

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003370.D
 Acq On : 13 Jul 2018 18:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:45 AM

Quant Time: Jul 14 02:57:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	333585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	477453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	450485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	173037	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.26%		
35) Dibromofluoromethane	5.51	113	160143	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.14%		
50) Toluene-d8	8.72	98	544662	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.24%		
62) 4-Bromofluorobenzene	11.14	95	219933	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.88%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144023	54.56	ug/l	100
3) Chloromethane	1.32	50	177157	54.86	ug/l	99
4) Vinyl Chloride	1.40	62	205250	47.65	ug/l	100
5) Bromomethane	1.64	94	98586	40.46	ug/l	99
6) Chloroethane	1.71	64	129010	53.37	ug/l	98
7) Trichlorofluoromethane	1.92	101	280840	45.26	ug/l	97
8) Diethyl Ether	2.19	74	119157	43.36	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	173192	43.42	ug/l	96
10) Methyl Iodide	2.51	142	191561	47.29	ug/l	94
11) Tert butyl alcohol	3.08	59	212735	219.92	ug/l	100
12) 1,1-Dichloroethene	2.37	96	164107	44.31	ug/l	90
13) Acrolein	2.29	56	118356	371.25	ug/l	99
14) Allyl chloride	2.73	41	317105	44.64	ug/l	88
15) Acrylonitrile	3.15	53	516413	213.83	ug/l	97
16) Acetone	2.45	43	402131	214.75	ug/l	90
17) Carbon Disulfide	2.57	76	460432	50.63	ug/l	97
18) Methyl Acetate	2.78	43	245597	42.24	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	563980	42.59	ug/l	99
20) Methylene Chloride	2.85	84	187788	47.03	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	176922	44.77	ug/l	96
22) Diisopropyl ether	3.87	45	558308	42.22	ug/l	97
23) Vinyl Acetate	3.83	43	2350775	217.56	ug/l	96
24) 1,1-Dichloroethane	3.70	63	336740	44.92	ug/l	99
25) 2-Butanone	4.71	43	638860	220.11	ug/l	92
26) 2,2-Dichloropropane	4.59	77	239045	45.05	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	196060	45.13	ug/l	94
28) Bromochloromethane	5.03	49	158660	46.45	ug/l	91
29) Tetrahydrofuran	5.17	42	414004	223.29	ug/l	91
30) Chloroform	5.22	83	314822	43.81	ug/l	99
31) Cyclohexane	5.57	56	284169	49.53	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	270913	45.25	ug/l	98
36) 1,1-Dichloropropene	5.80	75	239390	47.20	ug/l	99
37) Ethyl Acetate	4.87	43	246058	44.27	ug/l	97
38) Carbon Tetrachloride	5.79	117	240340	46.48	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284789	49.60	ug/l	95
40) Benzene	6.15	78	733479	46.17	ug/l	99
41) Methacrylonitrile	5.07	41	139202	43.72	ug/l	93
42) 1,2-Dichloroethane	6.20	62	242122	43.63	ug/l	96
43) Isopropyl Acetate	6.47	43	391284	44.92	ug/l	94
44) Trichloroethene	7.21	130	205729	45.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	188672	44.77	ug/l	99
46) Dibromomethane	7.67	93	121561	44.87	ug/l	96
47) Bromodichloromethane	7.90	83	230767	45.17	ug/l	99
48) Methyl methacrylate	7.78	41	202024	45.44	ug/l	86
49) 1,4-Dioxane	7.76	88	90511	932.94	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1281147	225.00	ug/l	92
52) Toluene	8.79	92	464727	46.16	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	287063	47.84	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	258312	47.13	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	186561	44.40	ug/l	97
56) Ethyl methacrylate	9.18	69	282078	47.00	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	306970	45.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	726803	249.20	ug/l	98
59) 2-Hexanone	9.50	43	971726	231.38	ug/l	89
60) Dibromochloromethane	9.59	129	190502	46.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	195469	46.14	ug/l	100
64) Tetrachloroethene	9.34	164	225976	46.32	ug/l	99
65) Chlorobenzene	10.14	112	523402	45.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	187632	45.87	ug/l	99
67) Ethyl Benzene	10.26	91	888757	47.21	ug/l	100
68) m/p-Xylenes	10.36	106	695406	95.90	ug/l	97
69) o-Xylene	10.70	106	338685	47.82	ug/l	95
70) Styrene	10.71	104	567182	47.65	ug/l	97
71) Bromoform	10.86	173	148498	47.42	ug/l	99
73) Isopropylbenzene	11.02	105	897508	47.94	ug/l	100
74) N-amyl acetate	6.47	43	391284	45.09	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	271162	44.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	274767m	51.37	ug/l	
77) Bromobenzene	11.26	156	243881	46.10	ug/l	98
78) n-propylbenzene	11.37	91	1016600	48.04	ug/l	99
79) 2-Chlorotoluene	11.43	91	602910	46.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	746040	48.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	79647	49.64	ug/l	91
82) 4-Chlorotoluene	11.51	91	708834	46.55	ug/l	99
83) tert-Butylbenzene	11.77	119	723054	47.07	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	763800	48.53	ug/l	98
85) sec-Butylbenzene	11.95	105	870154	47.39	ug/l	100
86) p-Isopropyltoluene	12.07	119	786951	47.91	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	441841	44.73	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	445414	44.42	ug/l	99
89) n-Butylbenzene	12.39	91	667792	47.51	ug/l	99
90) Hexachloroethane	12.60	117	115318	46.84	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	446162	45.14	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56266	46.43	ug/l	92

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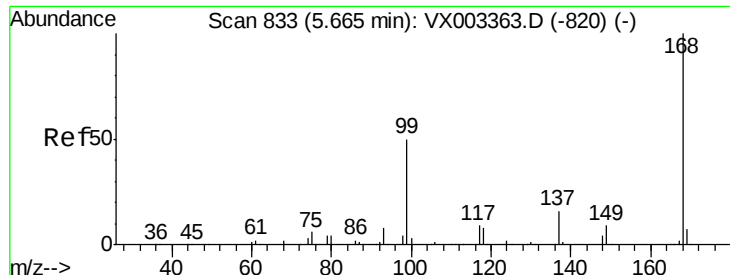
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	315440	46.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	147864	46.34	ug/l	98
95) Naphthalene	13.84	128	915919	48.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315145	46.18	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: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 333585

Ion Ratio Lower Upper

168 100

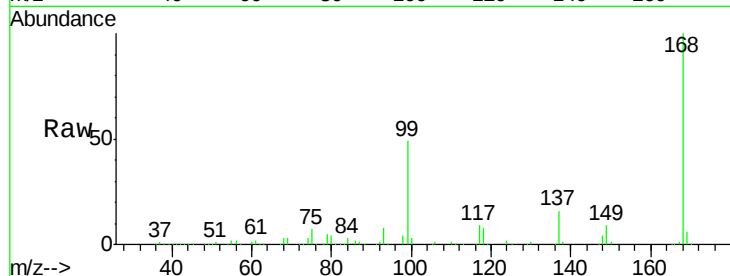
99 48.8 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

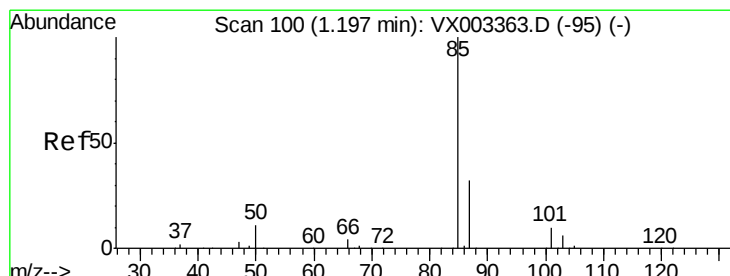
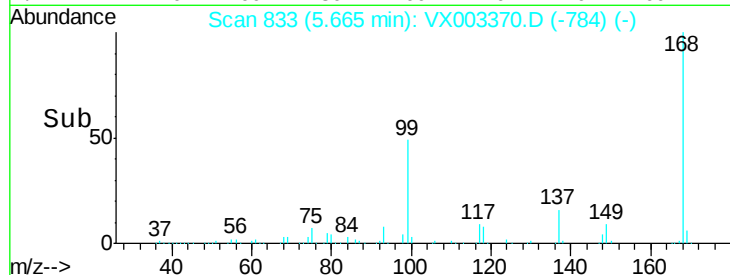
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003370.D

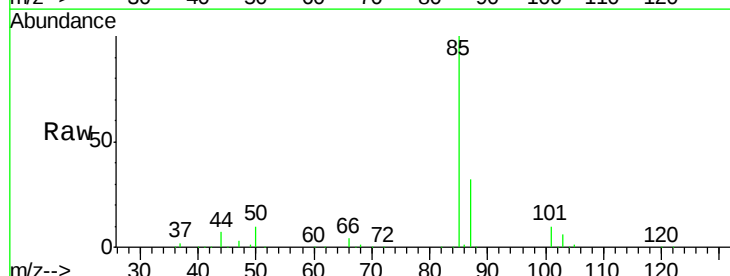
Acq: 13 Jul 2018 18:55

Tgt Ion: 85 Resp: 144023

Ion Ratio Lower Upper

85 100

87 31.7 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

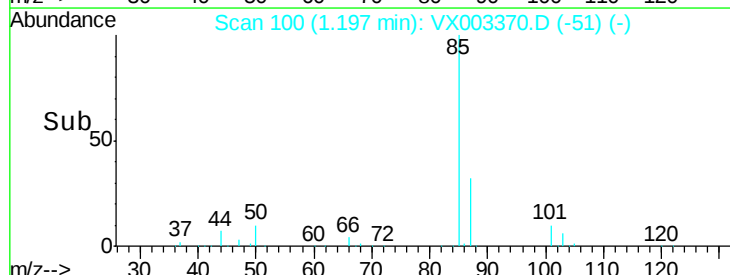
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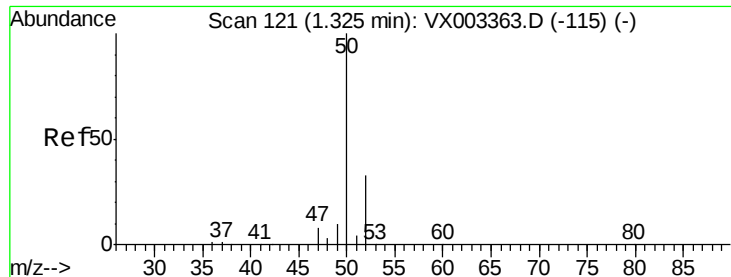
100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 177157

Ion Ratio Lower Upper

50 100

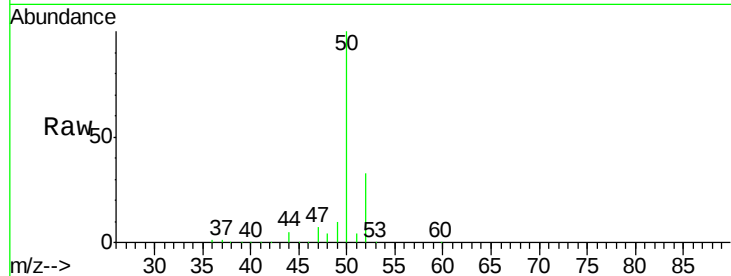
52 32.8 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

200000

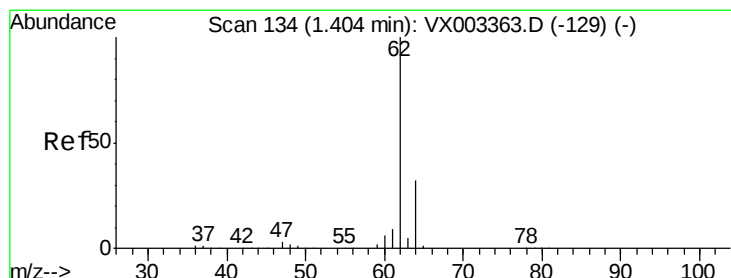
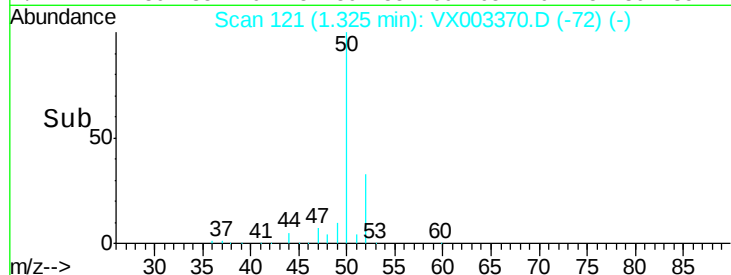
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003370.D

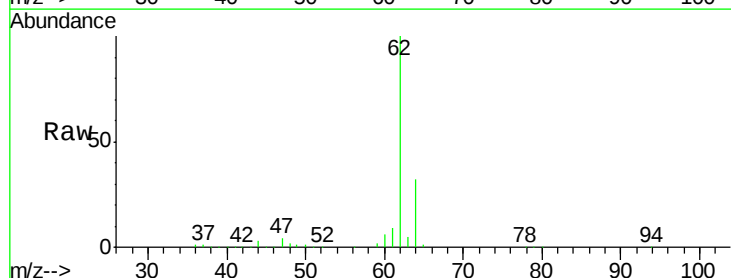
Acq: 13 Jul 2018 18:55

Tgt Ion: 62 Resp: 205250

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

200000

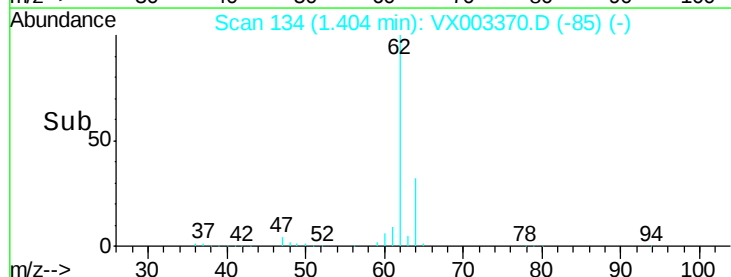
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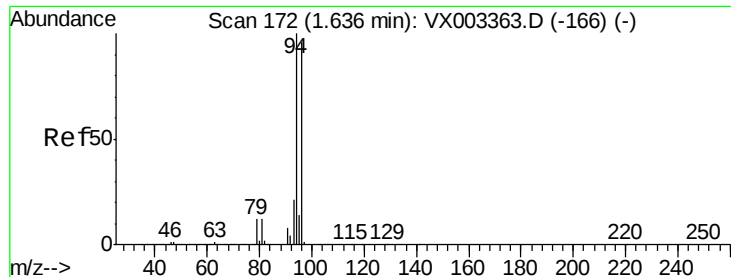
100000

50000

0

Time--> 1.40 1.50





#5

Bromomethane

Concen: 40.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 98586

Ion Ratio Lower Upper

94 100

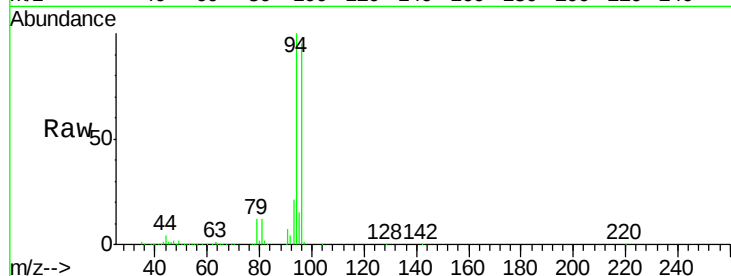
96 94.7 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

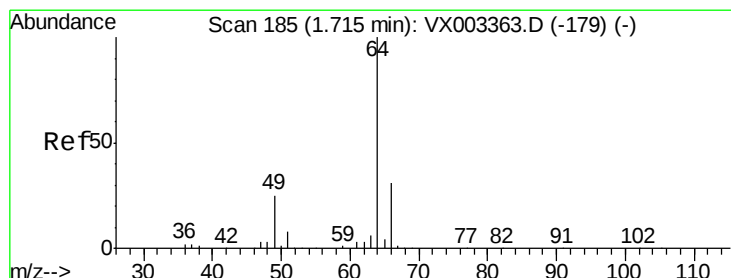
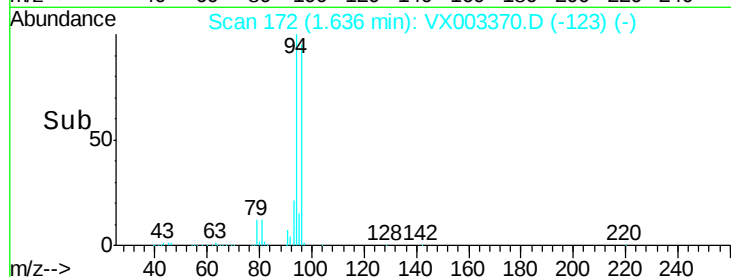
40000

20000

0

1.64

Time-->



#6

Chloroethane

Concen: 53.37 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003370.D

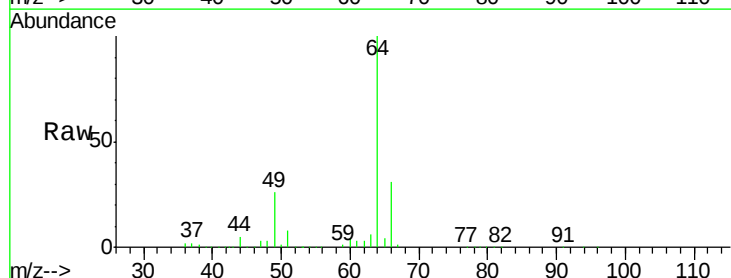
Acq: 13 Jul 2018 18:55

Tgt Ion: 64 Resp: 129010

Ion Ratio Lower Upper

64 100

66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

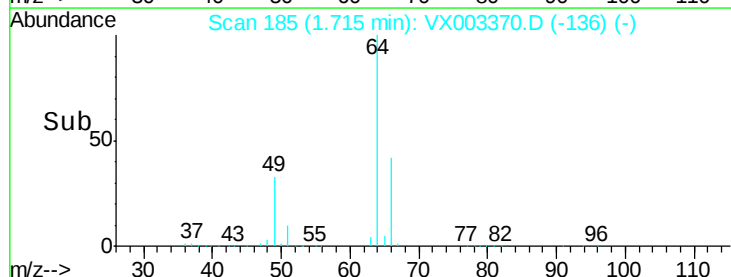
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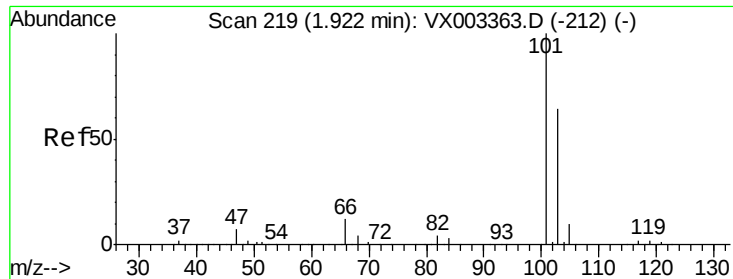
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0

1.71

Time-->





#7

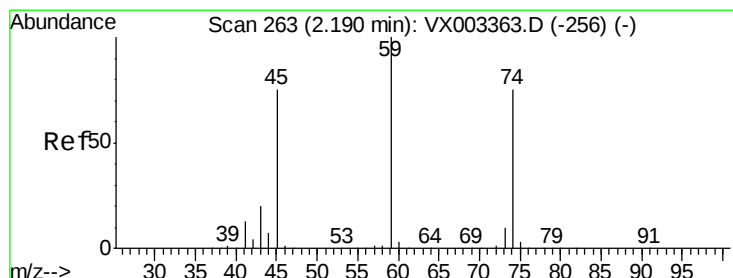
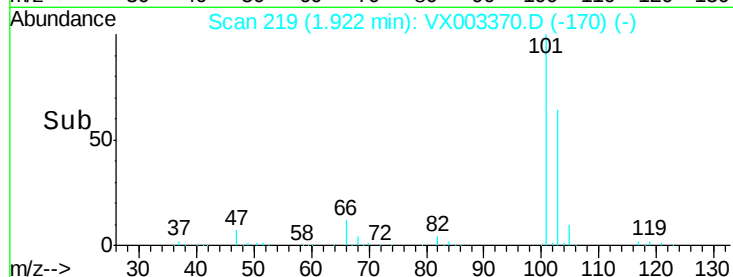
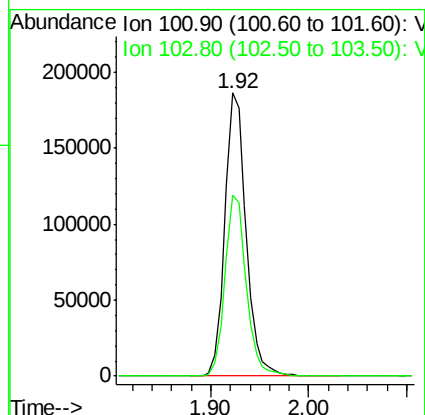
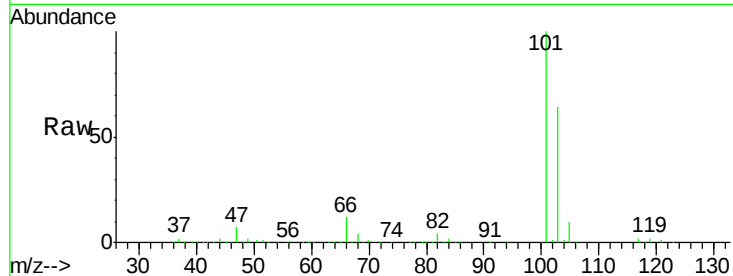
Trichlorofluoromethane
Concen: 45.26 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 280840
Ion Ratio Lower Upper
101 100
103 64.0 52.8 79.2

Manual Integrations
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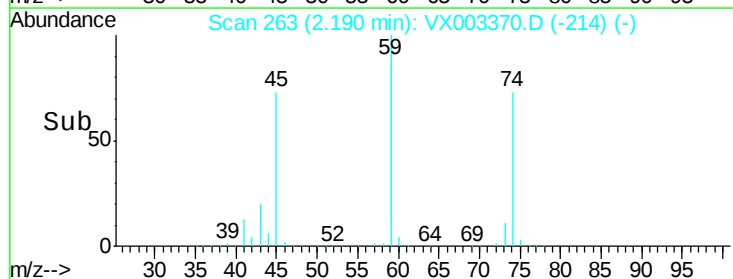
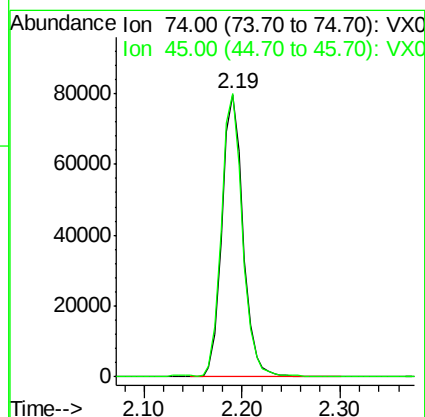
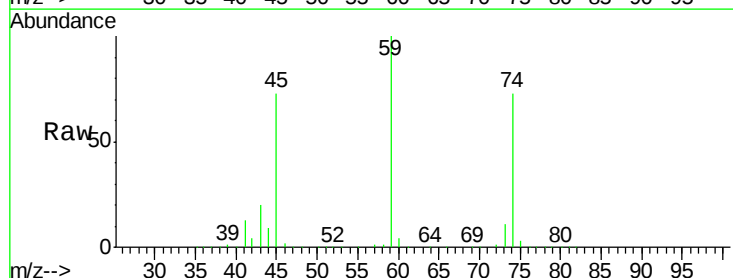
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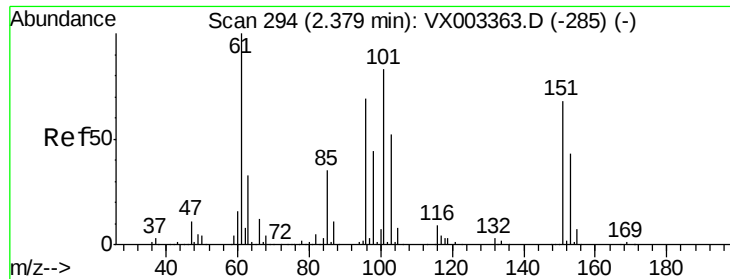


#8

Diethyl Ether
Concen: 43.36 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 74 Resp: 119157
Ion Ratio Lower Upper
74 100
45 99.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.42 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

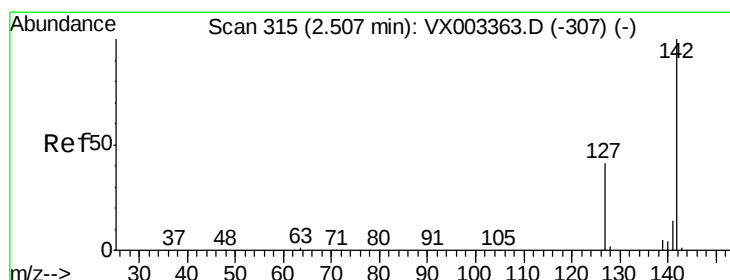
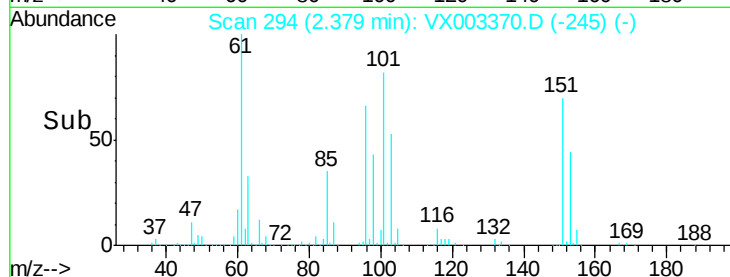
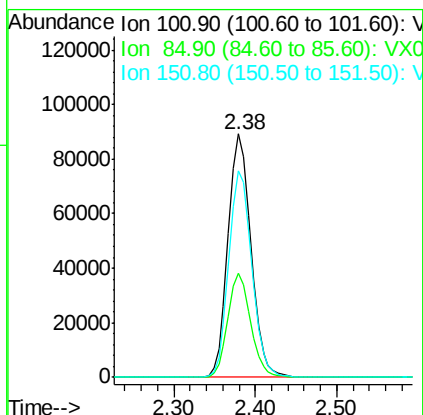
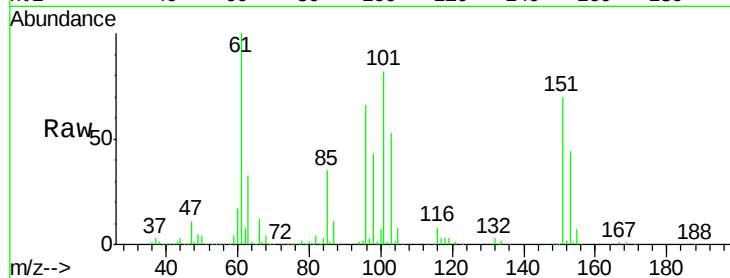
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	173192
Ion Ratio	Lower	Upper	
101	100		
85	42.4	36.0	54.0
151	85.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 47.29 ug/l

