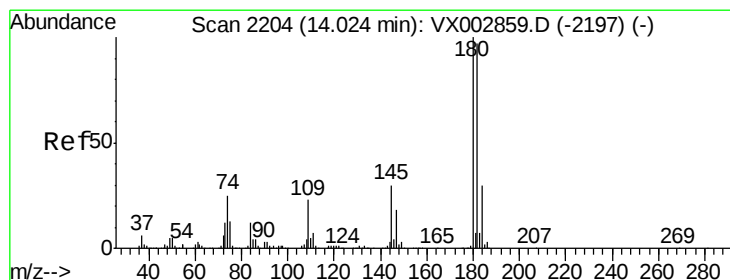
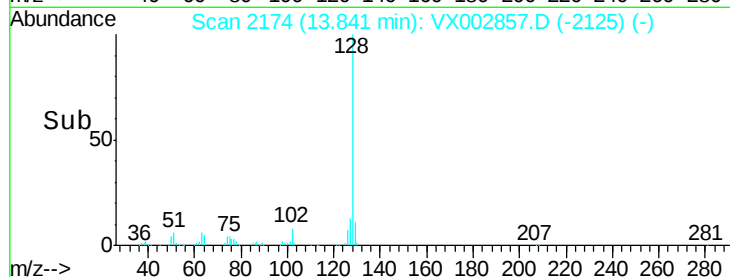
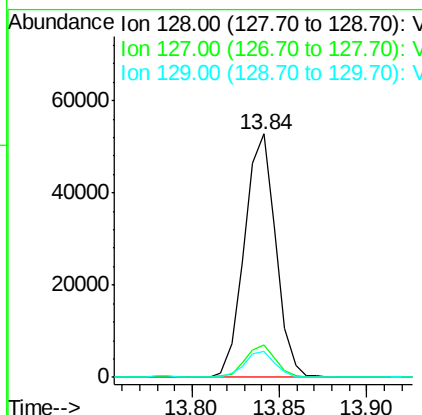
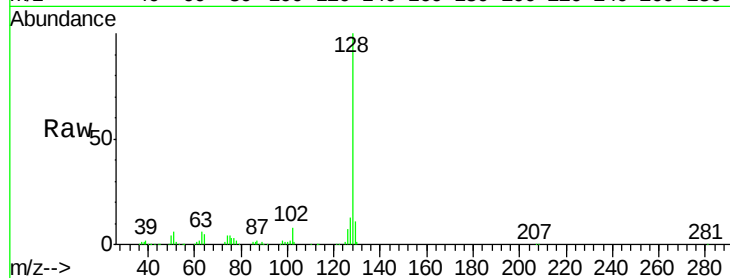
#95
Naphthalene
Concen: 4.70 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 12:00:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.01 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	30.3	14.8	44.3

