

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002950.D
 Acq On : 27 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:56 PM

Quant Time: Jun 28 05:49:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185325	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.51	113	148735	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.72	98	543122	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	211059	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150944	63.34	ug/l	99
3) Chloromethane	1.32	50	149878	60.75	ug/l	100
4) Vinyl Chloride	1.40	62	160523	53.11	ug/l	99
5) Bromomethane	1.64	94	62717	44.14	ug/l	99
6) Chloroethane	1.72	64	99432	56.34	ug/l	100
7) Trichlorofluoromethane	1.93	101	254344	49.89	ug/l	99
8) Diethyl Ether	2.19	74	91140	49.18	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	142010	48.07	ug/l	99
10) Methyl Iodide	2.51	142	141347	47.53	ug/l	100
11) Tert butyl alcohol	3.08	59	173373	235.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	129706	49.21	ug/l	96
13) Acrolein	2.29	56	91918	225.73	ug/l	100
14) Allyl chloride	2.73	41	250068	48.13	ug/l	98
15) Acrylonitrile	3.15	53	387711	246.67	ug/l	99
16) Acetone	2.45	43	359020	234.69	ug/l	99
17) Carbon Disulfide	2.57	76	350576	49.92	ug/l	98
18) Methyl Acetate	2.78	43	180649	42.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	459938	48.54	ug/l	99
20) Methylene Chloride	2.86	84	142364	47.82	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139787	48.69	ug/l	99
22) Diisopropyl ether	3.87	45	493902	49.73	ug/l	95
23) Vinyl Acetate	3.83	43	2167794	257.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	264835	49.06	ug/l	99
25) 2-Butanone	4.71	43	570406	251.25	ug/l	99
26) 2,2-Dichloropropane	4.59	77	176110	40.12	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	160689	49.92	ug/l	92
28) Bromochloromethane	5.03	49	130340	50.45	ug/l	94
29) Tetrahydrofuran	5.17	42	368382	253.03	ug/l	98
30) Chloroform	5.22	83	276742	49.96	ug/l	98
31) Cyclohexane	5.58	56	239384	51.68	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246380	50.55	ug/l	99
36) 1,1-Dichloropropene	5.80	75	203282	49.80	ug/l	99
37) Ethyl Acetate	4.87	43	223836	50.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	223266	49.84	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241223	50.73	ug/l	95
40) Benzene	6.15	78	594577	50.13	ug/l	98
41) Methacrylonitrile	5.07	41	126918	50.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231009	48.21	ug/l	99
43) Isopropyl Acetate	6.47	43	360940	48.96	ug/l	99
44) Trichloroethene	7.22	130	173280	49.00	ug/l	99
45) 1,2-Dichloropropane	7.52	63	156276	49.67	ug/l	99
46) Dibromomethane	7.67	93	107109	49.05	ug/l	97
47) Bromodichloromethane	7.90	83	203242	50.35	ug/l	99
48) Methyl methacrylate	7.78	41	188933	49.74	ug/l	98
49) 1,4-Dioxane	7.76	88	70990	960.66	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1185386	257.02	ug/l	99
52) Toluene	8.79	92	389307	51.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	231822	50.71	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	215700	49.04	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156143	50.01	ug/l	98
56) Ethyl methacrylate	9.18	69	238817	52.33	ug/l	97
57) 1,3-Dichloropropane	9.38	76	255872	49.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	562398	255.46	ug/l	99
59) 2-Hexanone	9.50	43	905887	258.44	ug/l	98
60) Dibromochloromethane	9.59	129	167520	50.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165612	50.57	ug/l	99
64) Tetrachloroethene	9.34	164	197087	49.20	ug/l	97
65) Chlorobenzene	10.14	112	442517	48.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	164049	49.35	ug/l	100
67) Ethyl Benzene	10.26	91	764322	50.56	ug/l	100
68) m/p-Xylenes	10.36	106	592749	101.74	ug/l	100
69) o-Xylene	10.70	106	289795	51.09	ug/l	99
70) Styrene	10.71	104	483990	52.51	ug/l	99
71) Bromoform	10.86	173	131039	44.13	ug/l	99
73) Isopropylbenzene	11.02	105	787433	51.00	ug/l	100
74) N-amyl acetate	6.47	43	360940	47.78	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230838	48.54	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	207009m	49.80	ug/l	
77) Bromobenzene	11.26	156	215186	48.94	ug/l	98
78) n-propylbenzene	11.37	91	893123	50.82	ug/l	100
79) 2-Chlorotoluene	11.42	91	529590	49.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	662122	50.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60829	42.96	ug/l	97
82) 4-Chlorotoluene	11.51	91	623032	49.46	ug/l	99
83) tert-Butylbenzene	11.77	119	653117	50.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	684208	50.78	ug/l	99
85) sec-Butylbenzene	11.95	105	790334	50.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	713067	51.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	393830	49.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397825	48.14	ug/l	99
89) n-Butylbenzene	12.39	91	604367	49.68	ug/l	99
90) Hexachloroethane	12.60	117	104310	50.17	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	394460	48.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53930	50.44	ug/l	99

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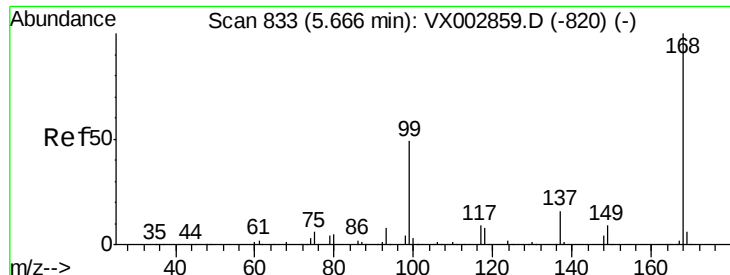
Manual Integrations
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6/28/2018 4:47:56 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	290236	49.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	143475	48.77	ug/l	99
95) Naphthalene	13.84	128	813609	51.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293784	49.86	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 267248

Ion Ratio Lower Upper

168 100

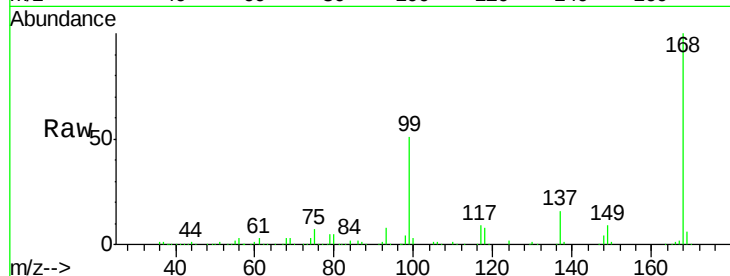
99 51.1 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

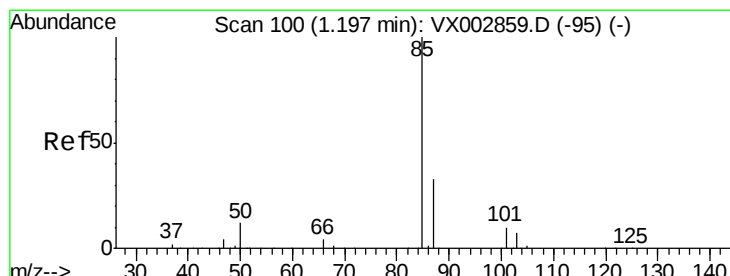
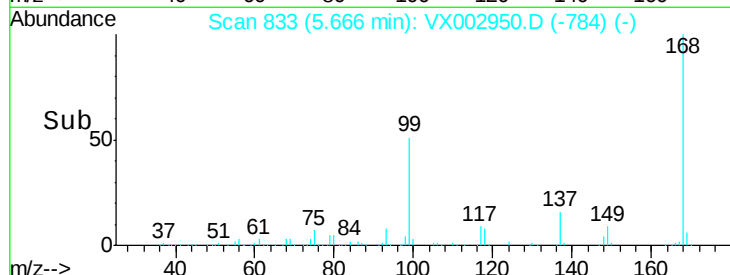
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 63.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002950.D

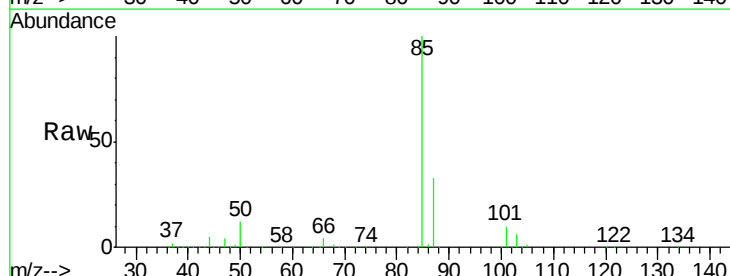
Acq: 27 Jun 2018 21:22

Tgt Ion: 85 Resp: 150944

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

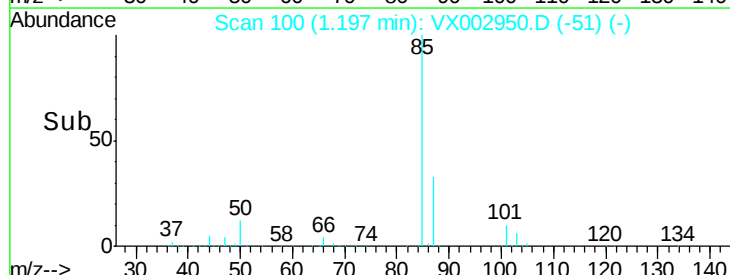
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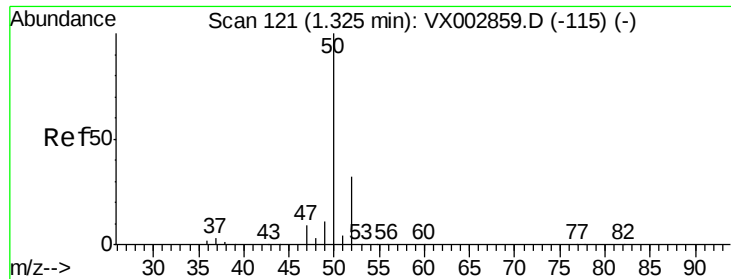
100000

50000

0

Time-->





#3

Chloromethane

Concen: 60.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 149878

Ion Ratio Lower Upper

50 100

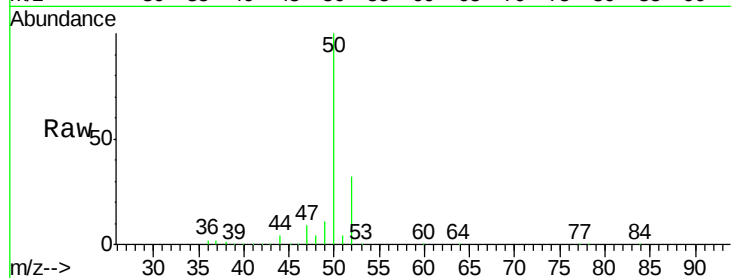
52 32.2 25.7 38.5

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

1.32

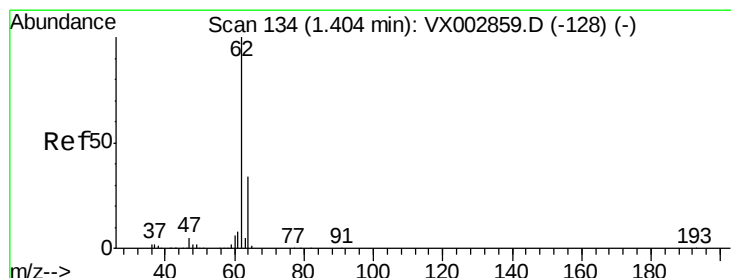
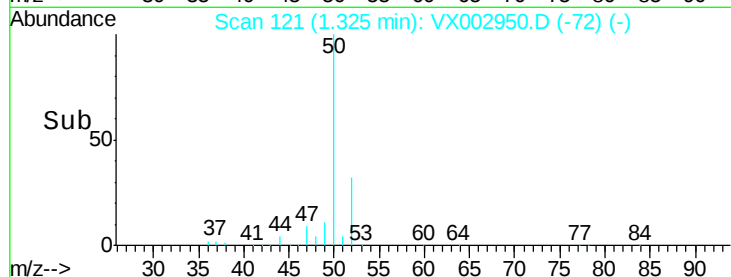
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 53.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002950.D

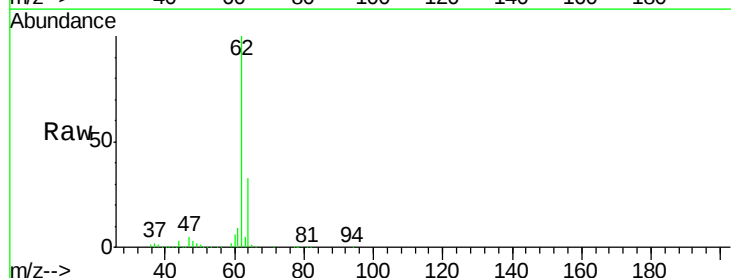
Acq: 27 Jun 2018 21:22

Tgt Ion: 62 Resp: 160523

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

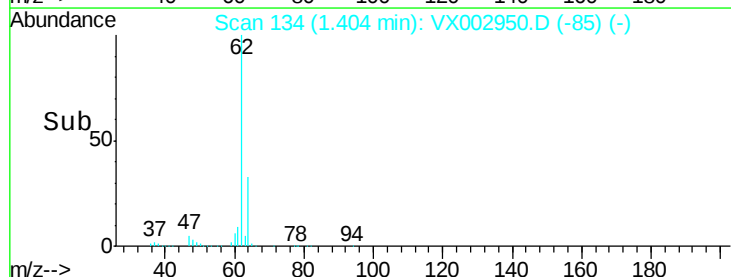
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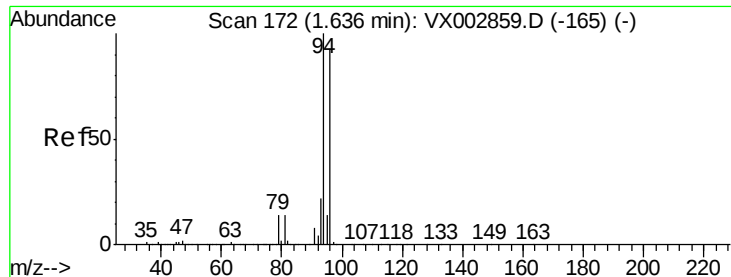
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 44.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62717

Ion Ratio Lower Upper

94 100

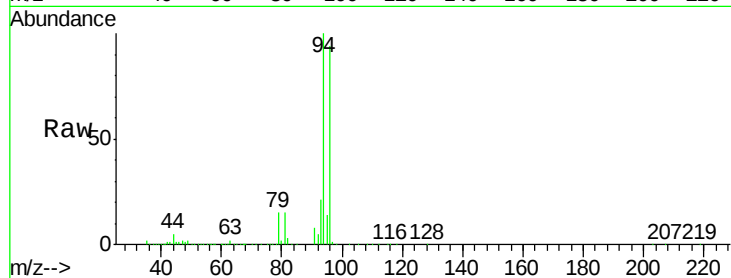
96 94.3 74.9 112.3

Manual Integrations

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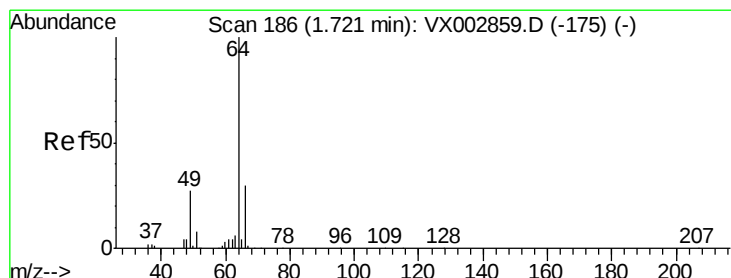
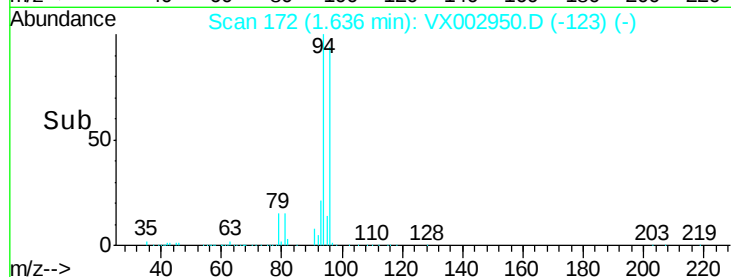
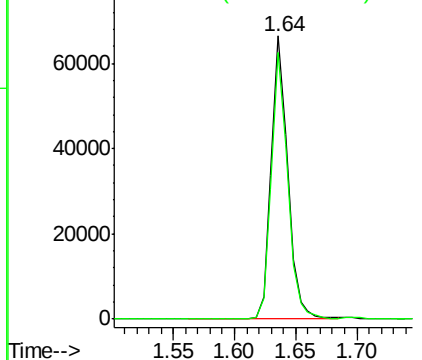
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.34 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002950.D

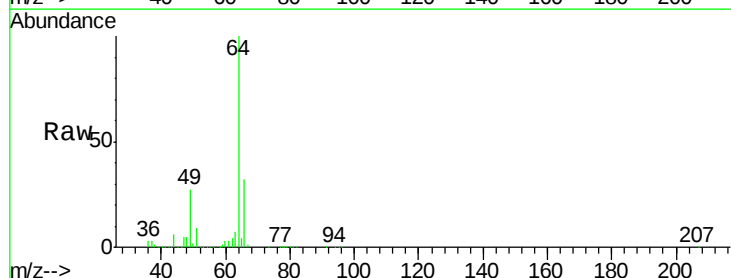
Acq: 27 Jun 2018 21:22

Tgt Ion: 64 Resp: 99432

Ion Ratio Lower Upper

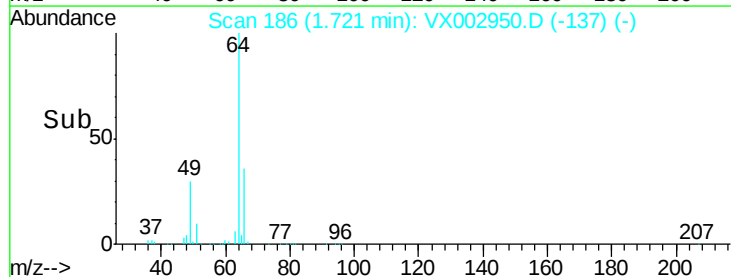
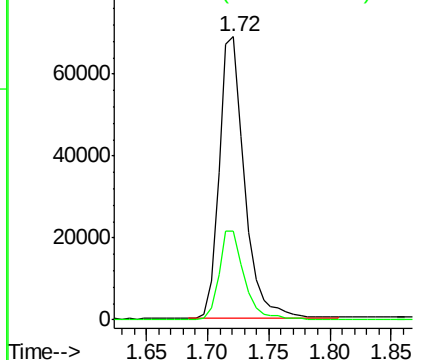
64 100

66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

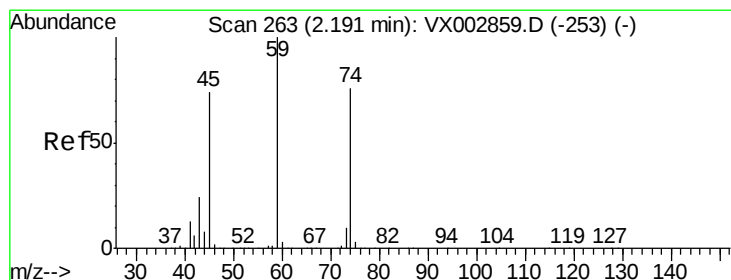
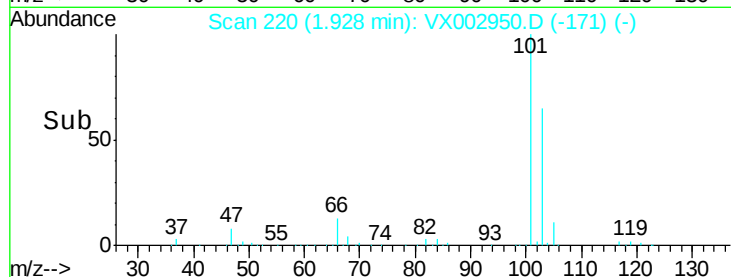
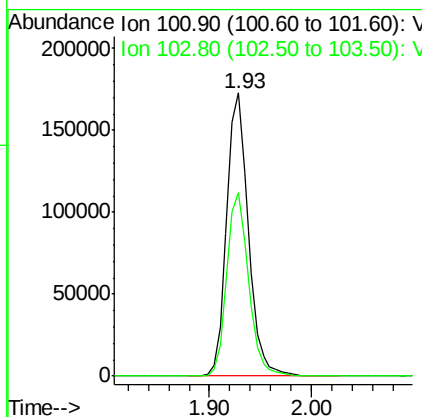
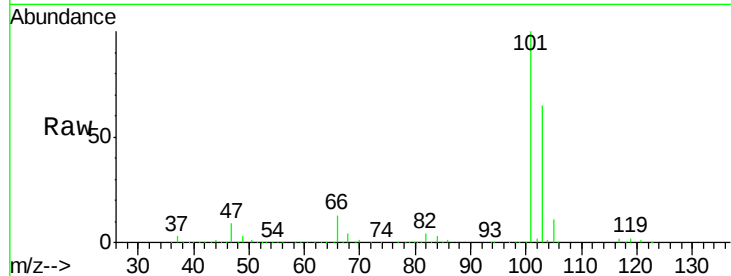
Trichlorofluoromethane
Concen: 49.89 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.8	79.2

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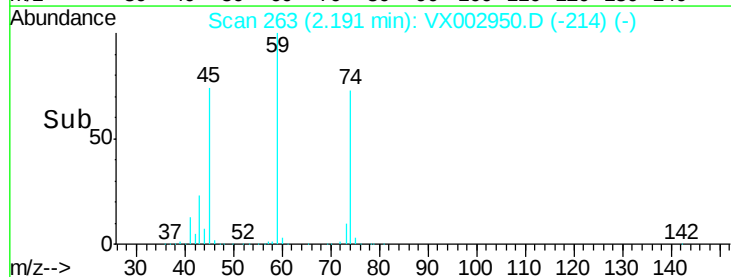
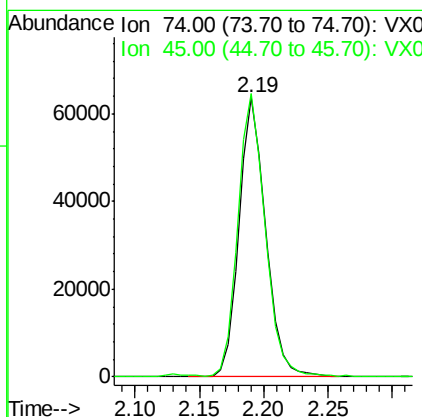
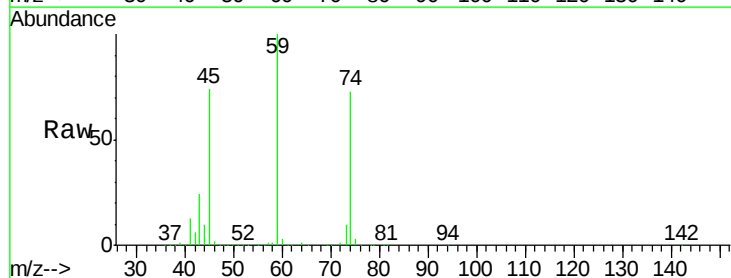
MMDadoda
6/28/2018 4:47:56 PM



#8

Diethyl Ether
Concen: 49.18 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

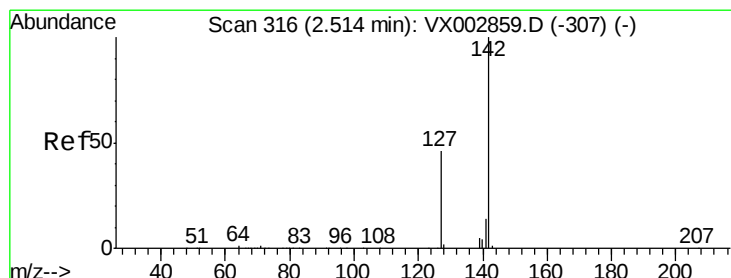
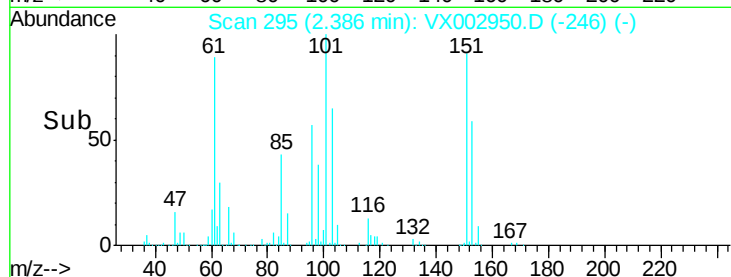
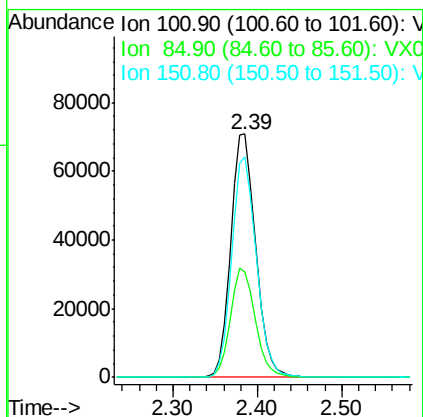
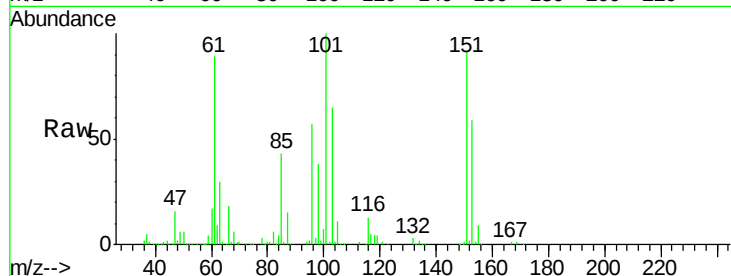
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	142010
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	89.4	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 47.53 ug/l

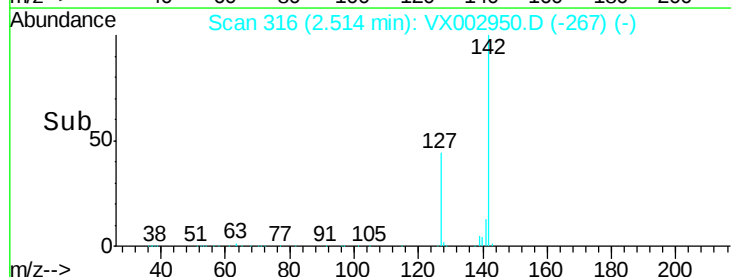
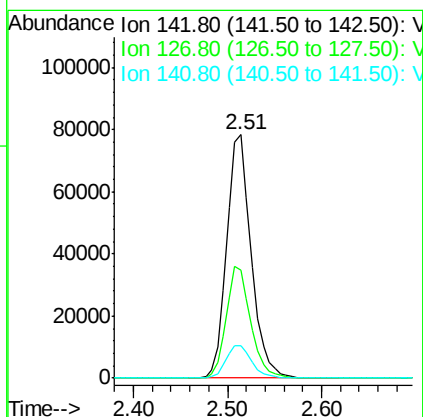
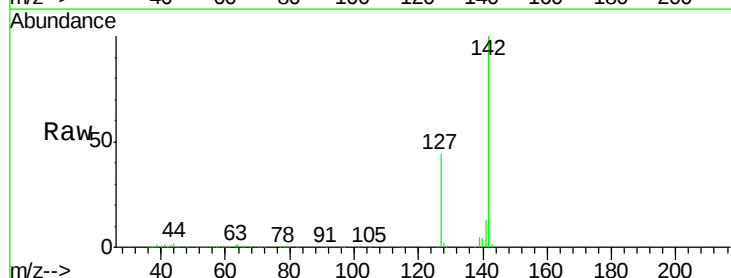
RT: 2.51 min Scan# 316

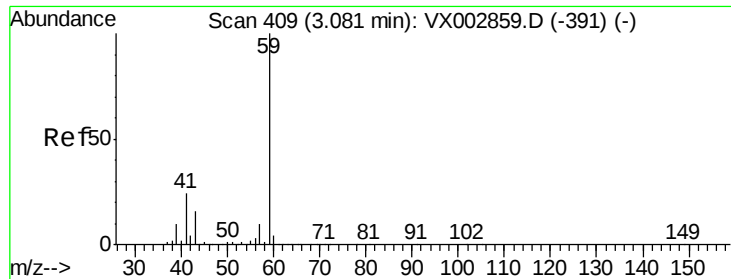
Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	142	Resp:	141347
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.6	55.0
141	14.1	11.3	16.9





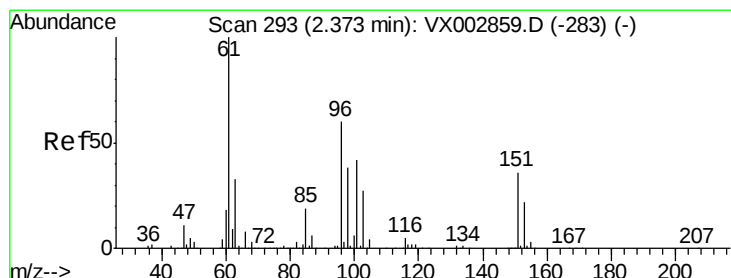
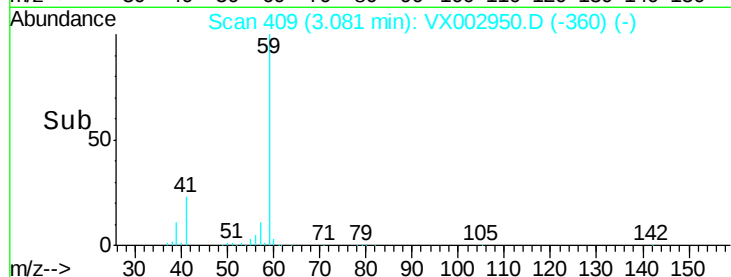
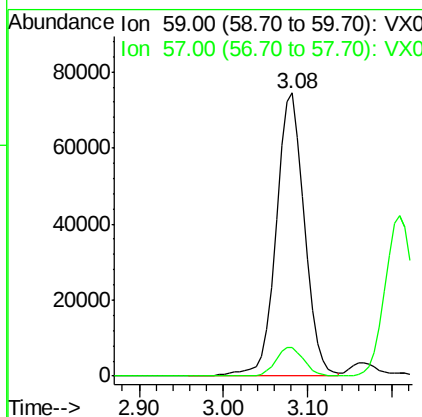
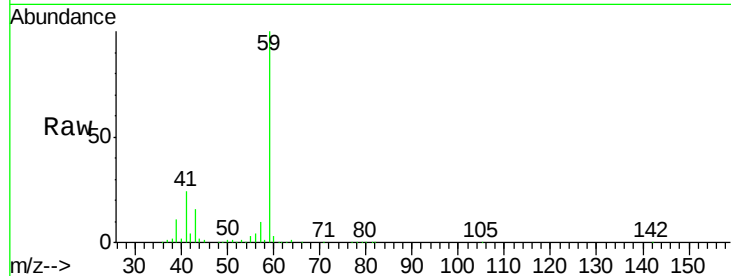
#11
Tert butyl alcohol
Concen: 235.61 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 173373
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