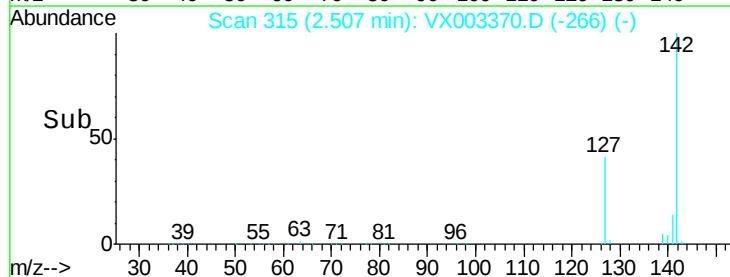
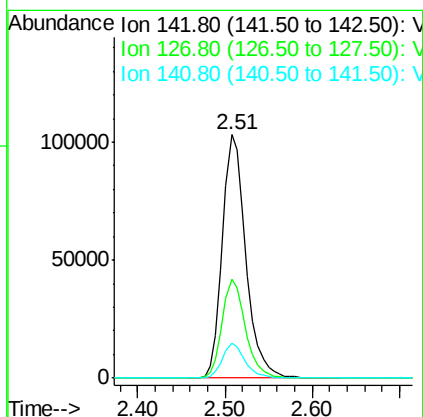
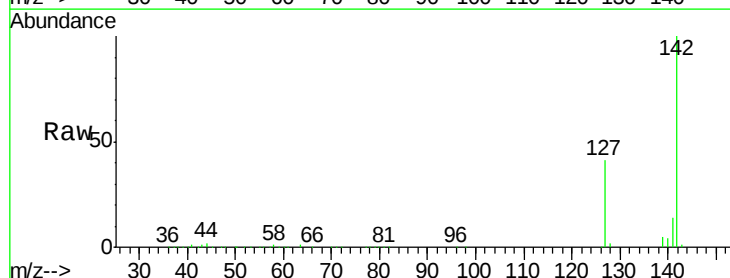
RT: 2.51 min Scan# 315

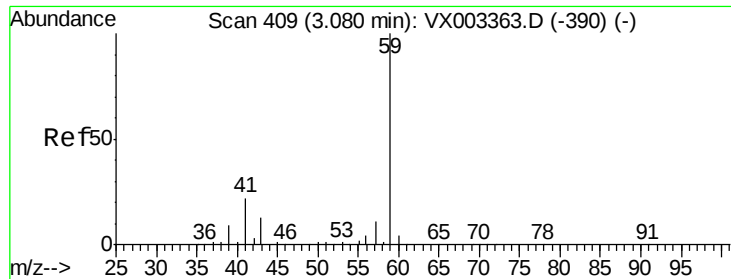
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	142	Resp:	191561
Ion Ratio	Lower	Upper	
142	100		
127	40.6	36.6	55.0
141	13.8	11.3	16.9





#11

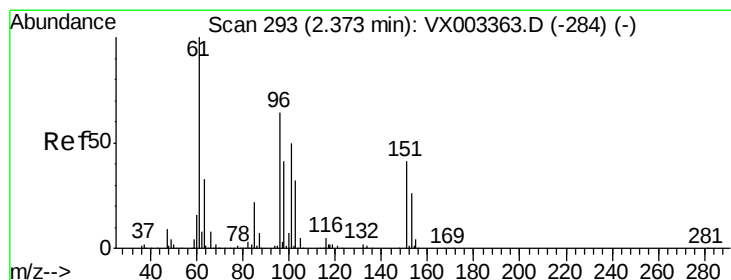
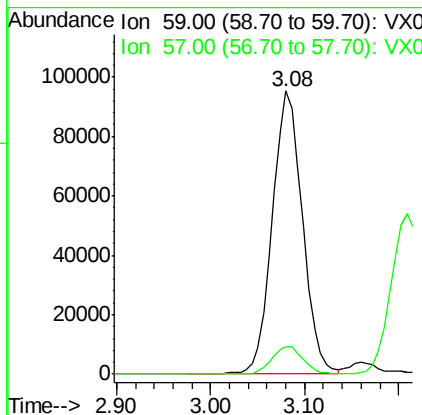
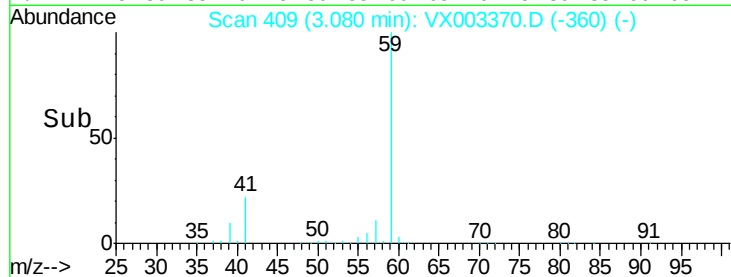
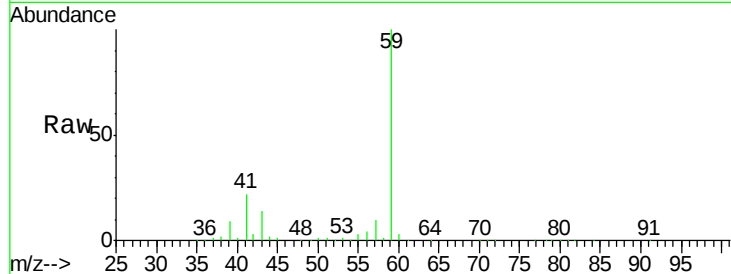
Tert butyl alcohol
Concen: 219.92 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

Manual Integrations
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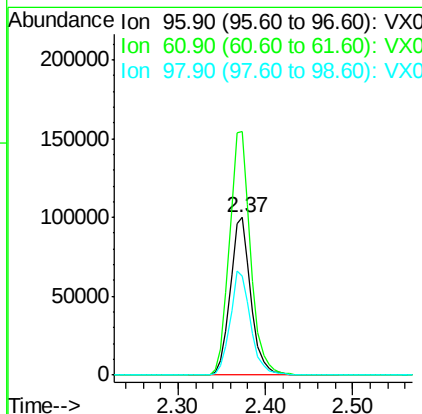
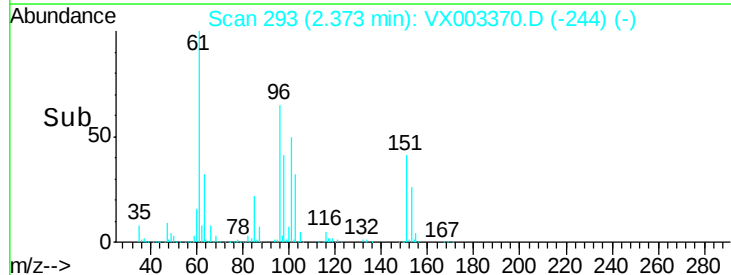
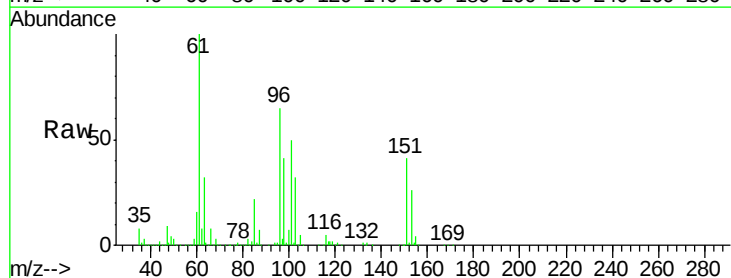
MMDadoda
7/16/2018 11:24:45 AM

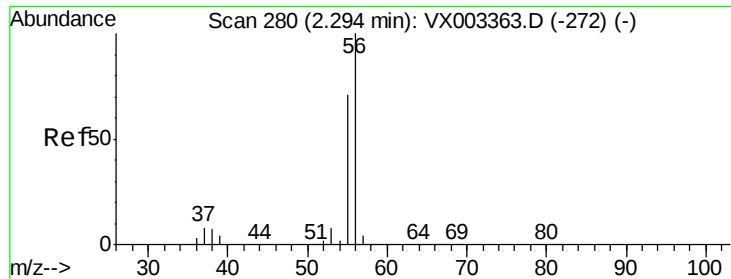


#12

1,1-Dichloroethene
Concen: 44.31 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	137.9	206.9
98	62.9	51.6	77.4





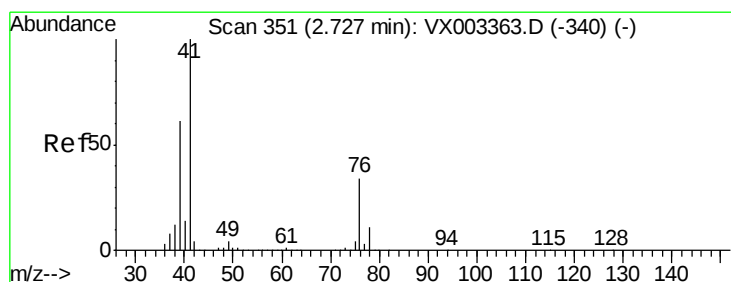
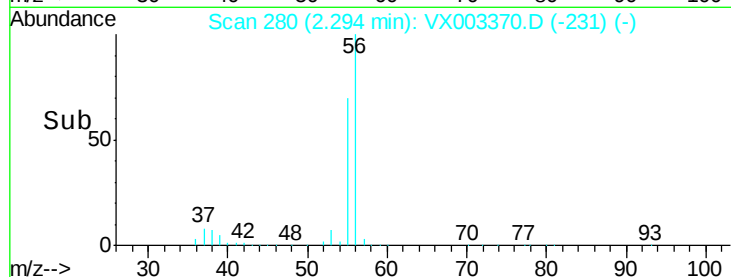
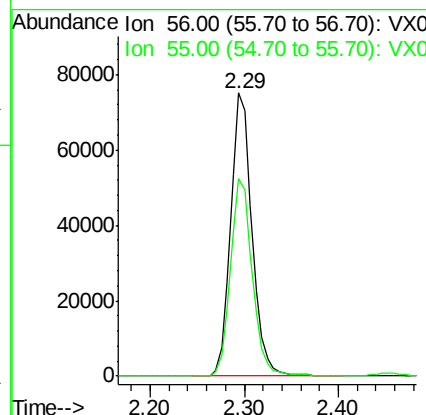
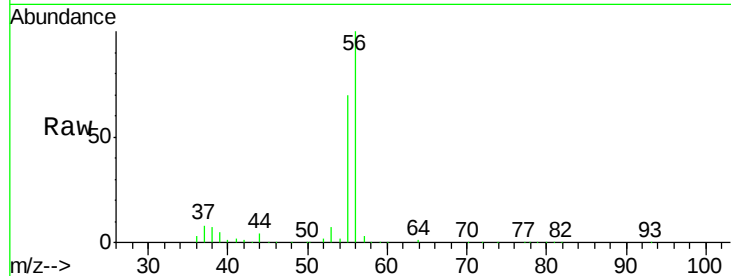
#13
Acrolein
Concen: 371.25 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.6	57.0	85.4

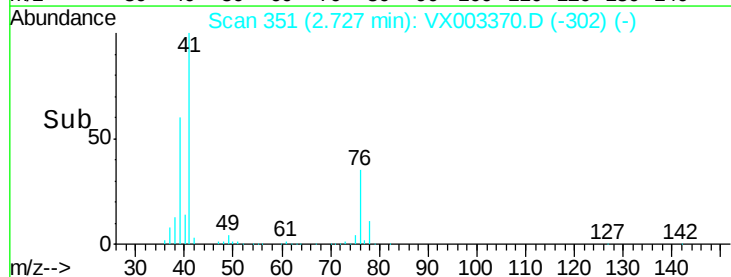
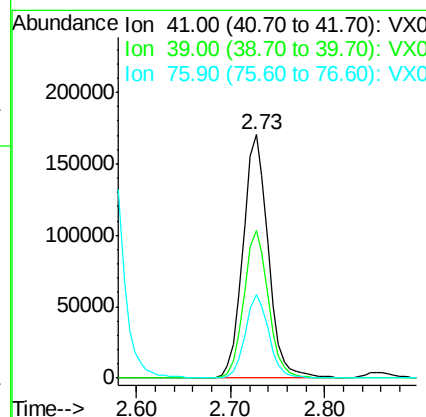
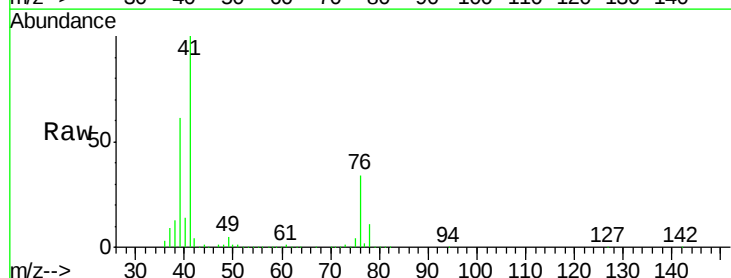
Manual Integrations
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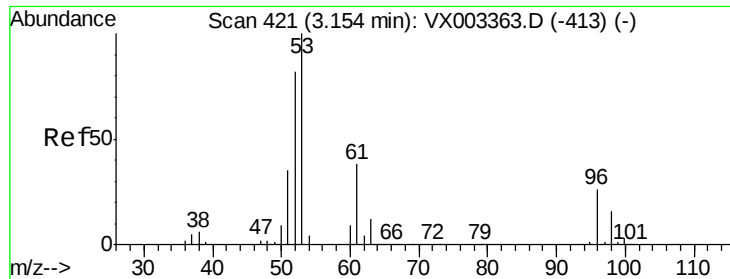
MMDadoda
7/16/2018 11:24:45 AM



#14
Allyl chloride
Concen: 44.64 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.0	56.8	85.2
76	32.4	23.8	35.8





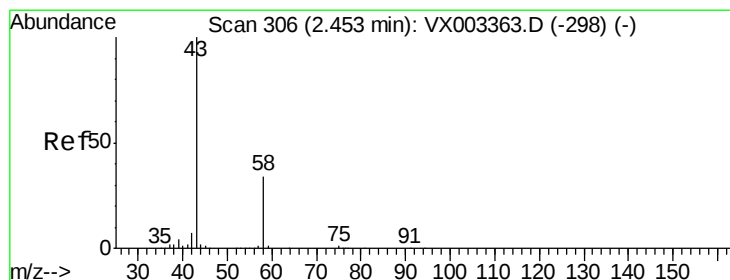
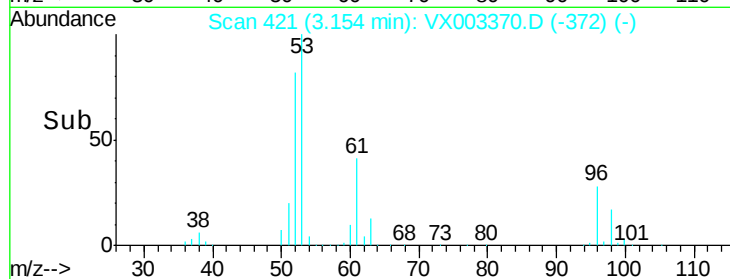
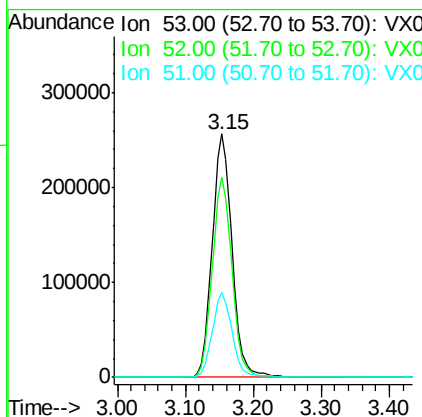
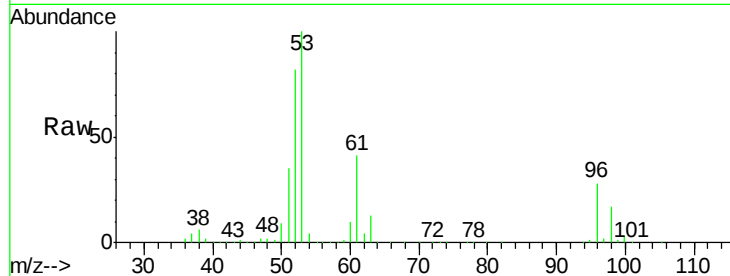
#15
 Acrylonitrile
 Concen: 213.83 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.7	100.1
51	34.9	29.9	44.9

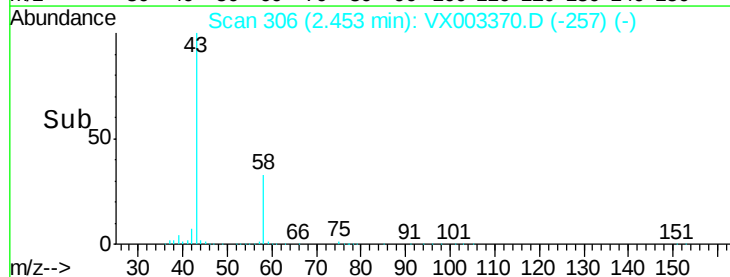
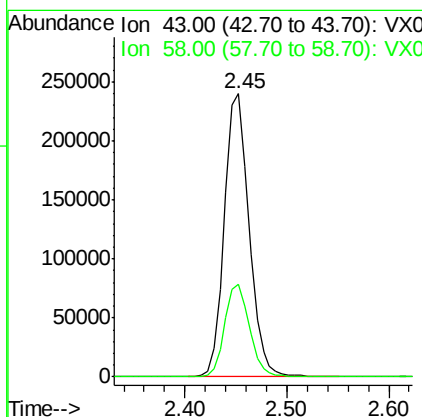
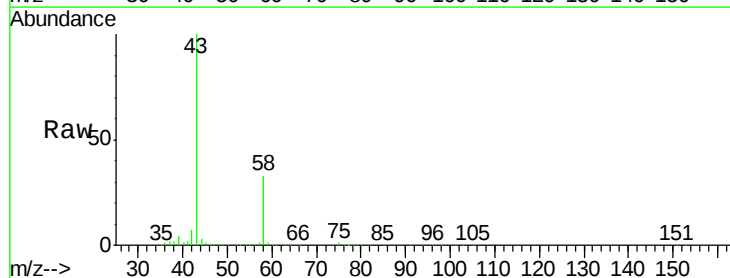
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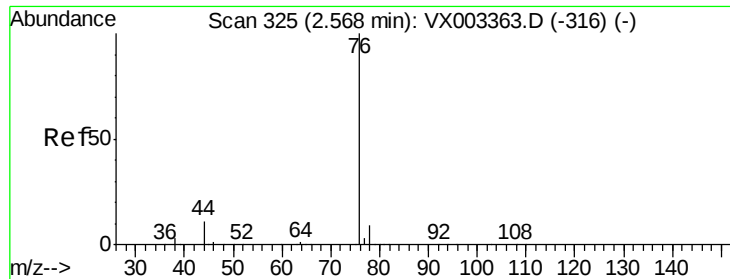
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 7/16/2018 11:24:45 AM



#16
 Acetone
 Concen: 214.75 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	22.1	33.1





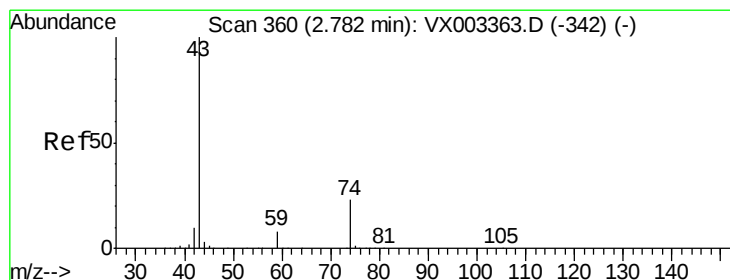
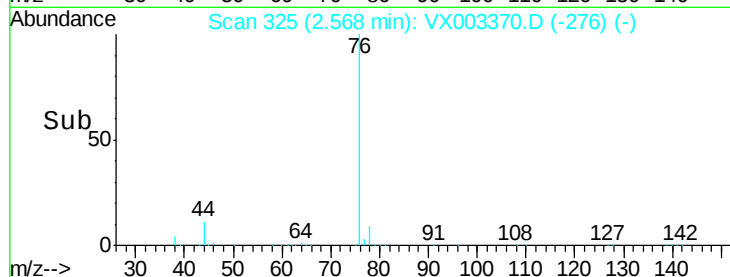
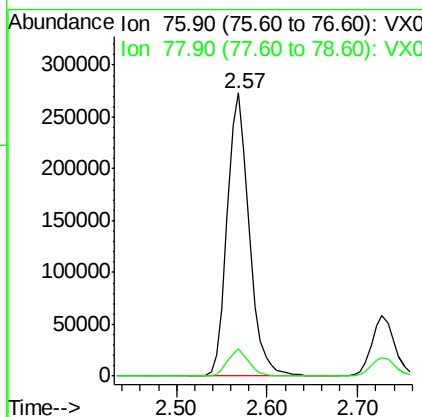
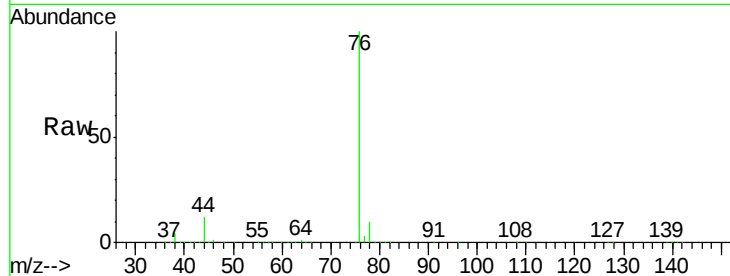
#17
Carbon Disulfide
Concen: 50.63 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

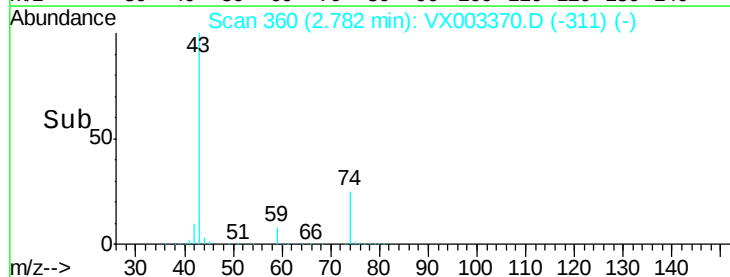
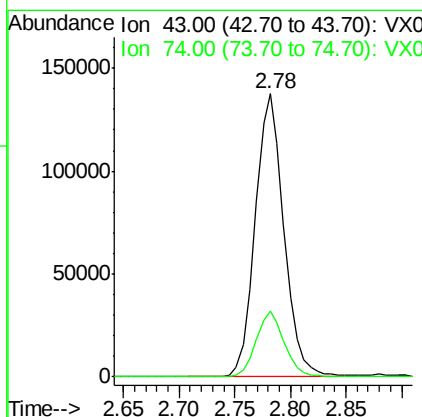
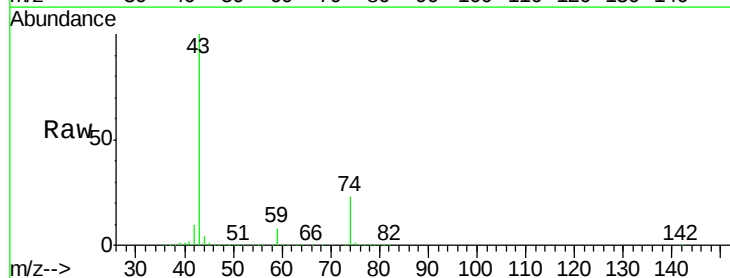
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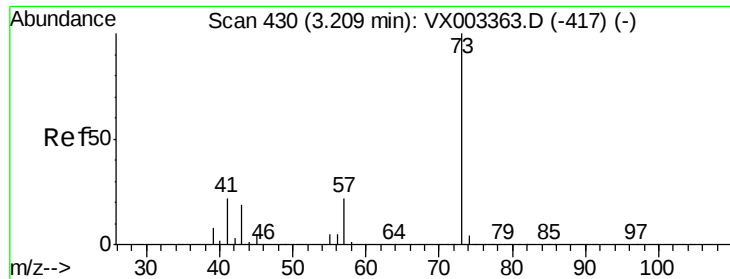
MMDadoda
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#18
Methyl Acetate
Concen: 42.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1





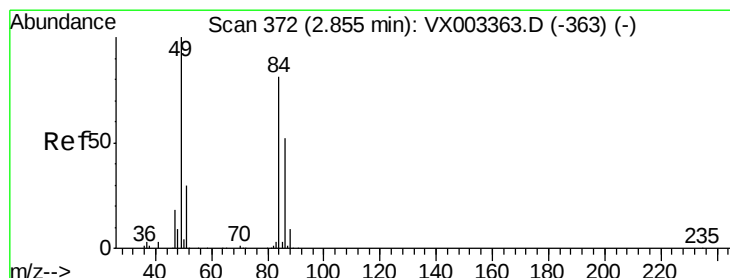
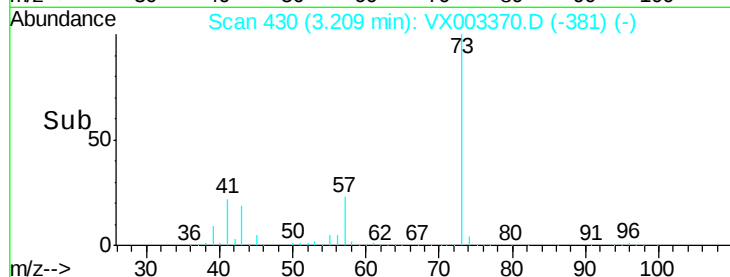
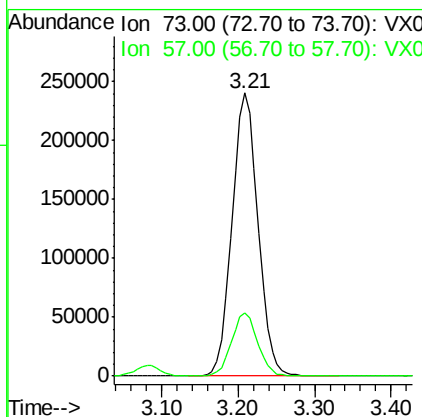
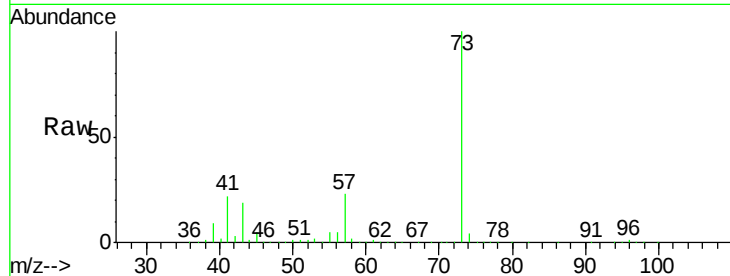
#19
Methvl tert-butvl Ether
Concen: 42.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 563980
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

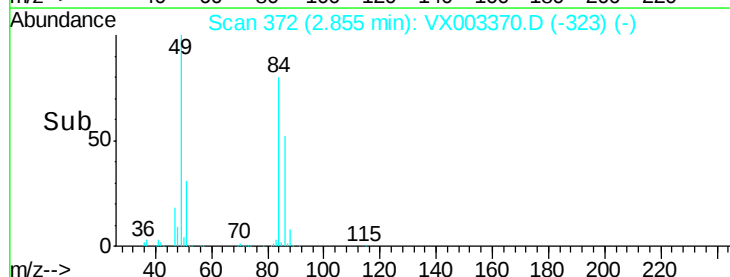
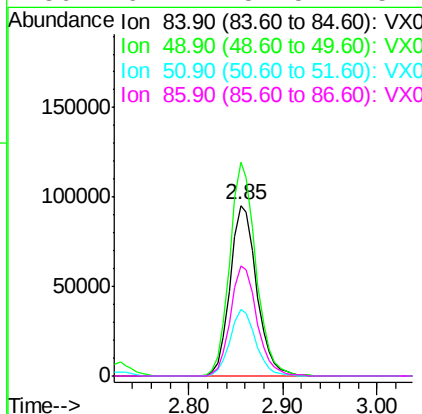
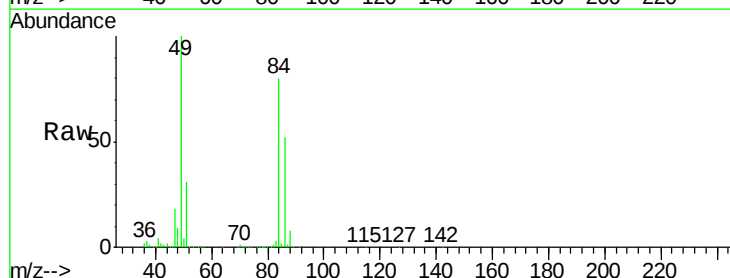
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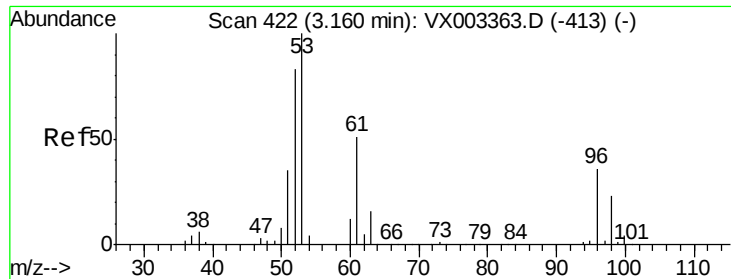
MMDadoda
7/16/2018 11:24:45 AM



#20
Methylene Chloride
Concen: 47.03 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 84 Resp: 187788
Ion Ratio Lower Upper
84 100
49 125.2 107.8 161.6
51 39.0 32.8 49.2
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.77 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 176922

Ion Ratio Lower Upper

96 100

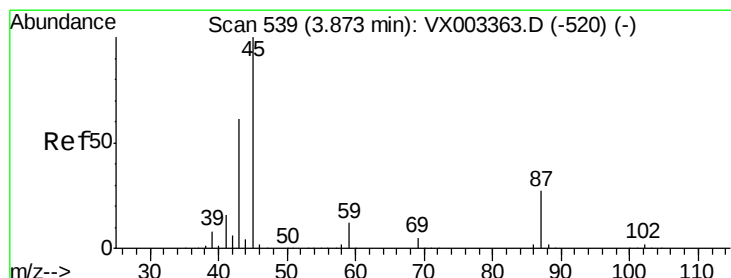
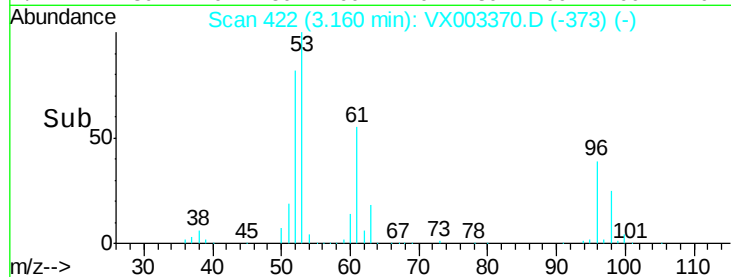
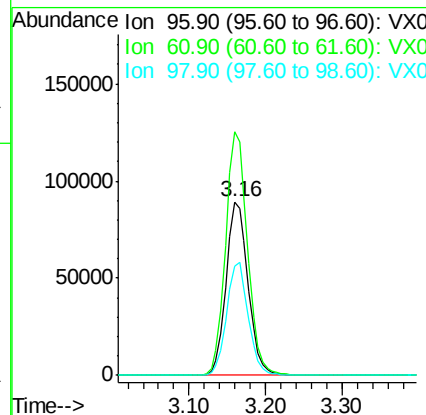
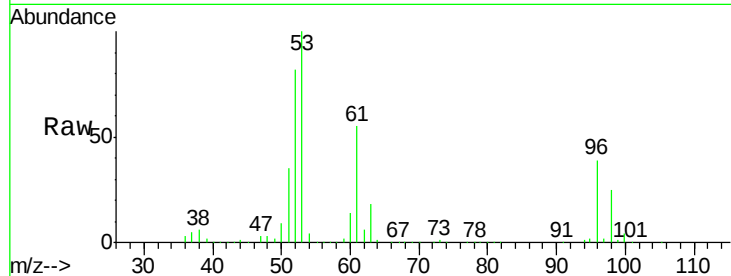
61 140.3 117.0 175.4

98 63.2 52.4 78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 42.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion: 45 Resp: 558308

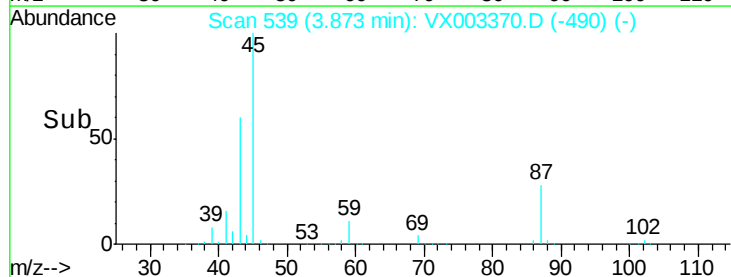
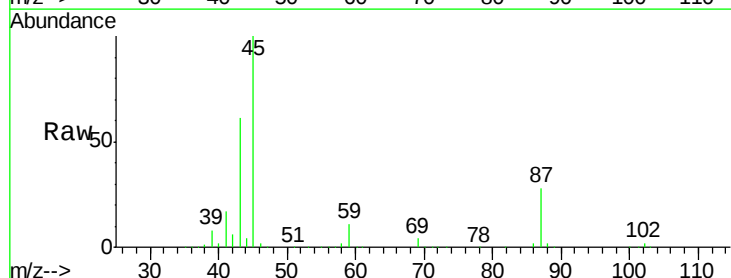
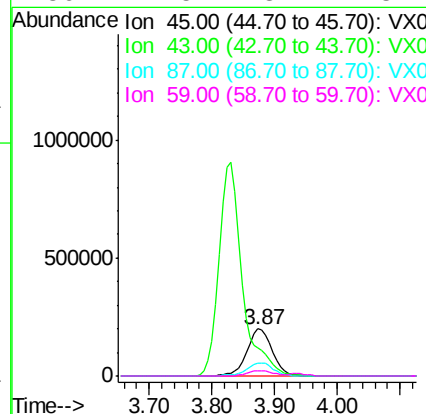
Ion Ratio Lower Upper

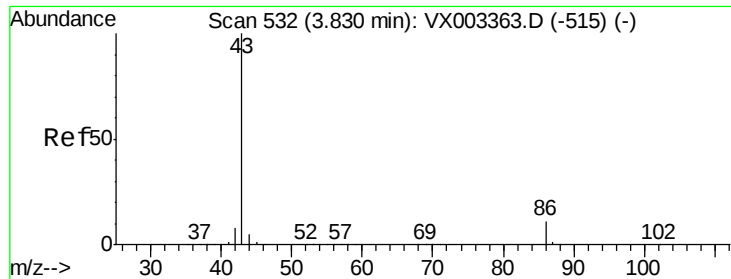
45 100

43 60.3 46.8 70.2

87 27.8 20.2 30.4

59 11.5 8.7 13.1





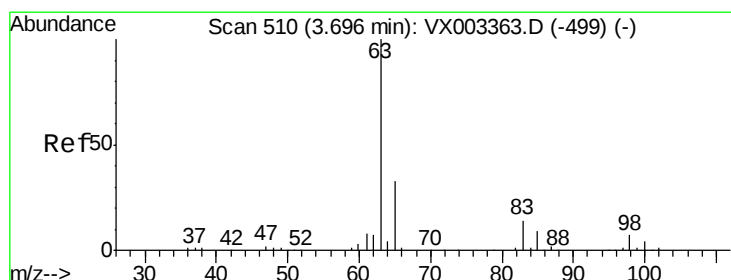
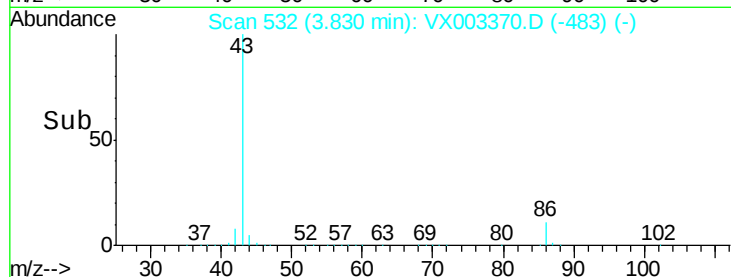
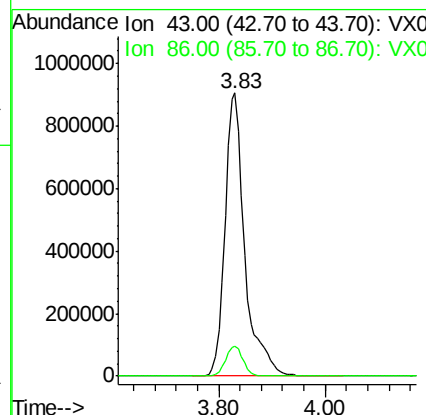
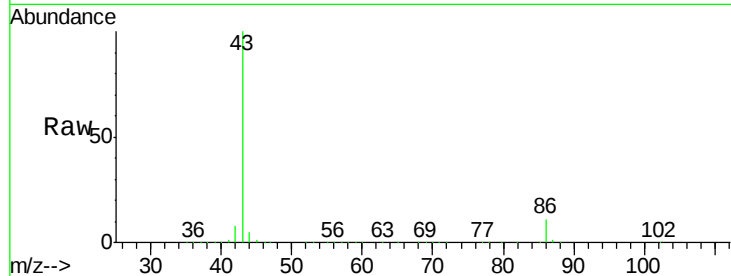
#23
 Vinyl Acetate
 Concen: 217.56 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 2350775
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.4 11.0

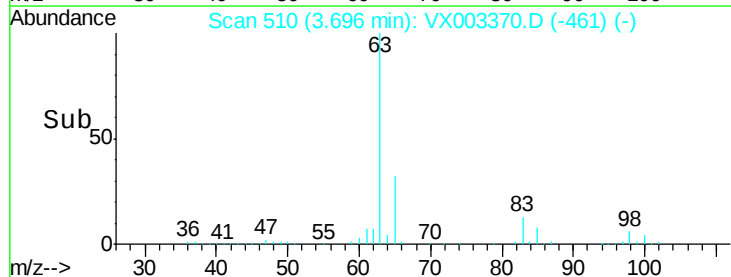
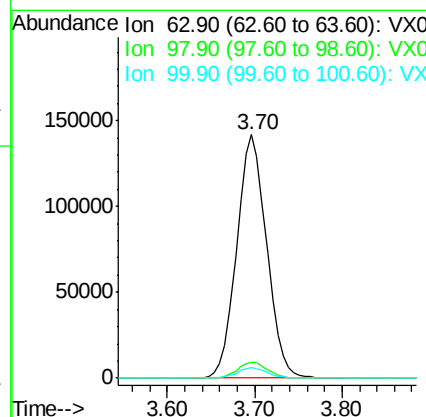
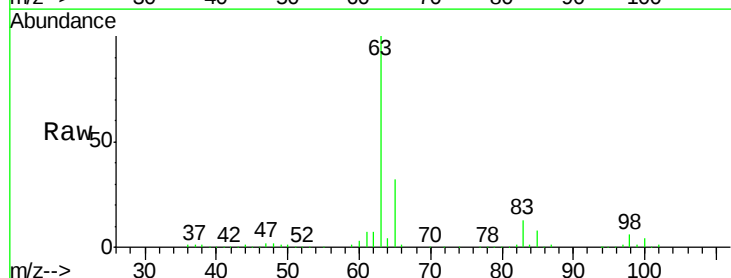
Manual Integrations
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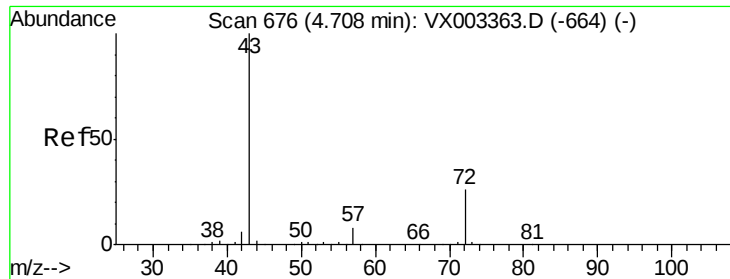
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#24
 1,1-Dichloroethane
 Concen: 44.92 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion: 63 Resp: 336740
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 220.11 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 638860

Ion Ratio Lower Upper

43 100

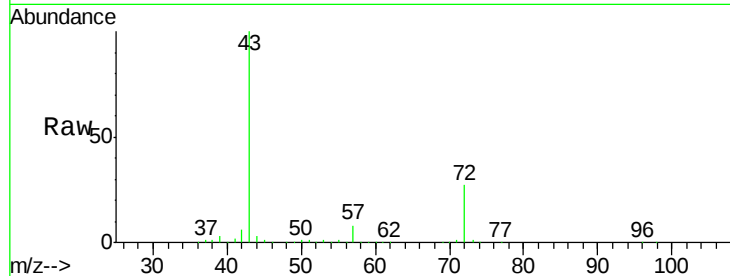
72 27.2 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

250000

200000

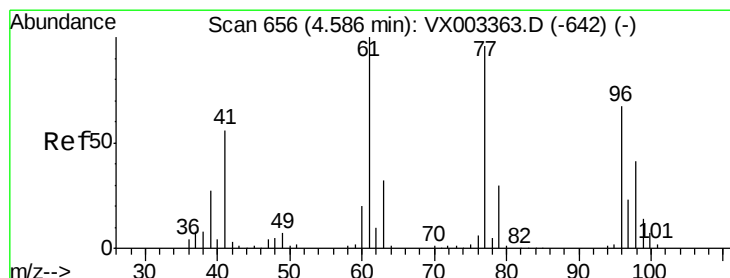
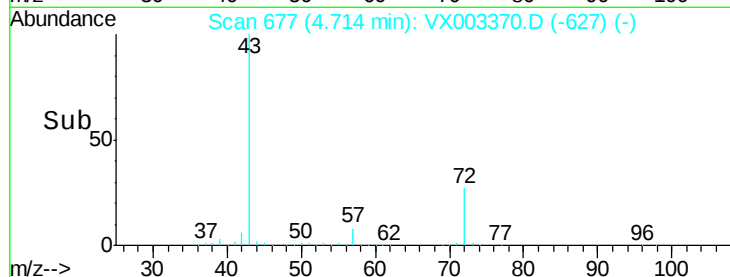
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003370.D

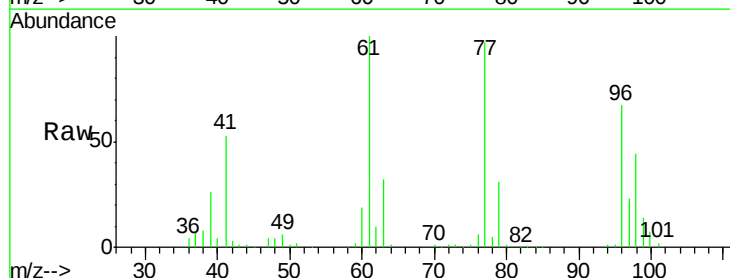
Acq: 13 Jul 2018 18:55

Tgt Ion: 77 Resp: 239045

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

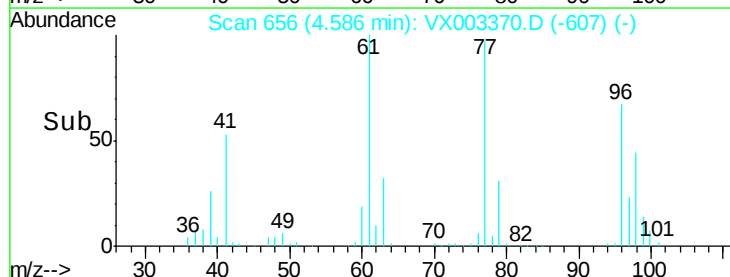
60000

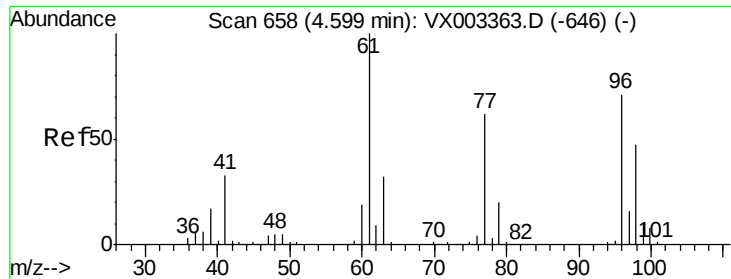
40000

20000

0

Time-->





#27

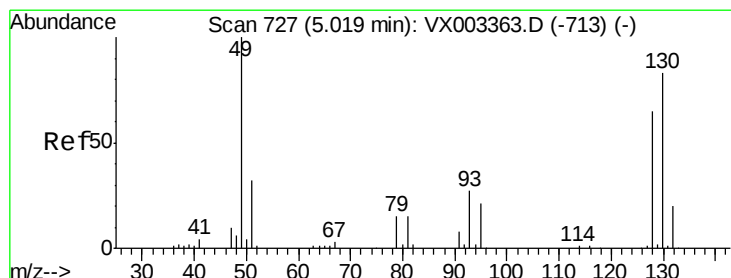
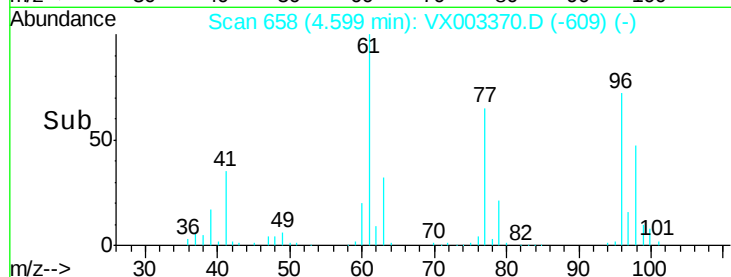
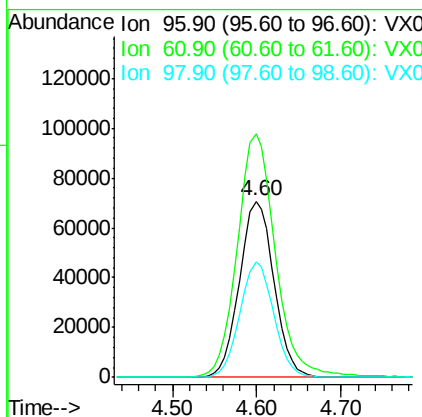
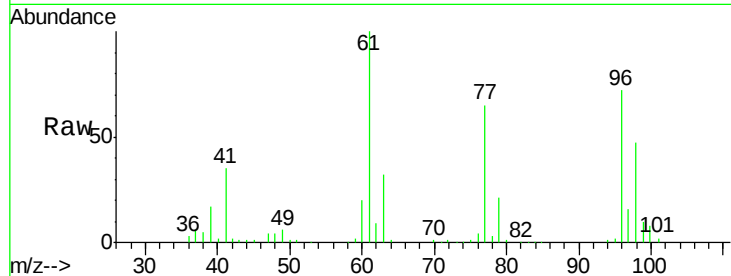
cis-1,2-Dichloroethene
Concen: 45.13 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	196060		
61	154.1	0.0	330.2	
98	64.5	0.0	130.2	

Manual Integrations
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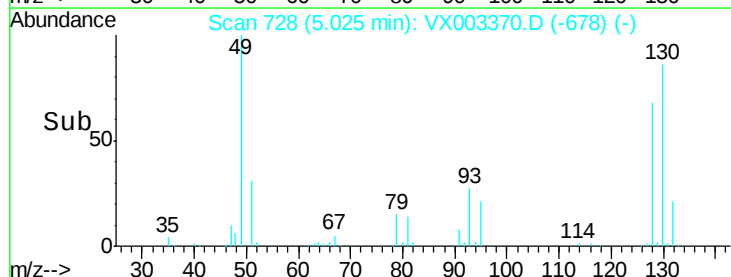
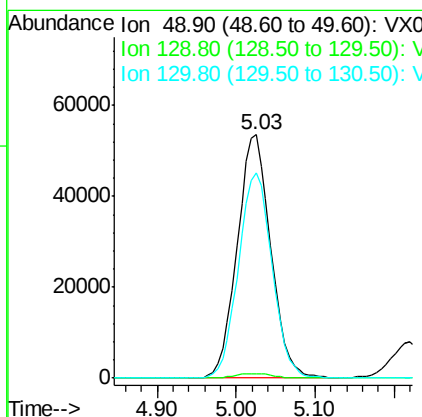
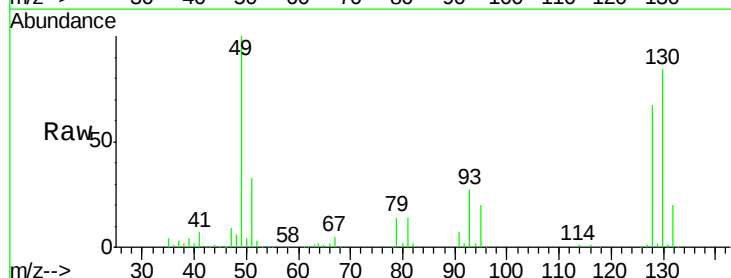
MMDadoda
7/16/2018 11:24:45 AM

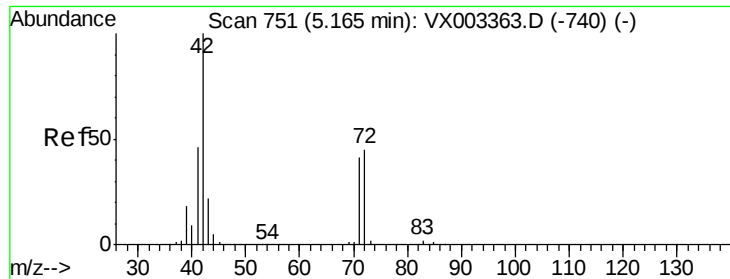


#28

Bromochloromethane
Concen: 46.45 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	158660		
129	2.1	0.0	4.2	
130	84.6	61.2	91.8	





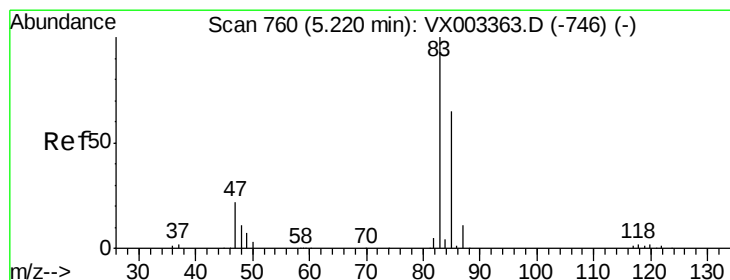
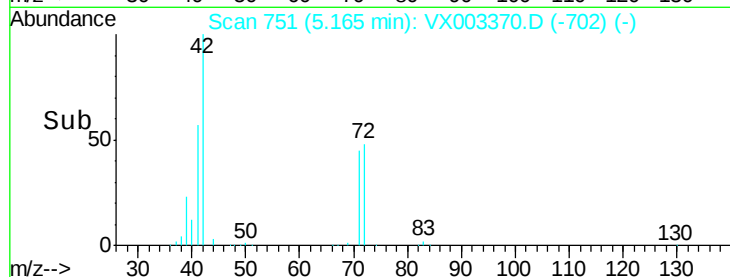
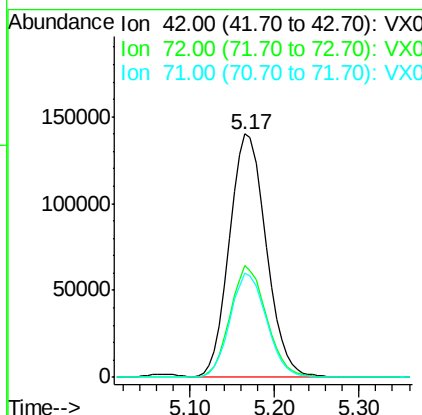
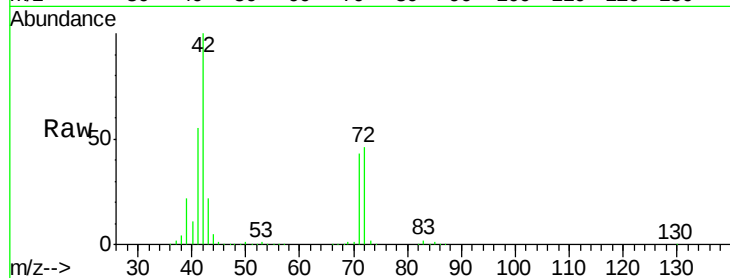
#29
Tetrahydrofuran
Concen: 223.29 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	32.0	48.0
71	42.6	30.1	45.1