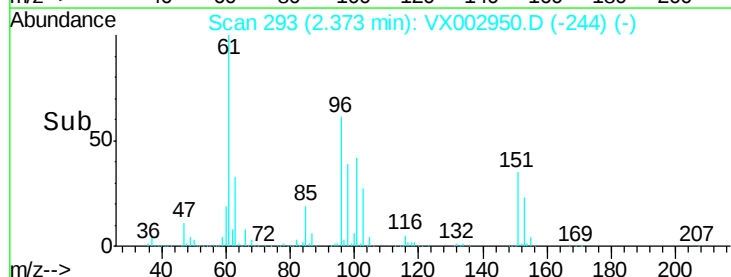
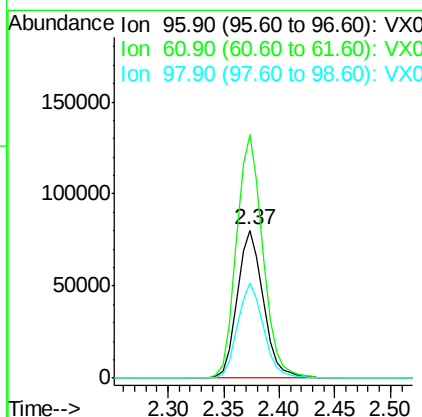
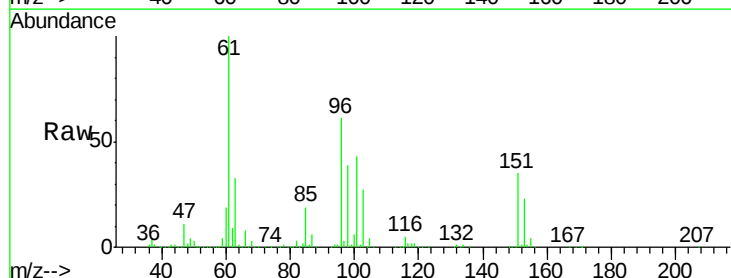
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 49.21 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 96 Resp: 129706
Ion Ratio Lower Upper
96 100
61 164.4 137.9 206.9
98 64.3 51.6 77.4





#13

Acrolein

Concen: 225.73 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 91918

Ion Ratio Lower Upper

56 100

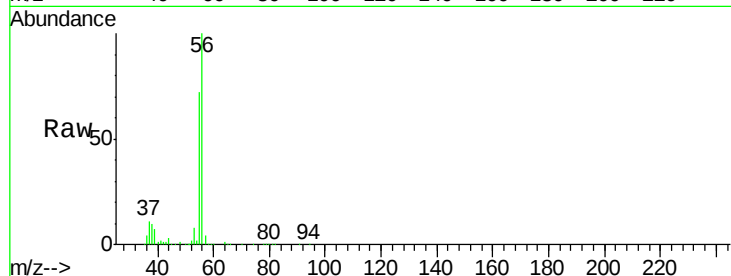
55 71.0 57.0 85.4

Manual Integrations

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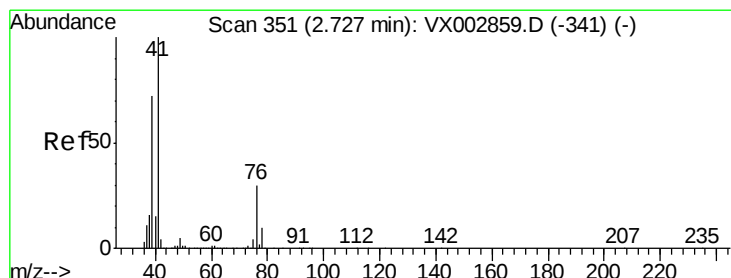
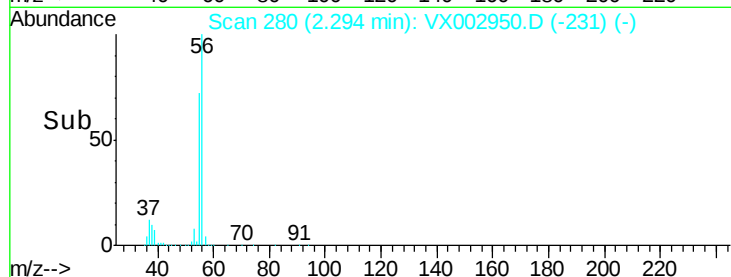
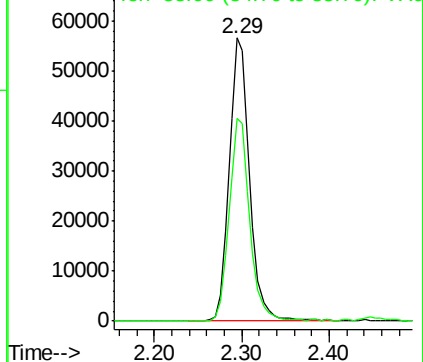
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.13 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

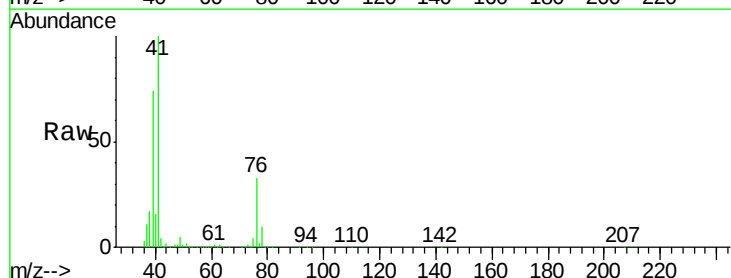
Tgt Ion: 41 Resp: 250068

Ion Ratio Lower Upper

41 100

39 69.1 56.8 85.2

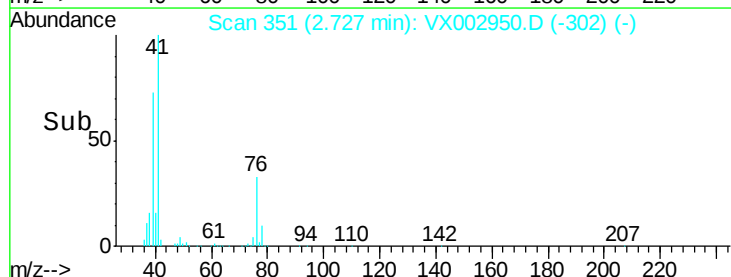
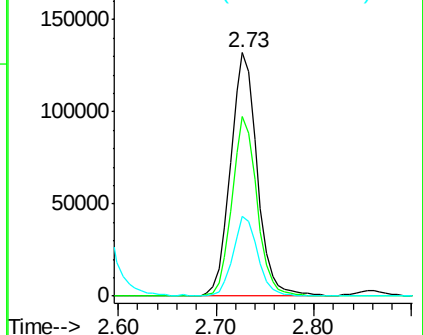
76 30.4 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 246.67 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

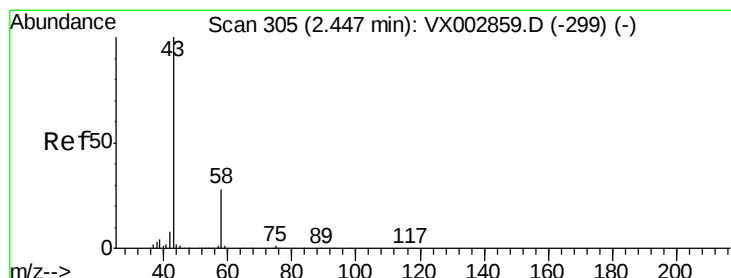
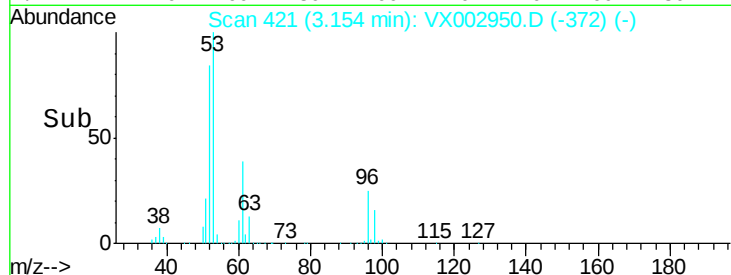
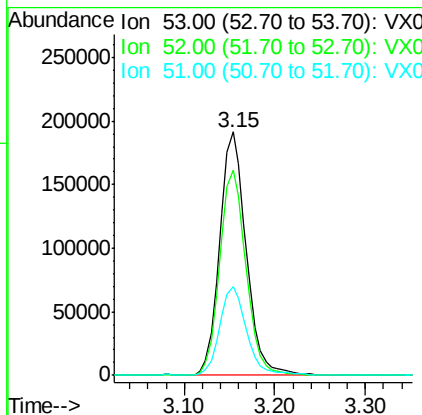
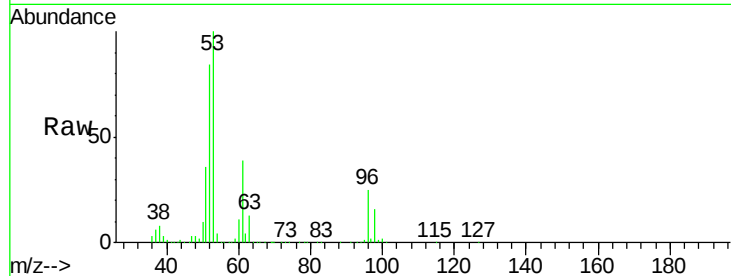
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	387711
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.7	100.1
51	36.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 234.69 ug/l

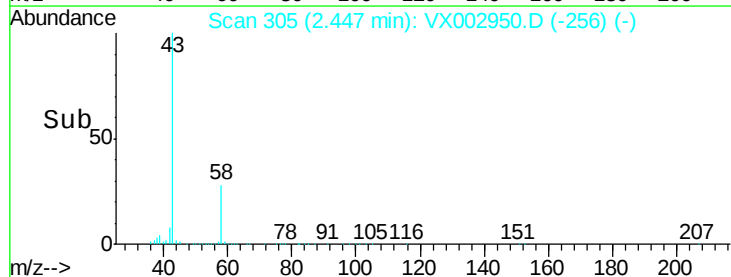
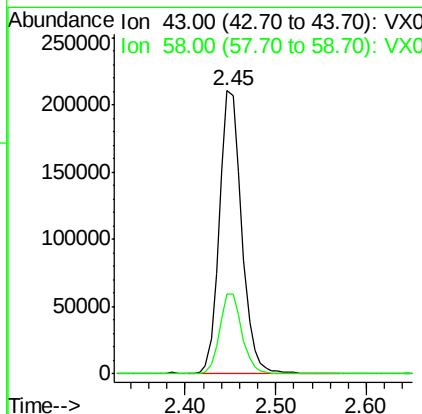
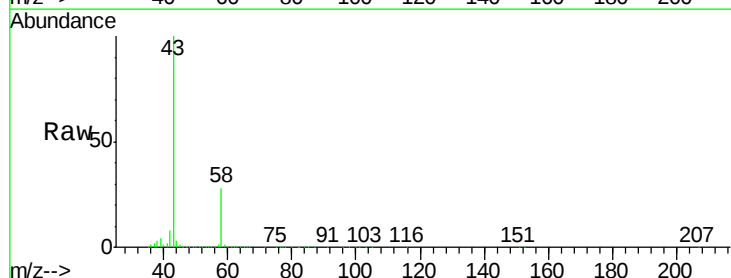
RT: 2.45 min Scan# 305

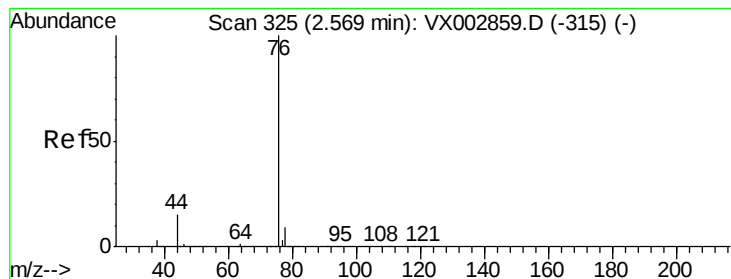
Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	43	Resp:	359020
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1





#17

Carbon Disulfide

Concen: 49.92 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 350576

Ion Ratio Lower Upper

76 100

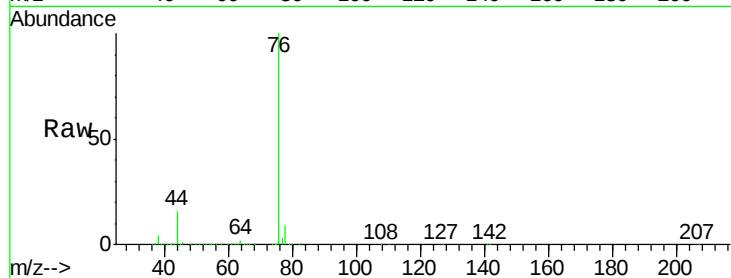
78 9.2 6.9 10.3

Manual Integrations

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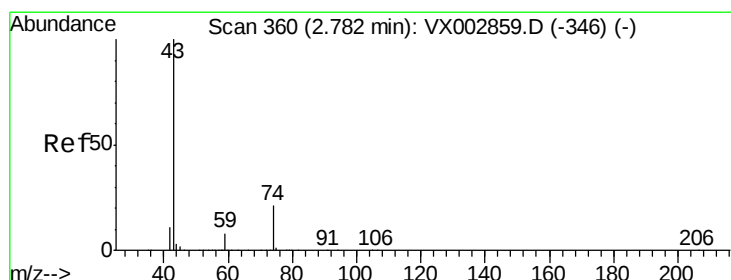
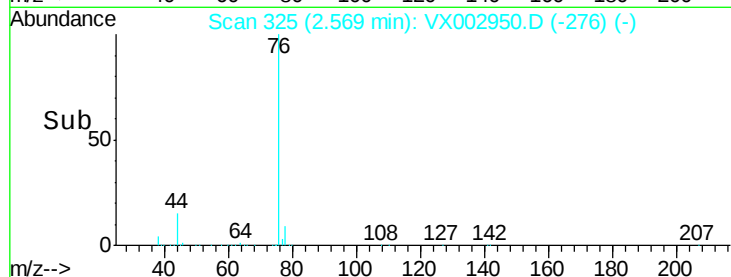
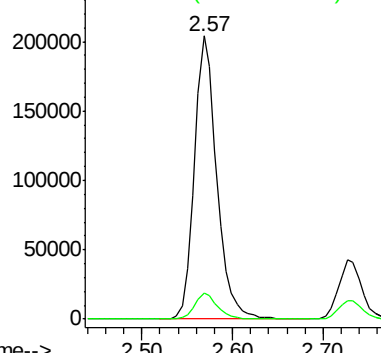
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 42.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002950.D

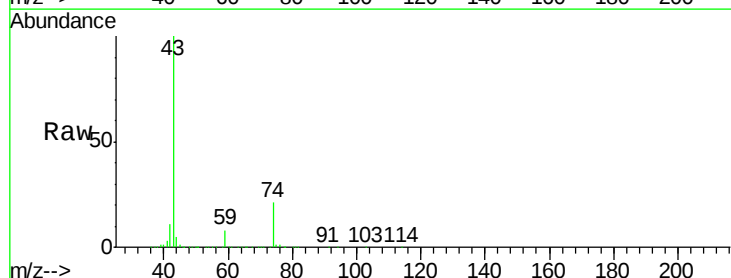
Acq: 27 Jun 2018 21:22

Tgt Ion: 43 Resp: 180649

Ion Ratio Lower Upper

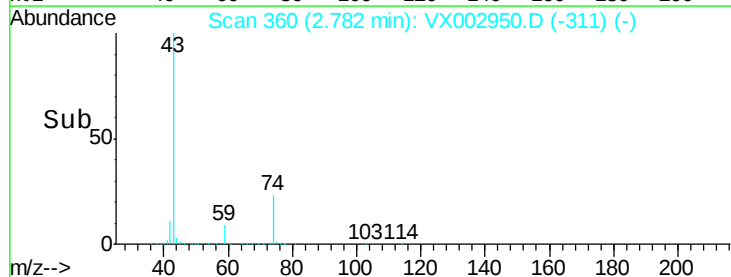
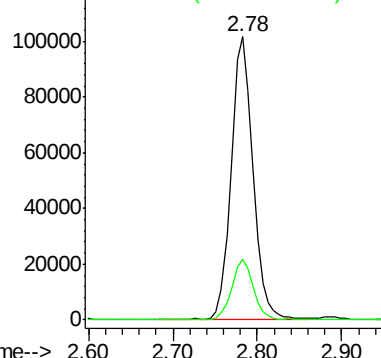
43 100

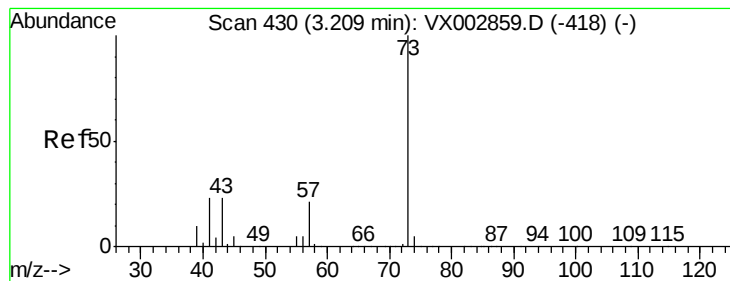
74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

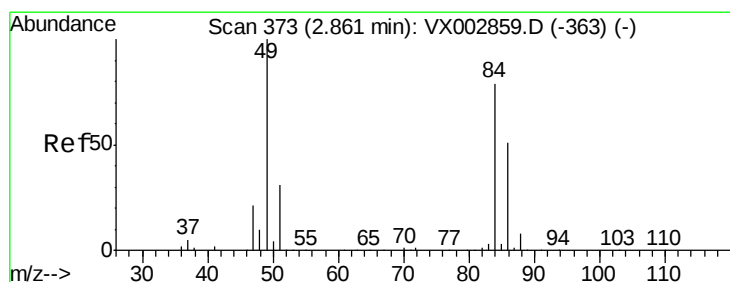
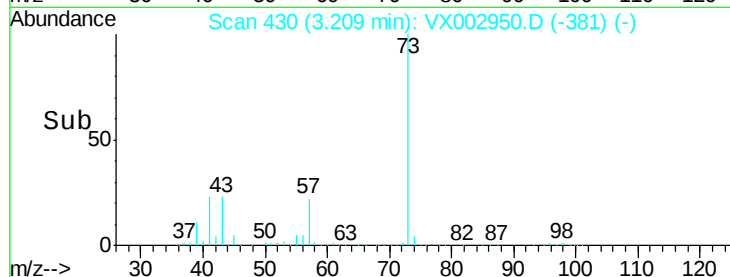
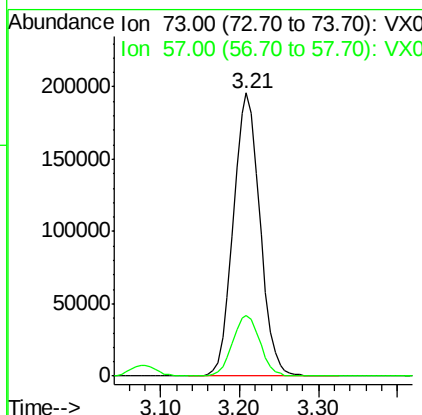
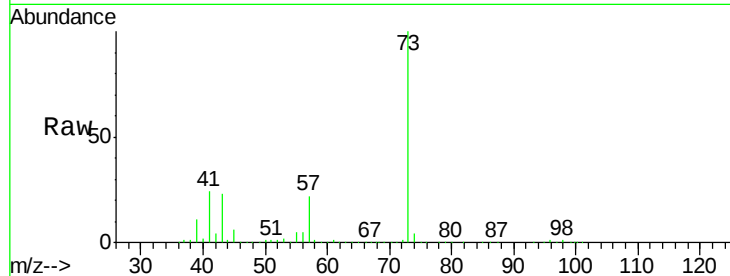
Methyl tert-butyl Ether
 Concen: 48.54 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	73	Resp	459938
Ion Ratio	Lower	Upper	
73	100		
57	21.5	17.7	26.5

Manual Integrations
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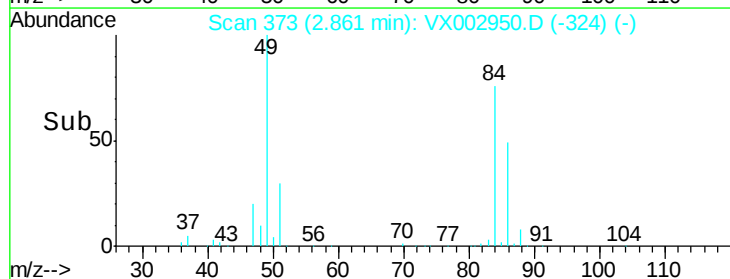
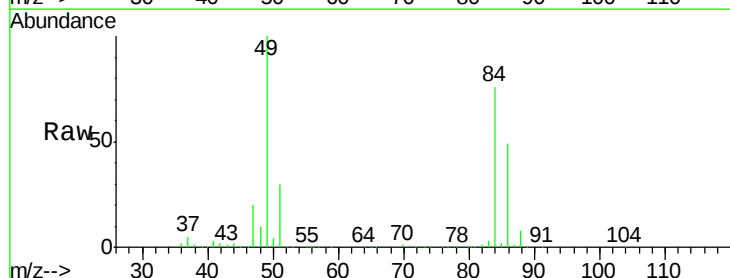
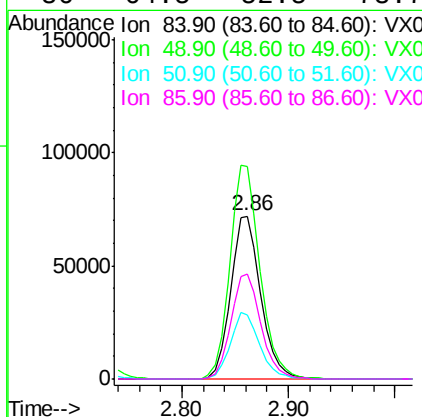
MMDadoda
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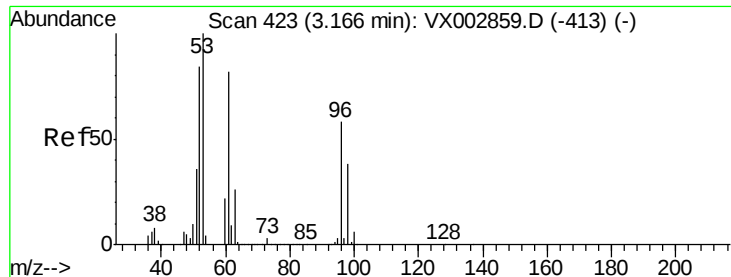


#20

Methylene Chloride
 Concen: 47.82 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	84	Resp	142364
Ion Ratio	Lower	Upper	
84	100		
49	130.8	107.8	161.6
51	39.5	32.8	49.2
86	64.5	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 48.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

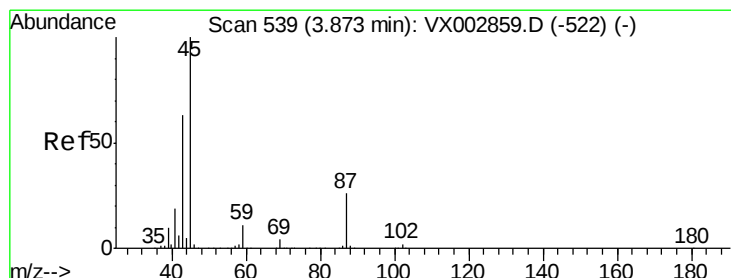
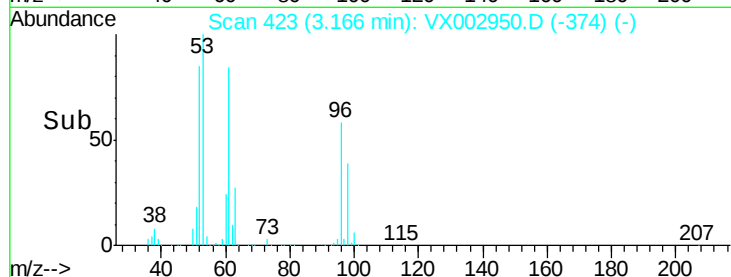
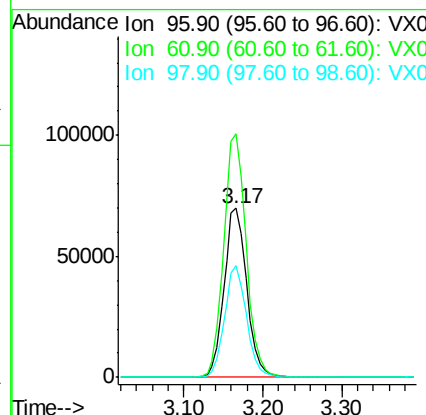
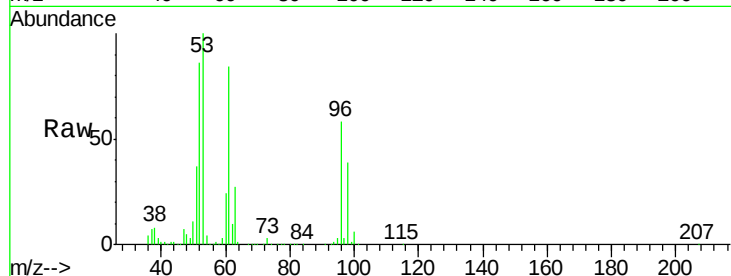
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	139787
Ion	Ratio	Lower	Upper
96	100		
61	144.1	117.0	175.4
98	66.1	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.73 ug/l

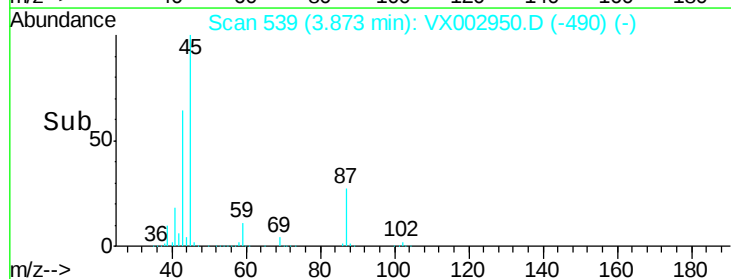
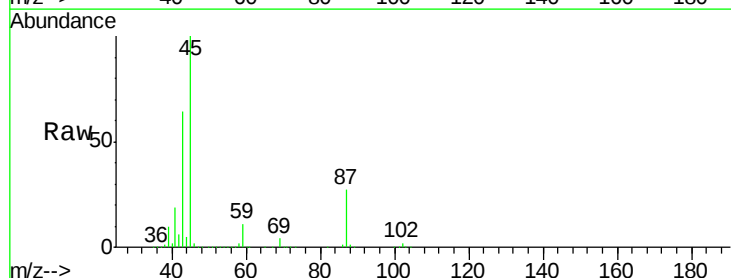
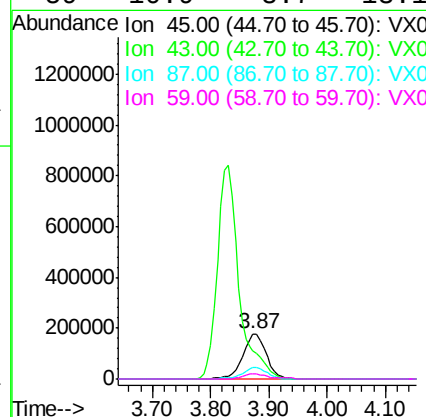
RT: 3.87 min Scan# 539

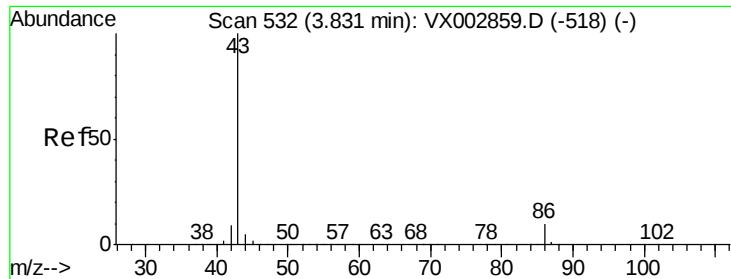
Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	45	Resp:	493902
Ion	Ratio	Lower	Upper
45	100		
43	63.8	46.8	70.2
87	26.8	20.2	30.4
59	10.9	8.7	13.1





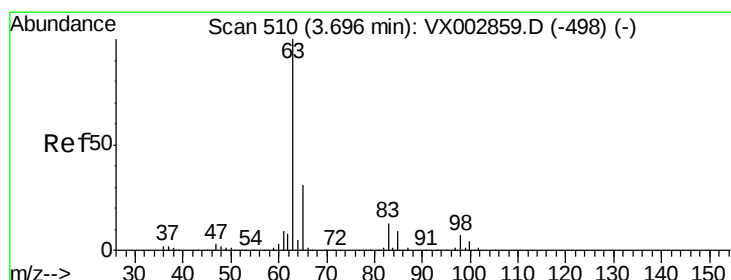
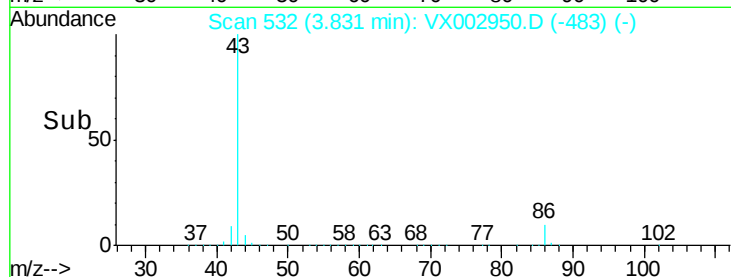
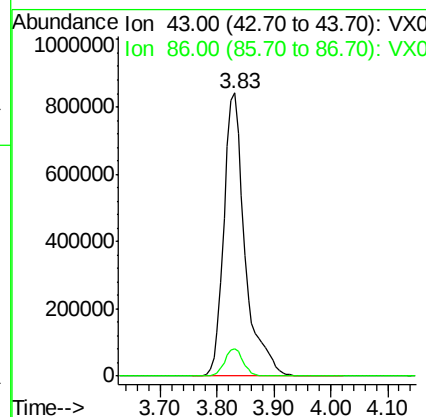
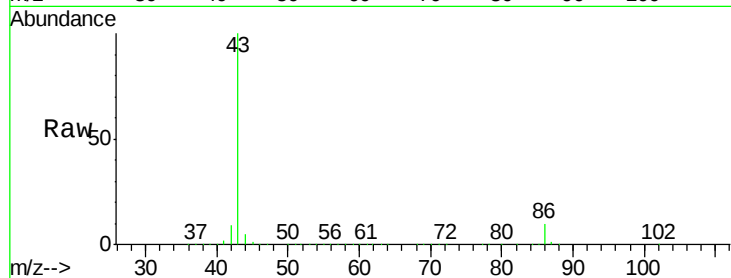
#23
 Vinyl Acetate
 Concen: 257.78 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2167794
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0