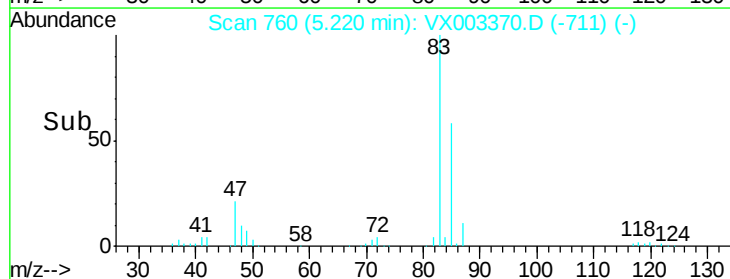
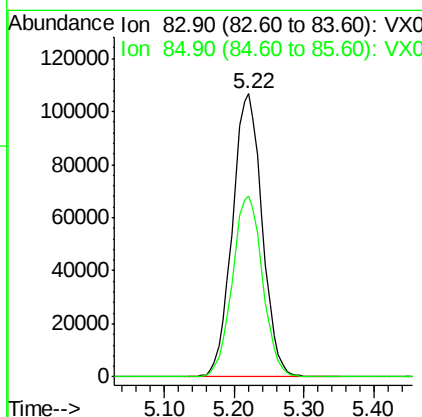
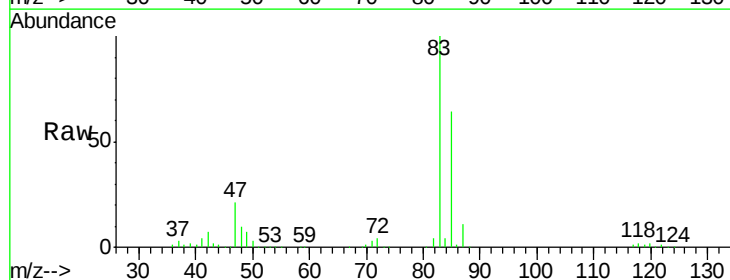
Manual Integrations
APPROVED

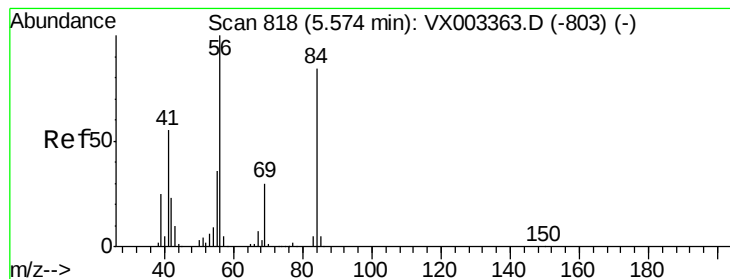
MMDadoda
7/16/2018 11:24:45 AM



#30
Chloroform
Concen: 43.81 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.4	75.6





#31

Cyclohexane

Concen: 49.53 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

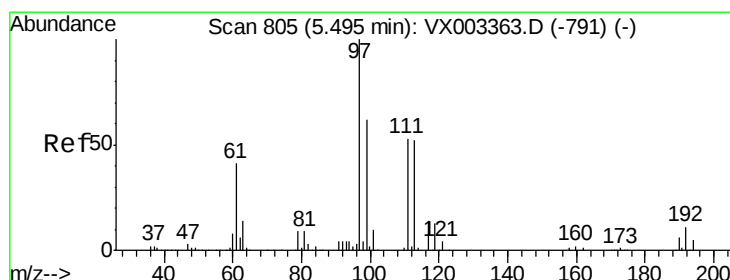
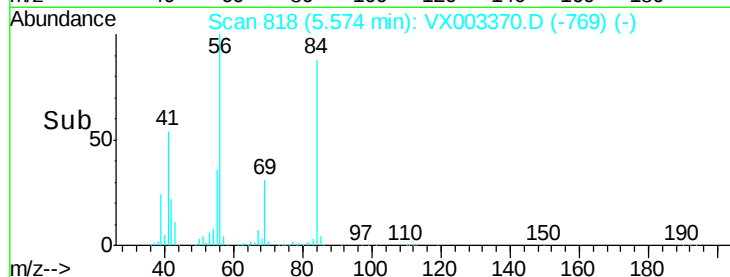
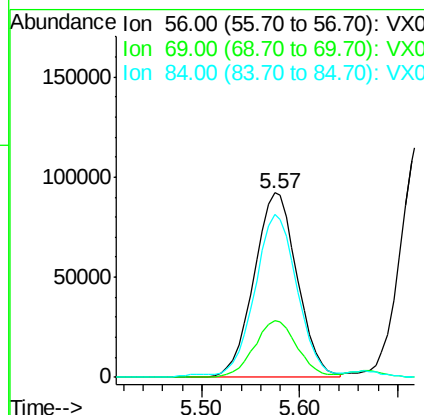
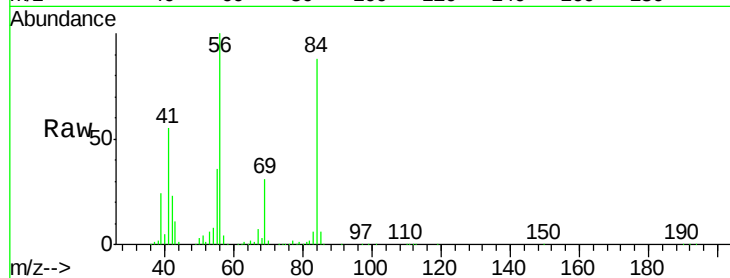
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	284169
Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.7	35.5
84	86.6	64.1	96.1

Manual Integrations
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7/16/2018 11:24:45 AM



#32

1,1,1-Trichloroethane

Concen: 45.25 ug/l

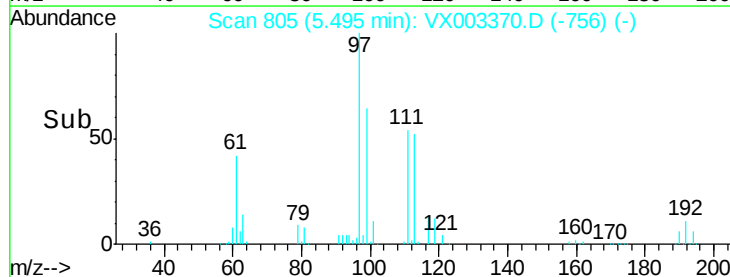
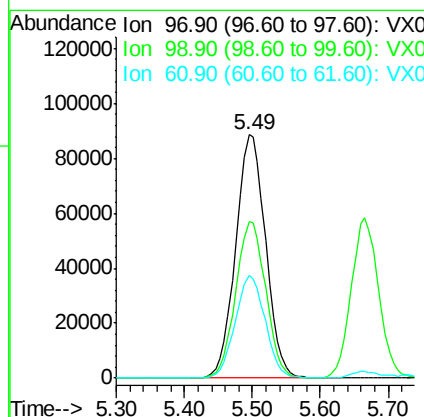
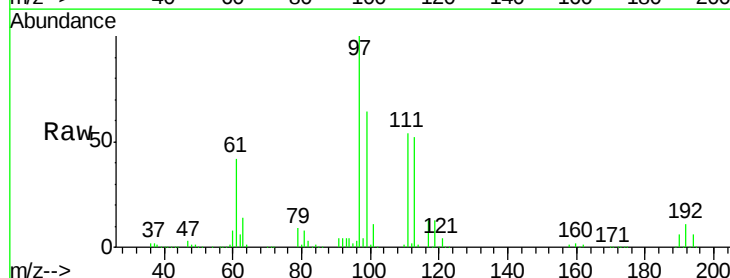
RT: 5.49 min Scan# 805

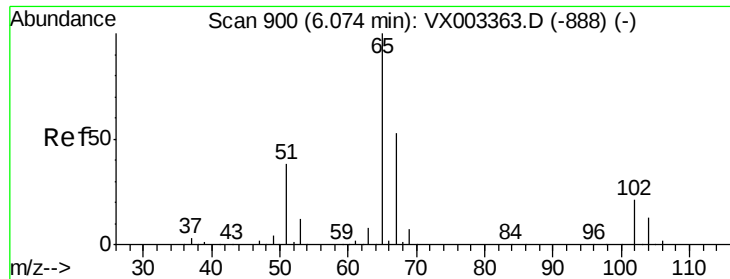
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	97	Resp:	270913
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	42.3	36.4	54.6





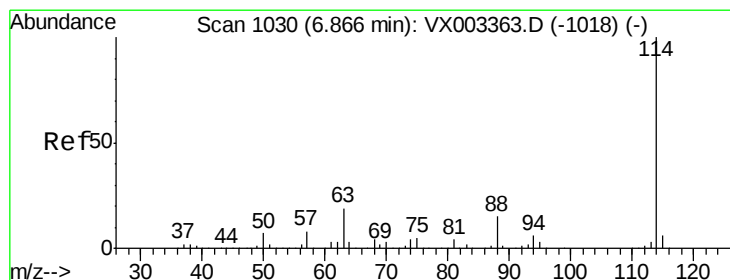
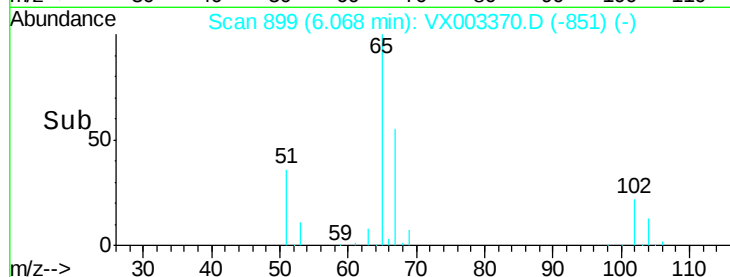
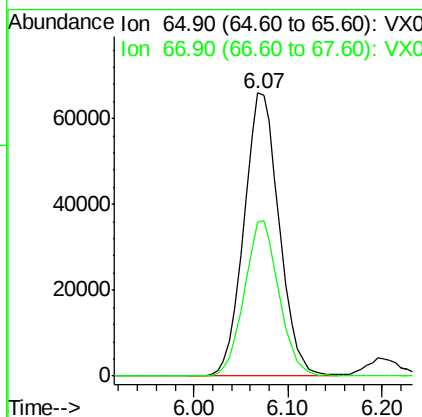
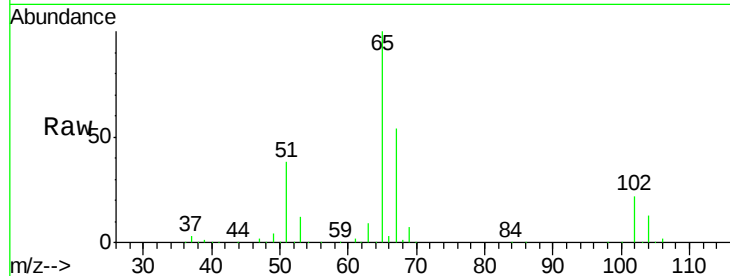
#33
 1,2-Dichloroethane-d4
 Concen: 47.13 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173037		
67	54.1	0.0	102.6	

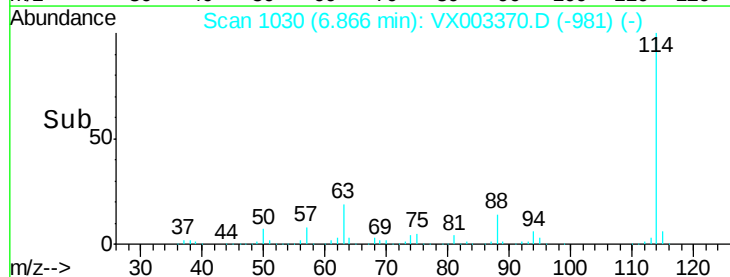
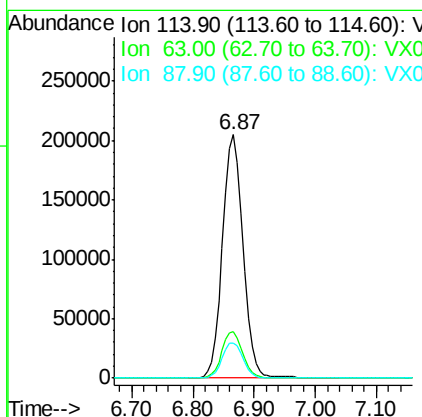
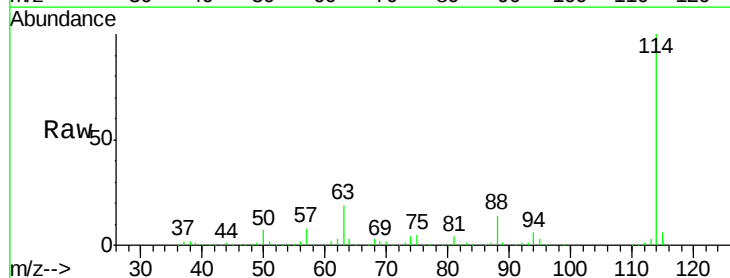
Manual Integrations
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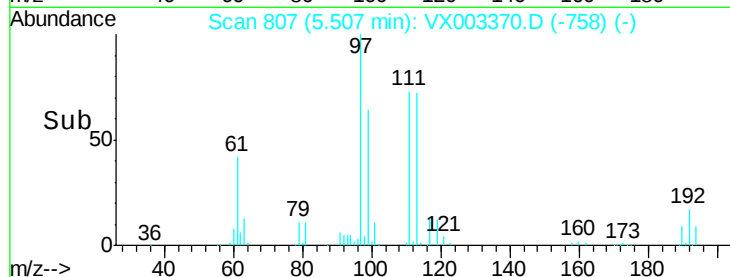
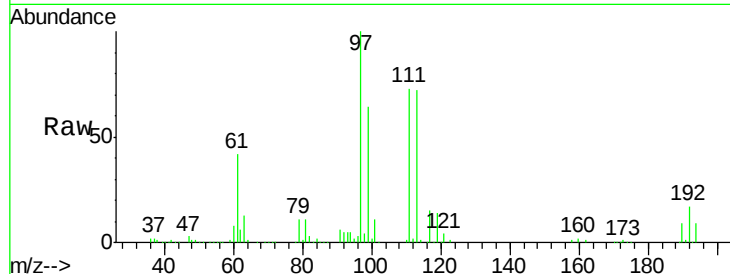
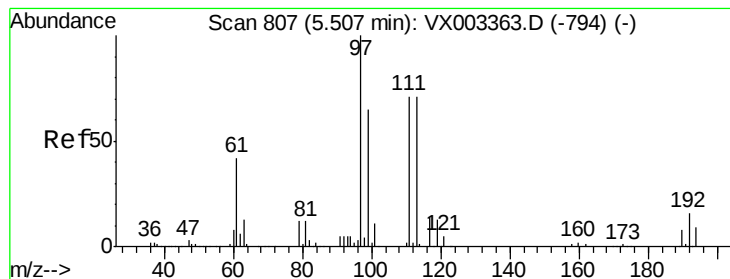
MMDadoda
 7/16/2018 11:24:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	477453		
63	19.3	0.0	41.4	
88	14.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 45.57 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003370.D

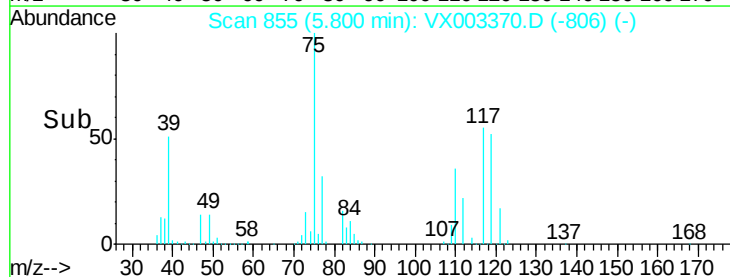
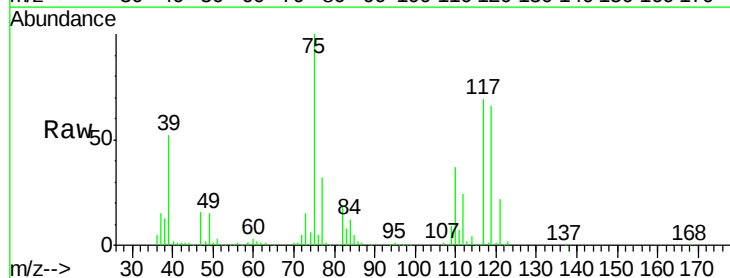
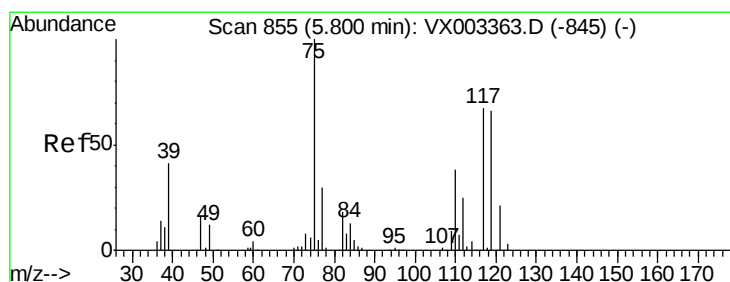
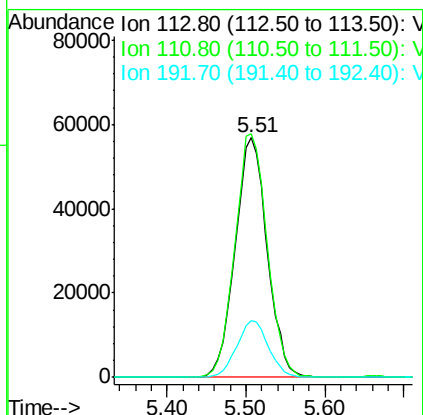
Acq: 13 Jul 2018 18:55

Tot Ion:	113	Resp:	160143
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	23.6	19.1	28.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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MMDadoda
7/16/2018 11:24:45 AM



#36

1,1-Dichloropropene

Concen: 47.20 ug/l

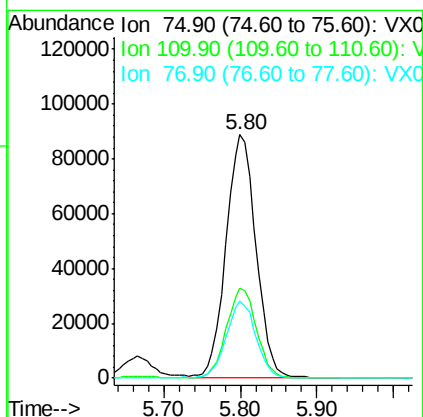
RT: 5.80 min Scan# 855

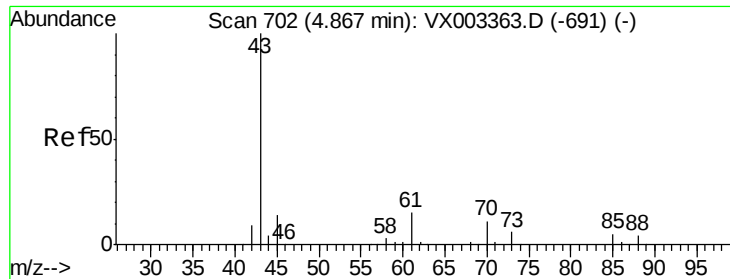
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	75	Resp:	239390
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.4
77	31.0	24.3	36.5





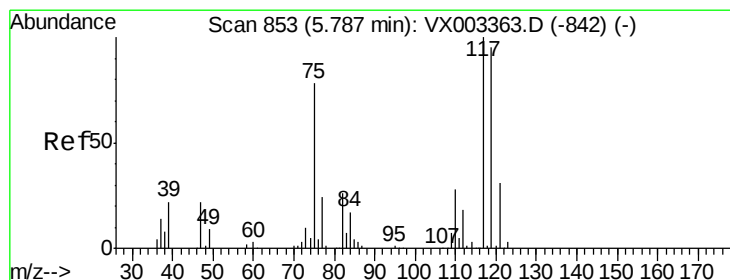
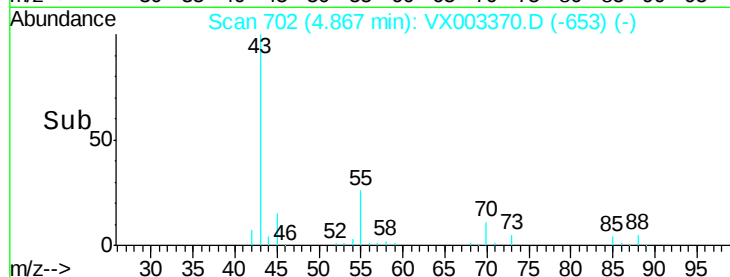
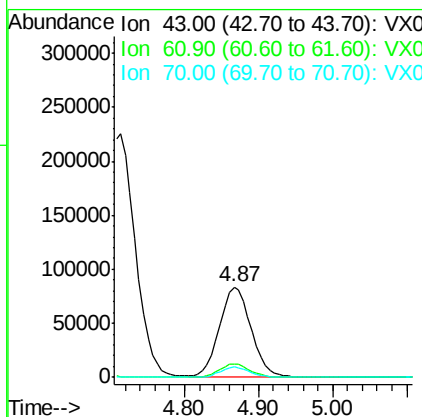
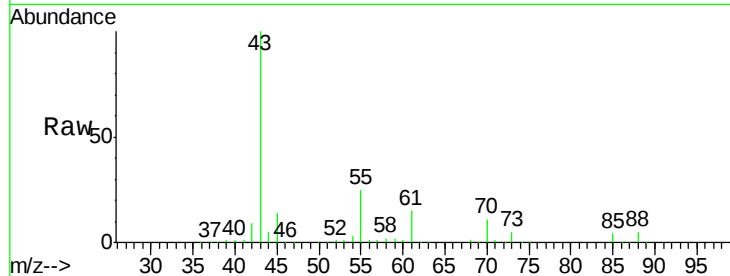
#37
Ethyl Acetate
Concen: 44.27 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	11.0	7.6	11.4

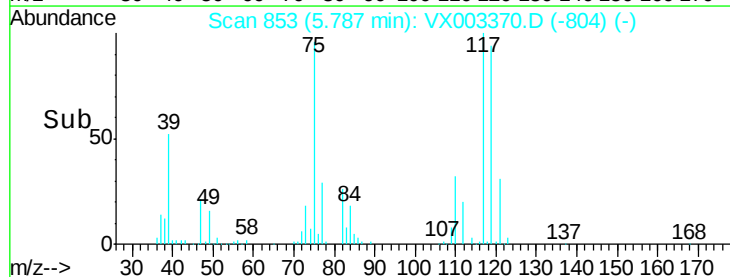
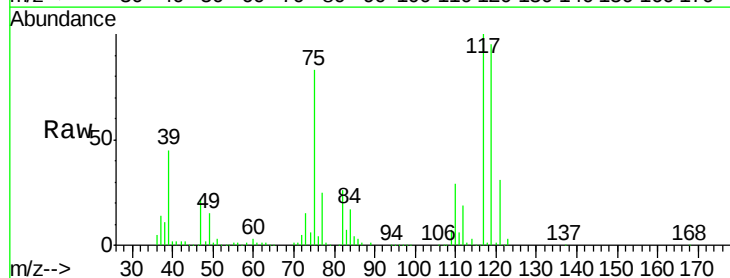
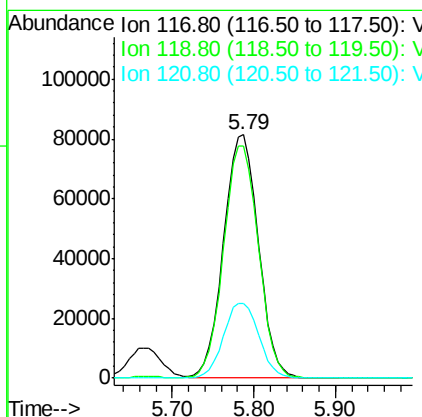
Manual Integrations
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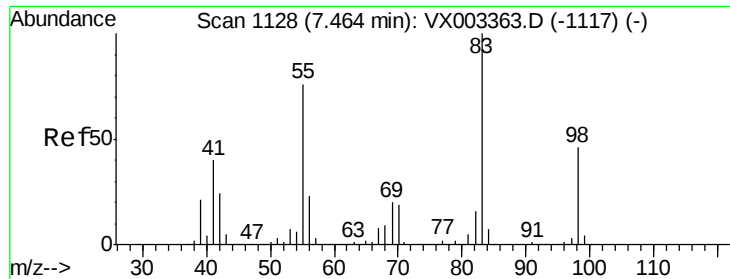
MMDadoda
7/16/2018 11:24:45 AM



#38
Carbon Tetrachloride
Concen: 46.48 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
121	30.8	24.4	36.6





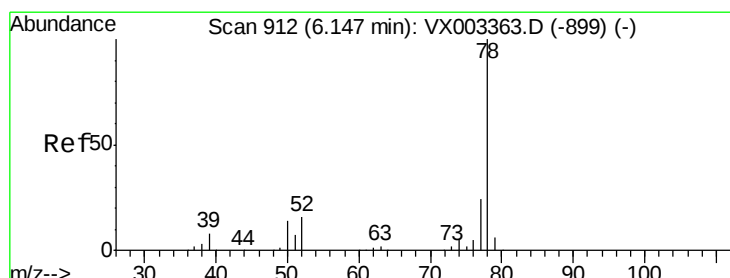
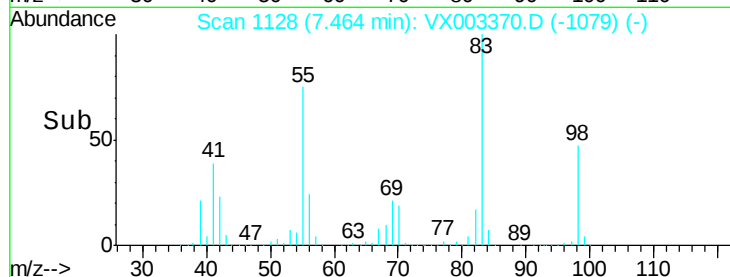
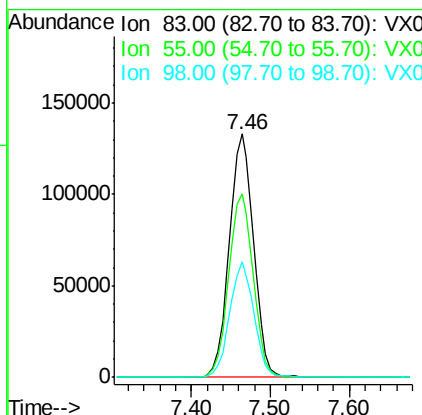
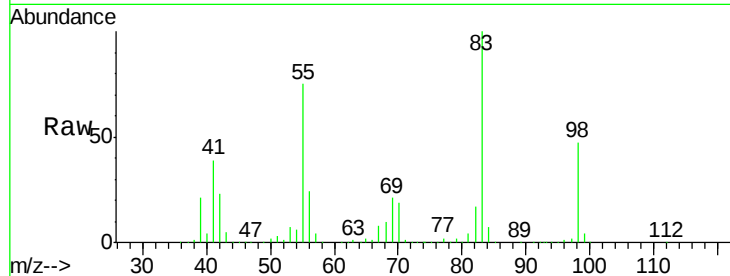
#39
Methvlcvclohexane
Concen: 49.60 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	284789		
55	75.2		65.4	98.0
98	47.4		37.4	56.0

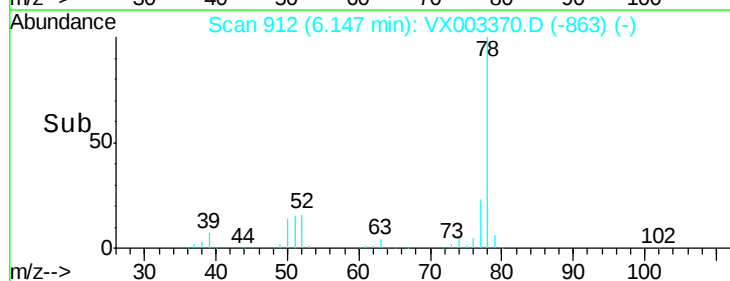
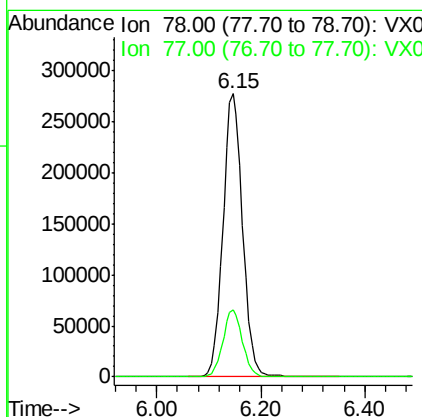
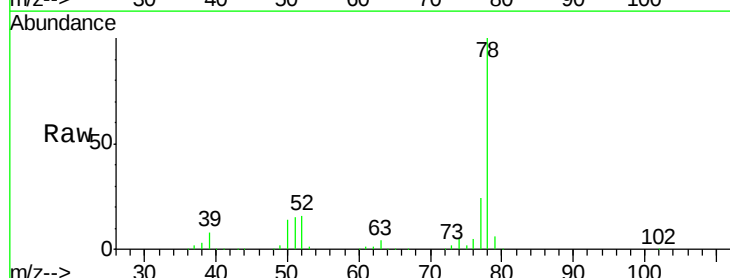
Manual Integrations
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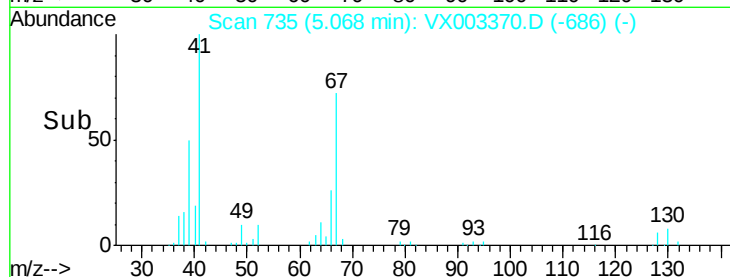
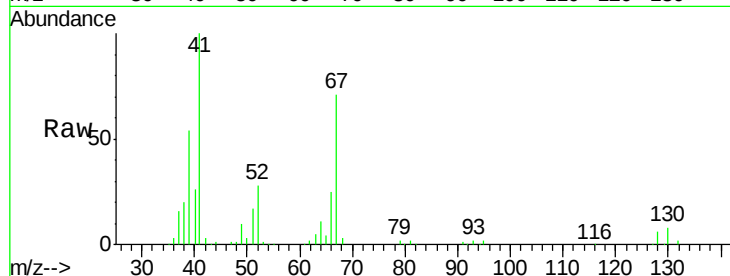
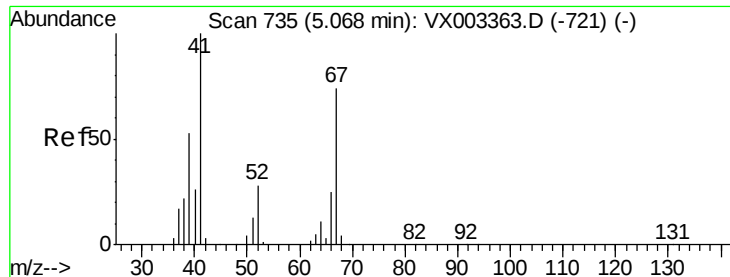
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7/16/2018 11:24:45 AM



#40
Benzene
Concen: 46.17 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

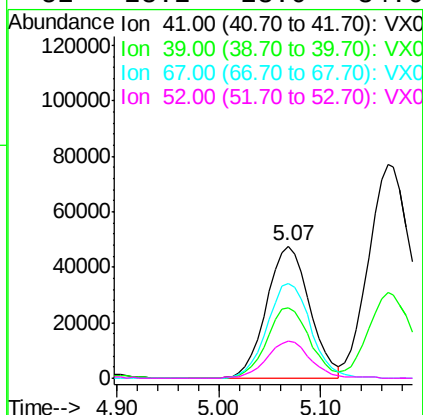
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	733479		
77	23.5		19.1	28.7





#41
Methacrylonitrile
Concen: 43.72 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

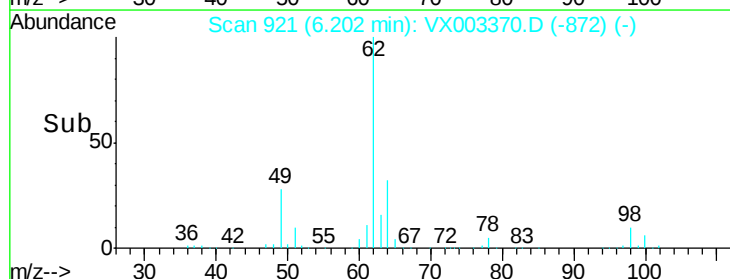
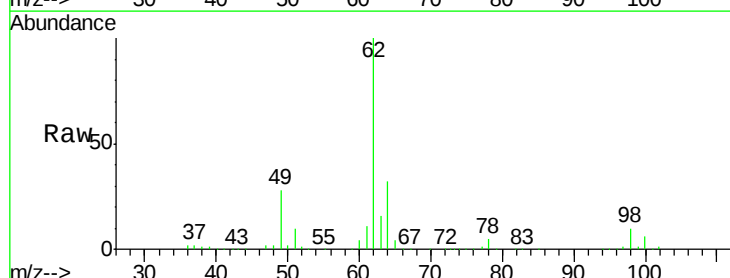
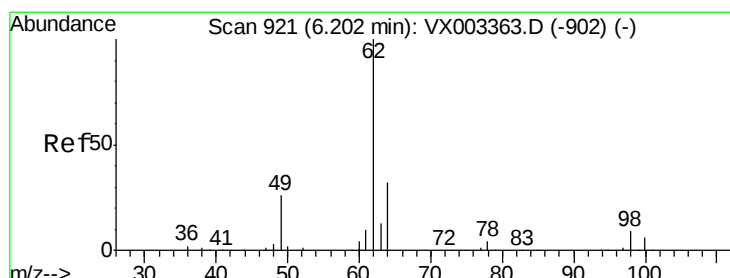
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	45.8	68.6	
67	73.5	51.3	76.9	
52	28.2	23.0	34.6	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

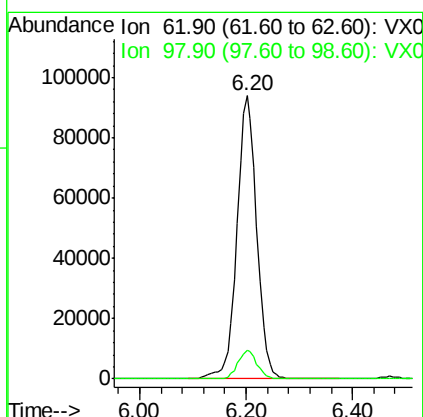
Manual Integrations
APPROVED

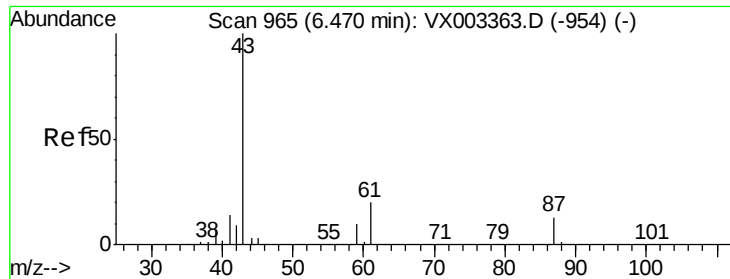
MMDadoda
7/16/2018 11:24:45 AM



#42
1,2-Dichloroethane
Concen: 43.63 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	16.6	





#43

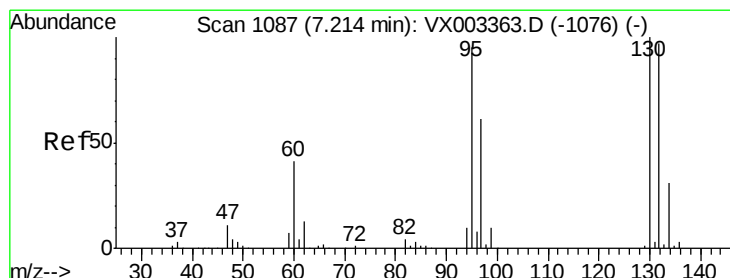
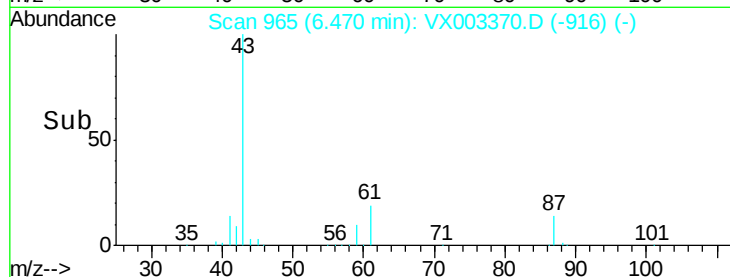
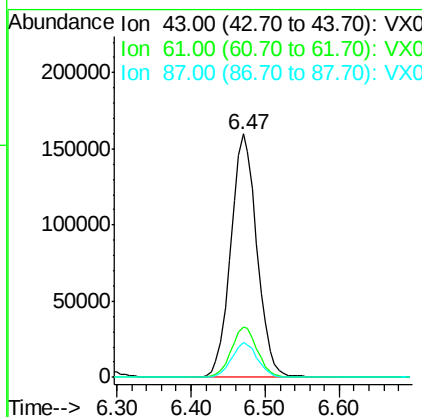
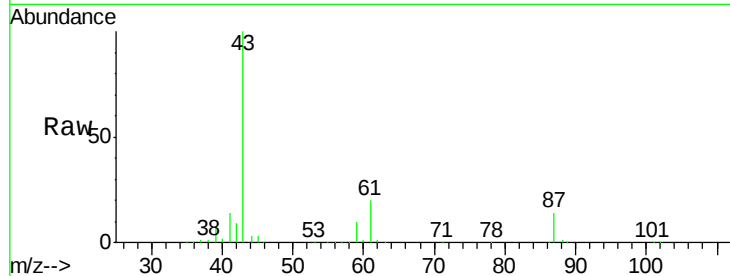
Isopropyl Acetate
 Concen: 44.92 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	14.4	21.6
87	14.1	9.5	14.3

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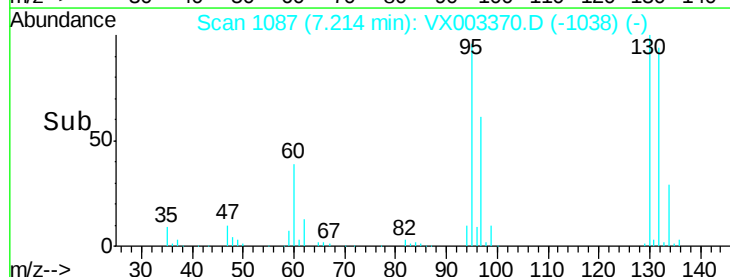
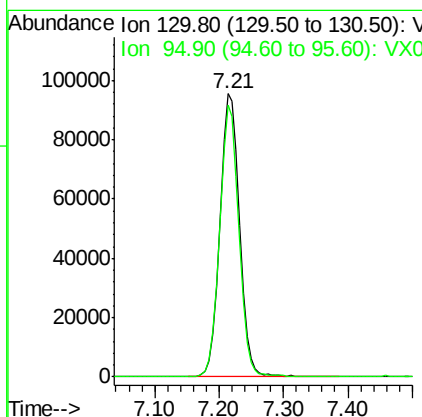
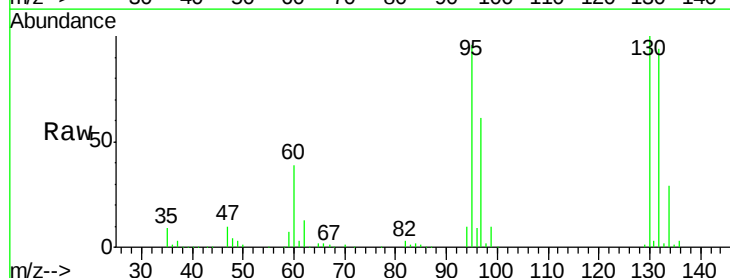
MMDadoda
 7/16/2018 11:24:45 AM

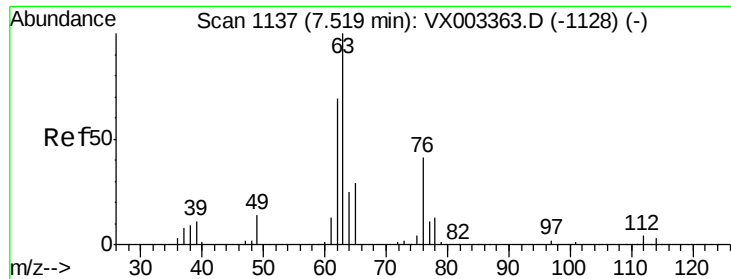


#44

Trichloroethene
 Concen: 45.70 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 44.77 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 188672

Ion Ratio Lower Upper

63 100

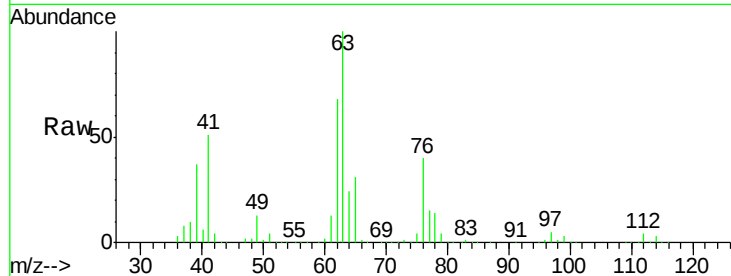
65 31.5 24.7 37.1

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

100000

80000

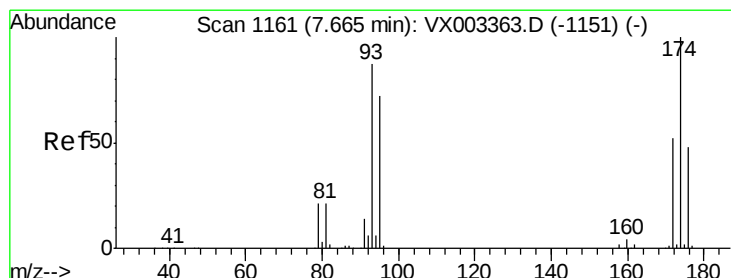
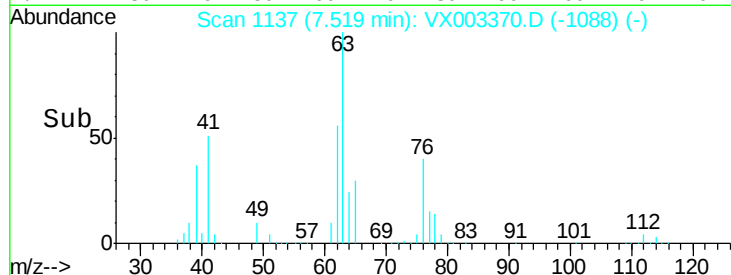
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 44.87 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

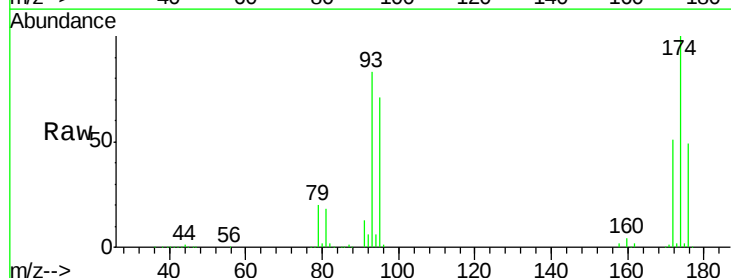
Tgt Ion: 93 Resp: 121561

Ion Ratio Lower Upper

93 100

95 85.0 65.9 98.9

174 121.3 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

100000

80000

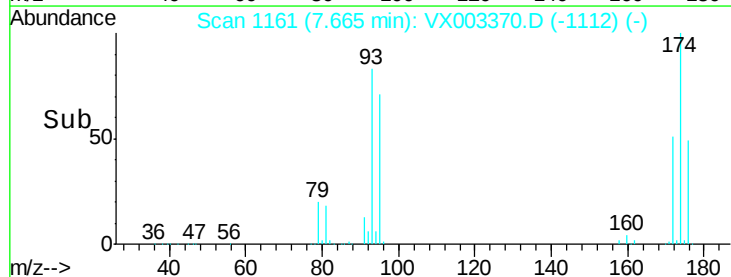
60000

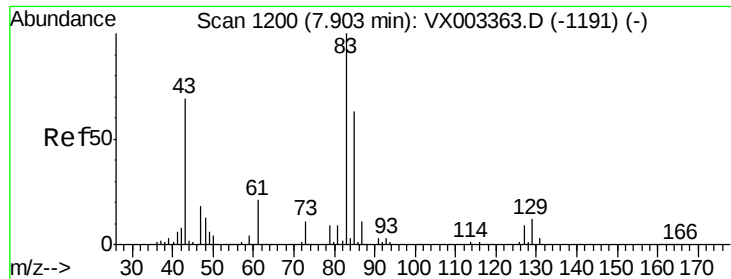
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 45.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

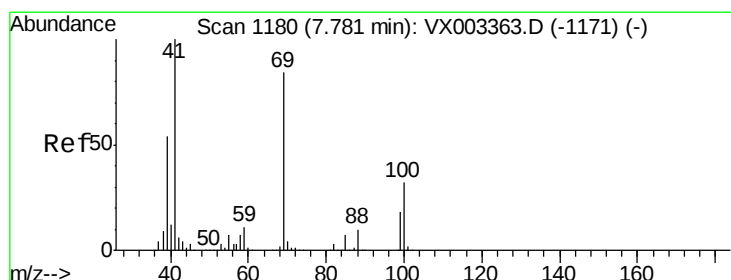
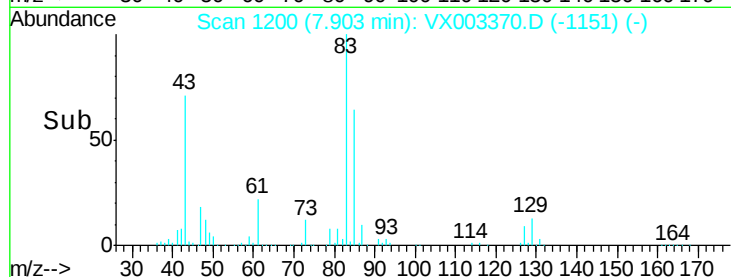
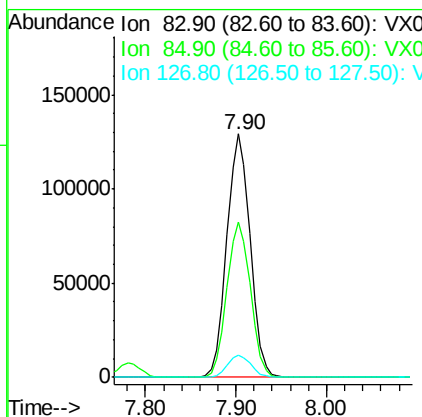
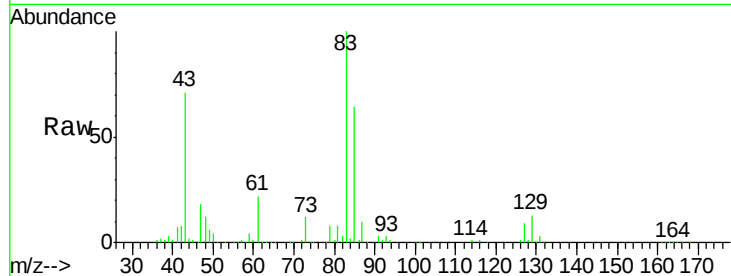
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	230767
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.3	75.5
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 45.44 ug/l

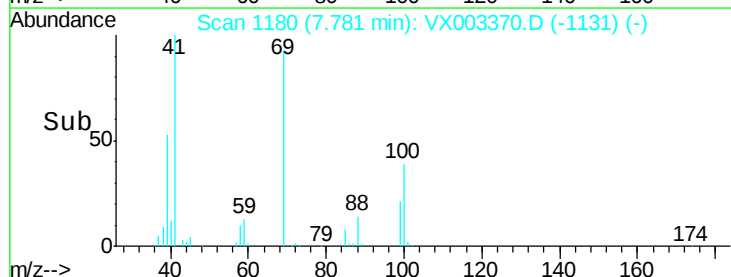
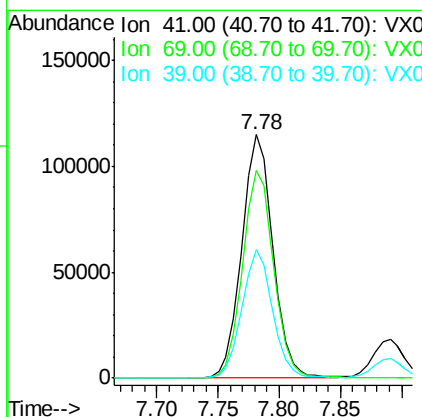
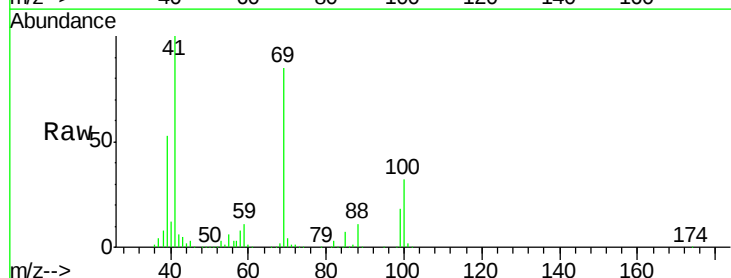
RT: 7.78 min Scan# 1180

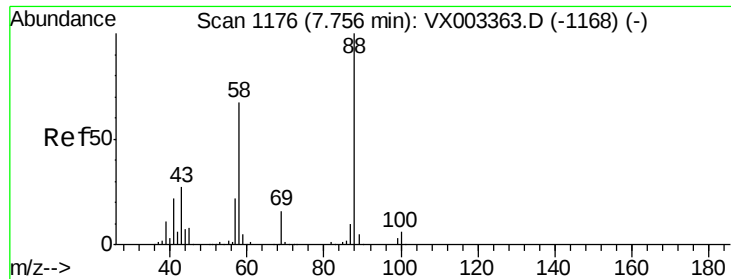
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	41	Resp:	202024
Ion Ratio	Lower	Upper	
41	100		
69	86.4	59.1	88.7
39	52.0	48.9	73.3





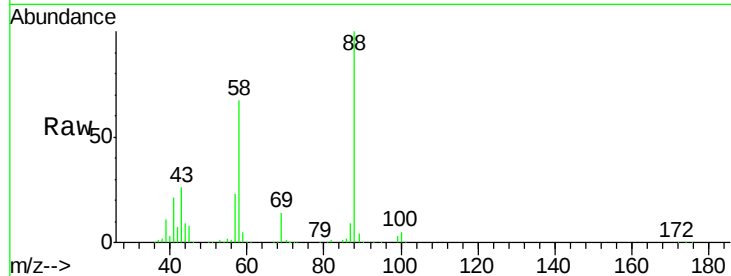
#49
1,4-Dioxane
Concen: 932.94 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	29.8	44.6
58	70.3	57.1	85.7