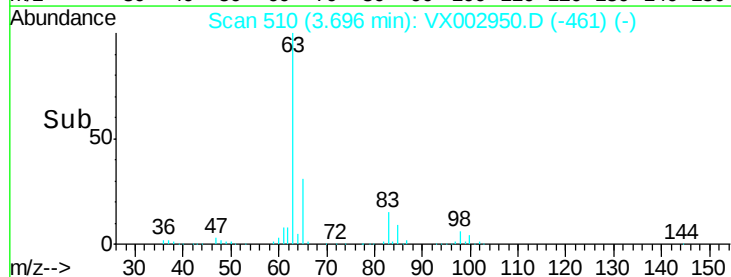
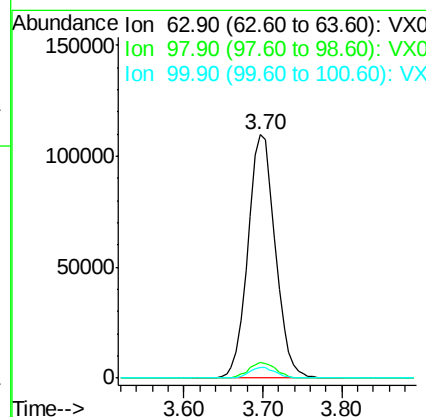
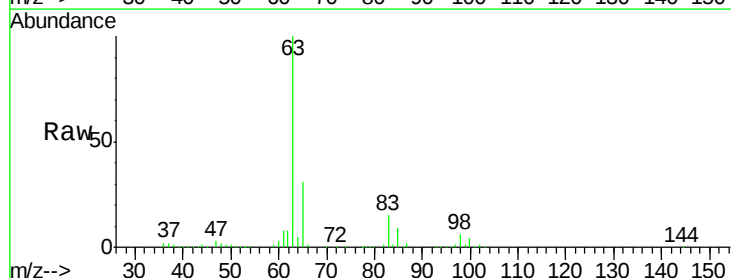
Manual Integrations
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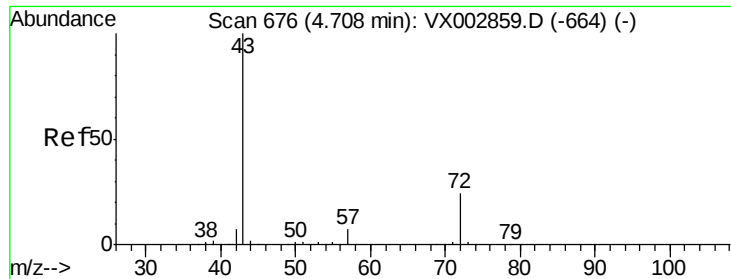
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#24
 1,1-Dichloroethane
 Concen: 49.06 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 63 Resp: 264835
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 251.25 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 570406

Ion Ratio Lower Upper

43 100

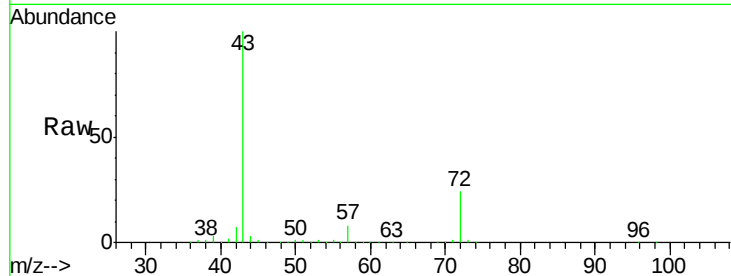
72 23.7 18.5 27.7

Manual Integrations

APPROVED

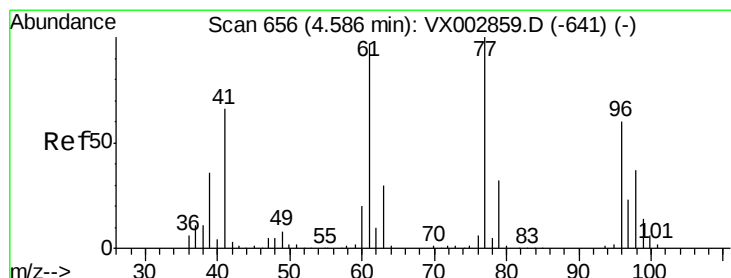
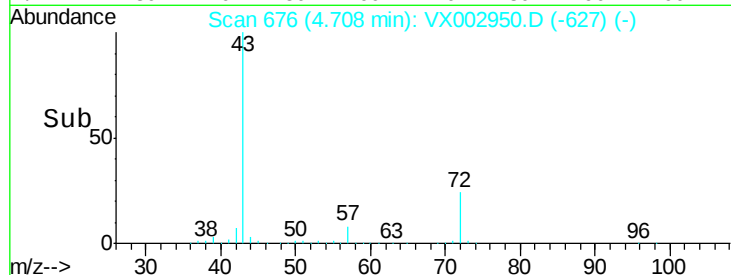
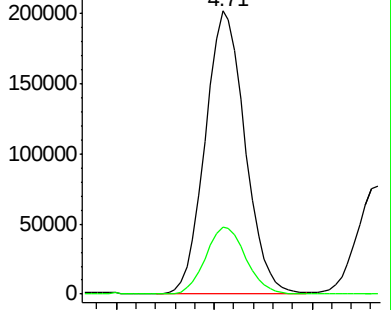
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.12 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002950.D

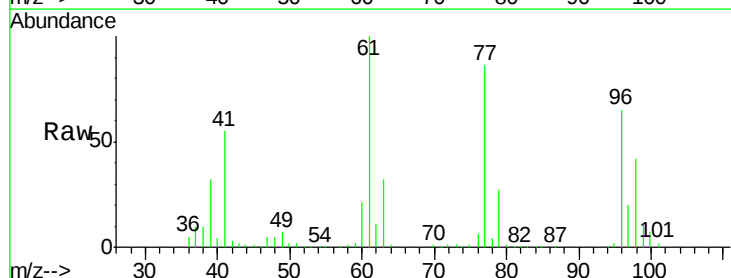
Acq: 27 Jun 2018 21:22

Tgt Ion: 77 Resp: 176110

Ion Ratio Lower Upper

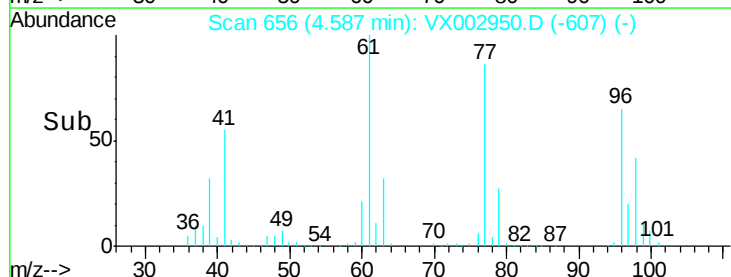
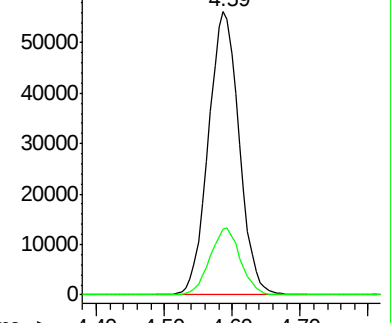
77 100

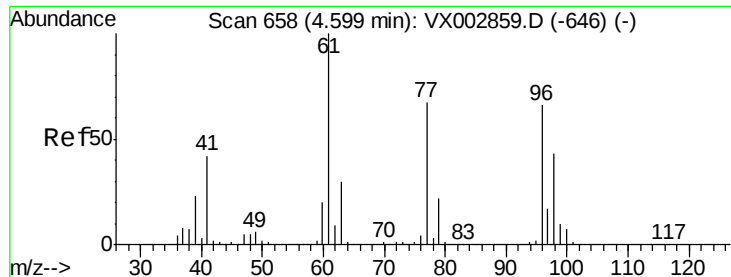
97 23.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.92 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 160689

Ion Ratio Lower Upper

96 100

61 151.1 0.0 330.2

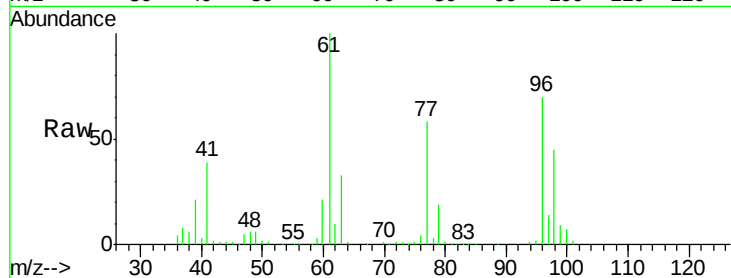
98 64.8 0.0 130.2

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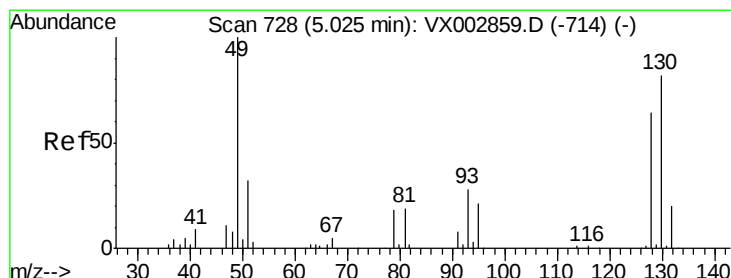
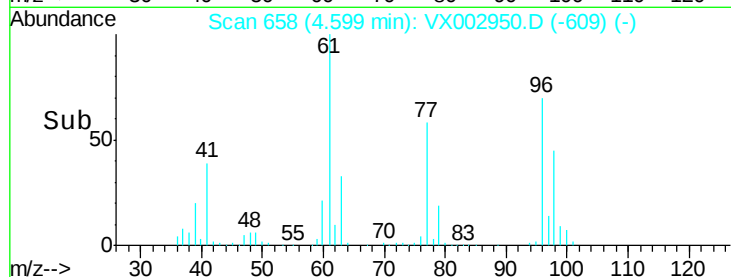
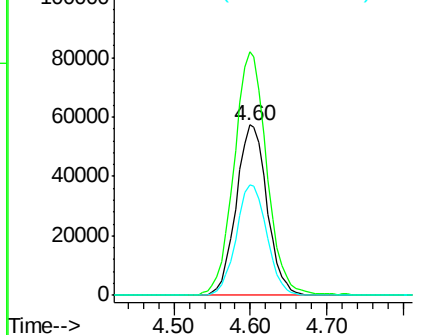
6/28/2018 4:47:56 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.45 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

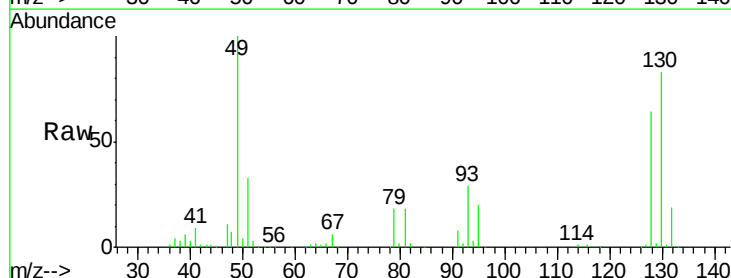
Tgt Ion: 49 Resp: 130340

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

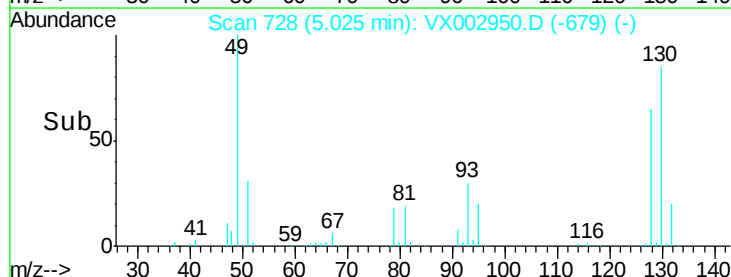
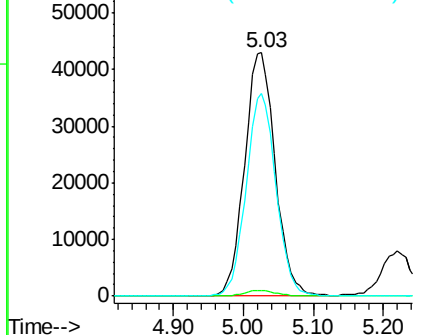
130 81.5 61.2 91.8

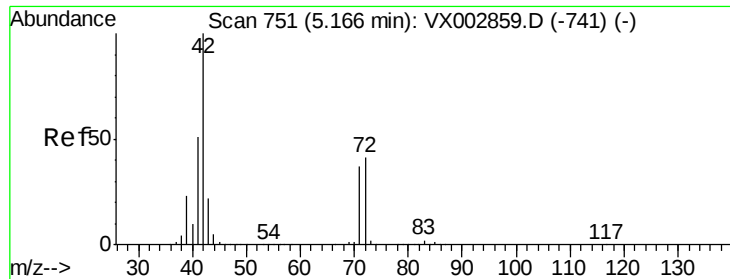


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





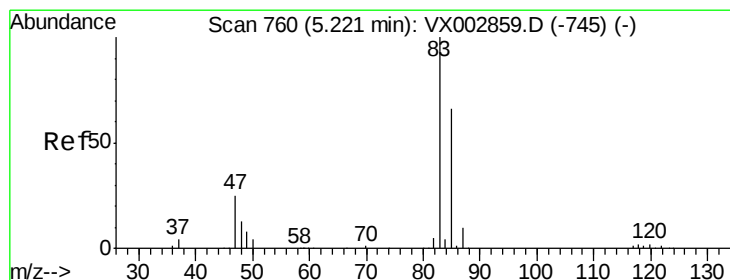
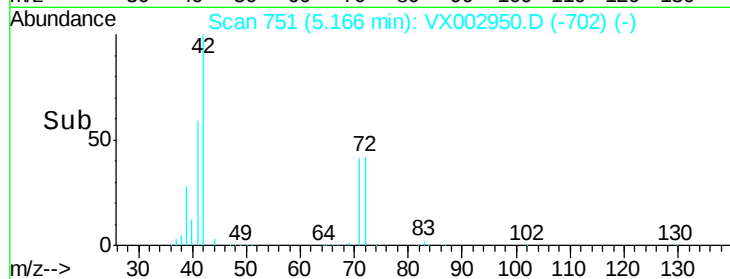
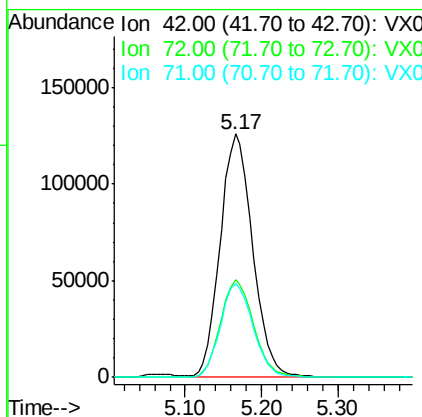
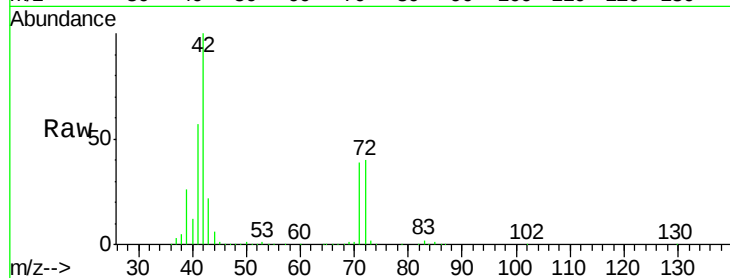
#29
Tetrahydrofuran
Concen: 253.03 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.0	48.0
71	38.8	30.1	45.1

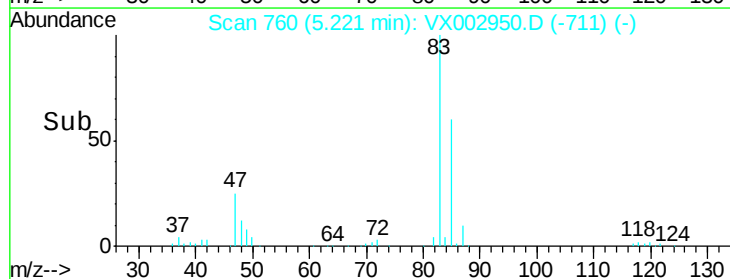
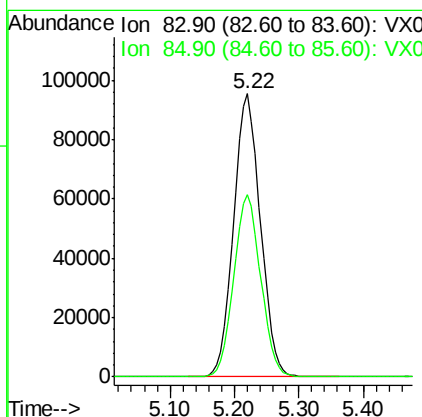
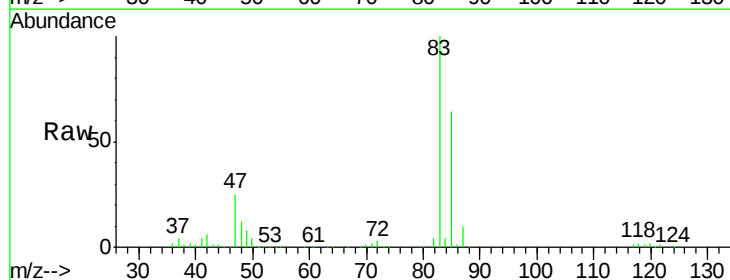
Manual Integrations
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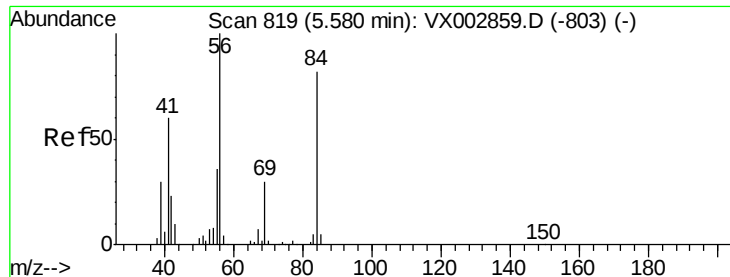
MMDadoda
6/28/2018 4:47:56 PM



#30
Chloroform
Concen: 49.96 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6





#31

Cyclohexane

Concen: 51.68 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

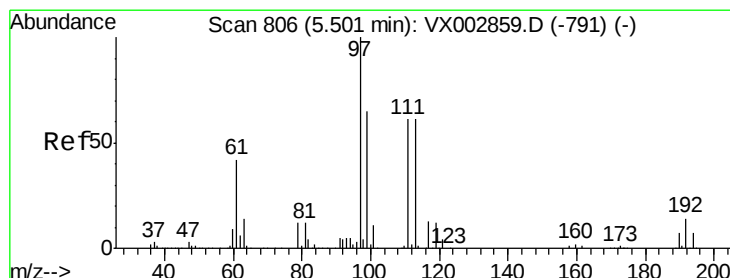
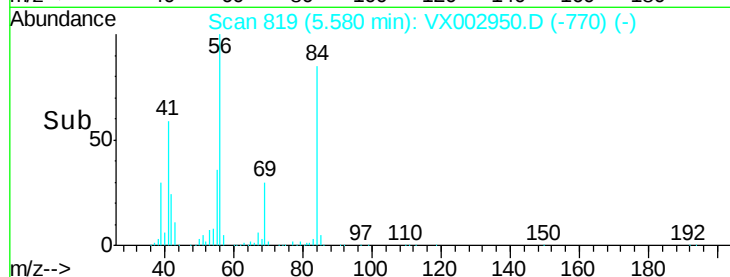
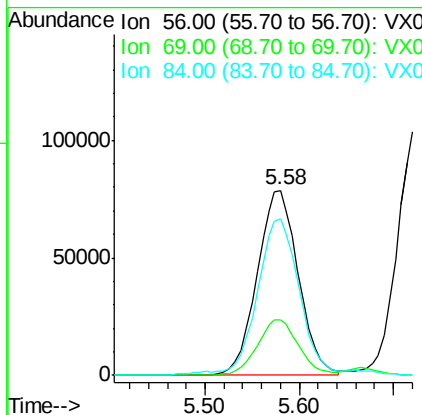
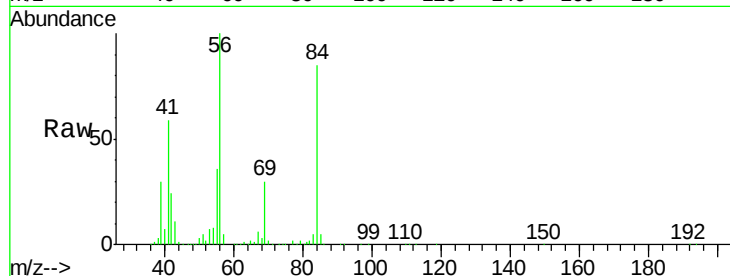
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	239384
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.7	35.5
84	83.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.55 ug/l

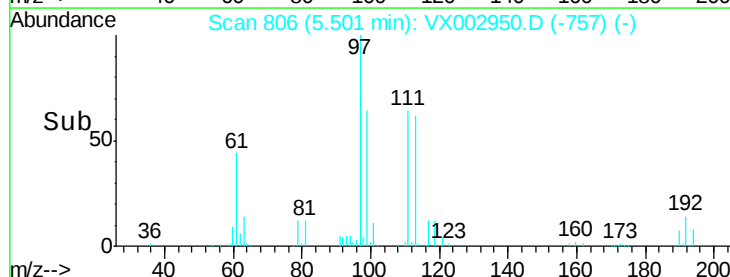
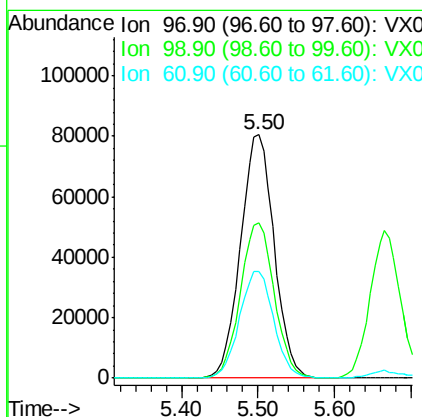
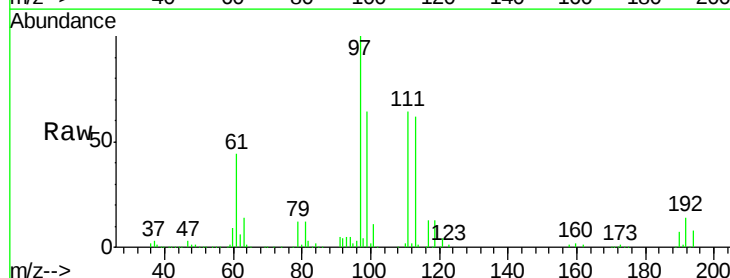
RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	97	Resp:	246380
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	44.9	36.4	54.6





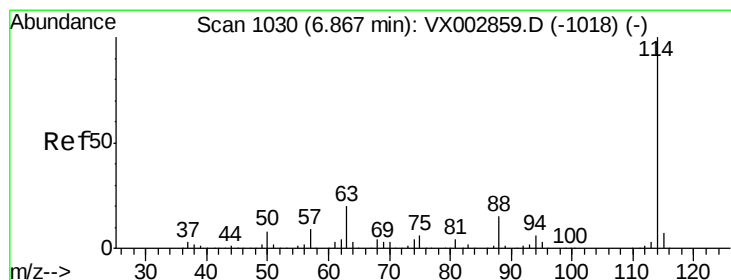
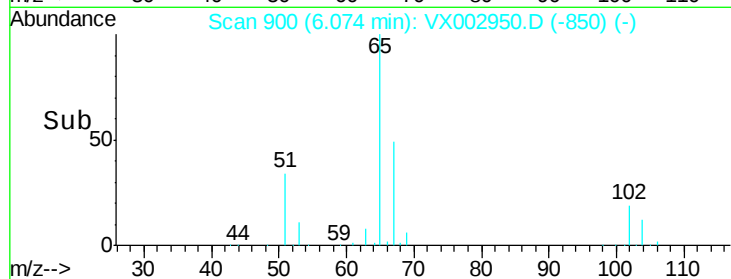
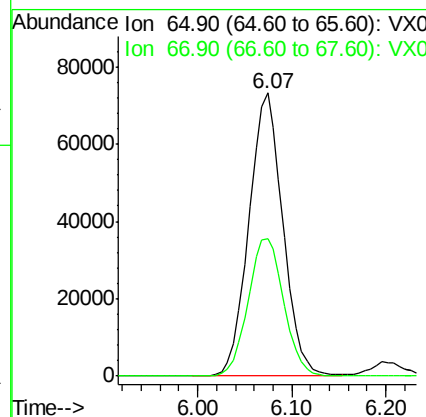
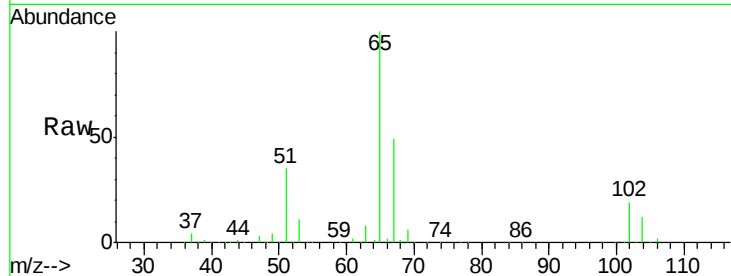
#33
 1,2-Dichloroethane-d4
 Concen: 50.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185325		
67	51.1	0.0	102.6	

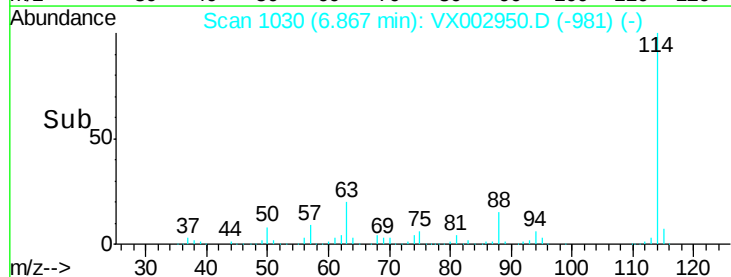
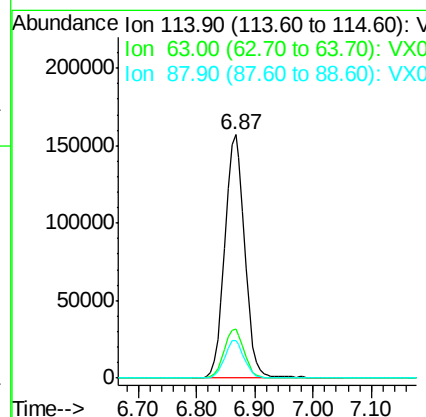
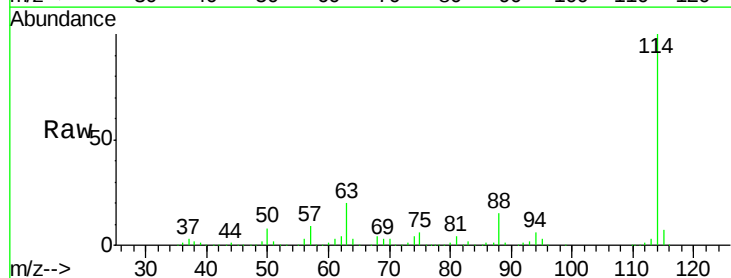
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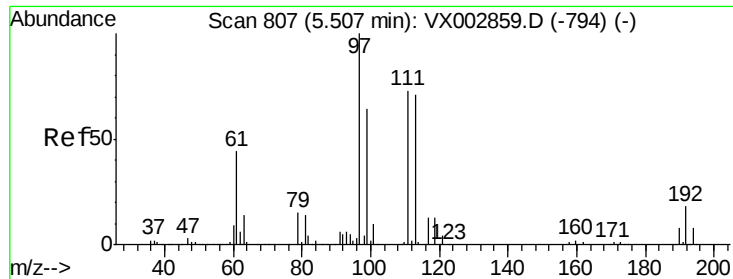
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372251		
63	20.2	0.0	41.4	
88	15.4	0.0	30.0	





#35

Dibromofluoromethane

Concen: 50.45 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

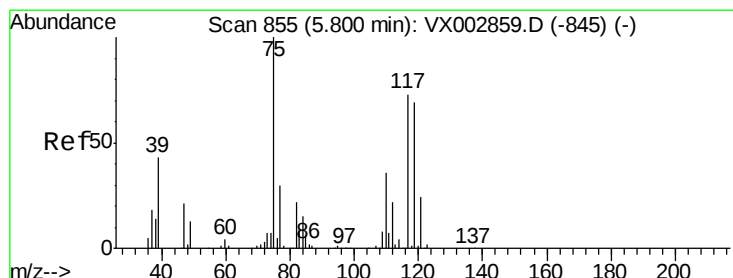
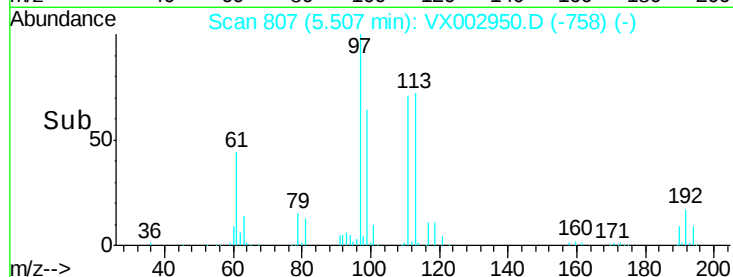
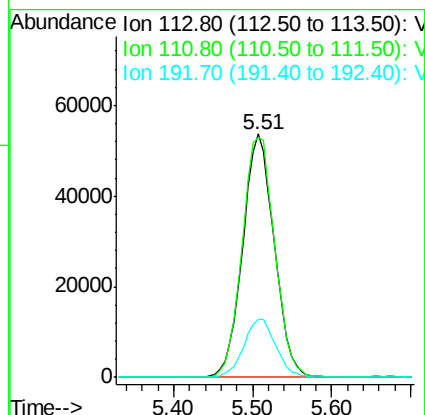
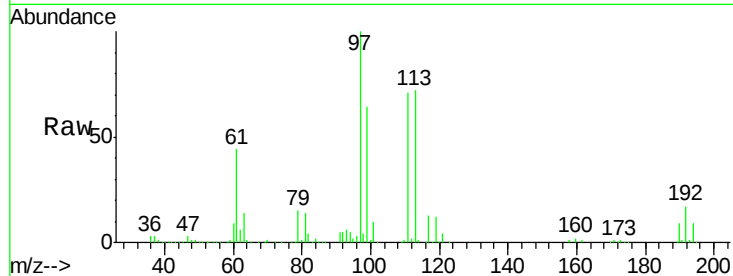
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	148735
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	24.3	19.1	28.7