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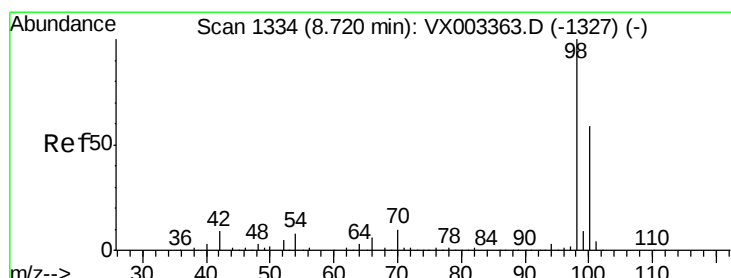
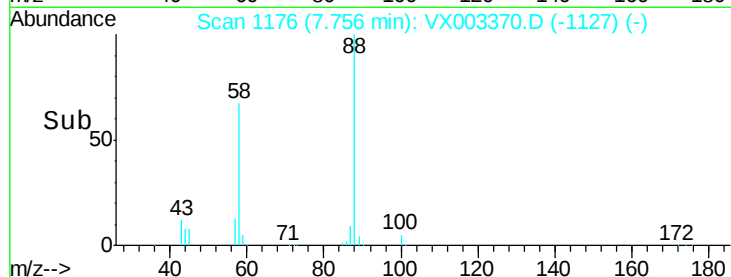
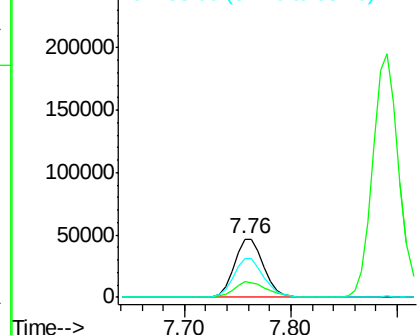


Abundance

Ion 88.00 (87.70 to 88.70): VX0

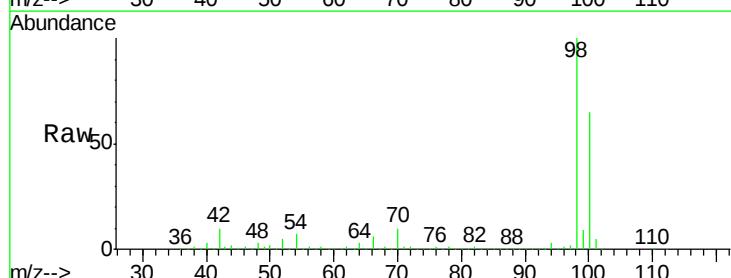
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

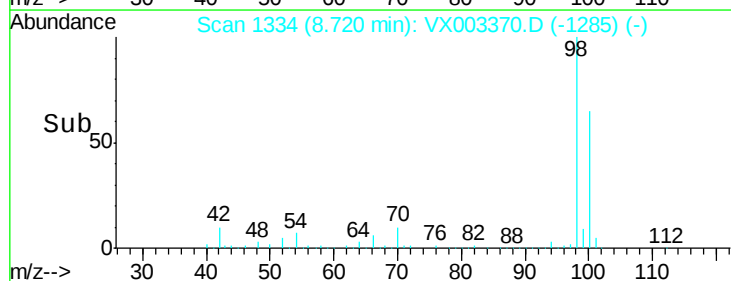
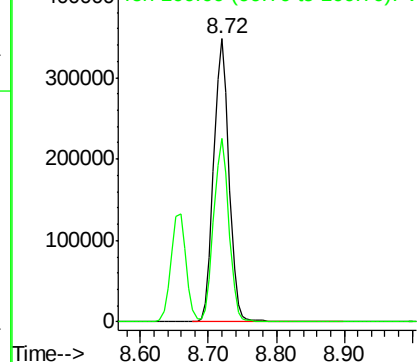
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3

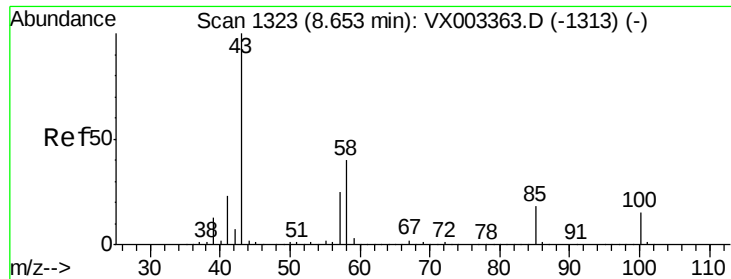


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 225.00 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1281147

Ion Ratio Lower Upper

43 100

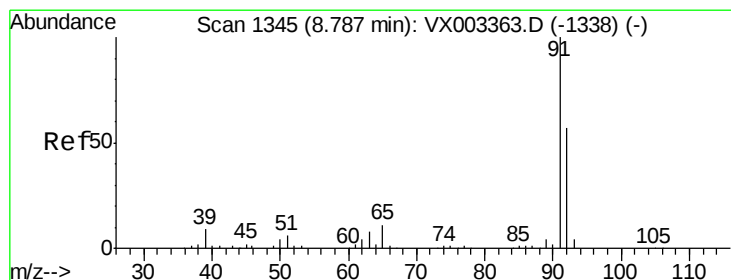
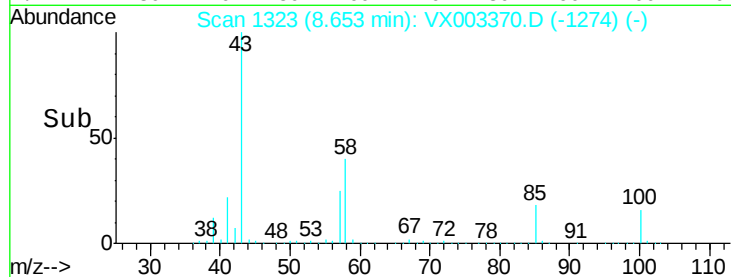
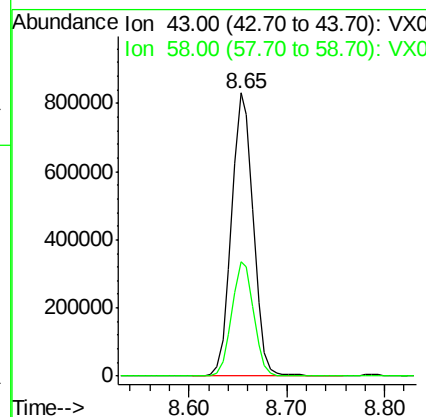
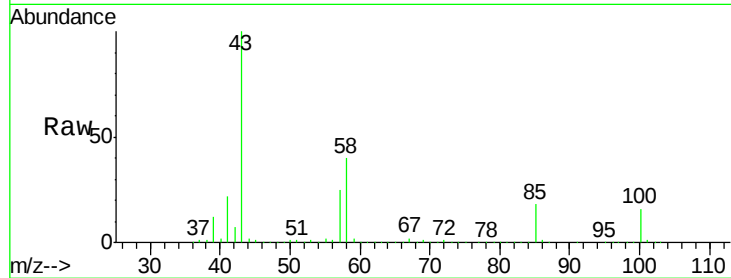
58 40.4 28.6 42.8

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#52

Toluene

Concen: 46.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003370.D

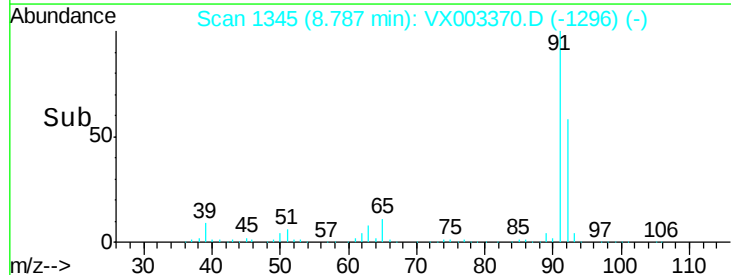
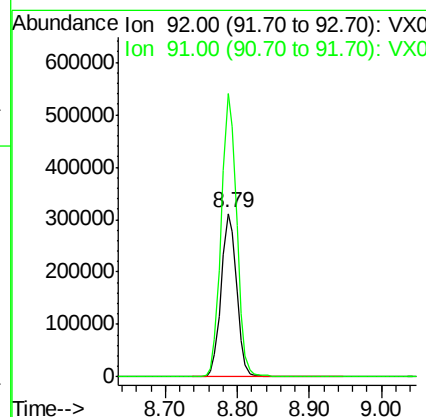
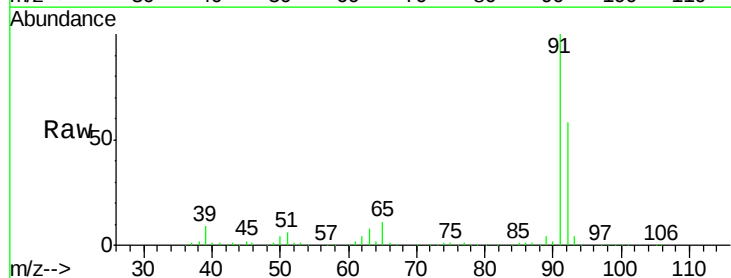
Acq: 13 Jul 2018 18:55

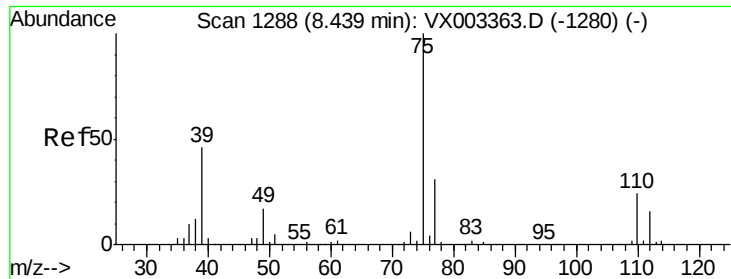
Tgt Ion: 92 Resp: 464727

Ion Ratio Lower Upper

92 100

91 173.0 140.4 210.6





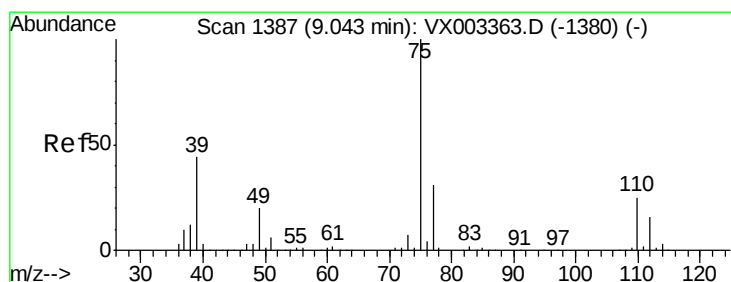
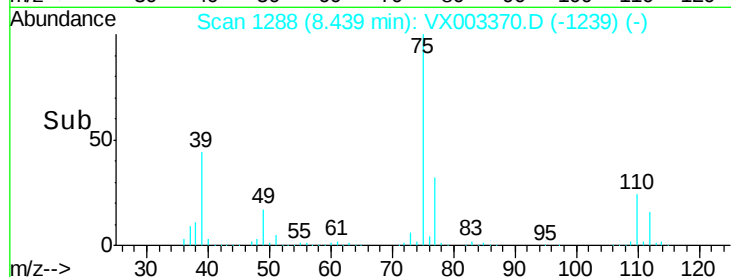
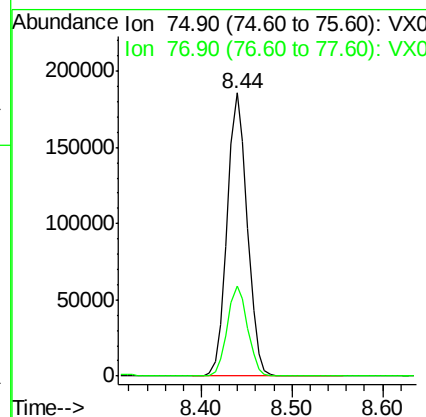
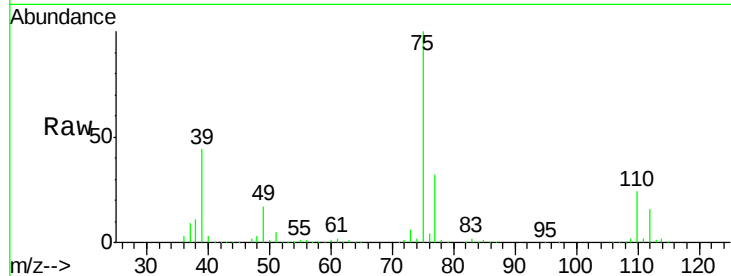
#53
t-1,3-Dichloropropene
Concen: 47.84 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 287063
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

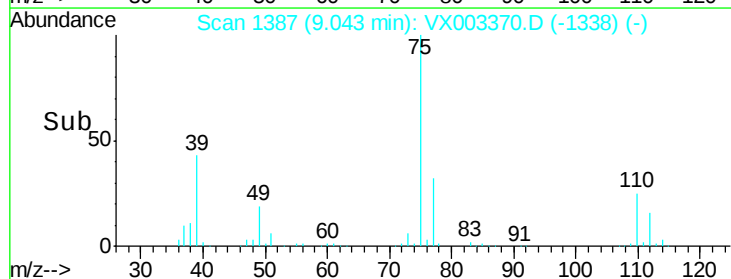
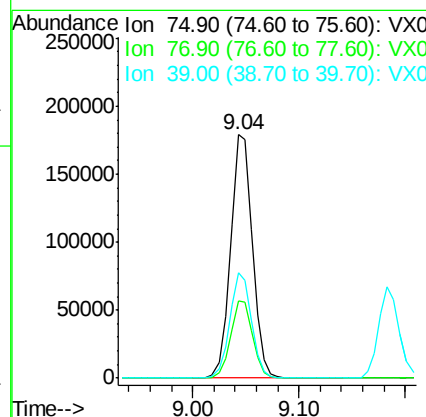
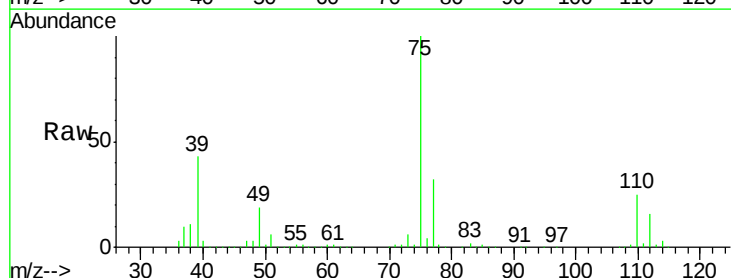
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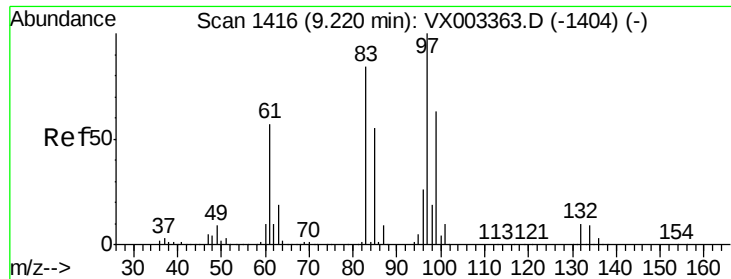
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#54
cis-1,3-Dichloropropene
Concen: 47.13 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 75 Resp: 258312
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 43.1 42.4 63.6





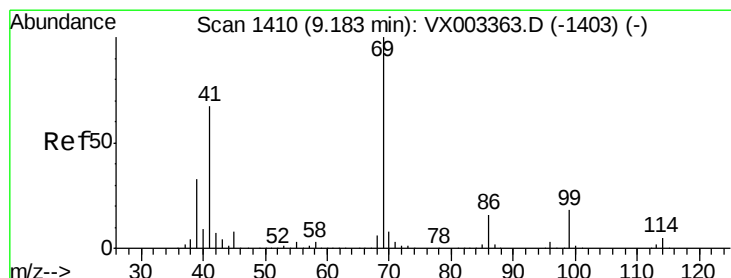
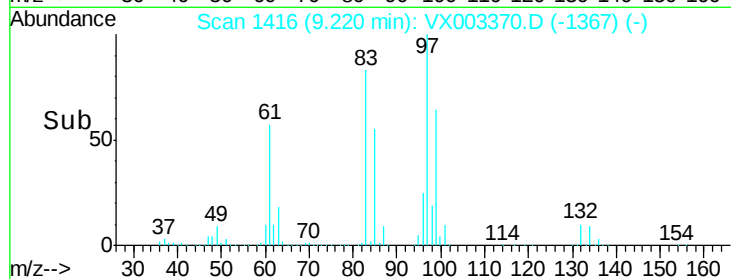
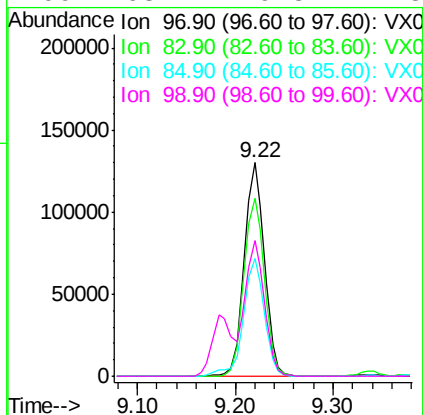
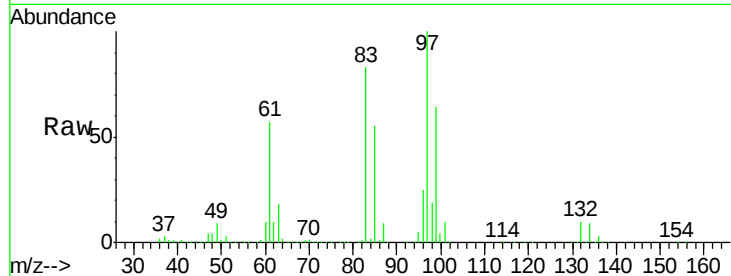
#55
 1,1,2-Trichloroethane
 Concen: 44.40 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	186561
Ion Ratio	Lower	Upper	
97	100		
83	83.4	70.2	105.2
85	54.9	44.9	67.3
99	63.7	49.8	74.8

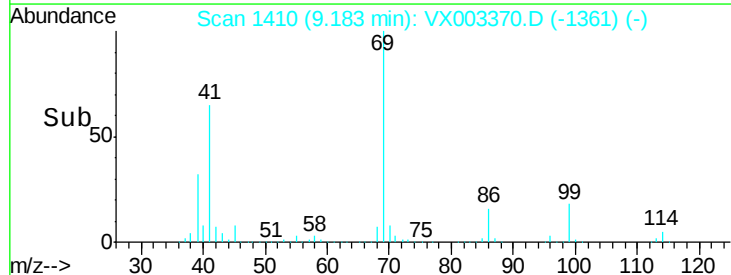
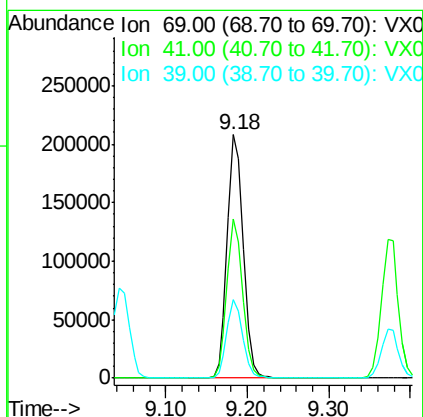
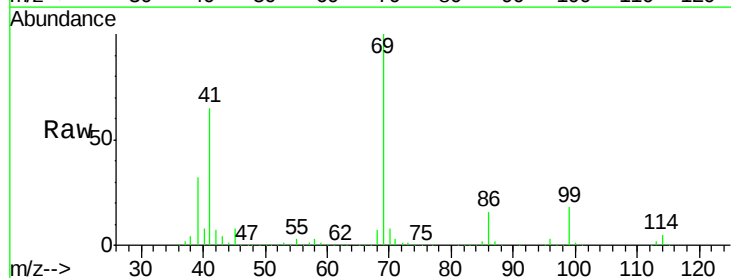
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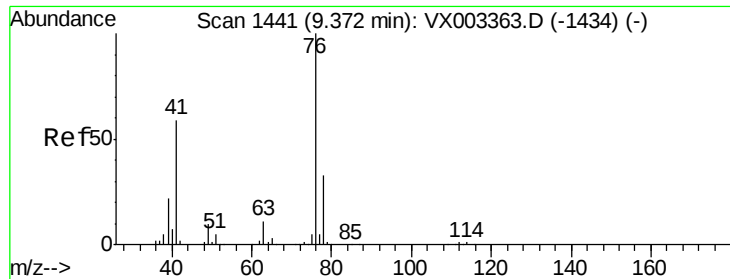
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#56
 Ethyl methacrylate
 Concen: 47.00 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion:	69	Resp:	282078
Ion Ratio	Lower	Upper	
69	100		
41	64.2	60.3	90.5
39	32.1	35.8	53.8#





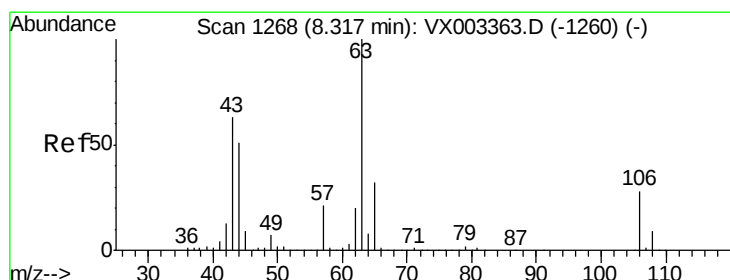
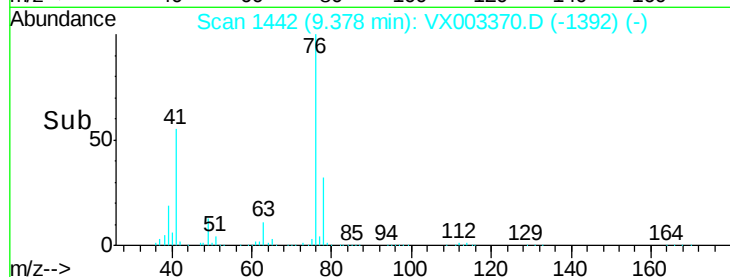
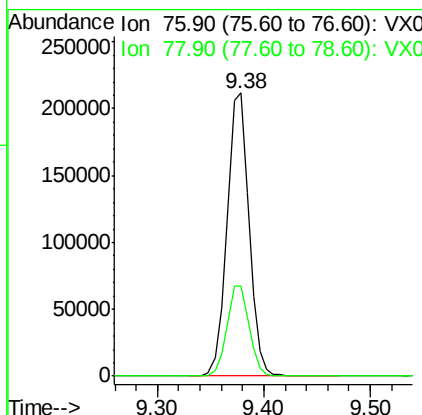
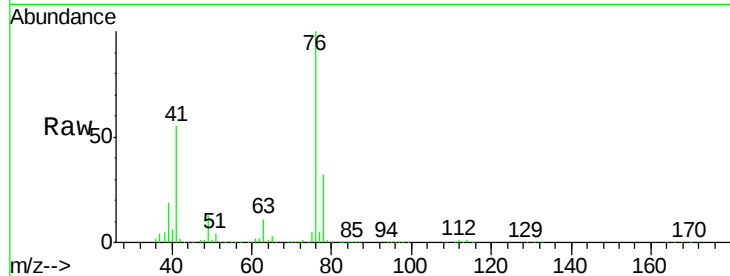
#57
 1,3-Dichloropropane
 Concen: 45.07 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 306970
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6

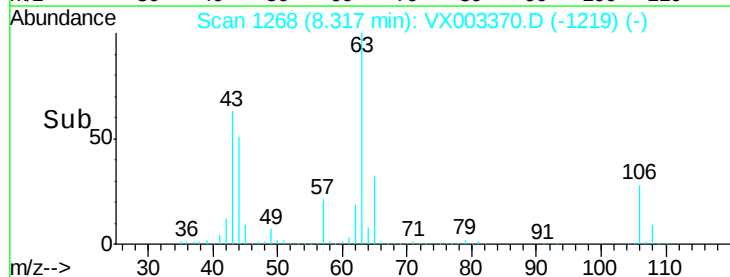
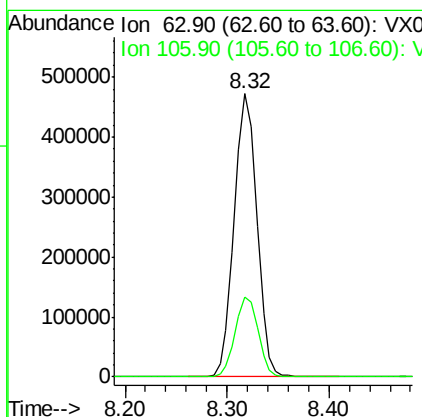
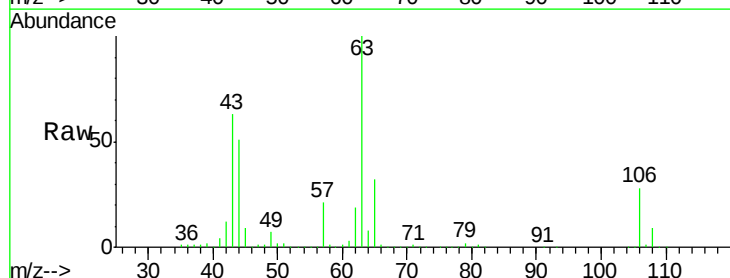
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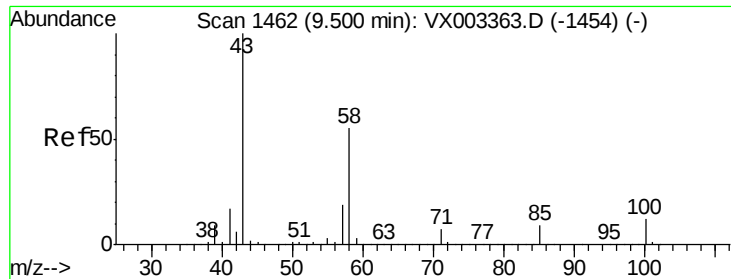
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.20 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion: 63 Resp: 726803
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8





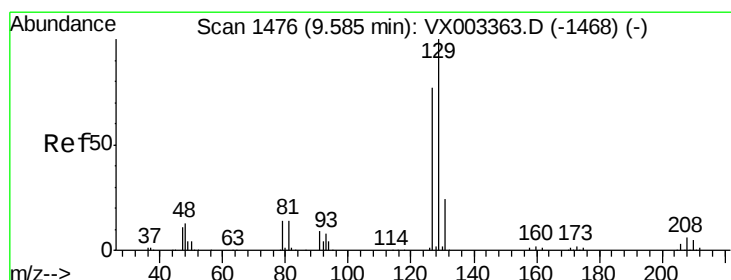
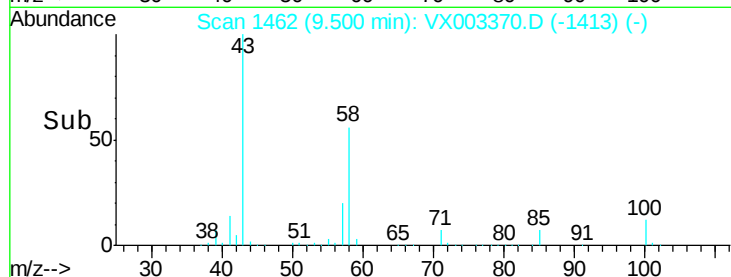
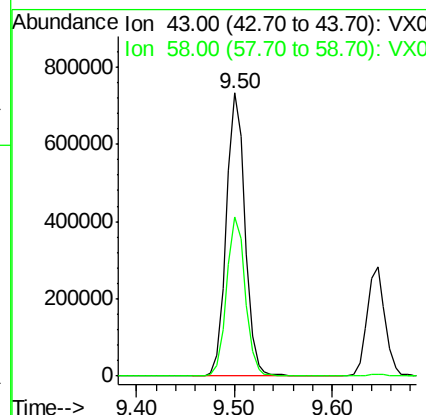
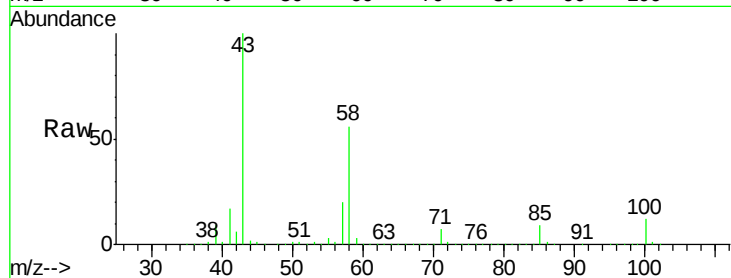
#59
2-Hexanone
Concen: 231.38 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 971726
Ion Ratio Lower Upper
43 100
58 56.3 24.6 73.6

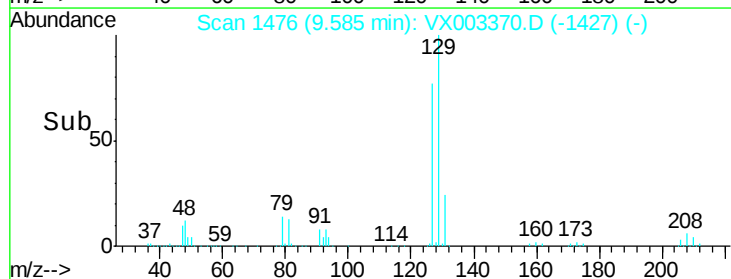
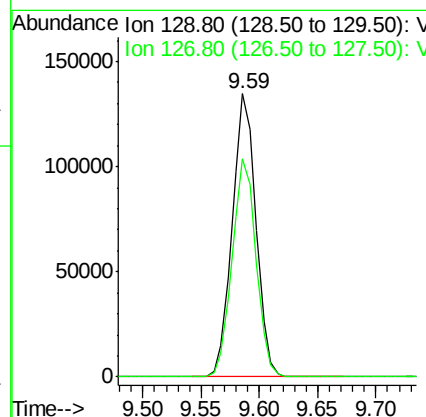
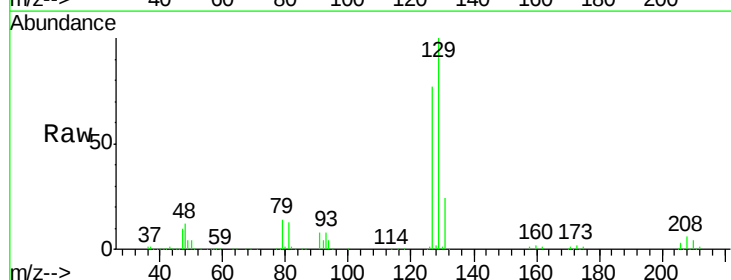
Manual Integrations
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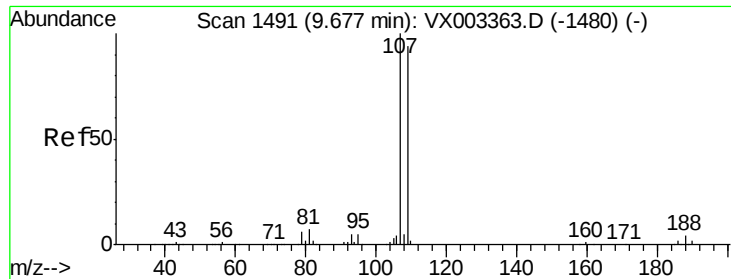
MMDadoda
7/16/2018 11:24:45 AM



#60
Dibromochloromethane
Concen: 46.71 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 129 Resp: 190502
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 46.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 195469

Ion Ratio Lower Upper

107 100

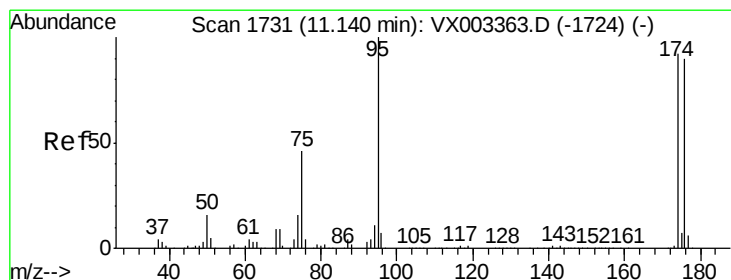
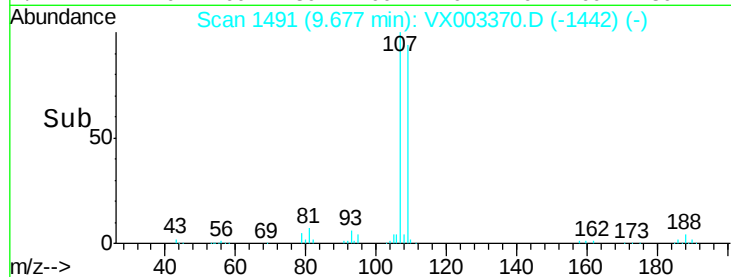
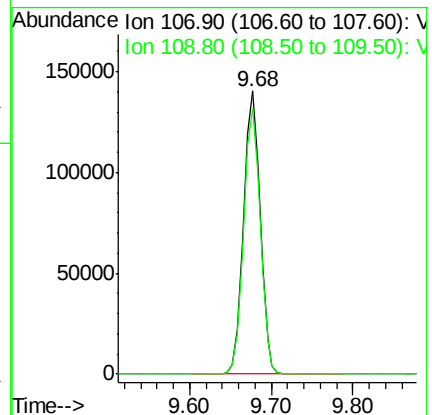
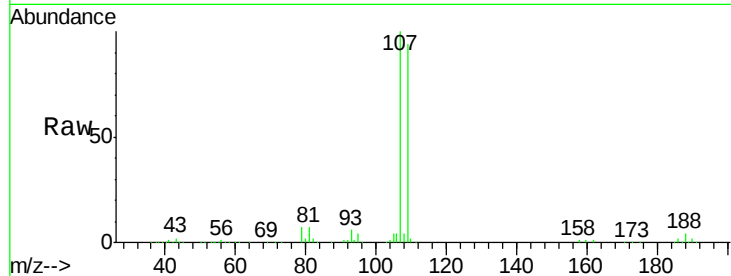
109 94.4 75.3 112.9

Manual Integrations

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MMDadoda

7/16/2018 11:24:45 AM



#62

4-Bromofluorobenzene

Concen: 44.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

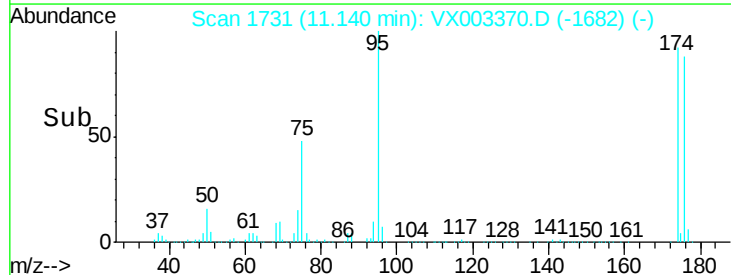
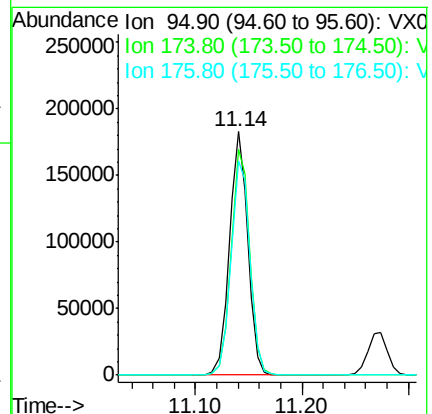
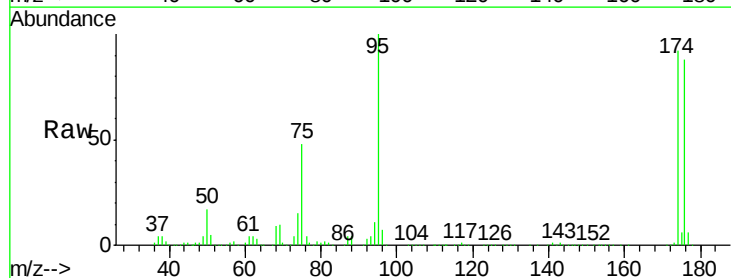
Tgt Ion: 95 Resp: 219933

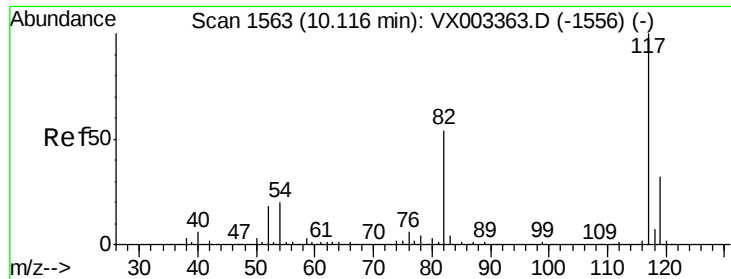
Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

176 91.2 0.0 181.0





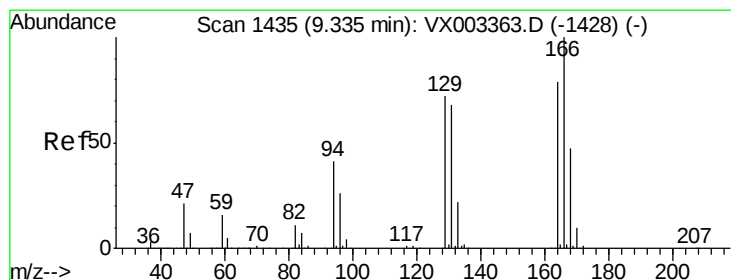
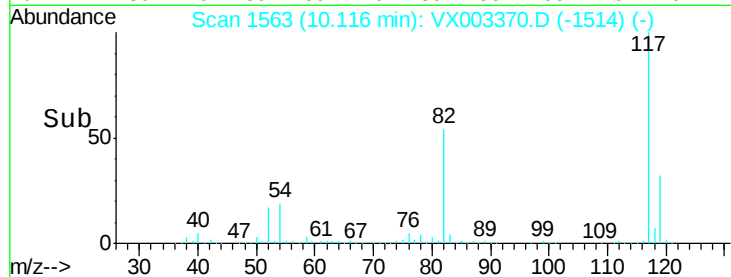
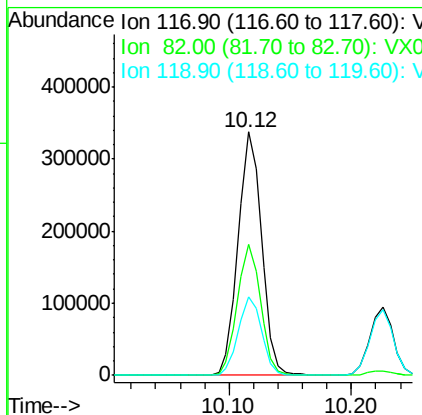
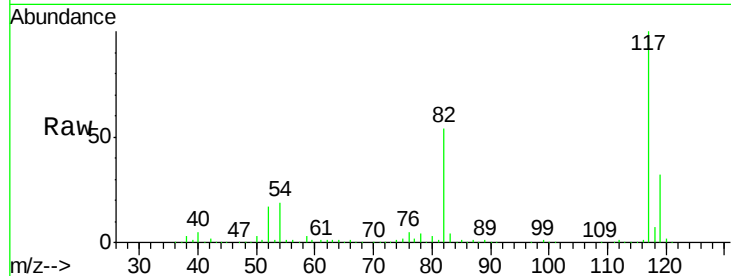
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	32.5	25.8	38.6

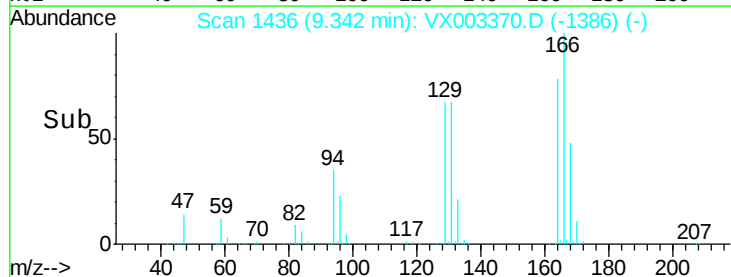
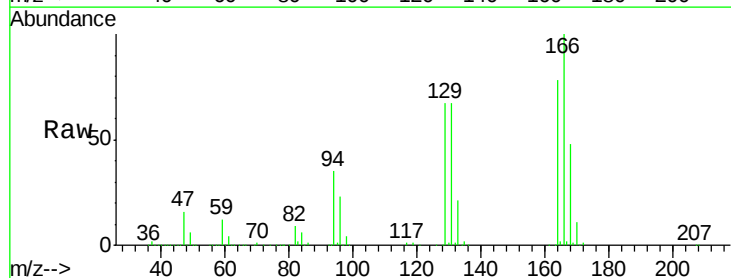
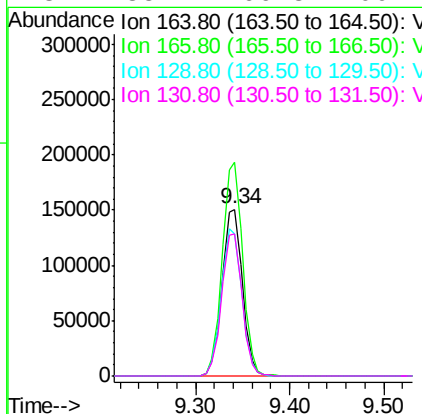
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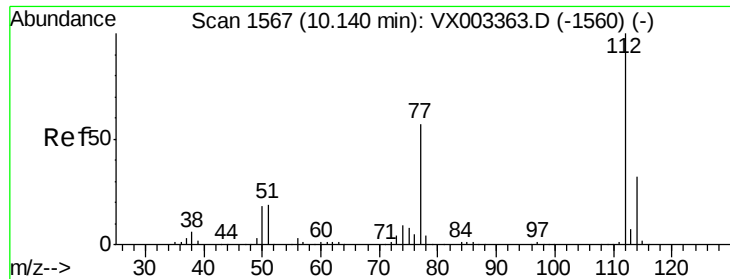
MMDadoda
7/16/2018 11:24:45 AM



#64
Tetrachloroethene
Concen: 46.32 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.9	154.3
129	85.4	68.6	102.8
131	85.2	66.8	100.2





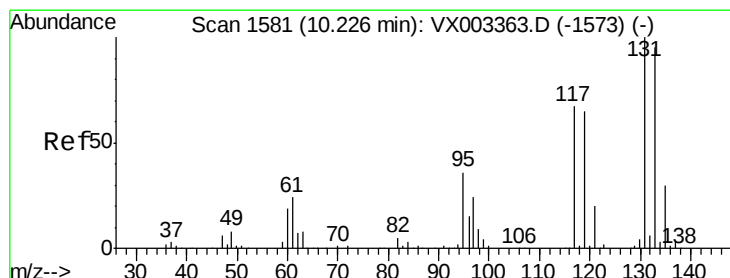
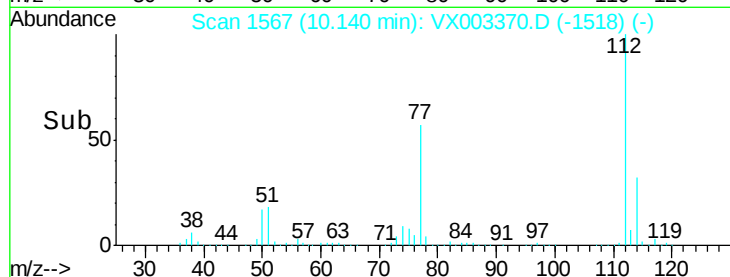
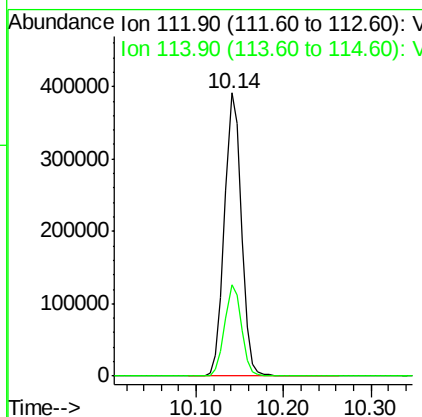
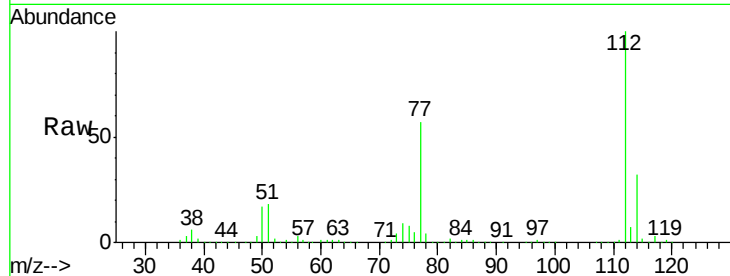
#65
Chlorobenzene
Concen: 45.25 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 523402
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

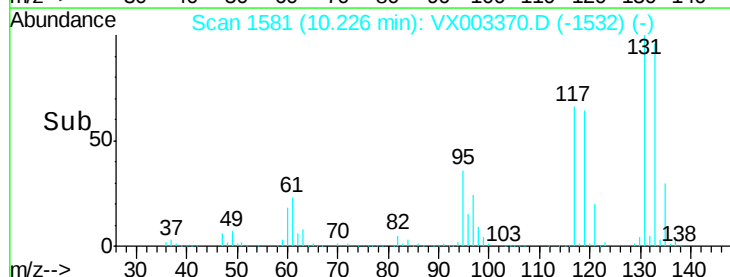
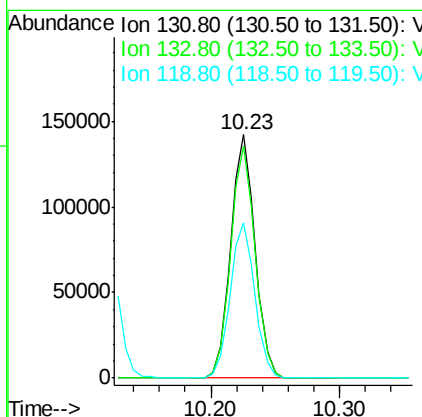
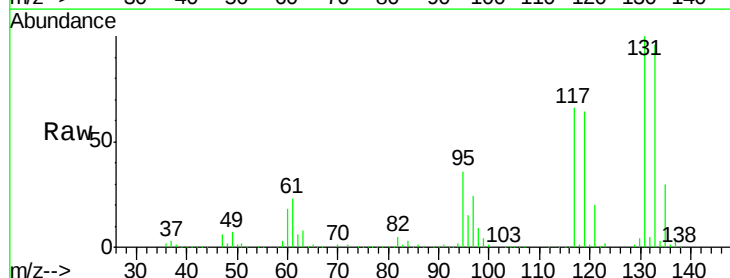
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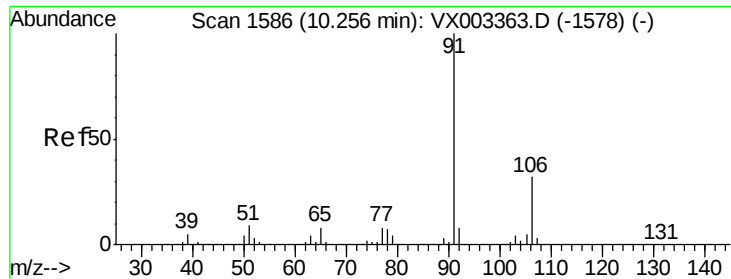
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion:131 Resp: 187632
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 64.7 31.8 95.3





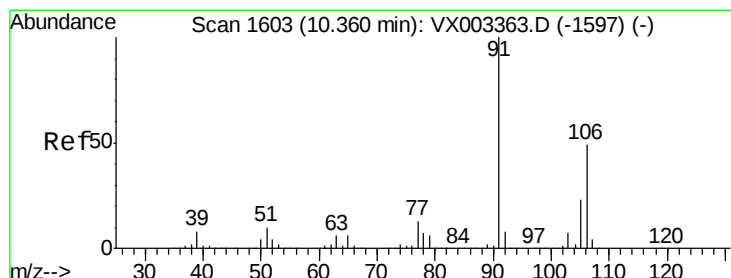
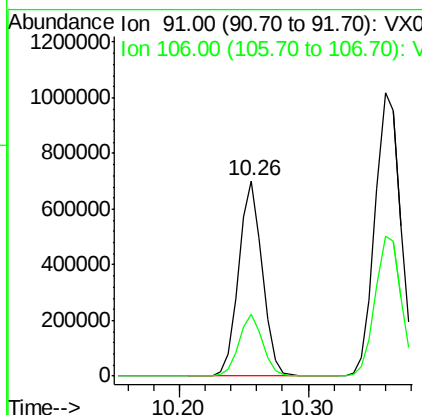
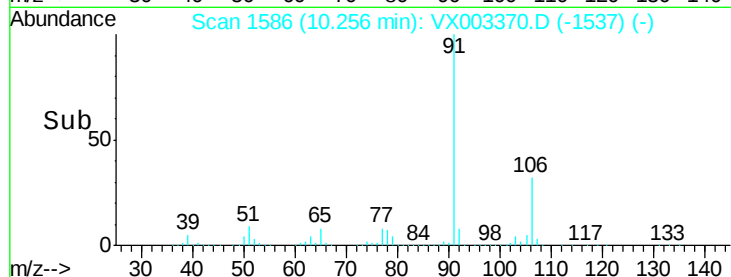
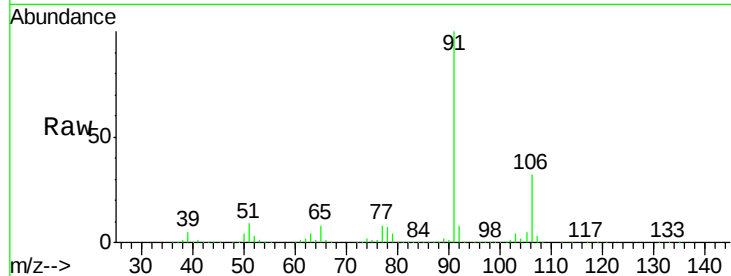
#67
Ethyl Benzene
Concen: 47.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 888757
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

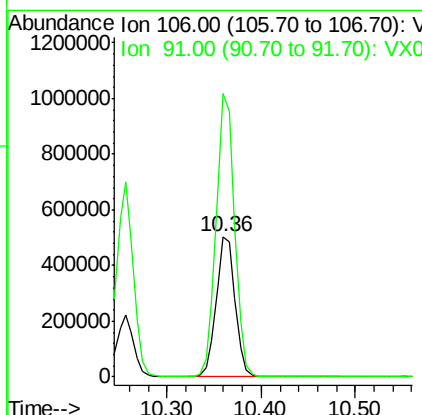
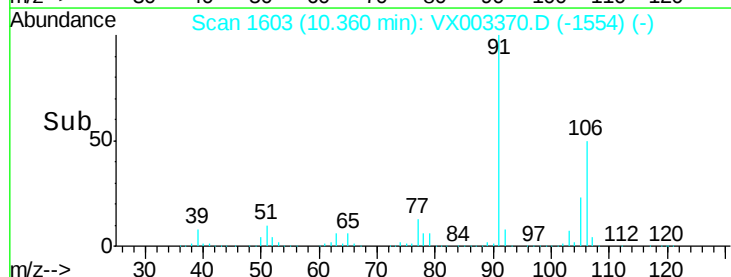
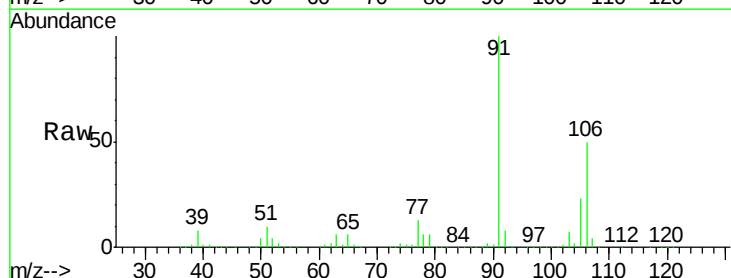
Manual Integrations
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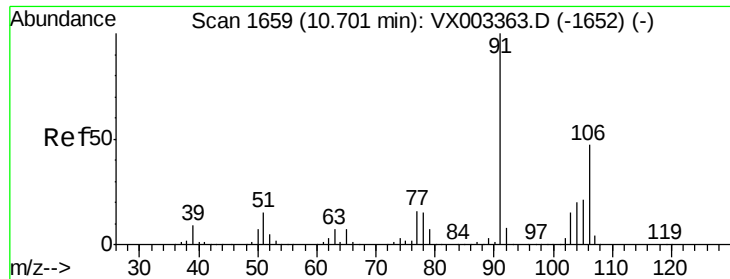
MMDadoda
7/16/2018 11:24:45 AM