Manual Integrations
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6/28/2018 4:47:56 PM



#36

1,1-Dichloropropene

Concen: 49.80 ug/l

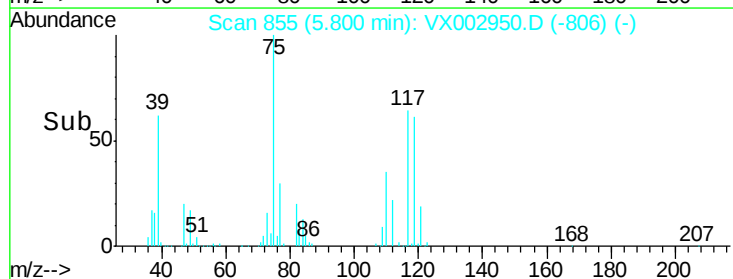
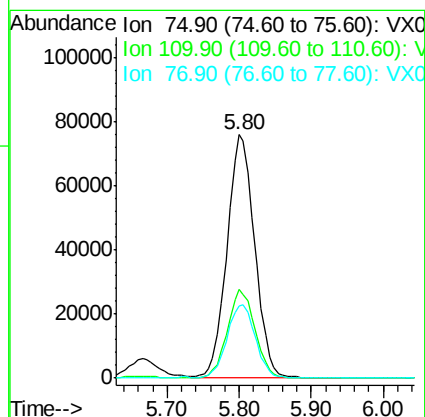
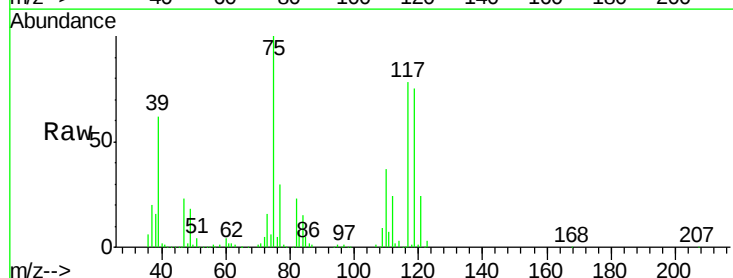
RT: 5.80 min Scan# 855

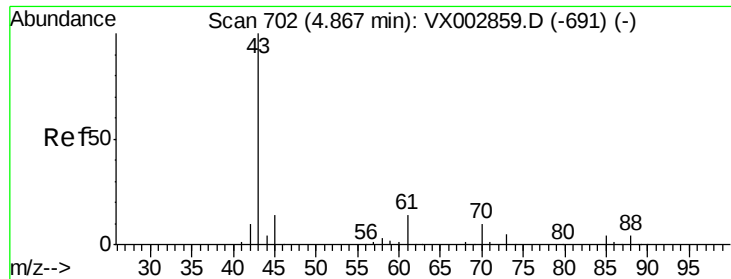
Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	75	Resp:	203282
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.4
77	30.9	24.3	36.5





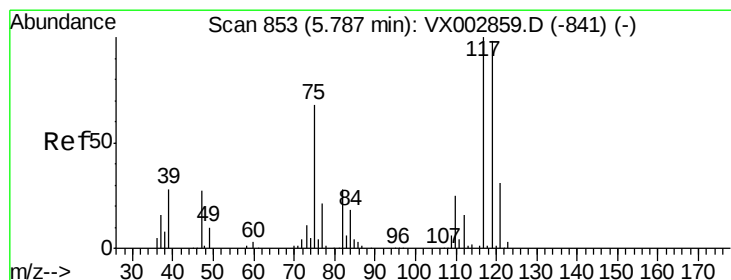
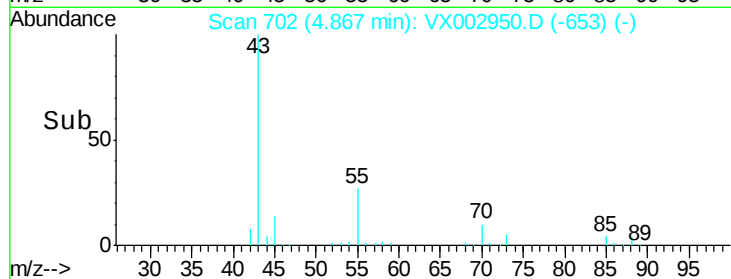
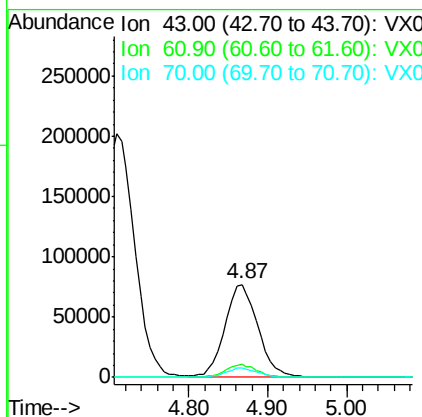
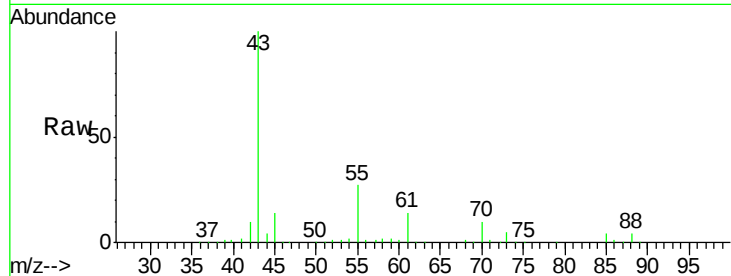
#37
Ethyl Acetate
Concen: 50.93 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

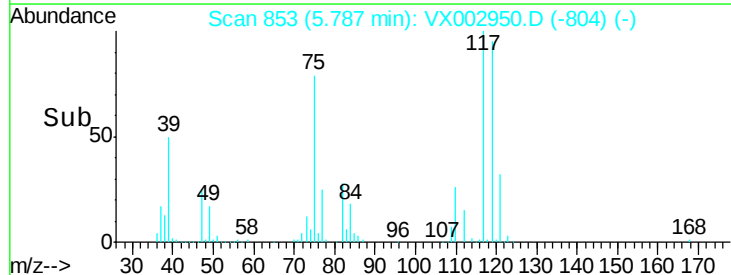
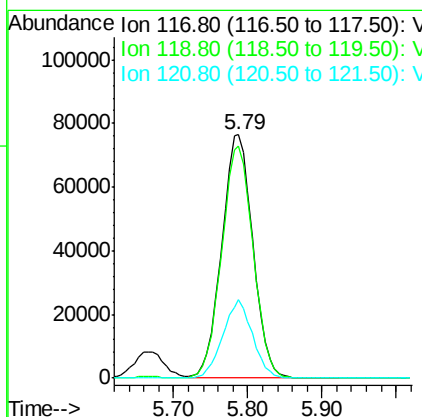
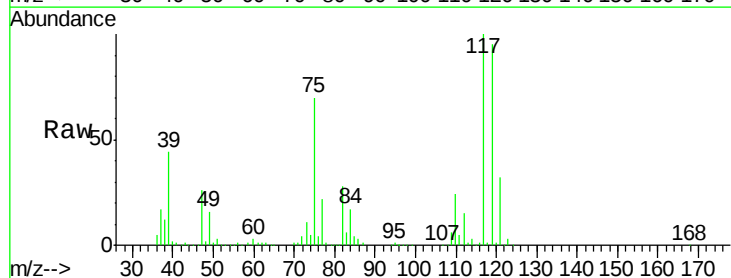
Manual Integrations
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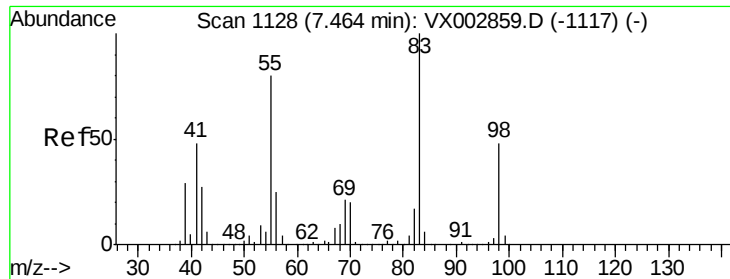
MMDadoda
6/28/2018 4:47:56 PM



#38
Carbon Tetrachloride
Concen: 49.84 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
121	32.1	24.4	36.6





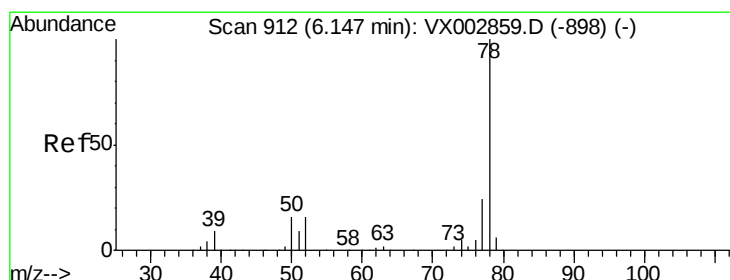
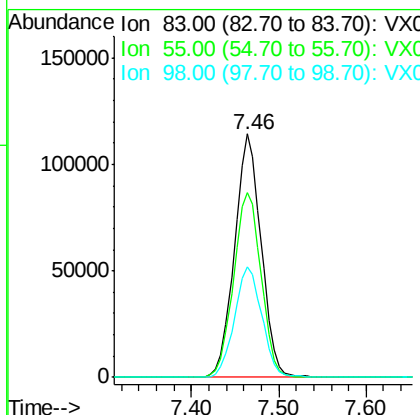
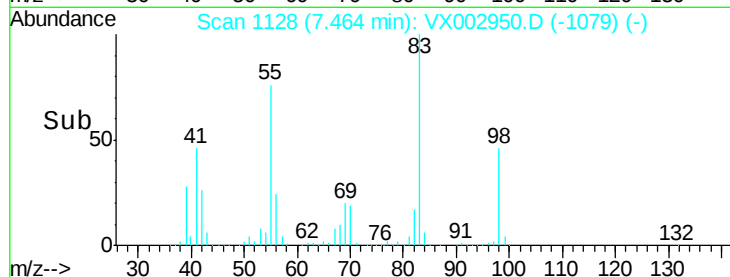
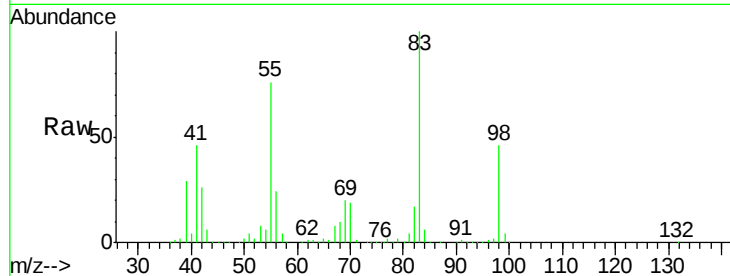
#39
Methvlcvclohexane
Concen: 50.73 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	65.4	98.0
98	45.5	37.4	56.0

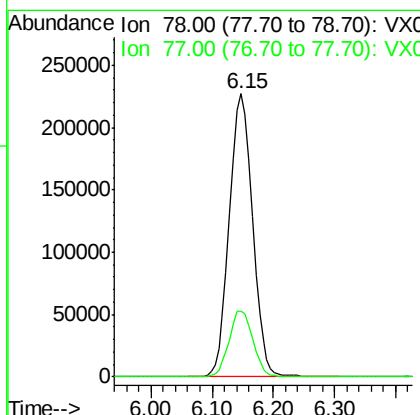
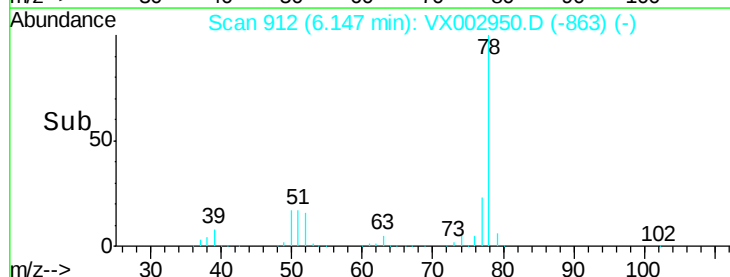
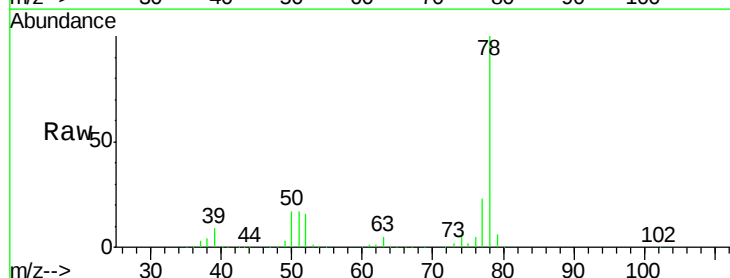
Manual Integrations
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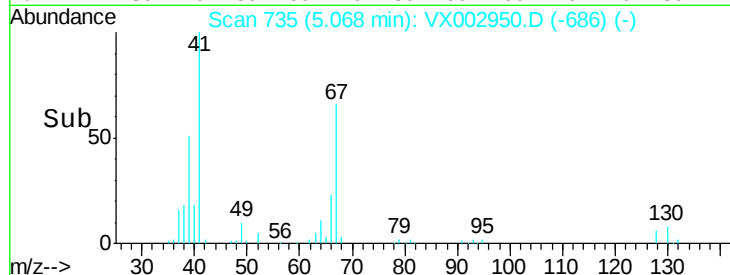
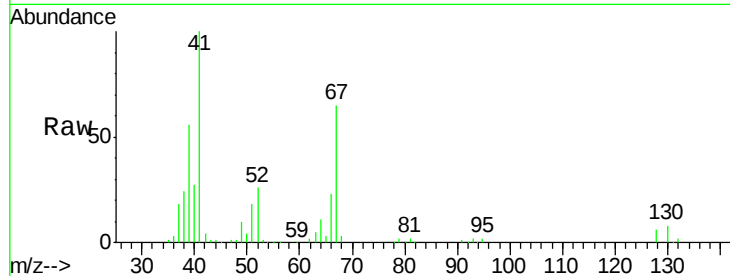
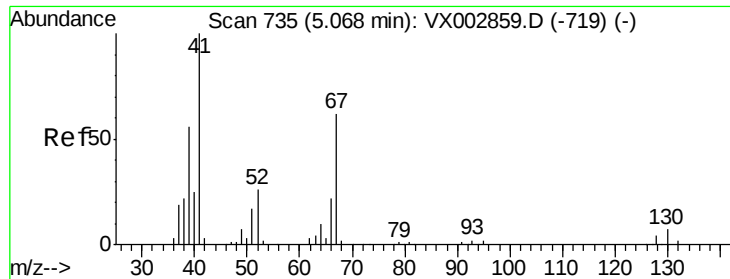
MMDadoda
6/28/2018 4:47:56 PM



#40
Benzene
Concen: 50.13 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

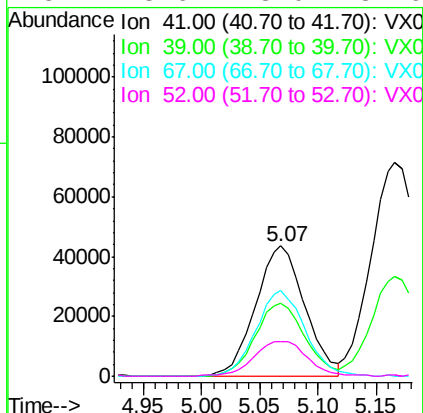
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





#41
Methacrylonitrile
Concen: 50.15 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

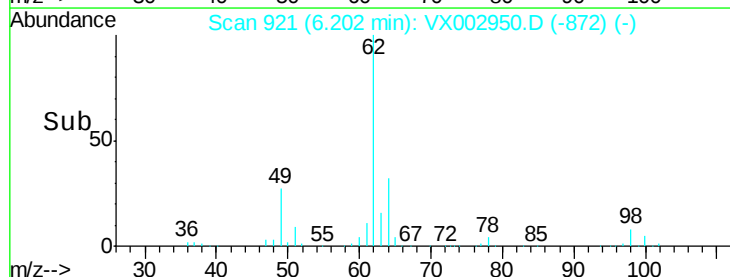
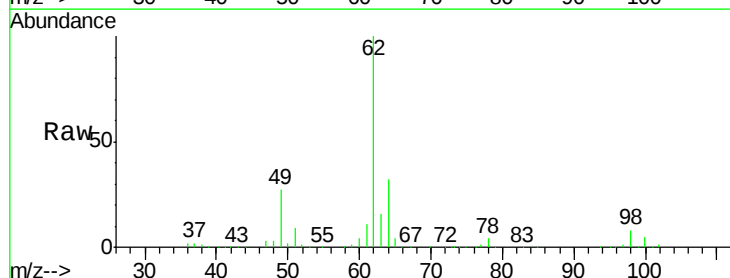
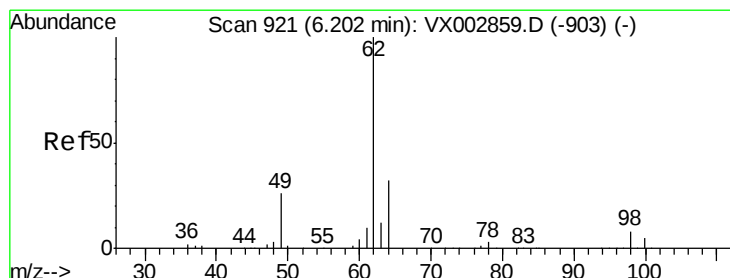
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.6	45.8	68.6		
67	66.1	51.3	76.9		
52	28.6	23.0	34.6		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

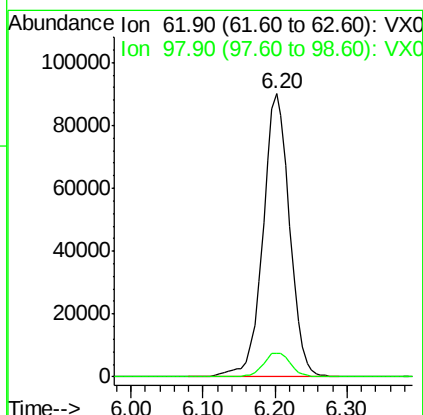
Manual Integrations
APPROVED

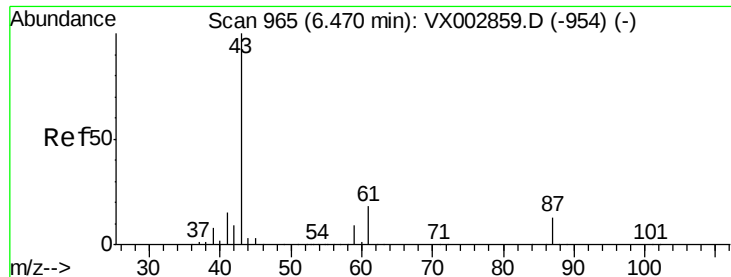
MMDadoda
6/28/2018 4:47:56 PM



#42
1,2-Dichloroethane
Concen: 48.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.6	0.0	16.6		





#43

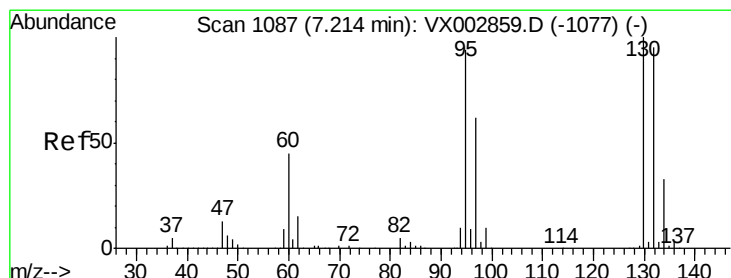
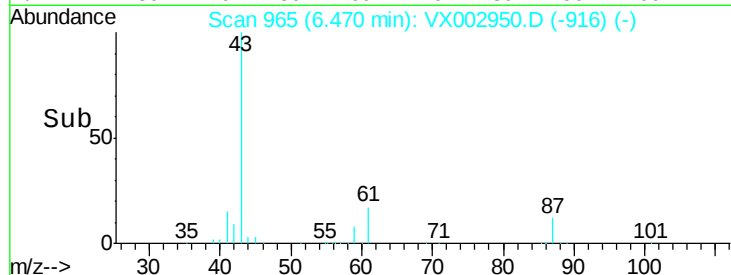
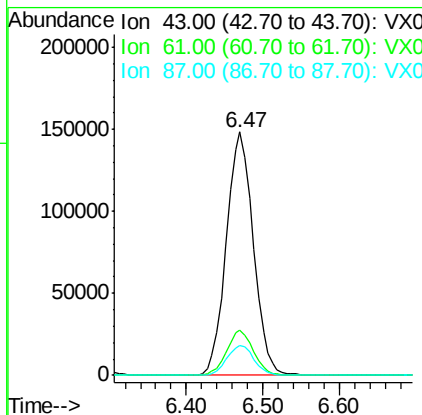
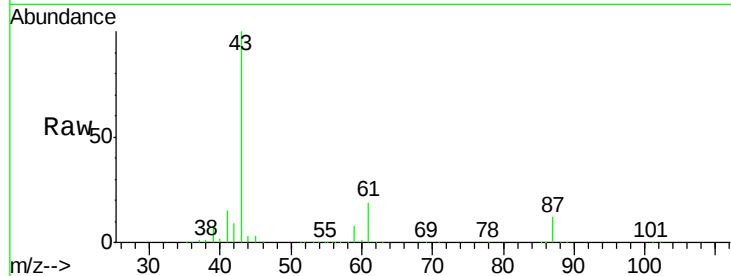
Isopropyl Acetate
 Concen: 48.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.5	9.5	14.3

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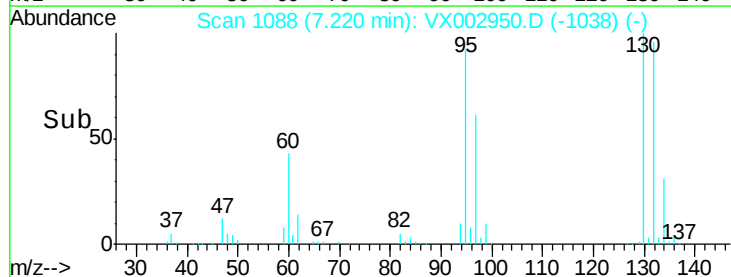
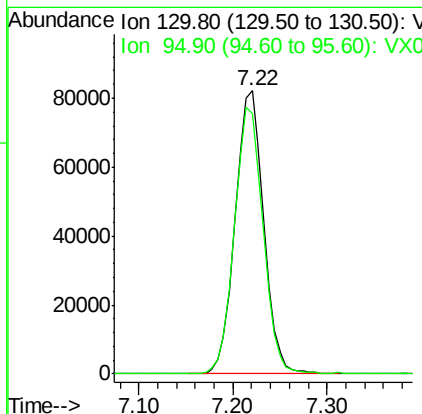
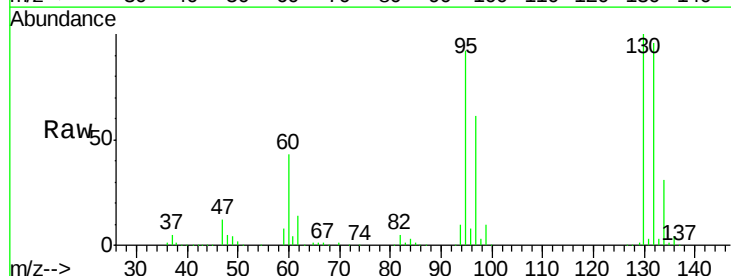
MMDadoda
 6/28/2018 4:47:56 PM



#44

Trichloroethene
 Concen: 49.00 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	185.4





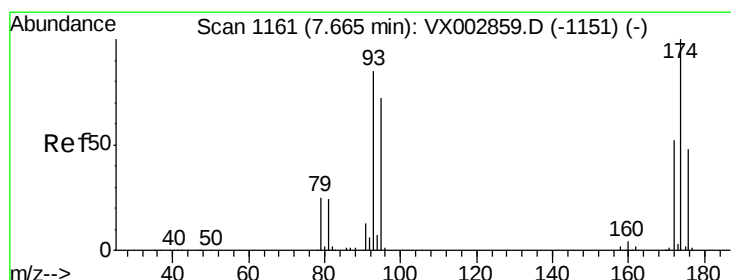
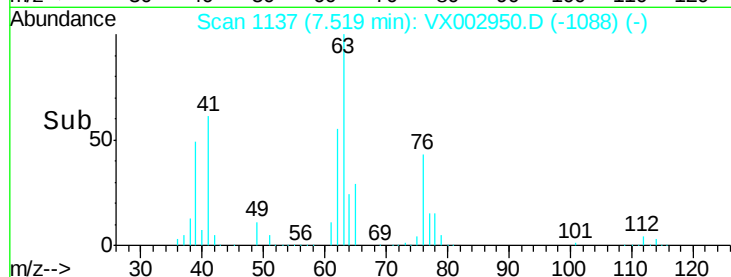
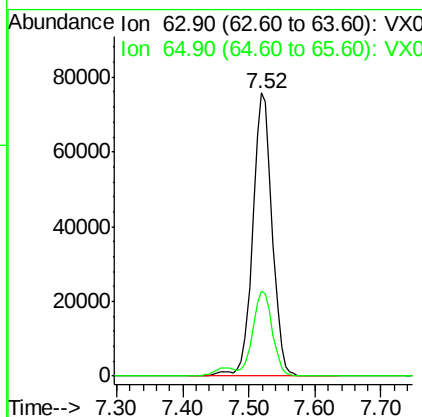
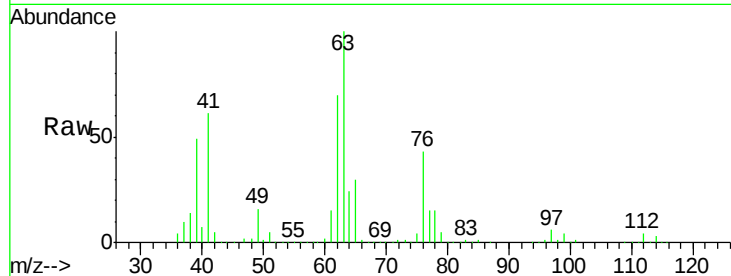
#45
 1,2-Dichloropropane
 Concen: 49.67 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 156276
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

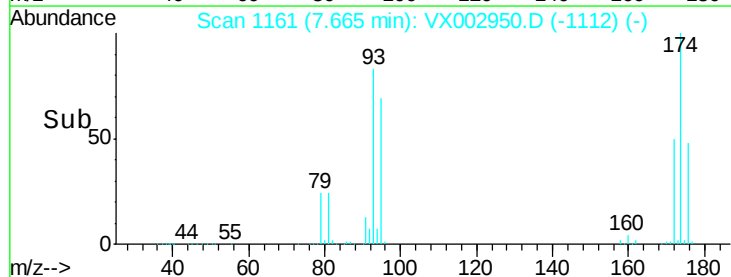
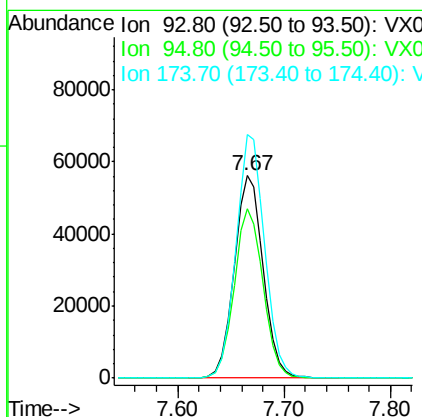
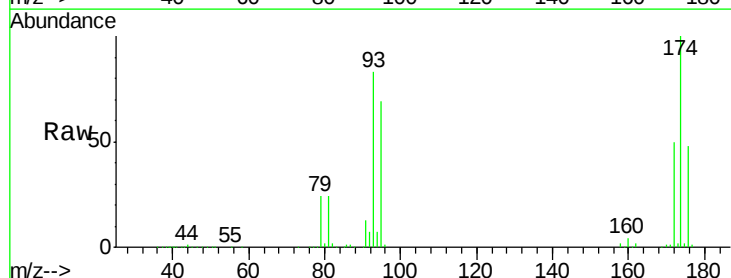
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#46
 Dibromomethane
 Concen: 49.05 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 93 Resp: 107109
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 119.7 92.4 138.6





#47

Bromodichloromethane

Concen: 50.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

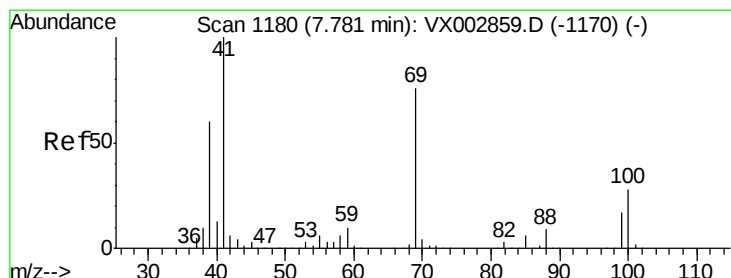
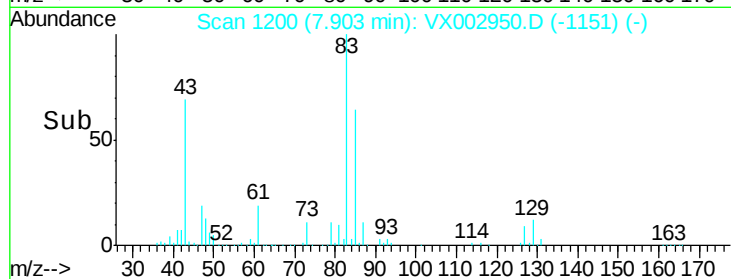
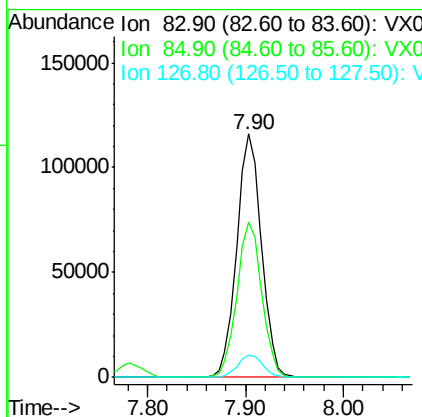
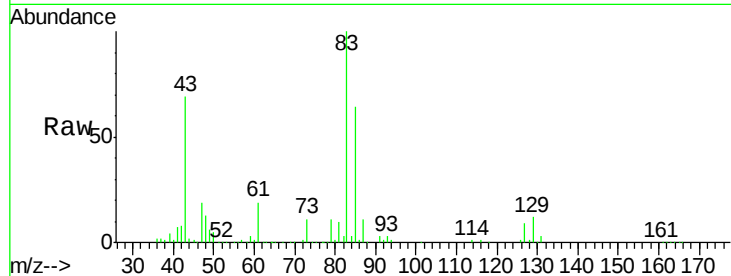
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	203242
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.3	75.5
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.74 ug/l

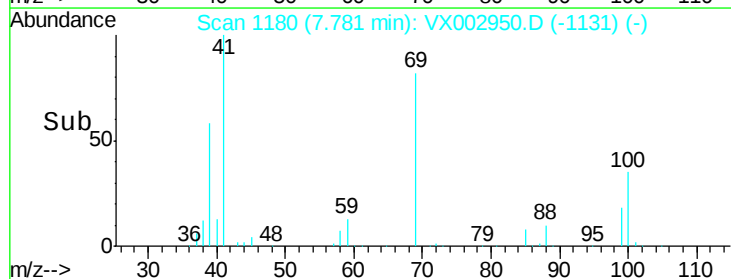
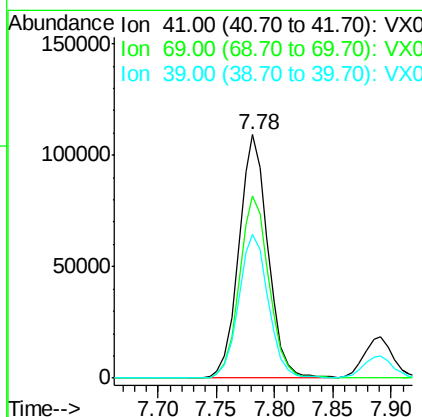
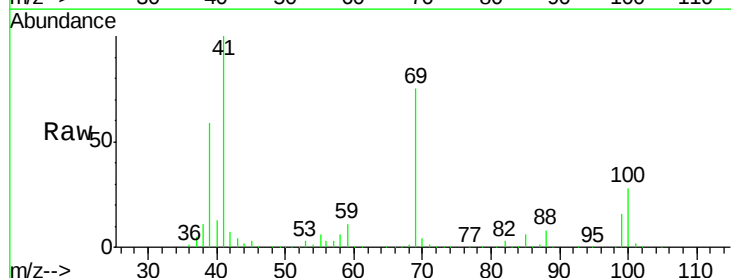
RT: 7.78 min Scan# 1180

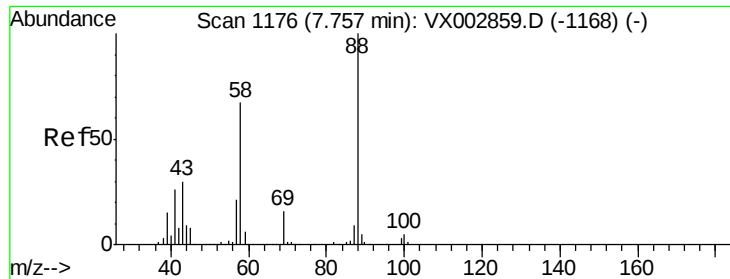
Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	41	Resp:	188933
Ion Ratio	Lower	Upper	
41	100		
69	76.6	59.1	88.7
39	60.1	48.9	73.3





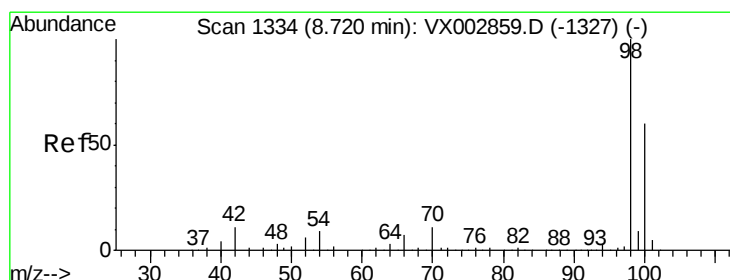
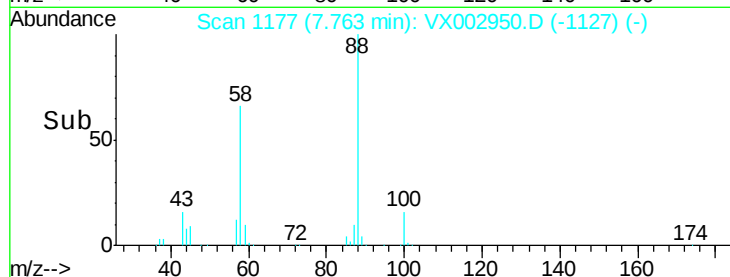
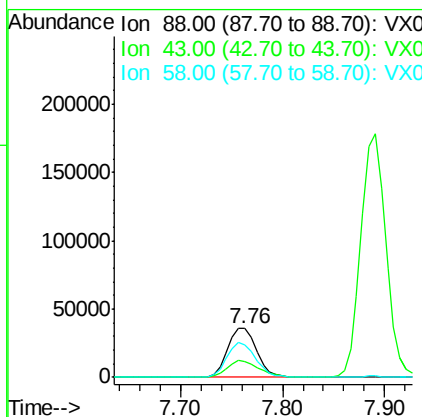
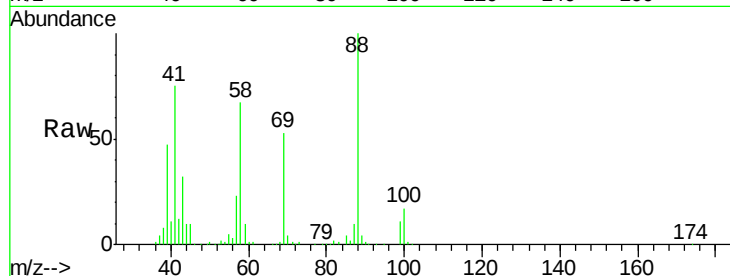
#49
1,4-Dioxane
Concen: 960.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.8	44.6
58	71.7	57.1	85.7

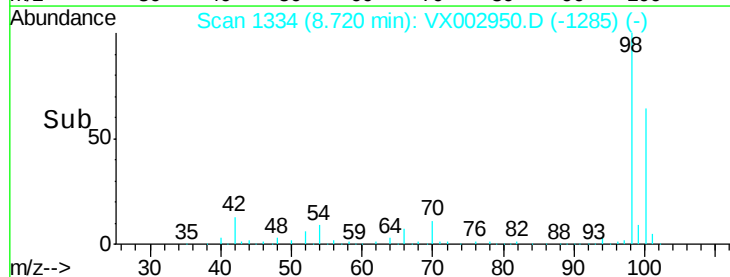
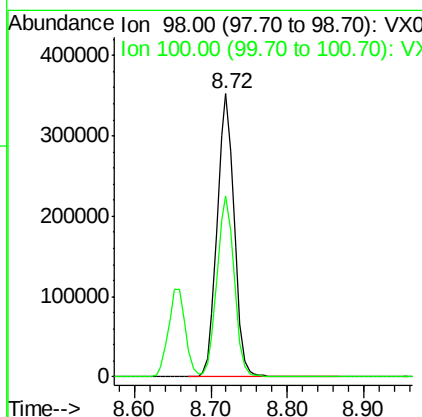
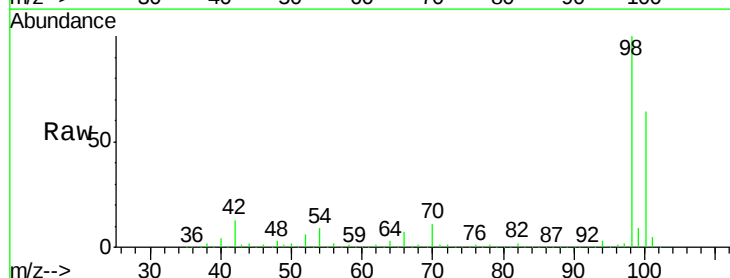
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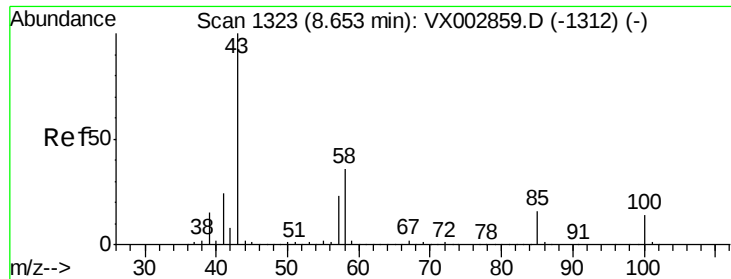
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#50
Toluene-d8
Concen: 50.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





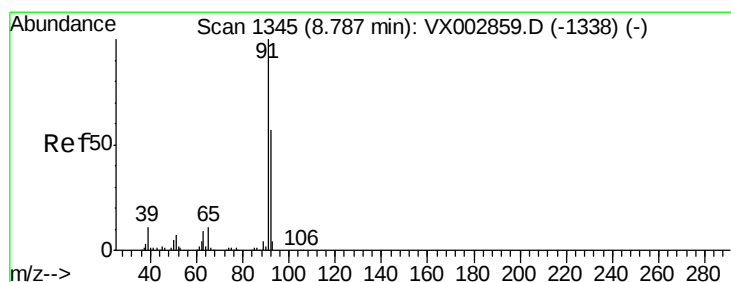
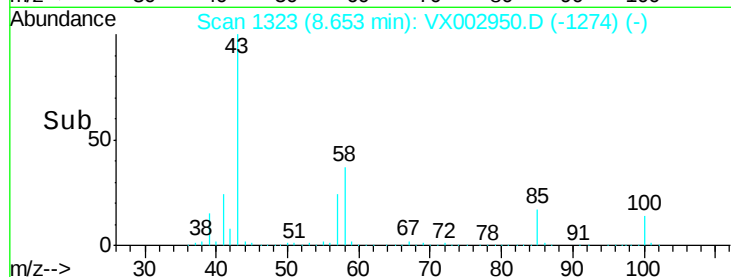
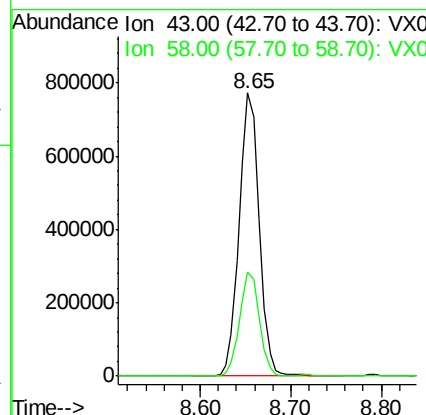
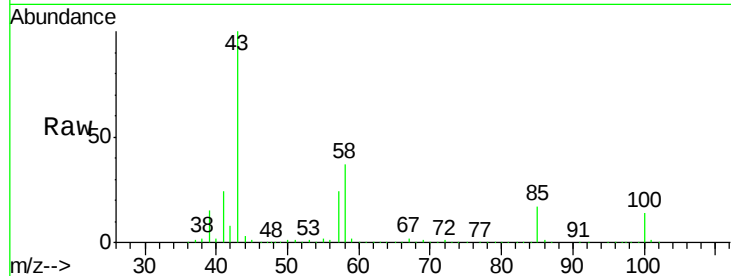
#51
4-Methyl-2-Pentanone
Concen: 257.02 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1185386
Ion Ratio Lower Upper
43 100
58 36.4 28.6 42.8

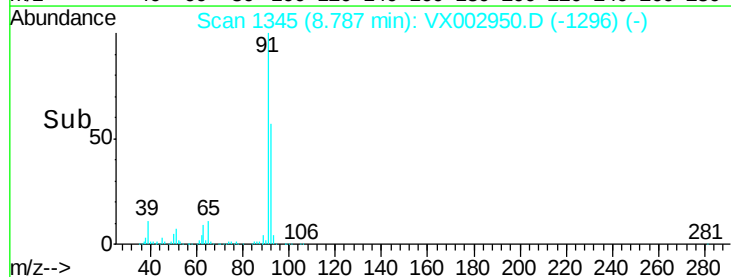
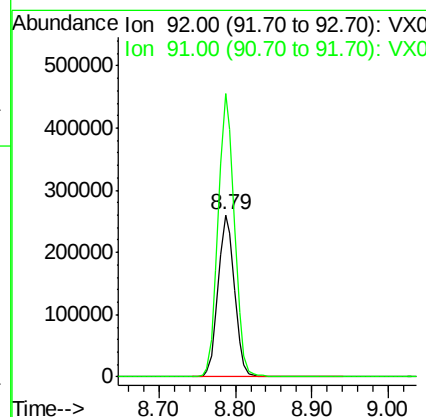
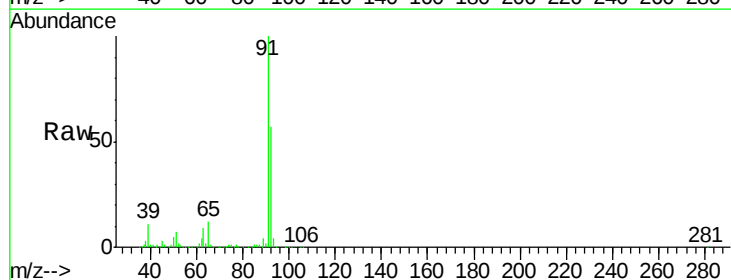
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#52
Toluene
Concen: 51.24 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 92 Resp: 389307
Ion Ratio Lower Upper
92 100
91 173.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 50.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 231822

Ion Ratio Lower Upper

75 100

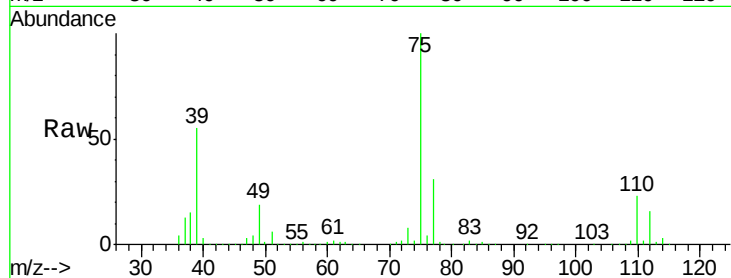
77 31.0 25.4 38.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

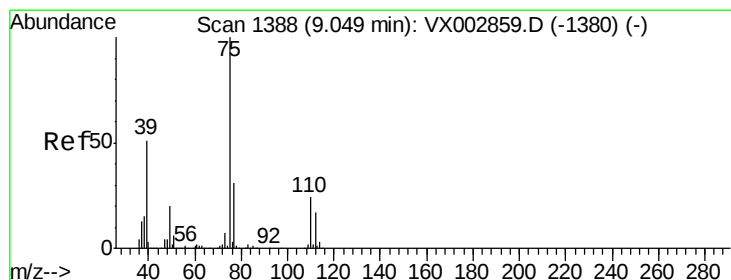
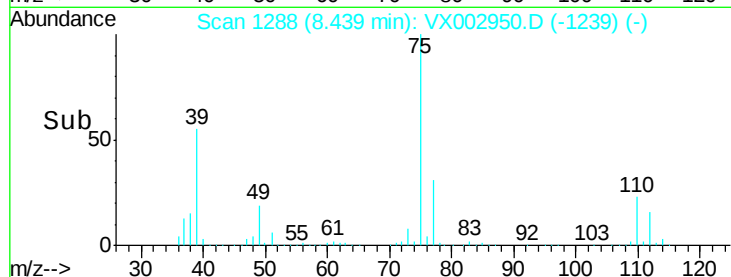
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.04 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

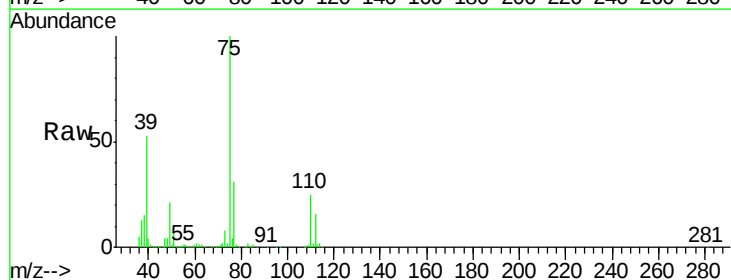
Tgt Ion: 75 Resp: 215700

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 52.6 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

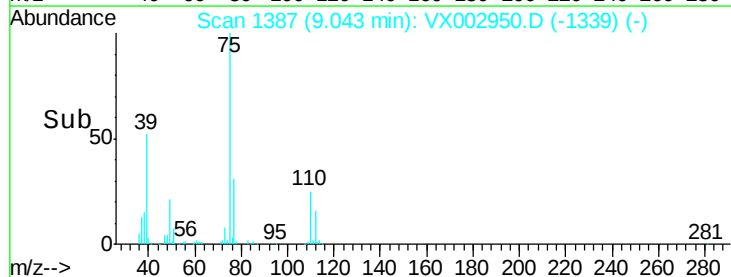
150000

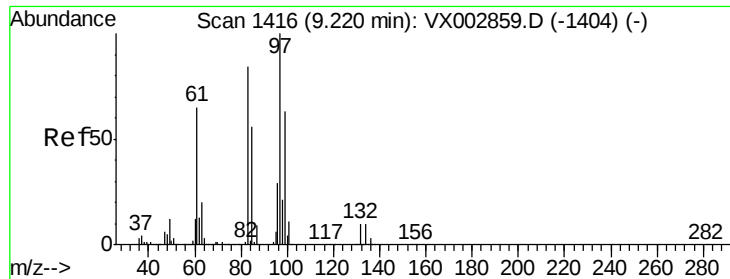
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50000

0

Time-->





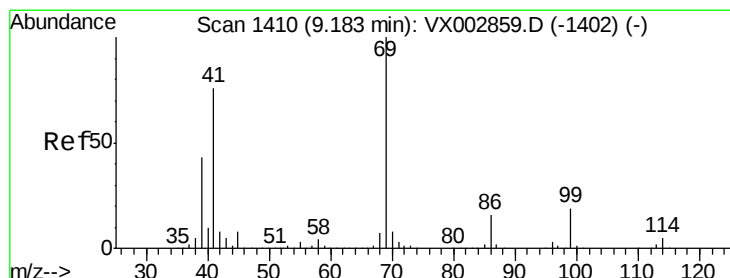
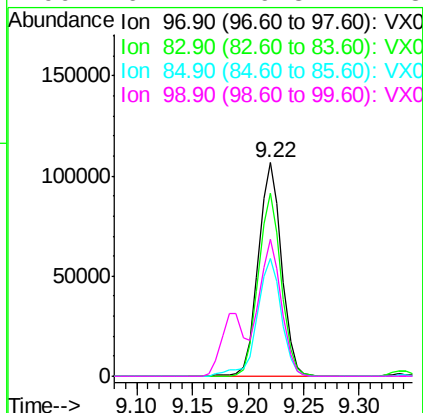
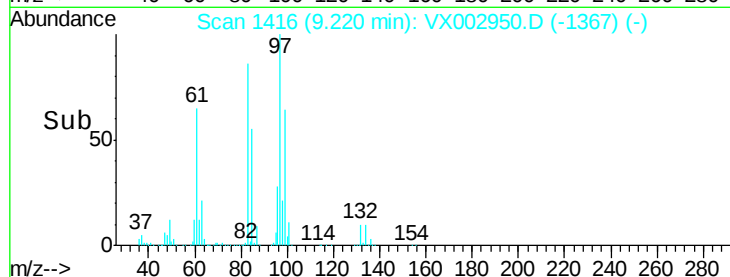
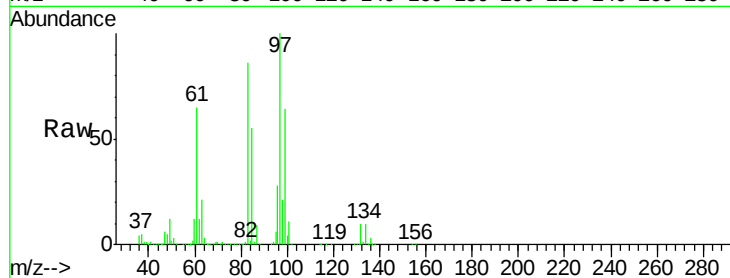
#55
 1,1,2-Trichloroethane
 Concen: 50.01 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	55.4	44.9	67.3
99	64.4	49.8	74.8

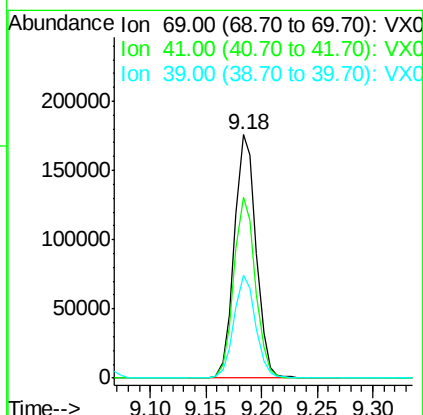
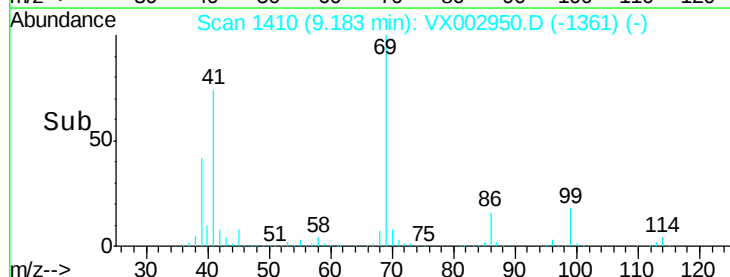
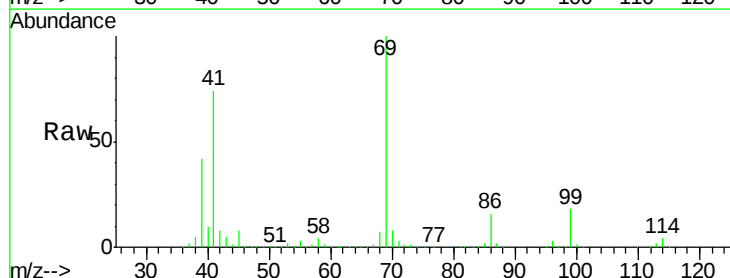
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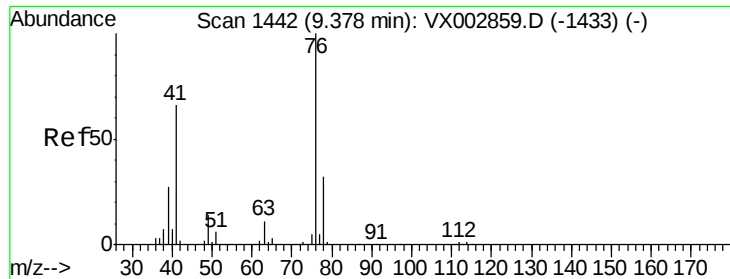
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#56
 Ethyl methacrylate
 Concen: 52.33 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	41.7	35.8	53.8





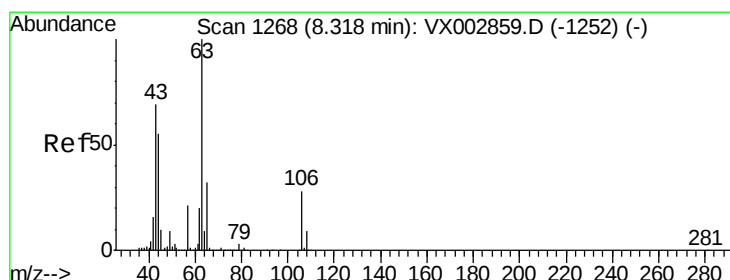
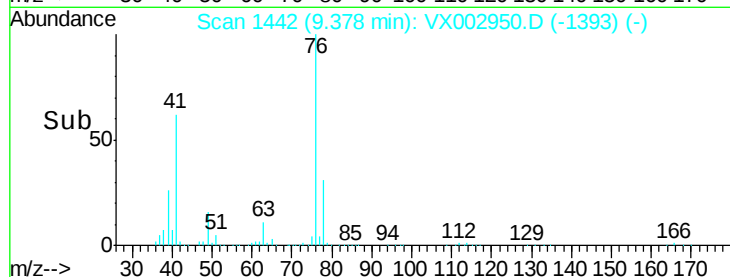
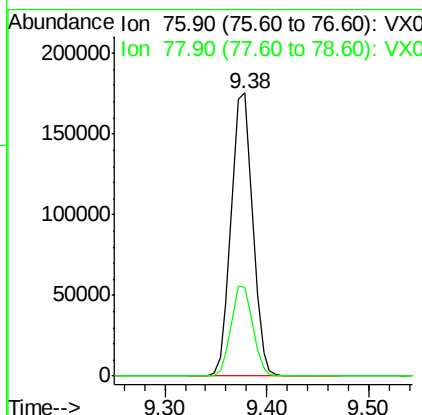
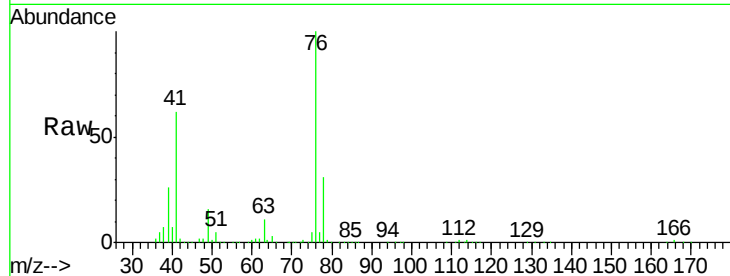
#57
 1,3-Dichloropropane
 Concen: 49.90 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

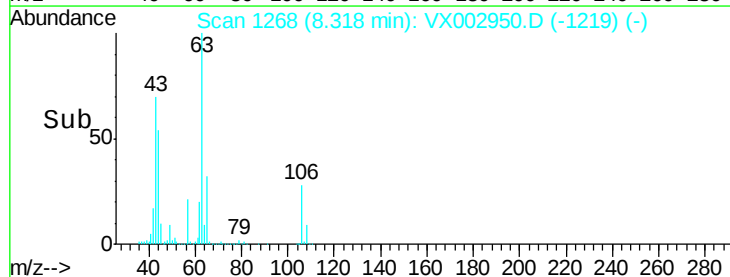
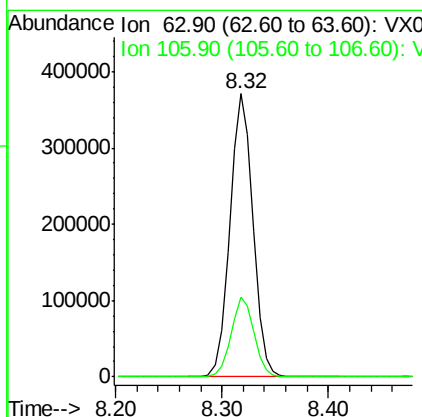
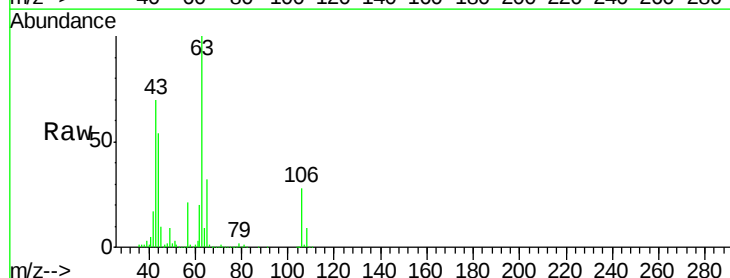
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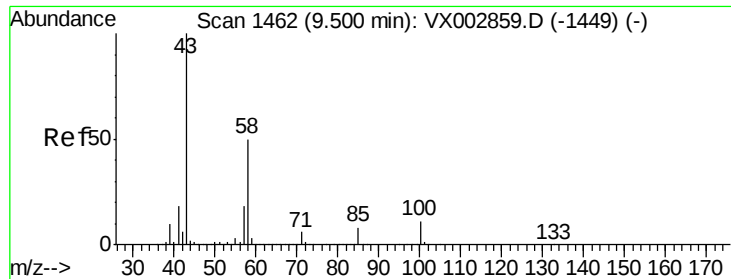
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.46 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	21.8	32.8





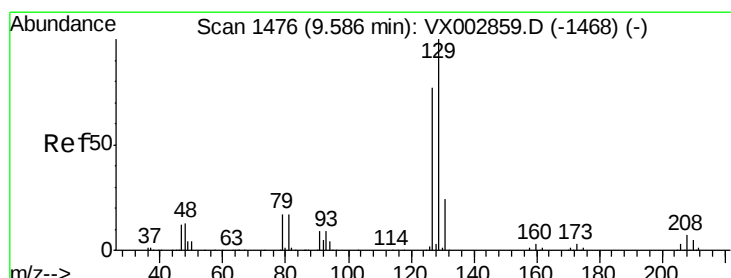
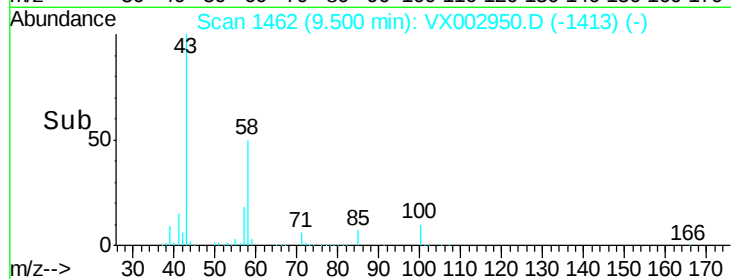
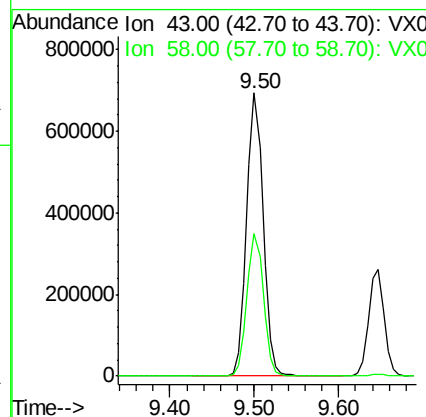
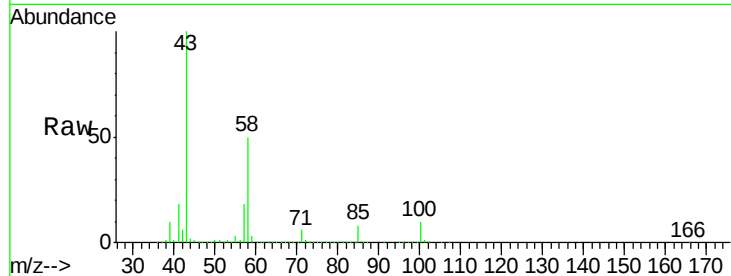
#59
2-Hexanone
Concen: 258.44 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	905887
Ion Ratio	100	Lower	Upper
43	100		
58	50.6	24.6	73.6

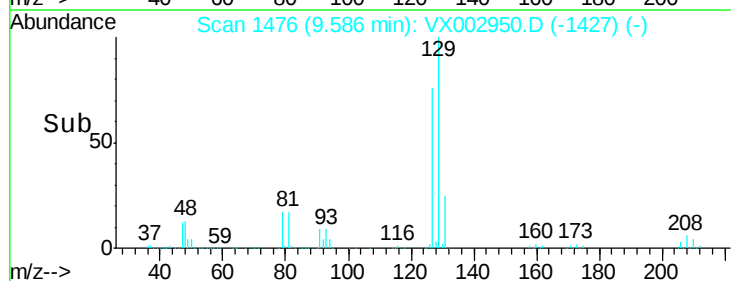
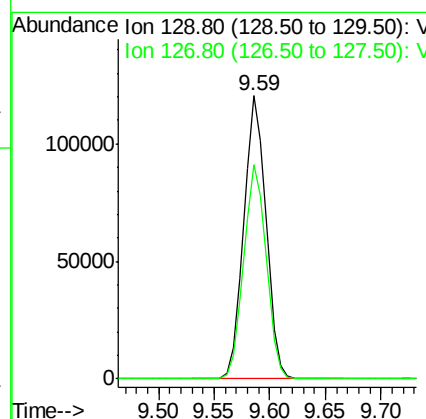
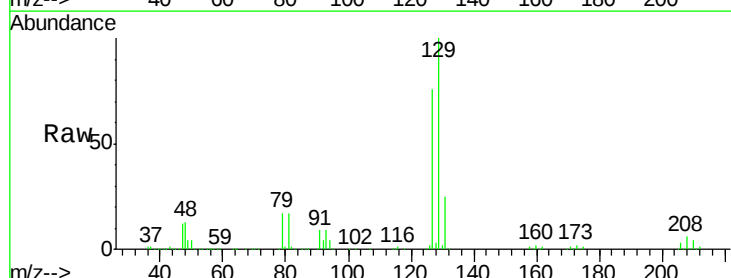
Manual Integrations
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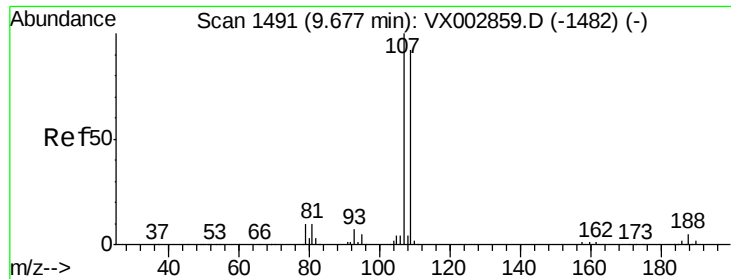
MMDadoda
6/28/2018 4:47:56 PM



#60
Dibromochloromethane
Concen: 50.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	129	Resp	167520
Ion Ratio	100	Lower	Upper
129	100		
127	76.6	38.5	115.3





#61

1,2-Dibromoethane

Concen: 50.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 165612

Ion Ratio Lower Upper

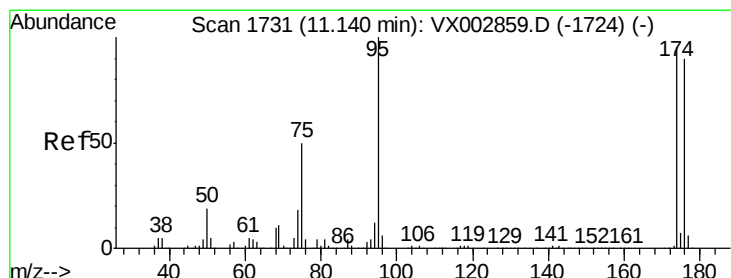
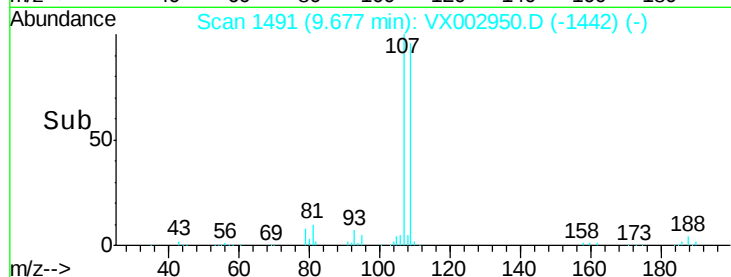
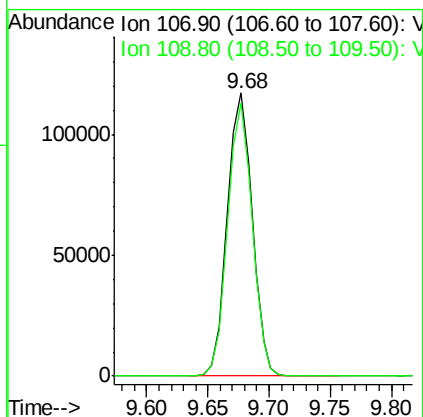
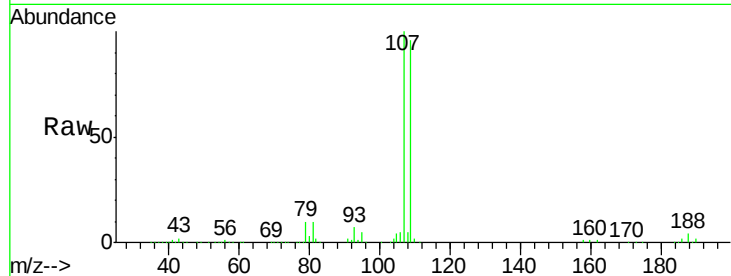
107 100

109 95.1 75.3 112.9

Manual Integrations
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6/28/2018 4:47:56 PM



#62

4-Bromofluorobenzene

Concen: 50.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

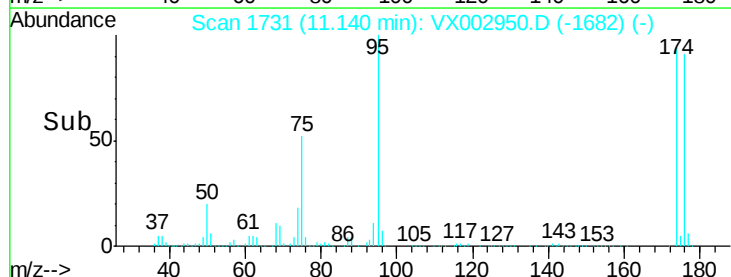
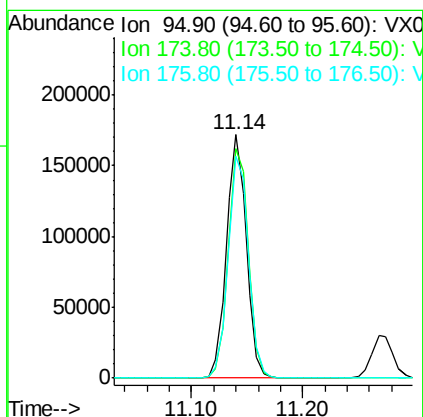
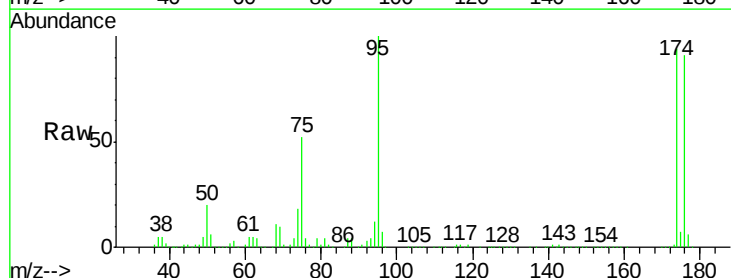
Tgt Ion: 95 Resp: 211059

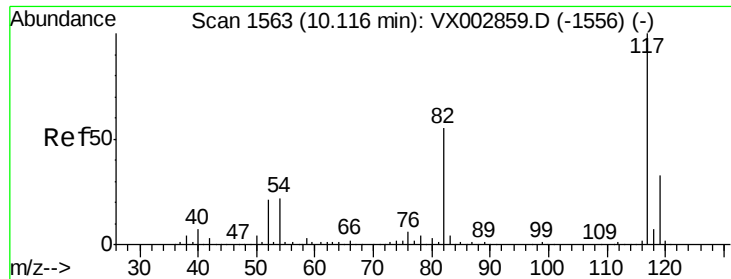
Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

176 93.7 0.0 181.0





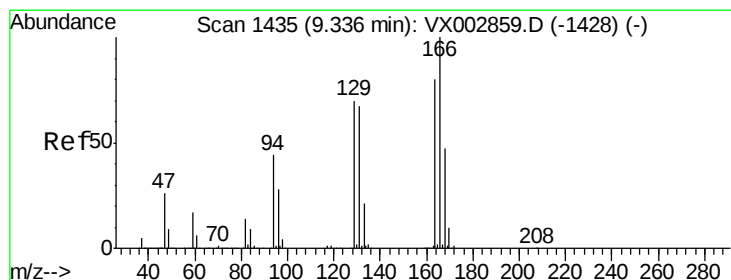
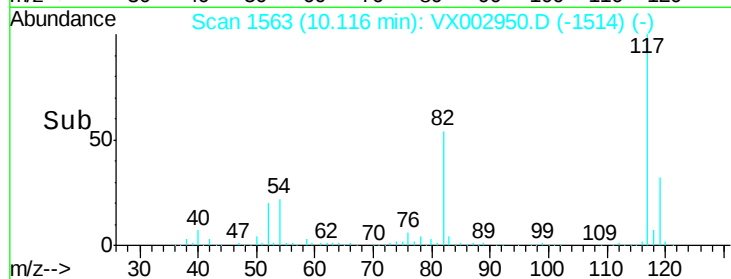
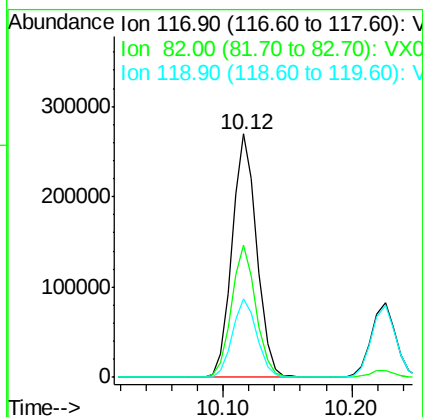
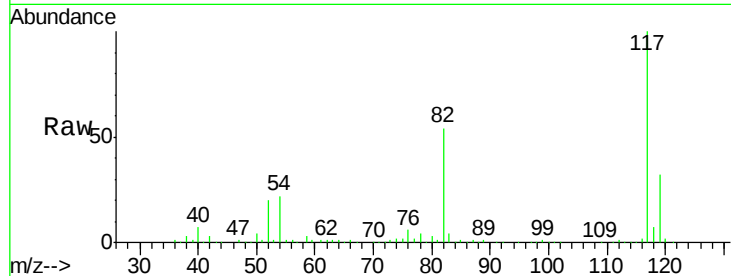
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	32.5	25.8	38.6

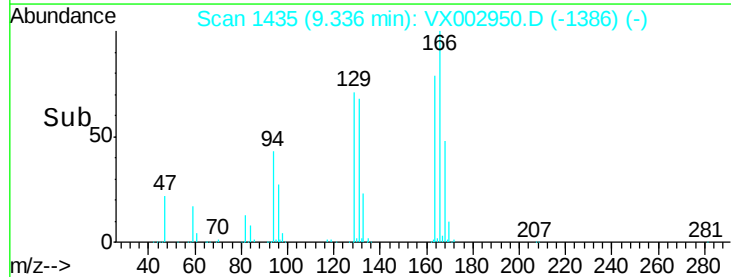
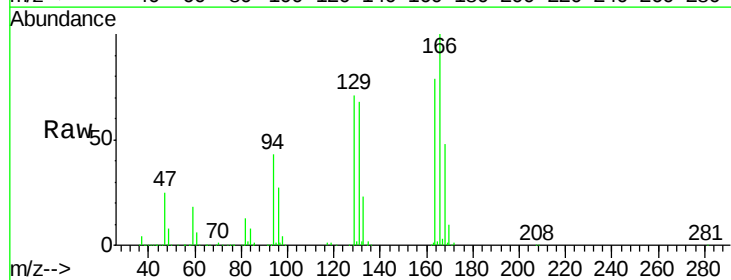
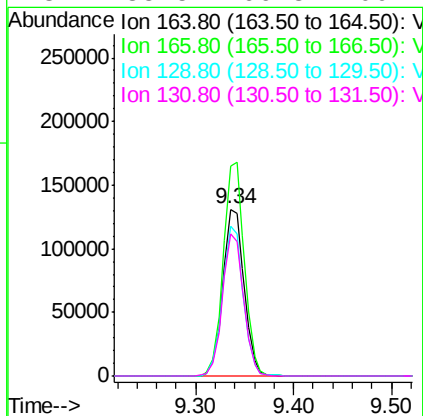
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#64
Tetrachloroethene
Concen: 49.20 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.9	154.3
129	89.8	68.6	102.8
131	85.5	66.8	100.2





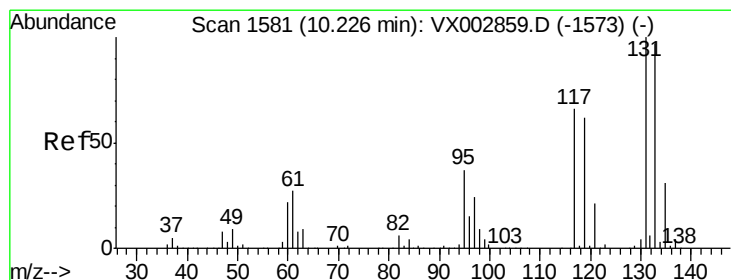
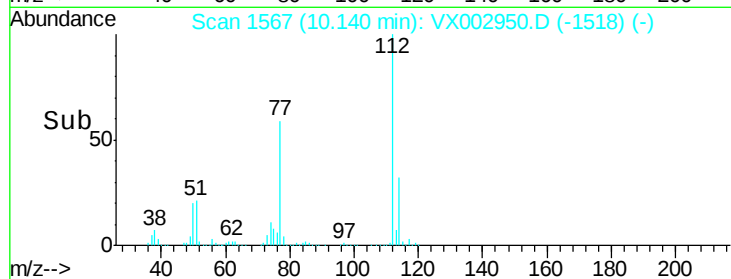
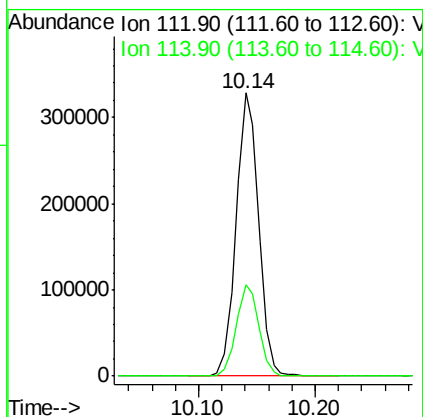
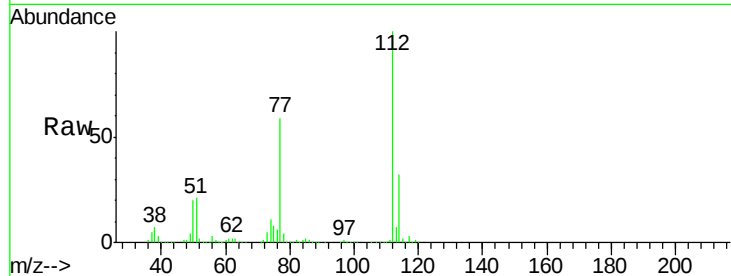
#65
Chlorobenzene
Concen: 48.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 442517
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

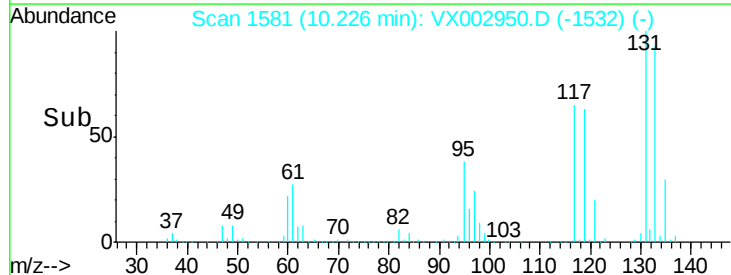
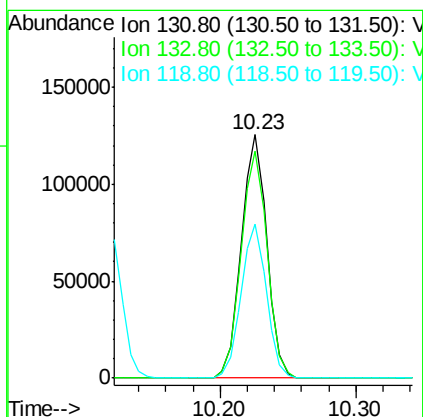
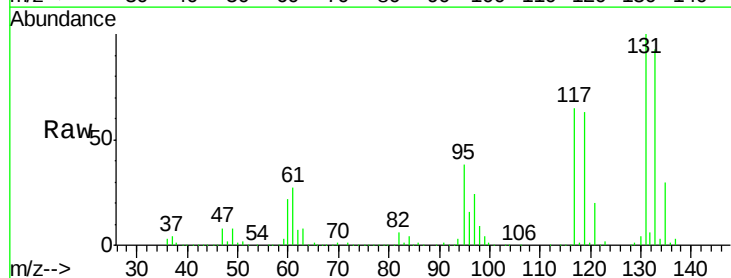
Manual Integrations
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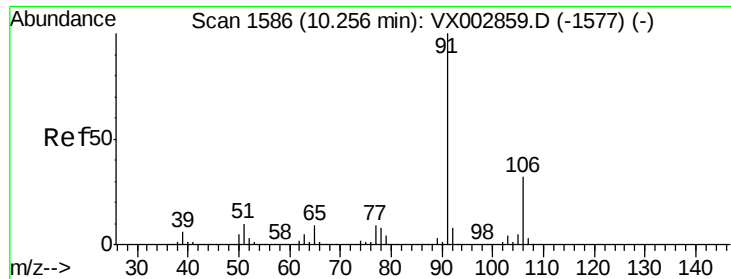
MMDadoda
6/28/2018 4:47:56 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion:131 Resp: 164049
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 62.9 31.8 95.3





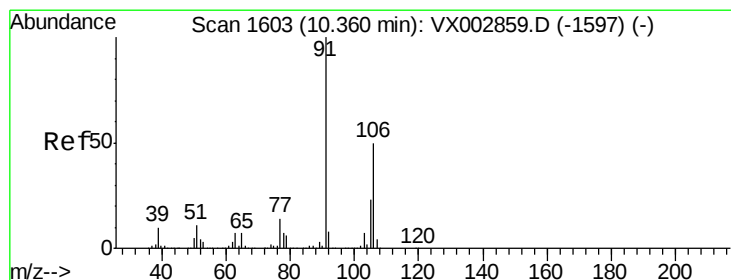
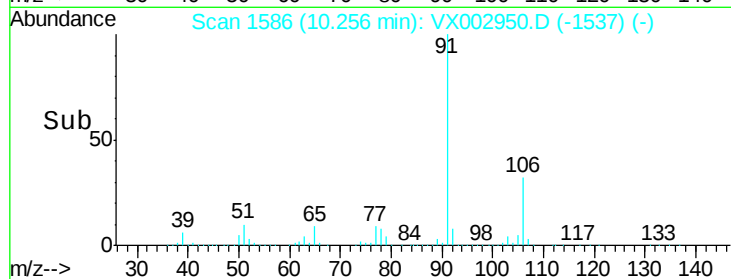
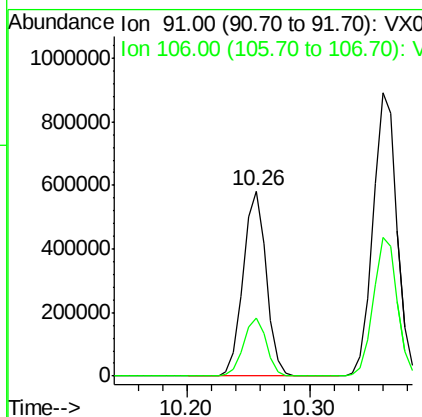
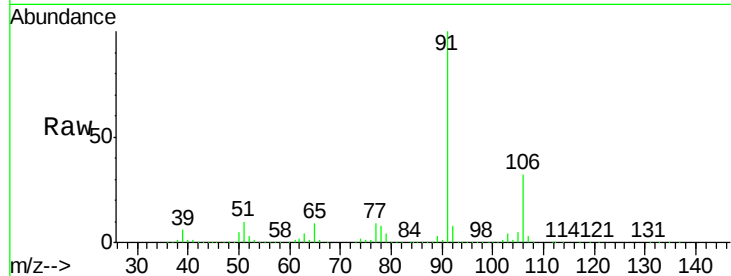
#67
Ethyl Benzene
Concen: 50.56 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 764322
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

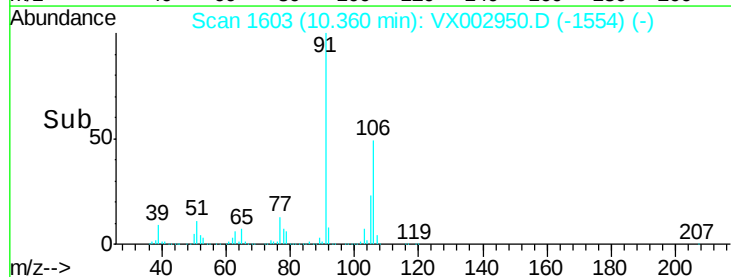
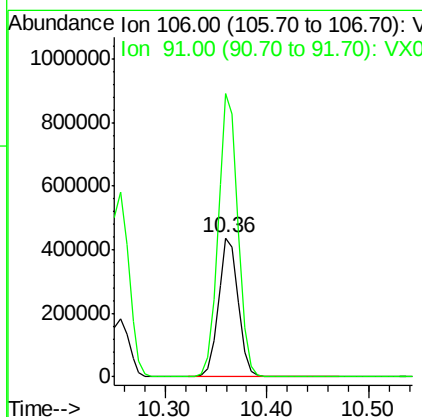
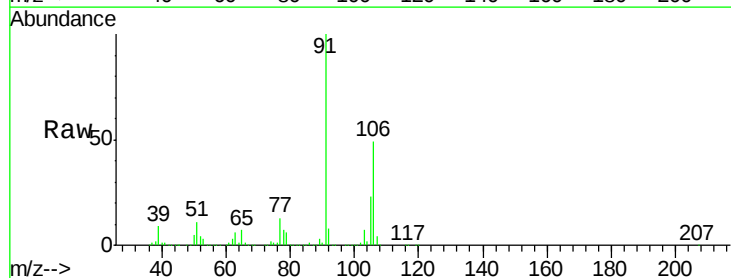
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#68
m/p-Xylenes
Concen: 101.74 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 106 Resp: 592749
Ion Ratio Lower Upper
106 100
91 203.6 163.4 245.2





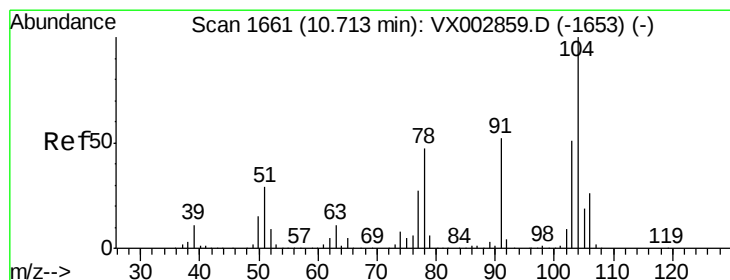
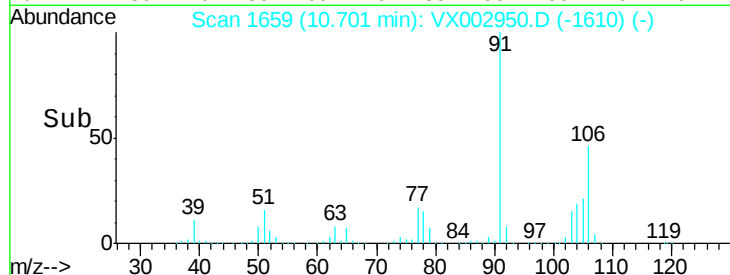
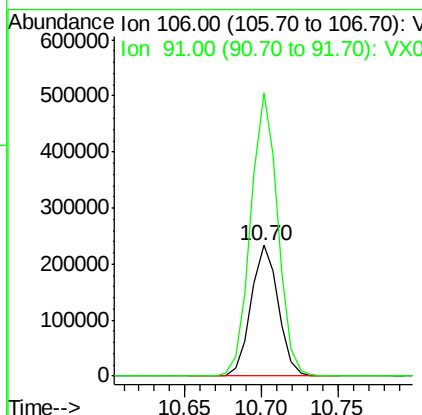
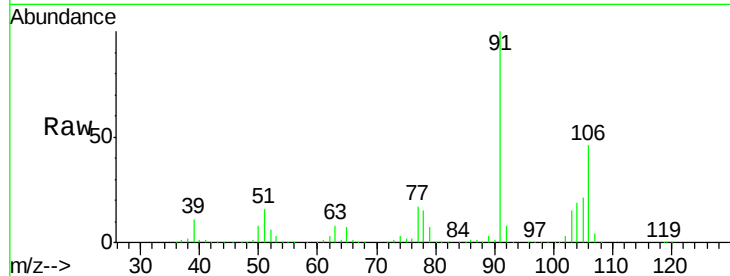
#69
o-Xylene
Concen: 51.09 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 289795
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6

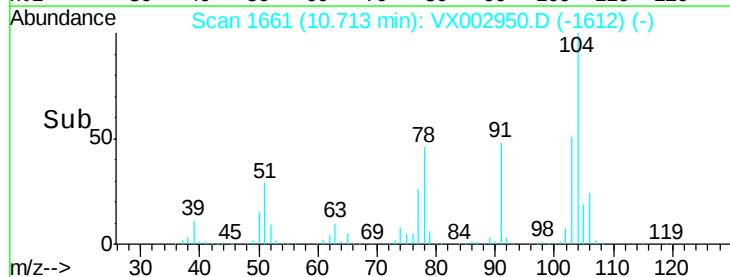
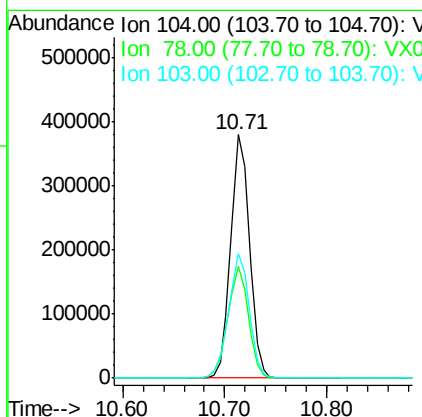
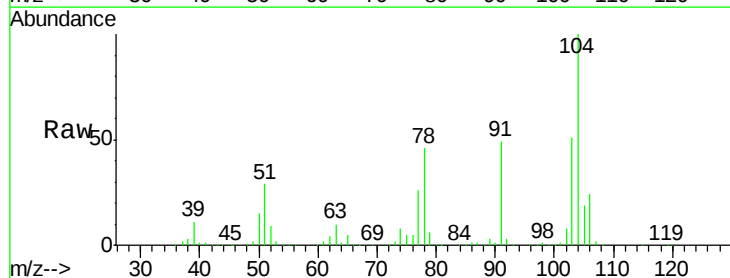
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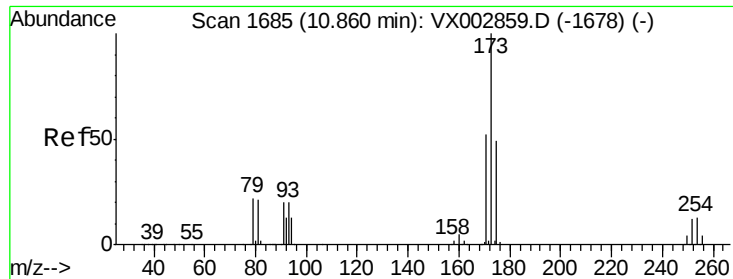
MMDadoda
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#70
Styrene
Concen: 52.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion:104 Resp: 483990
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 55.4 44.2 66.4





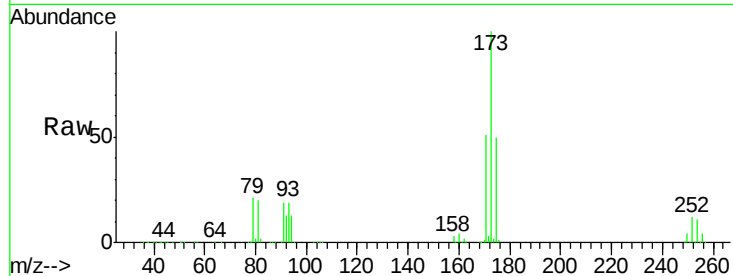
#71
Bromoform
Concen: 44.13 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

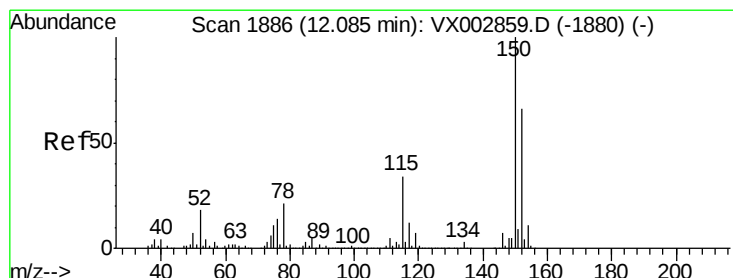
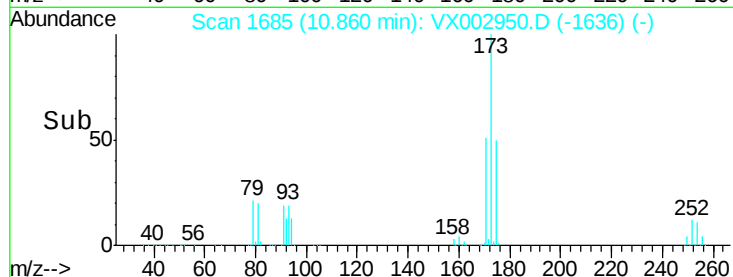
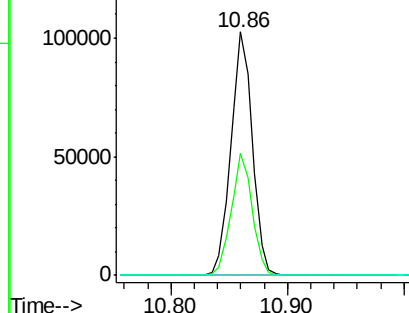
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

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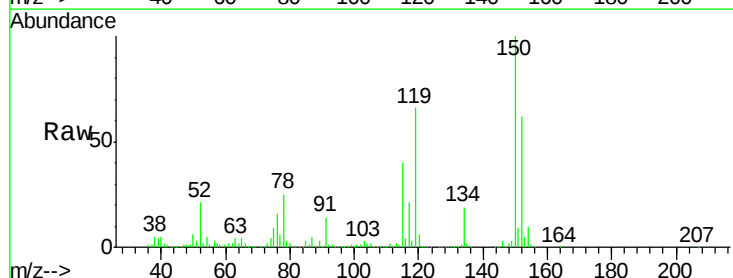


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

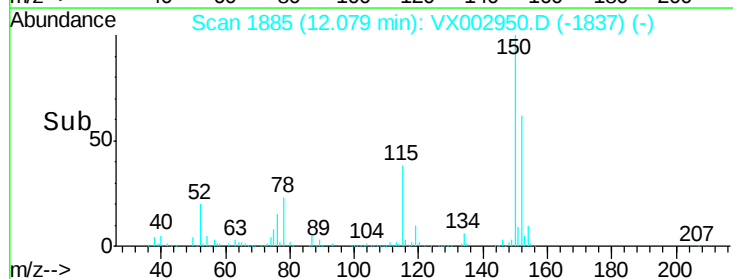
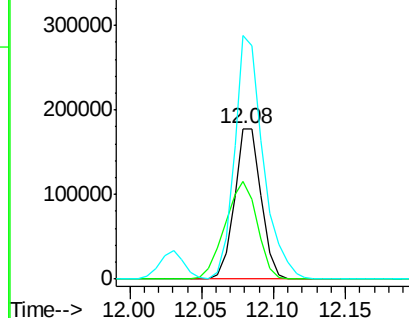


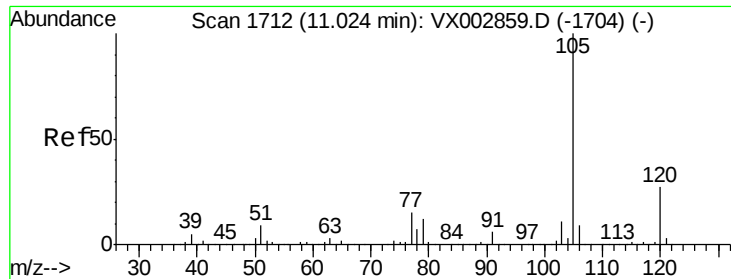
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.1	40.1	120.2
150	173.7	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: 51.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 787433

Ion Ratio Lower Upper

105 100

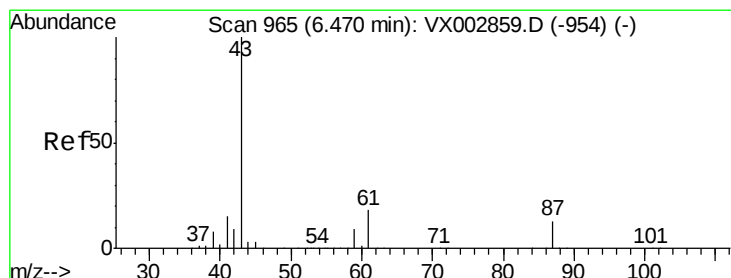
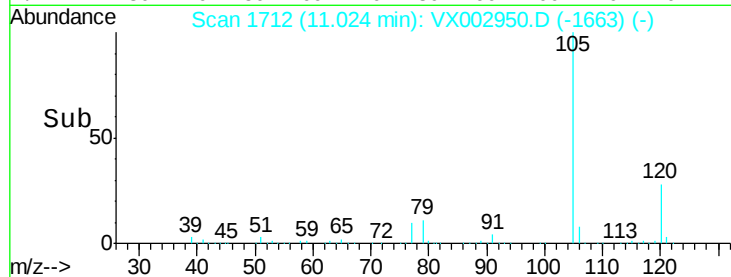
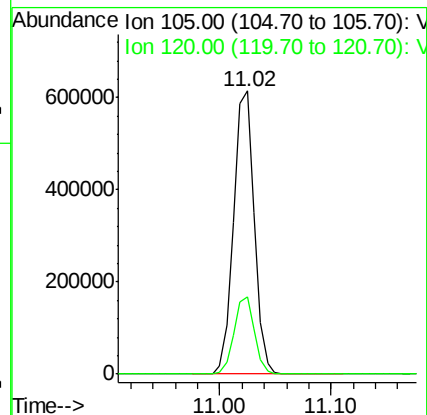
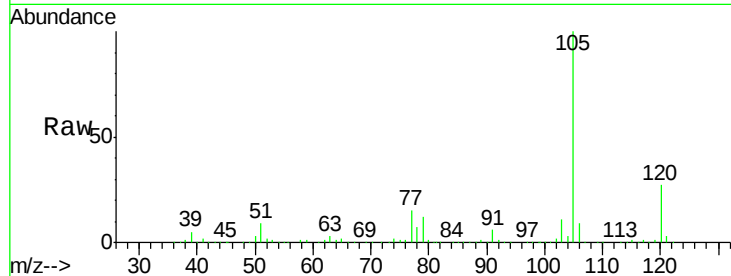
120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 47.78 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion: 43 Resp: 360940

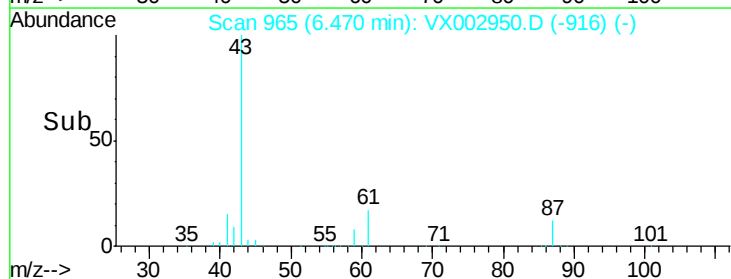
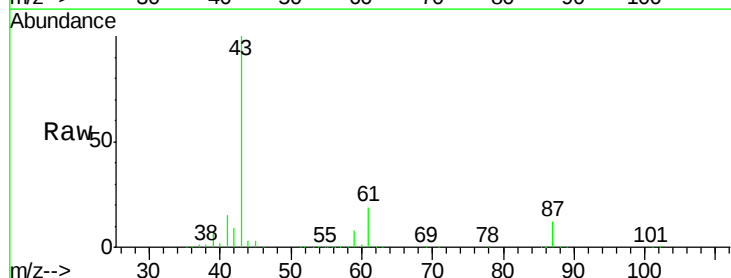
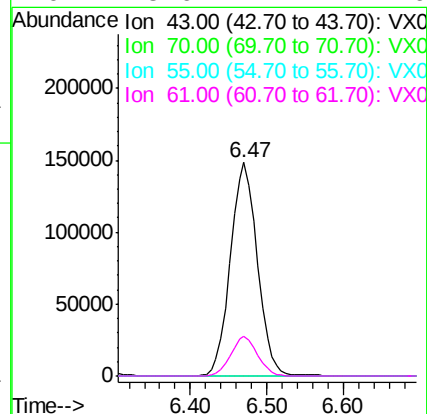
Ion Ratio Lower Upper

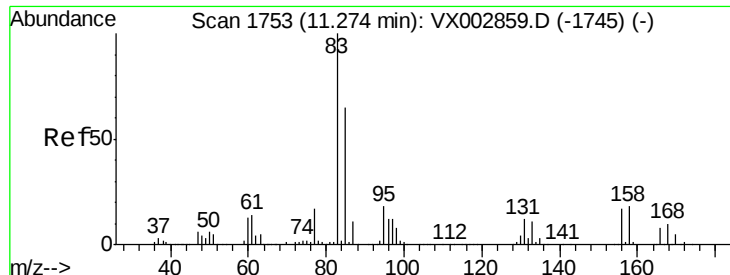
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.54 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 230838

Ion Ratio Lower Upper

83 100

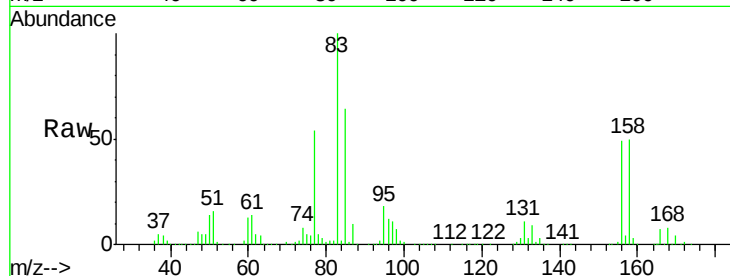
131 11.3 5.6 16.8

85 64.8 32.4 97.2

Manual Integrations
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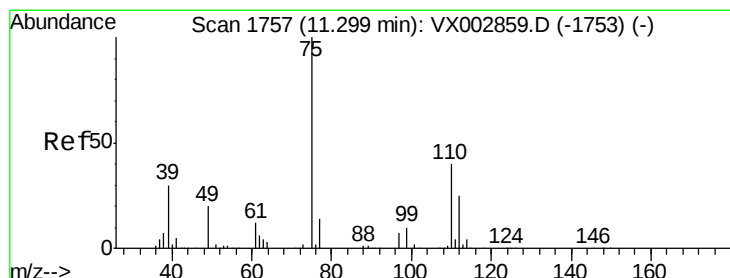
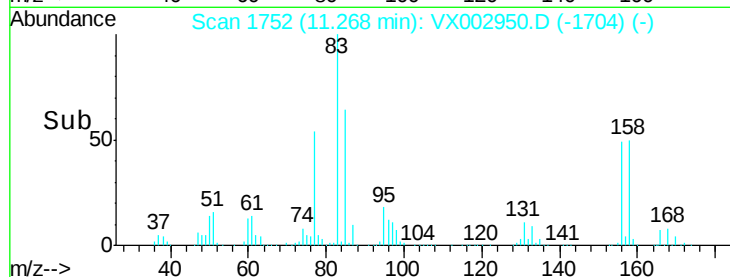
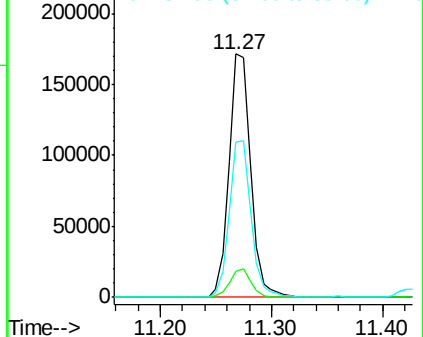
6/28/2018 4:47:56 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.80 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002950.D

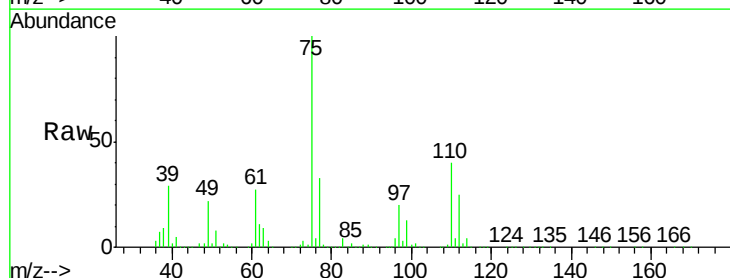
Acq: 27 Jun 2018 21:22

Tgt Ion: 75 Resp: 207009

Ion Ratio Lower Upper

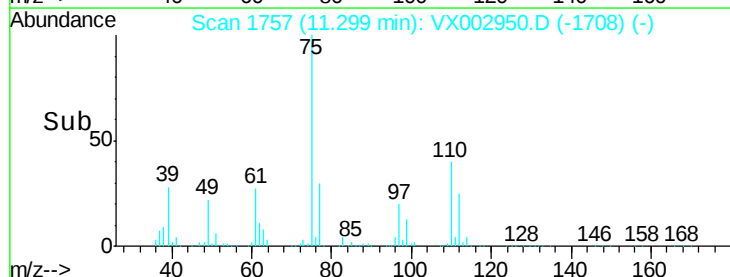
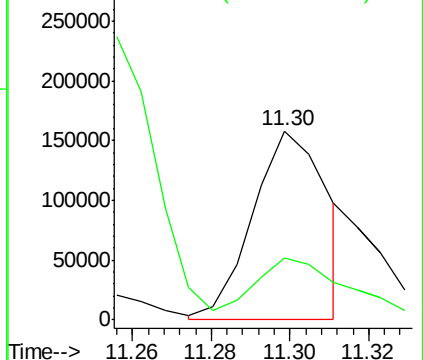
75 100

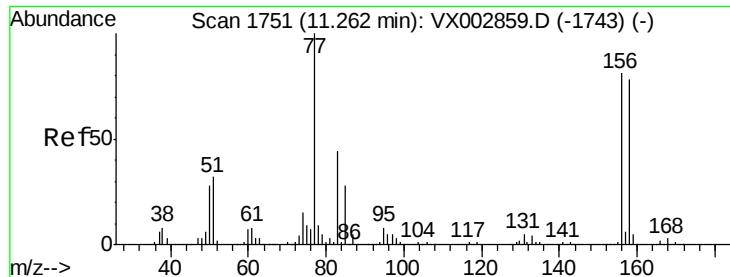
77 41.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.94 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

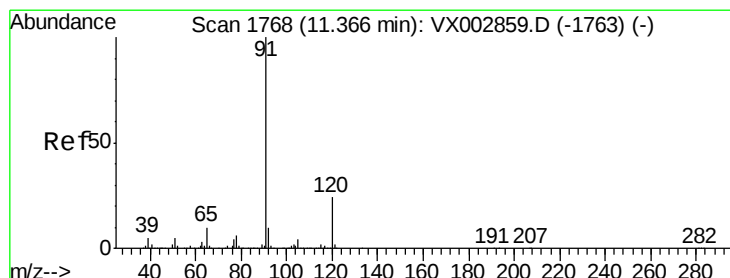
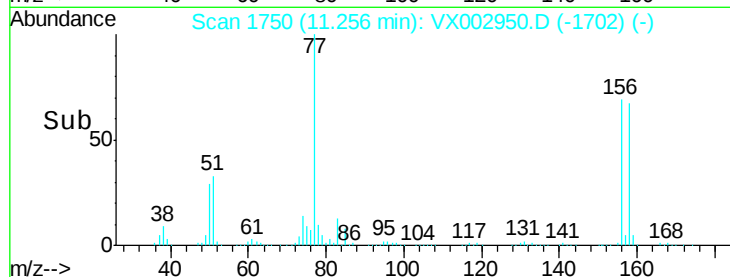
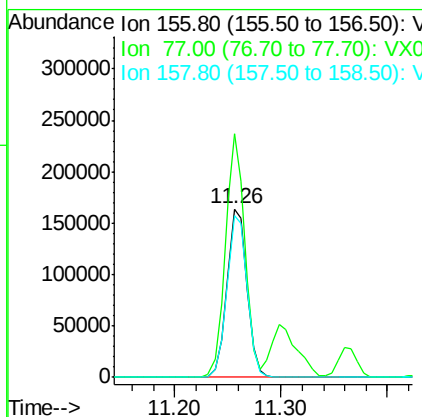
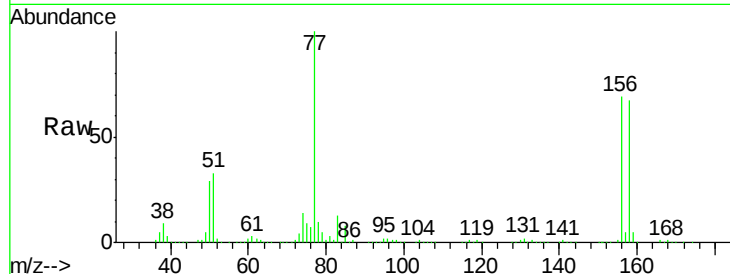
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	215186
Ion Ratio	Lower	Upper	
156	100		
77	139.4	71.4	214.2
158	97.6	48.9	146.6

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#78

n-propylbenzene

Concen: 50.82 ug/l

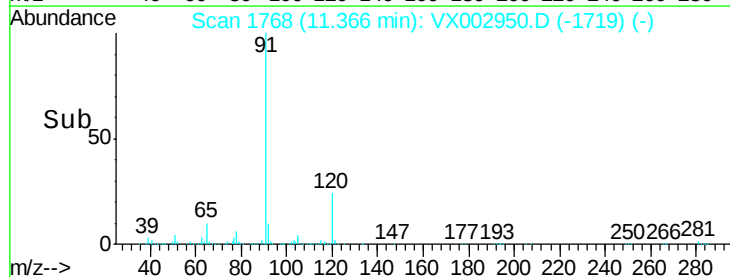
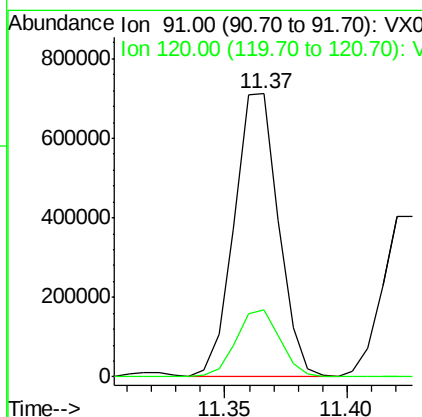
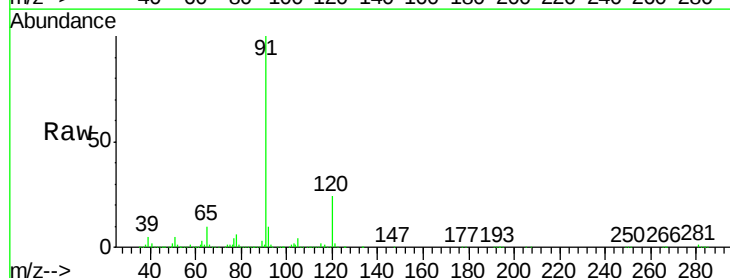
RT: 11.37 min Scan# 1768

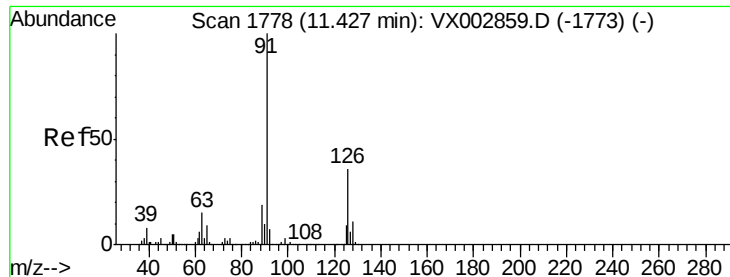
Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	91	Resp:	893123
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4





#79

2-Chlorotoluene

Concen: 49.77 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 529590

Ion Ratio Lower Upper

91 100

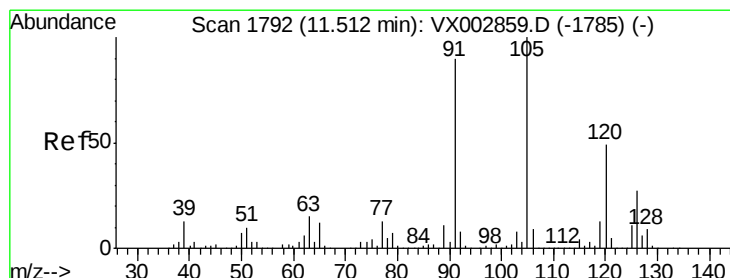
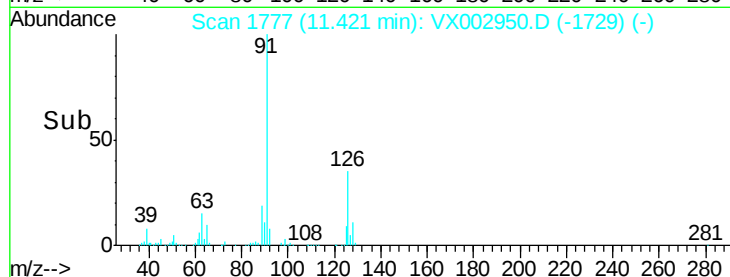
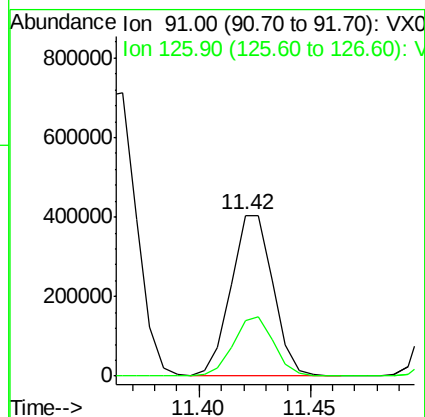
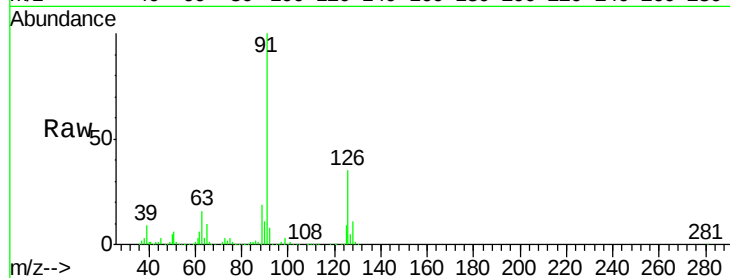
126 35.7 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 50.92 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002950.D

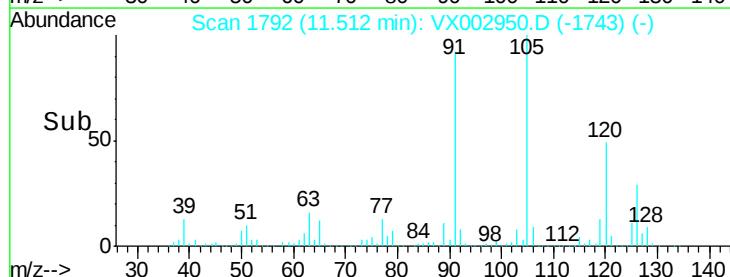
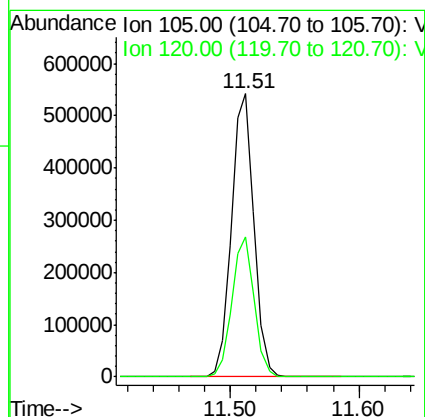
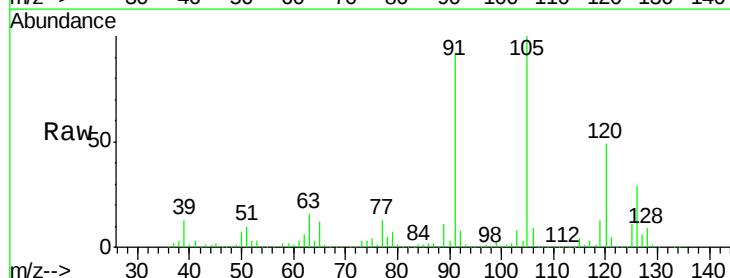
Acq: 27 Jun 2018 21:22

Tgt Ion: 105 Resp: 662122

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





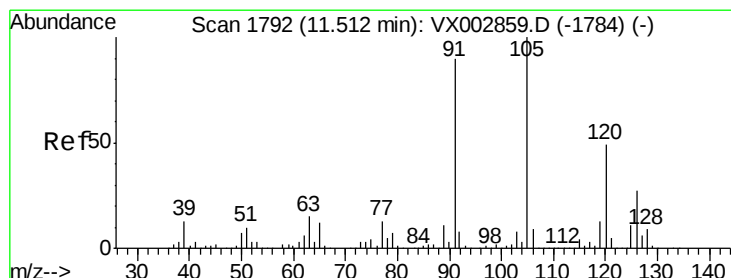
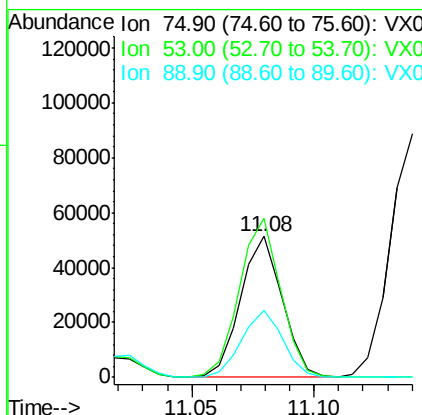
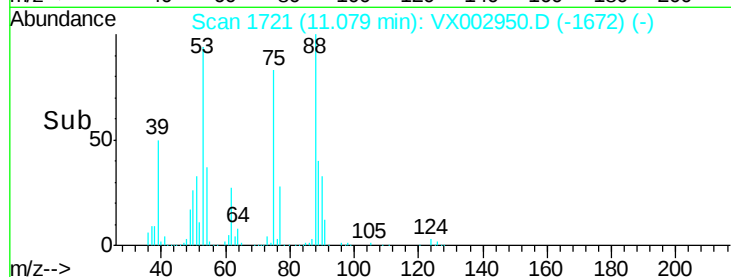
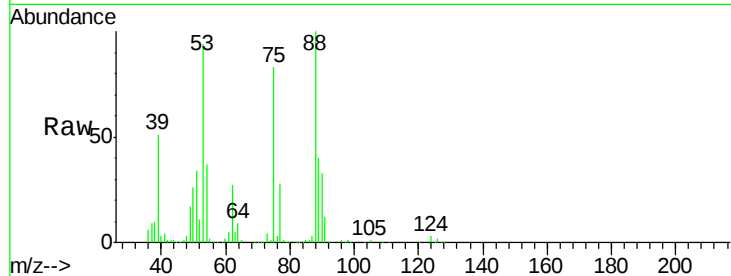
#81
trans-1,4-Dichloro-2-butene
Concen: 42.96 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.2	86.8	130.2
89	47.4	38.2	57.2

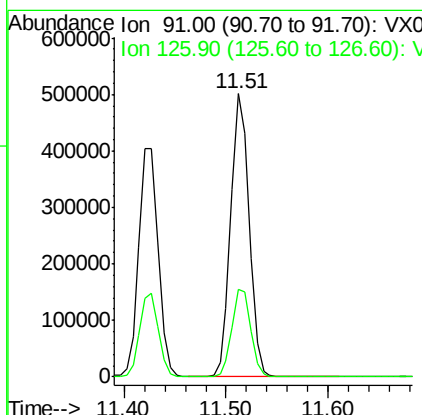
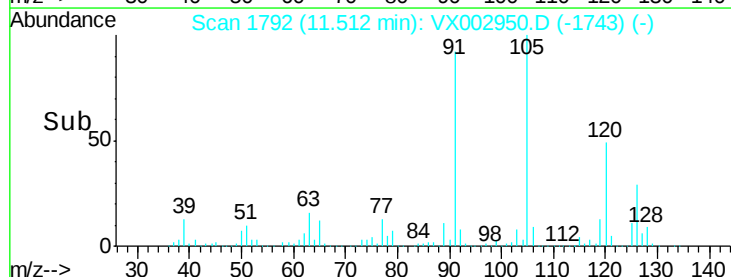
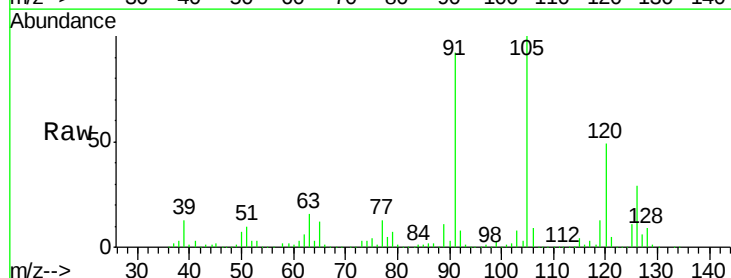
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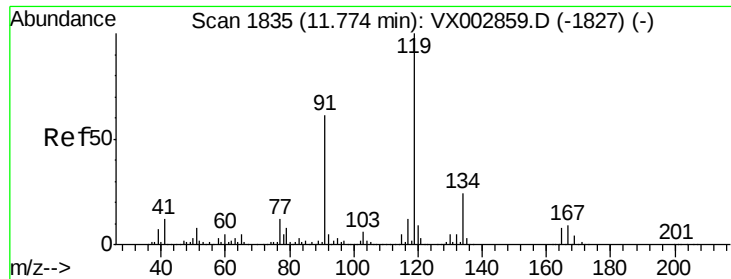
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#82
4-Chlorotoluene
Concen: 49.46 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4





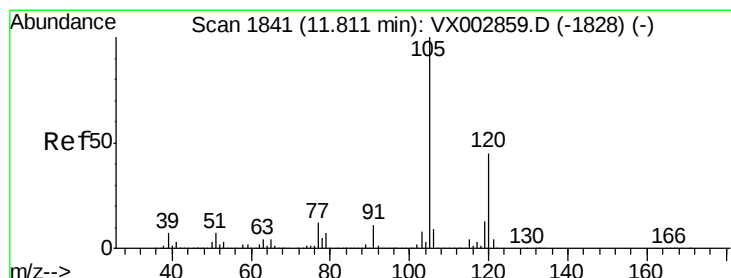
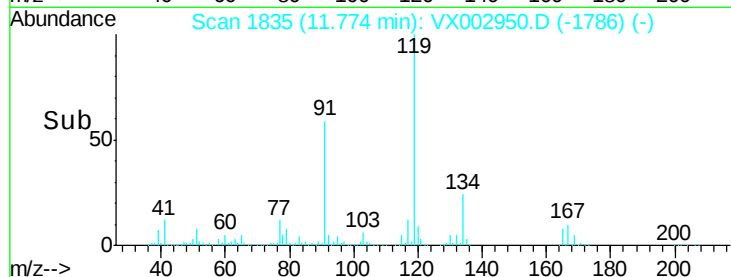
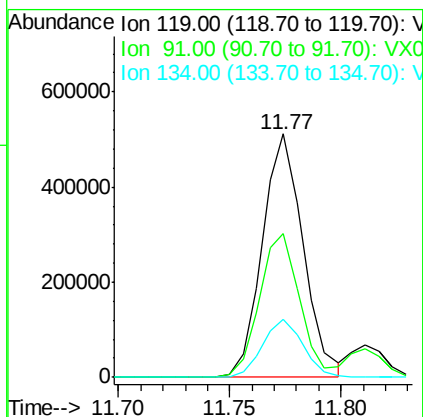
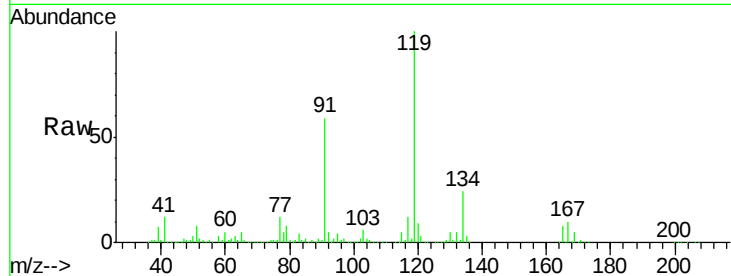
#83
tert-Butylbenzene
Concen: 50.96 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	30.3	90.9
134	23.6	11.7	35.1

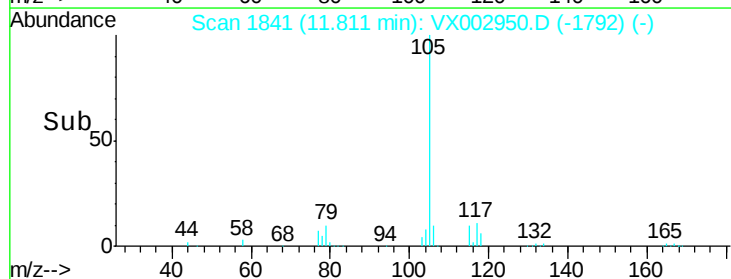
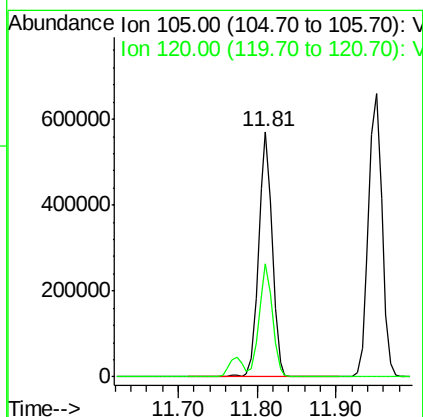
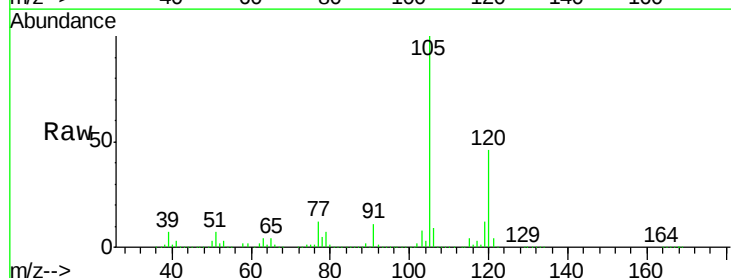
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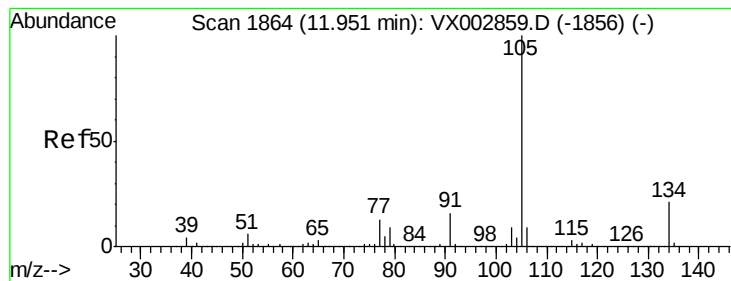
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#84
1,2,4-Trimethylbenzene
Concen: 50.78 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.8





#85

sec-Butylbenzene

Concen: 50.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 790334

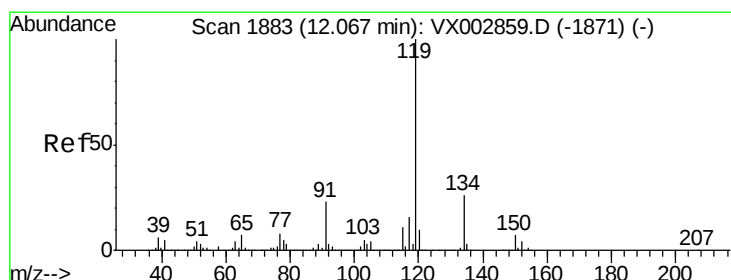
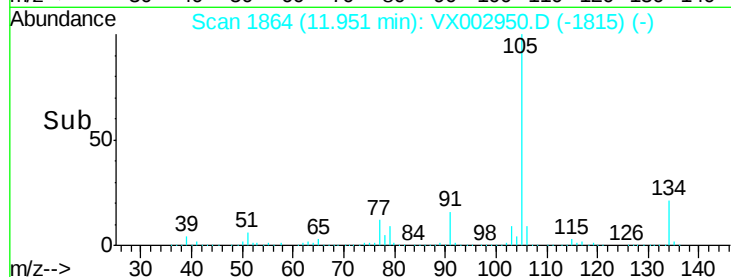
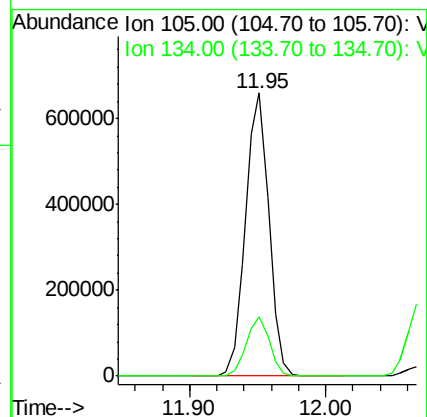
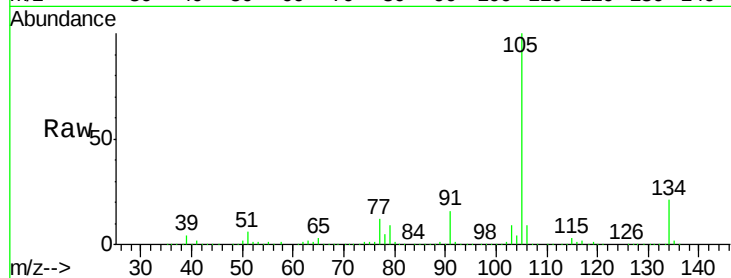
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.02 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

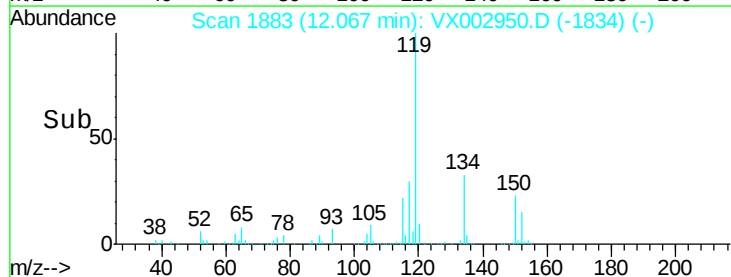
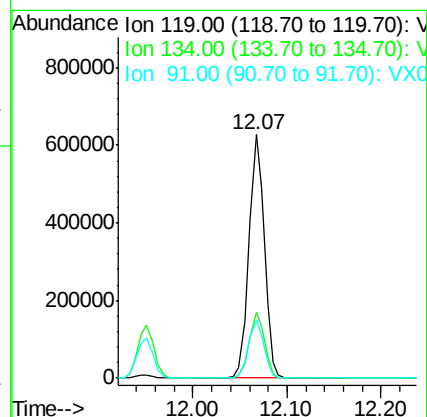
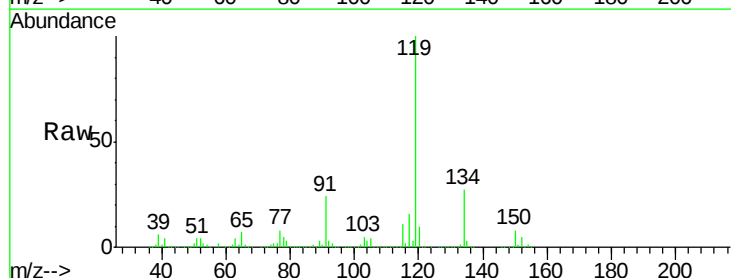
Tgt Ion:119 Resp: 713067

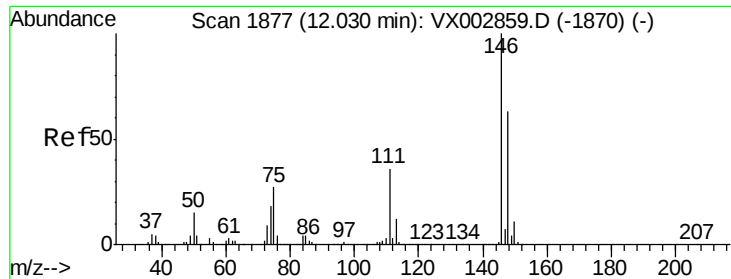
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.7 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.04 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 393830

Ion Ratio Lower Upper

146 100

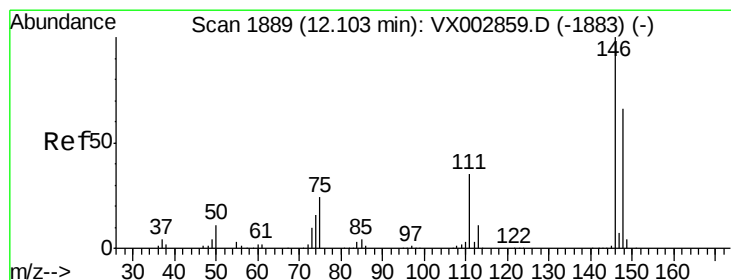
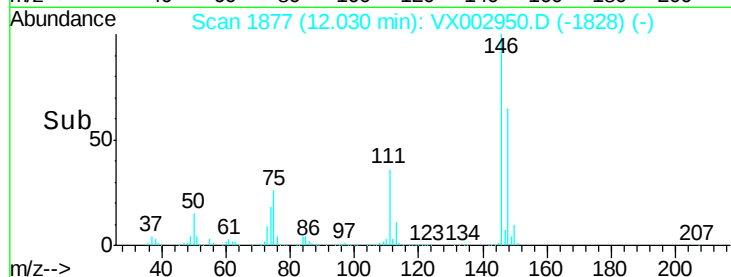
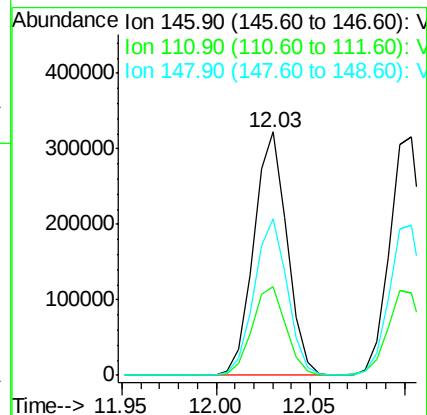
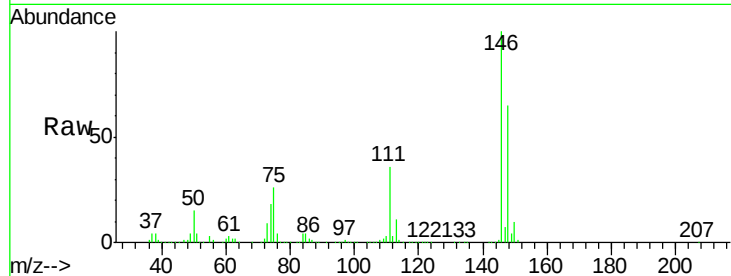
111 37.0 18.9 56.7

148 64.1 32.1 96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.14 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

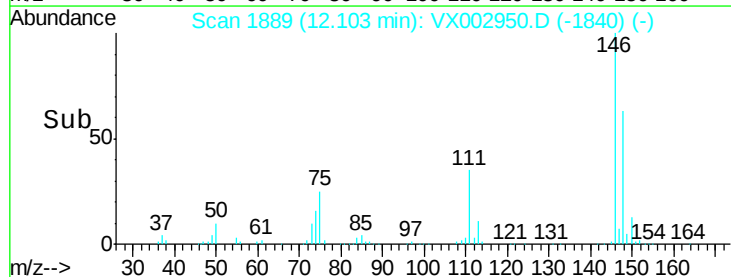
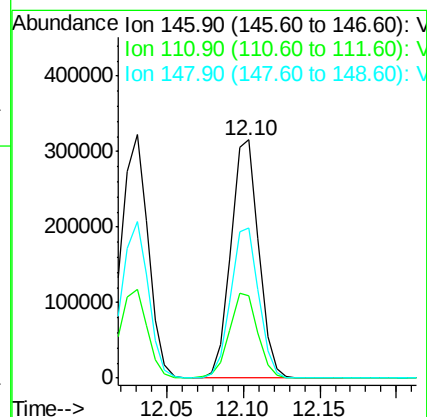
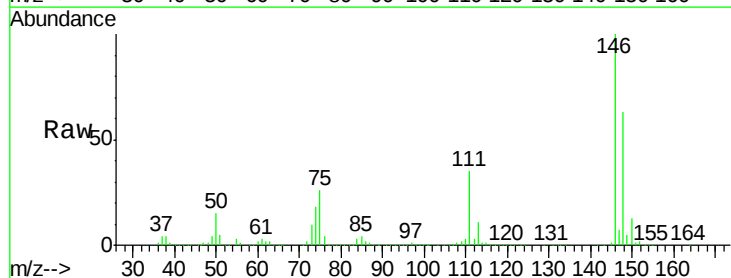
Tgt Ion:146 Resp: 397825

Ion Ratio Lower Upper

146 100

111 36.4 18.7 56.1

148 63.9 32.4 97.0





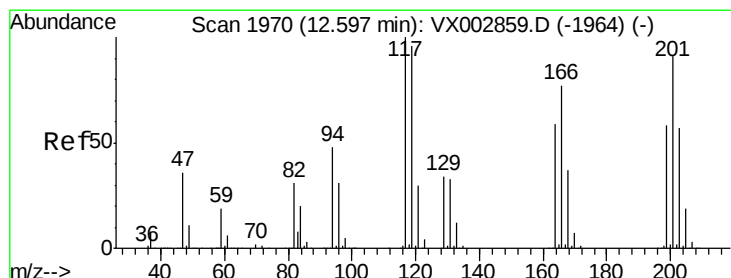
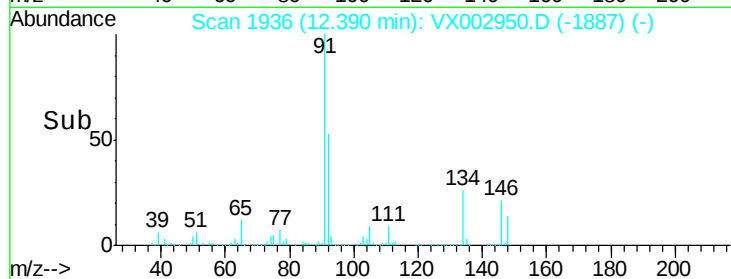
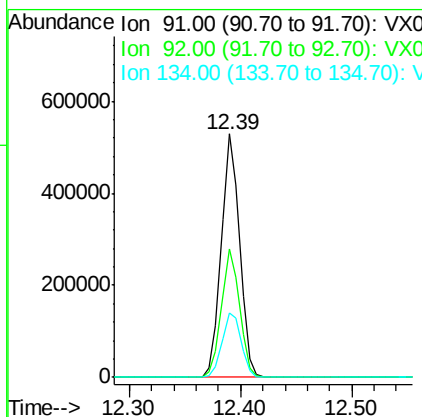
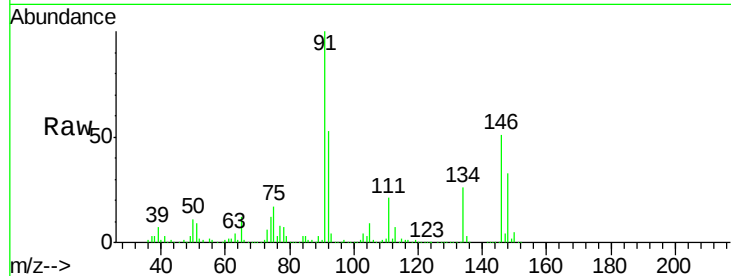
#89
n-Butylbenzene
Concen: 49.68 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.6	13.5	40.5

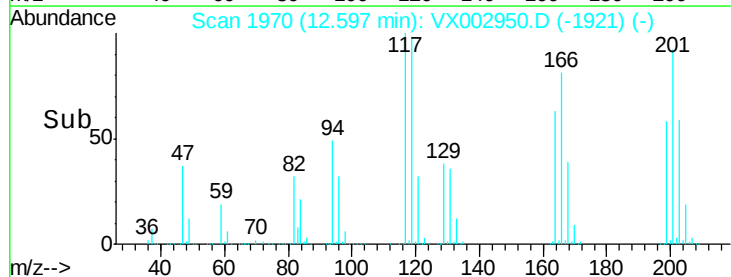
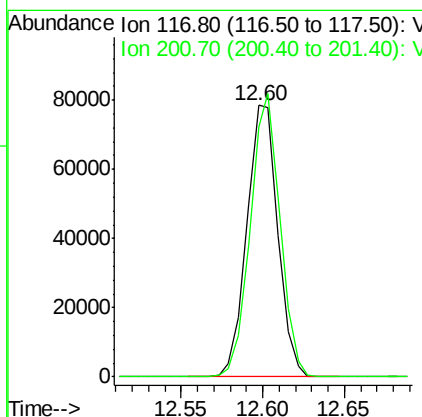
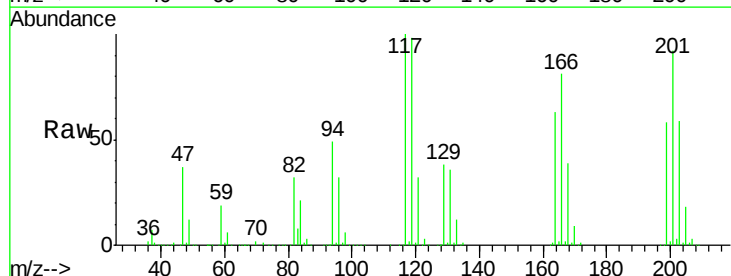
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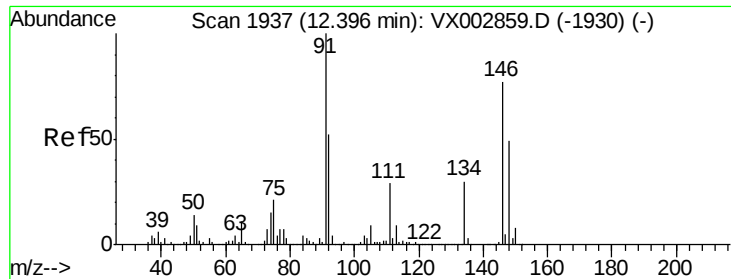
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#90
Hexachloroethane
Concen: 50.17 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.5	49.0	147.0





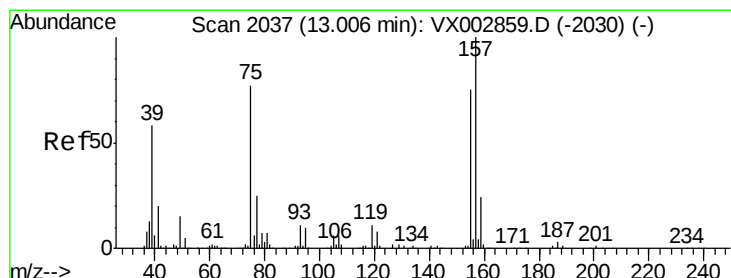
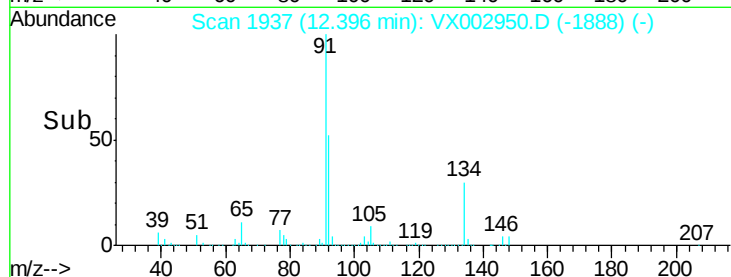
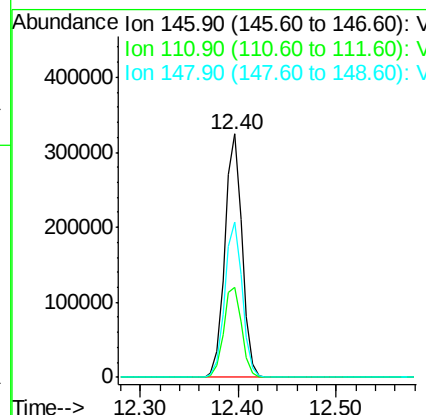
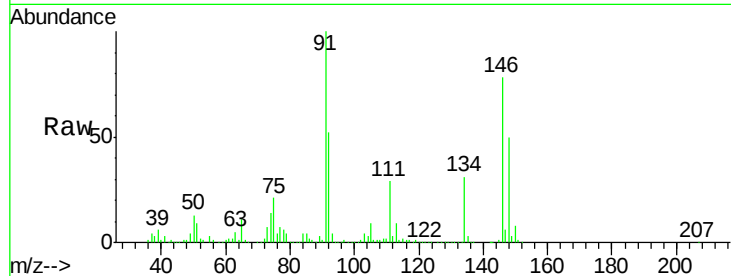
#91
 1,2-Dichlorobenzene
 Concen: 48.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	64.8	31.7	95.1

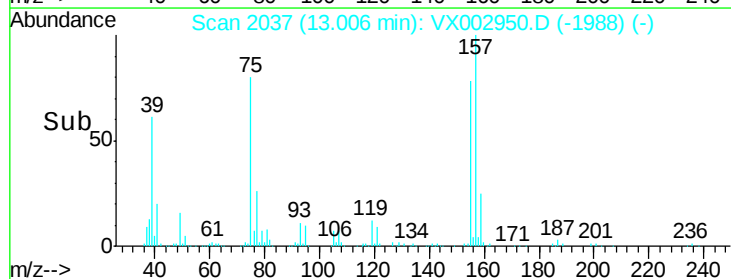
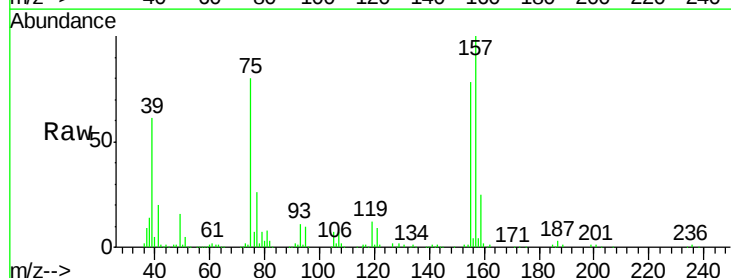
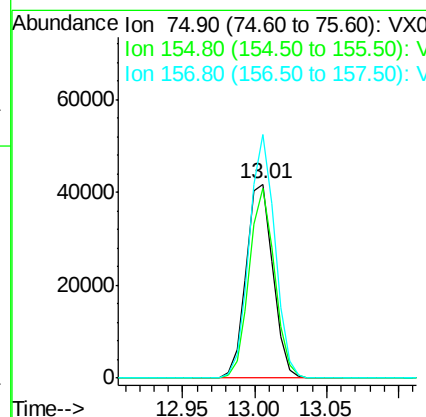
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.44 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	45.8	137.4
157	119.6	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 49.20 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

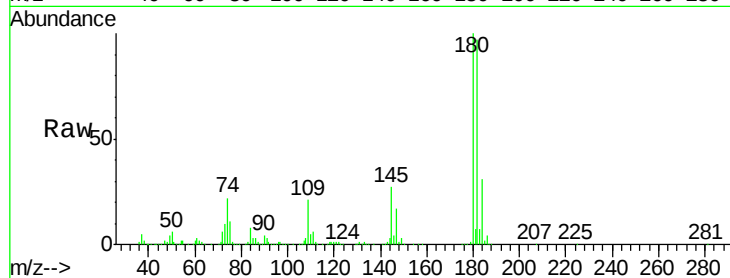
ClientSampleId :

VSTDCCC050EC

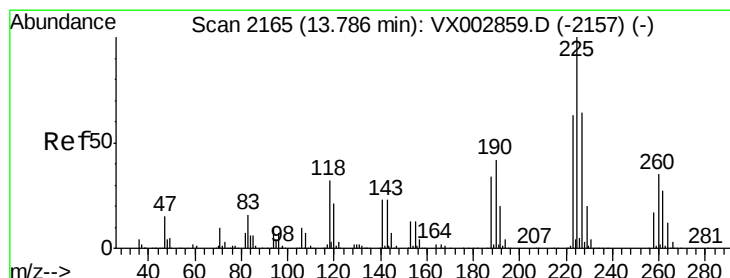
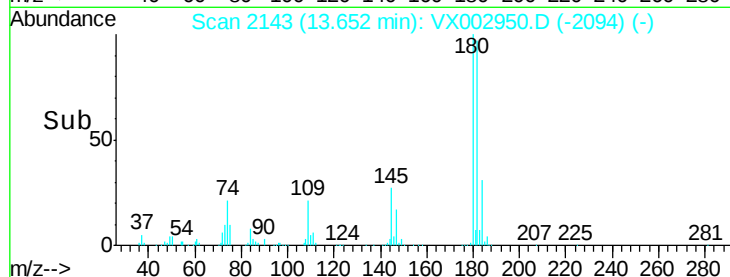
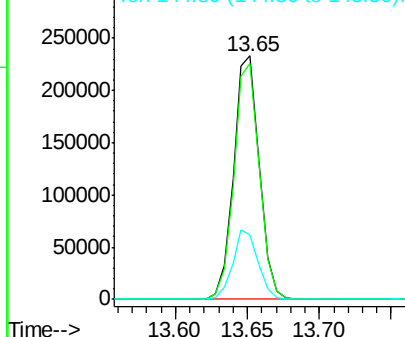
Tot Ion:	180	Resp:	290236
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.7	143.1
145	28.1	14.1	42.4

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.77 ug/l

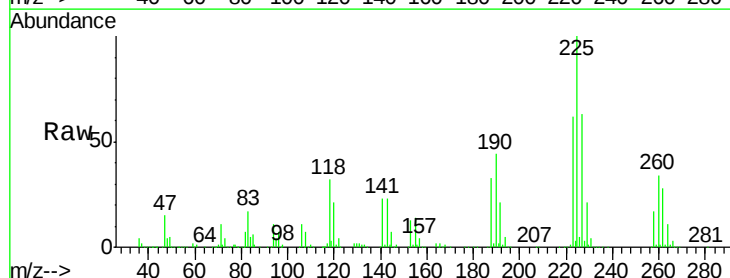
RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

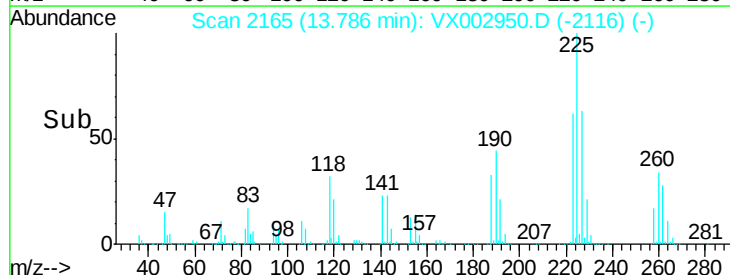
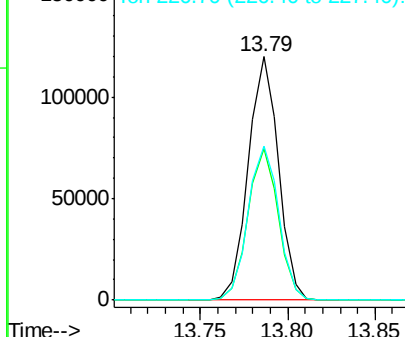
Lab File: VX002950.D

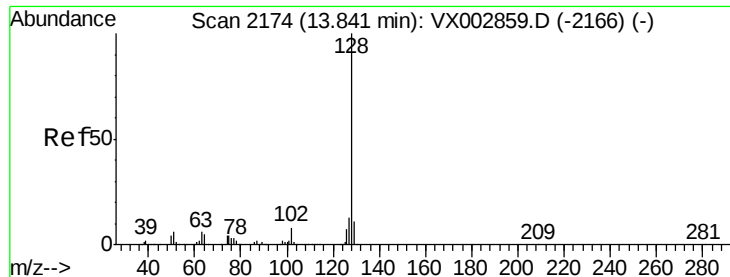
Acq: 27 Jun 2018 21:22

Tgt Ion:	225	Resp:	143475
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.6	95.0
227	64.4	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.79 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

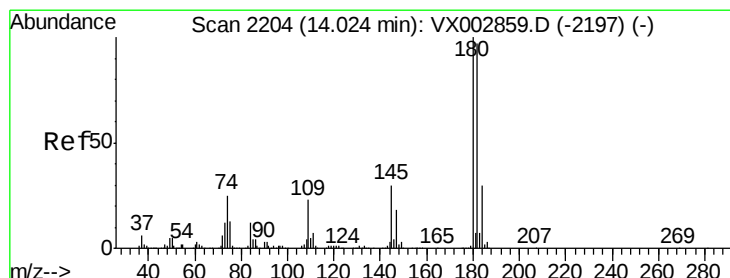
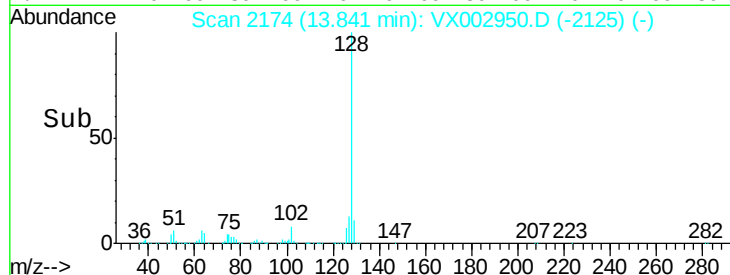
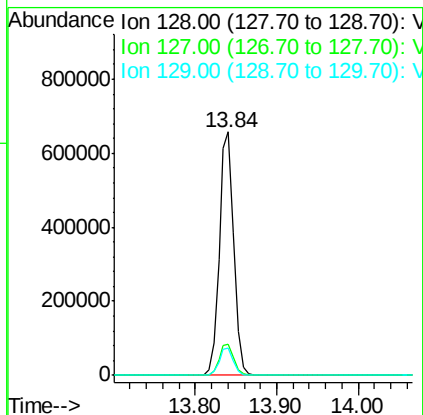
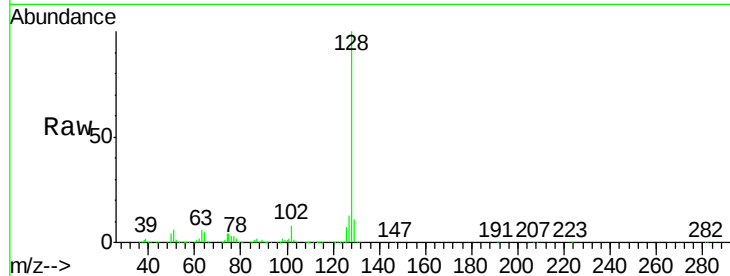
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	813609
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:47:56 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.86 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion:	180	Resp:	293784
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.0
145	29.6	14.8	44.3