#68
m/p-Xylenes
Concen: 95.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 106 Resp: 695406
Ion Ratio Lower Upper
106 100
91 199.8 163.4 245.2





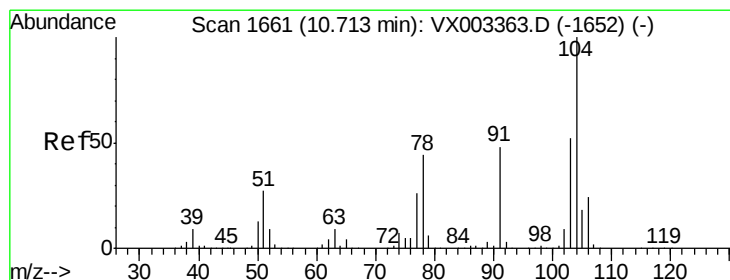
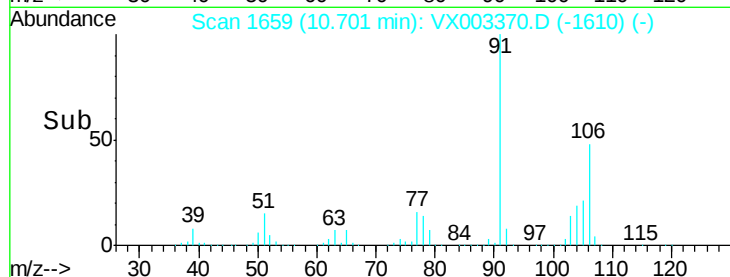
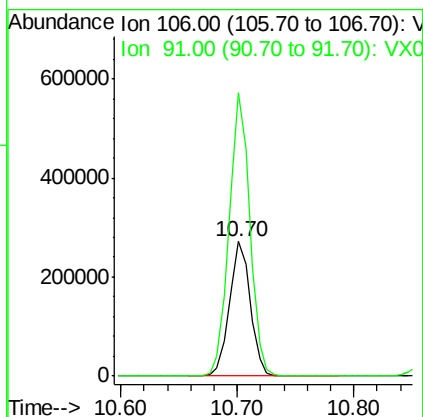
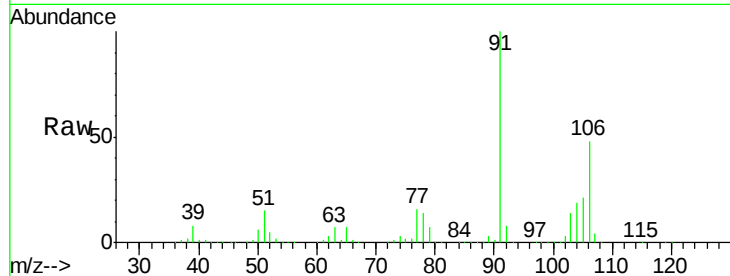
#69
o-Xylene
Concen: 47.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.1	108.2	324.6	

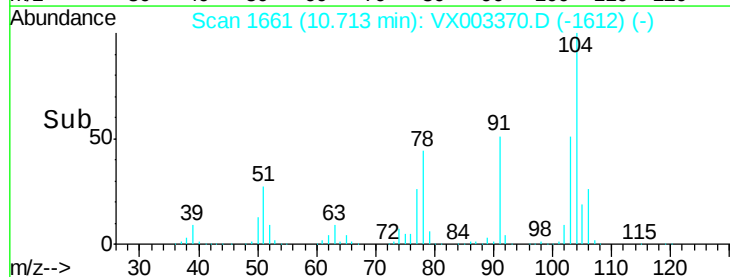
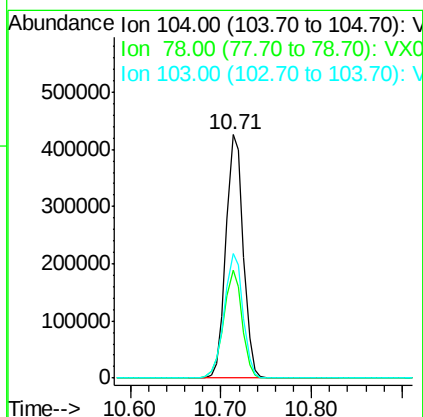
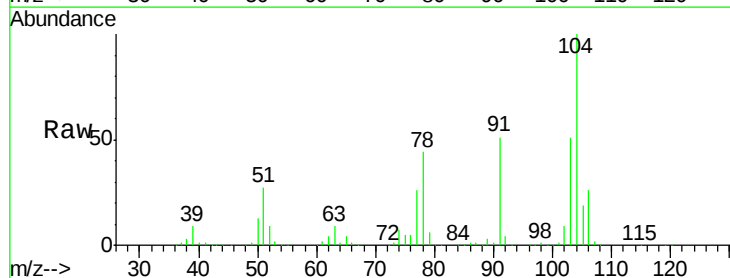
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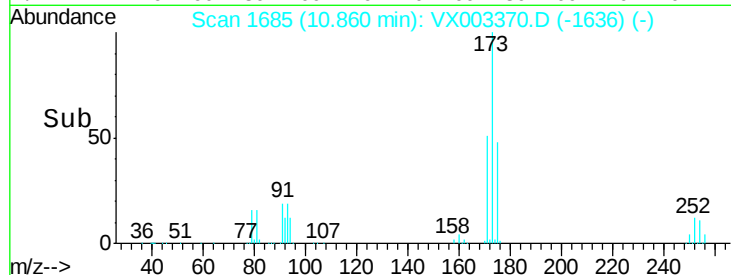
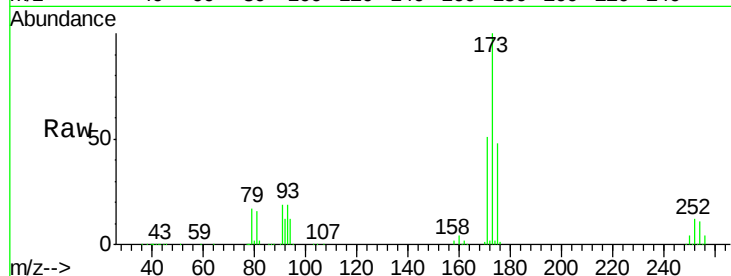
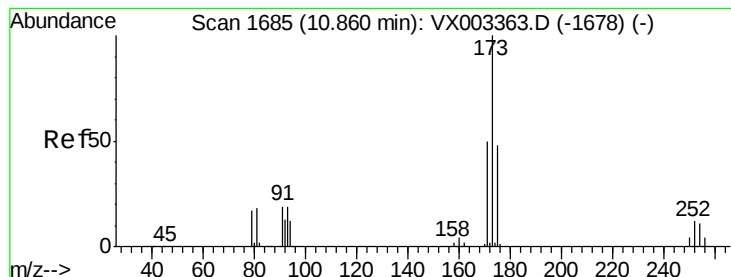
MMDadoda
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#70
Styrene
Concen: 47.65 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.5	41.0	61.6	
103	55.2	44.2	66.4	





#71

Bromoform

Concen: 47.42 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tot Ion:	173	Resp:	148498
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

Instrument :

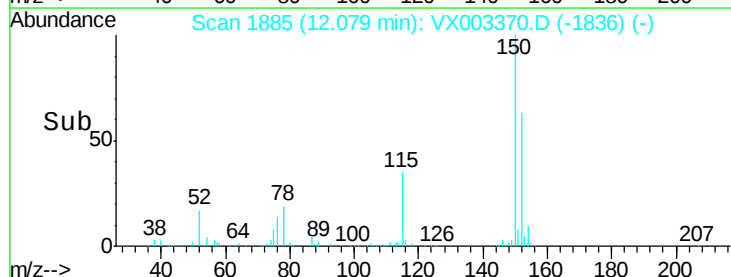
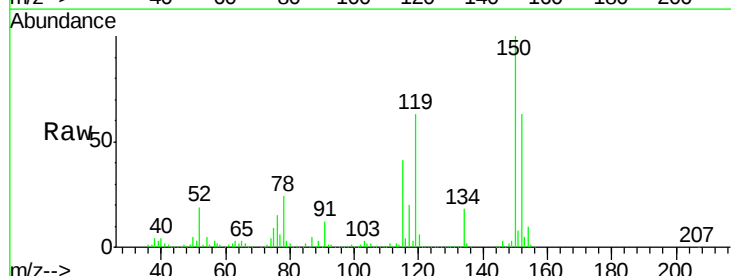
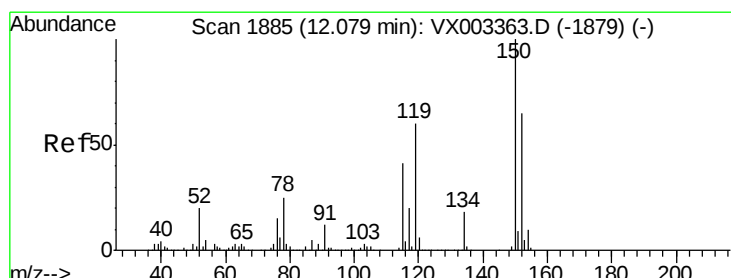
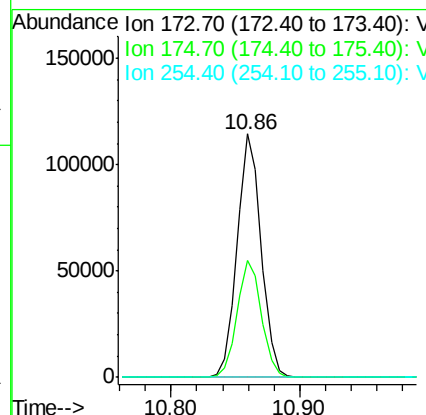
MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

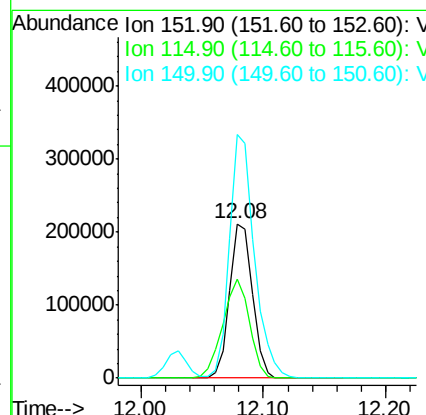
RT: 12.08 min Scan# 1885

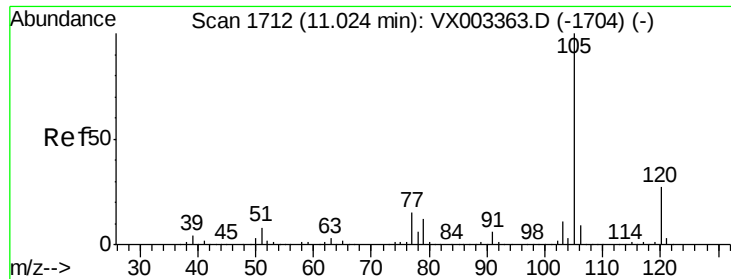
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	152	Resp:	270762
Ion Ratio	Lower	Upper	
152	100		
115	76.1	40.1	120.2
150	172.7	0.0	347.2





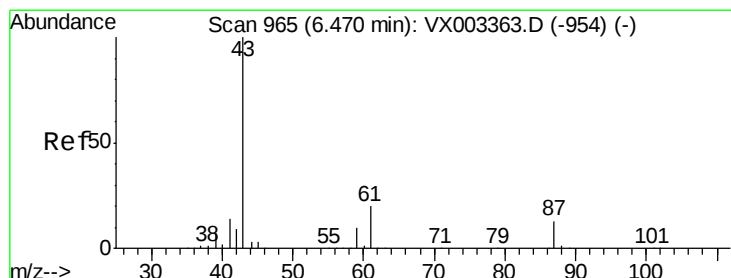
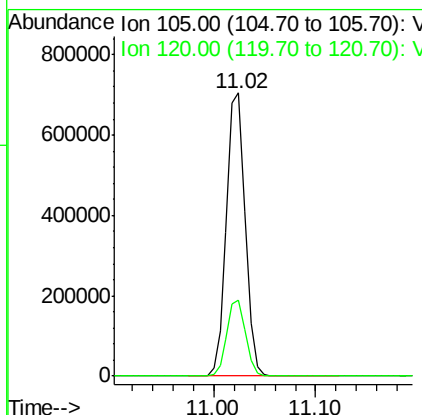
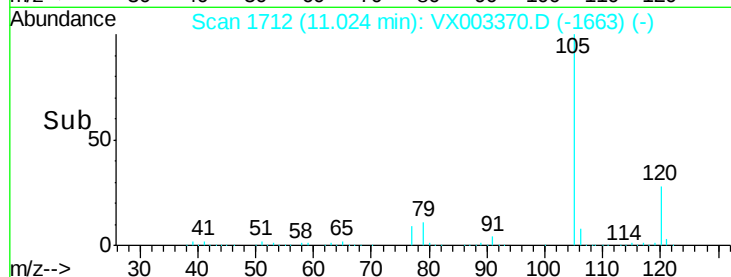
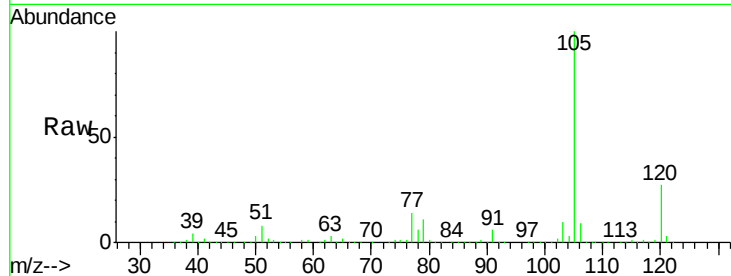
#73
Isopropylbenzene
Concen: 47.94 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 897508
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

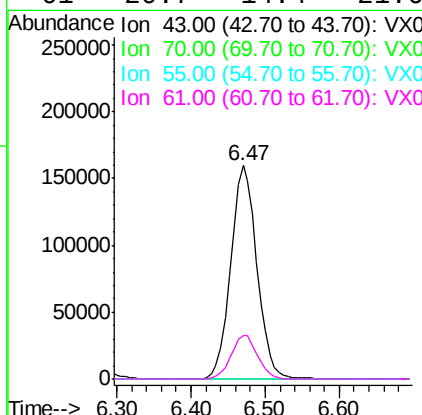
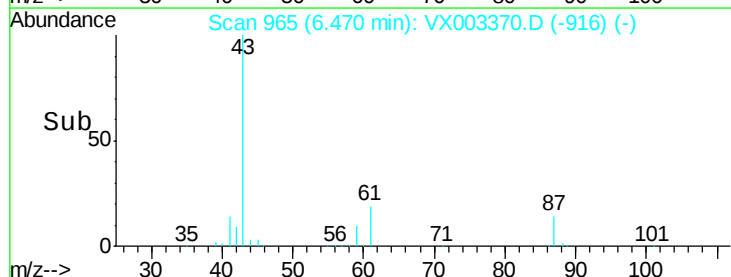
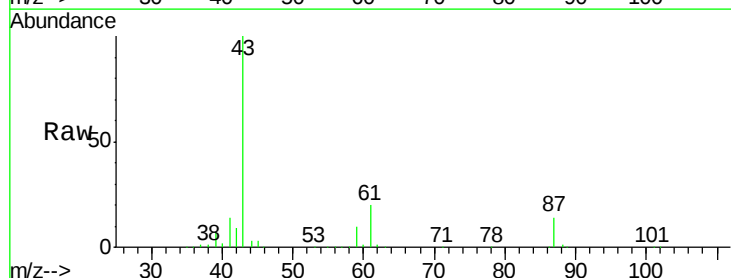
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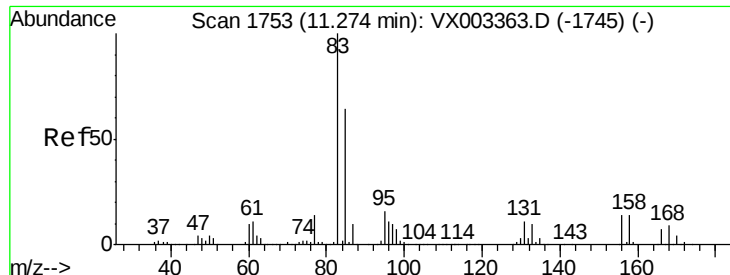
MMDadoda
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#74
N-ethyl acetate
Concen: 45.09 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 43 Resp: 391284
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 20.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.37 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 271162

Ion Ratio Lower Upper

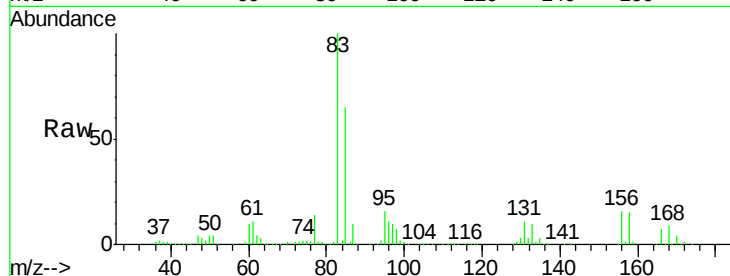
83 100

131 10.6 5.6 16.8

85 64.8 32.4 97.2

Manual Integrations
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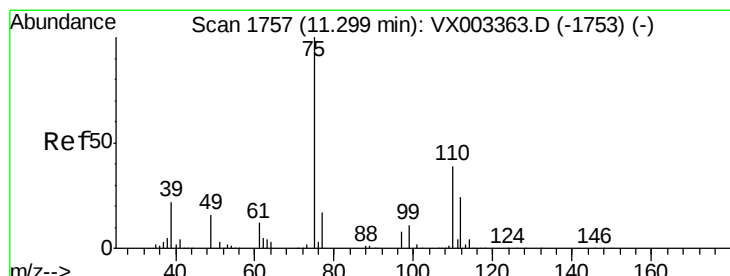
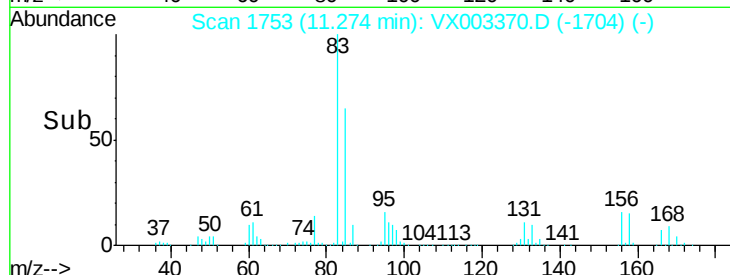
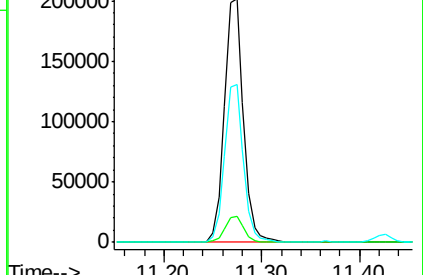
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.37 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003370.D

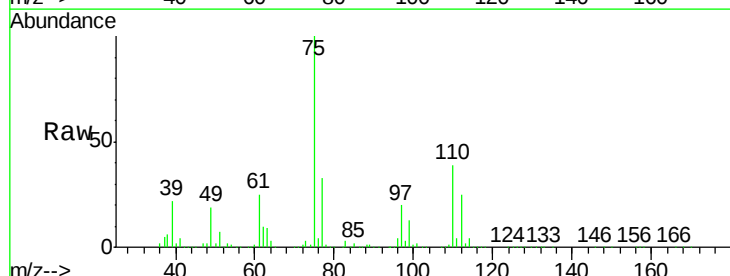
Acq: 13 Jul 2018 18:55

Tgt Ion: 75 Resp: 274767

Ion Ratio Lower Upper

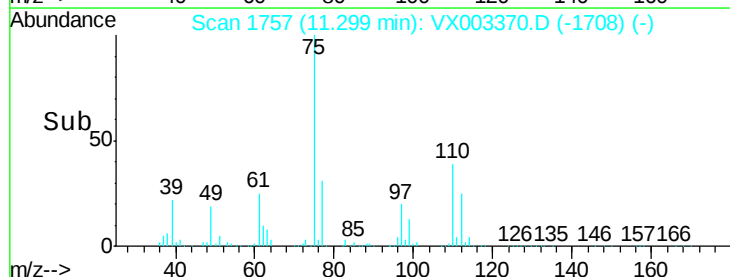
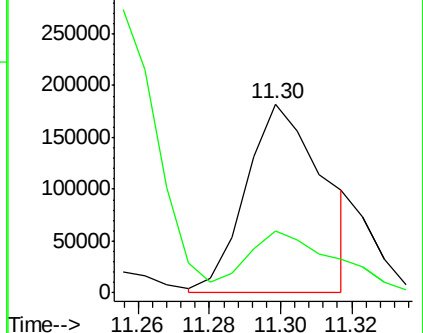
75 100

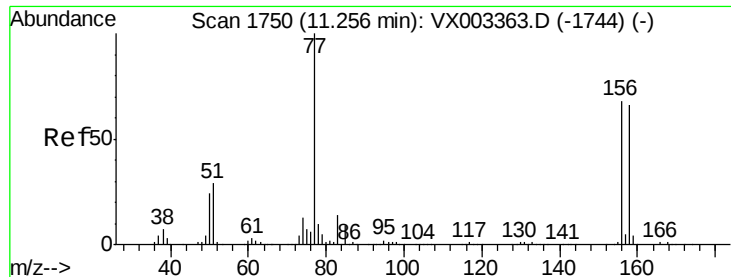
77 37.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

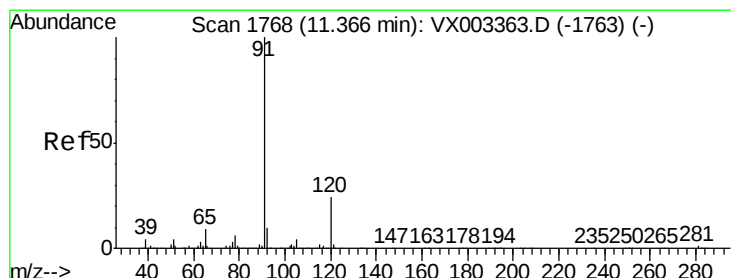
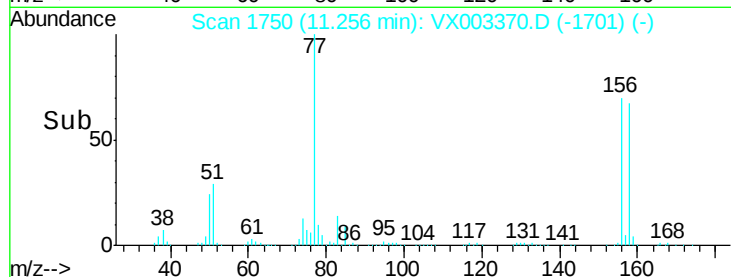
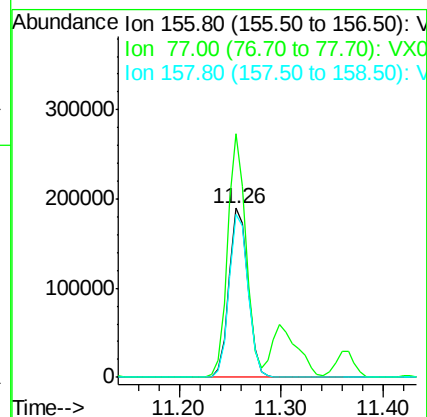
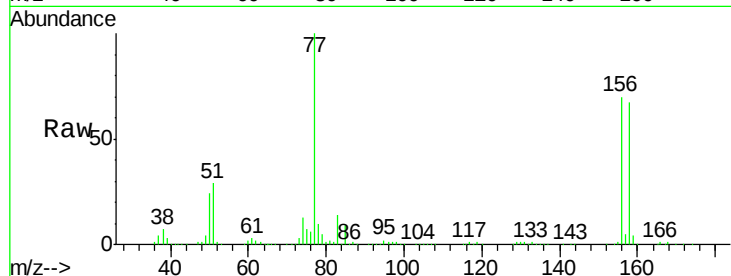
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	243881
Ion Ratio	Lower	Upper	
156	100		
77	139.8	71.4	214.2
158	96.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.04 ug/l

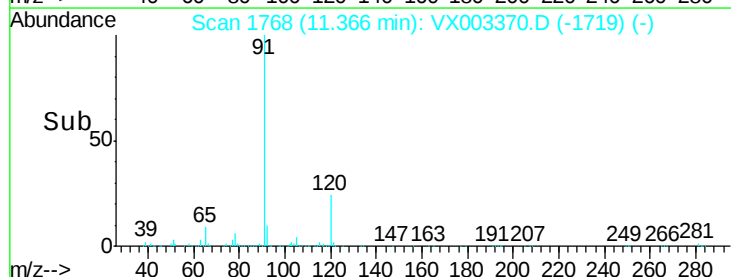
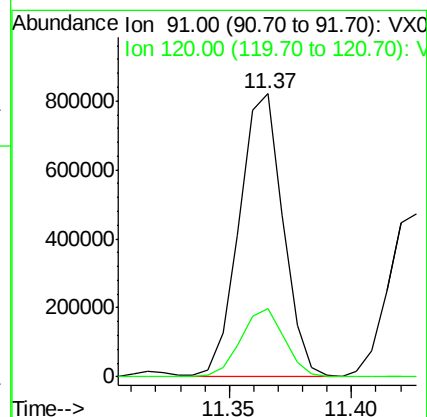
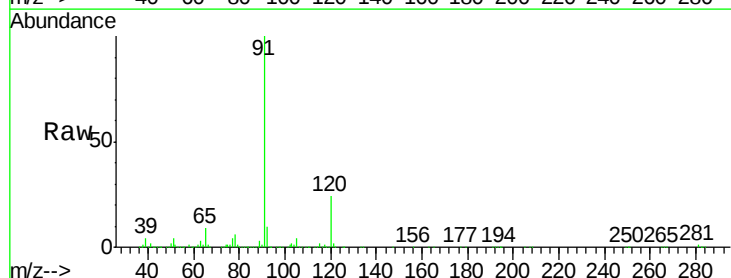
RT: 11.37 min Scan# 1768

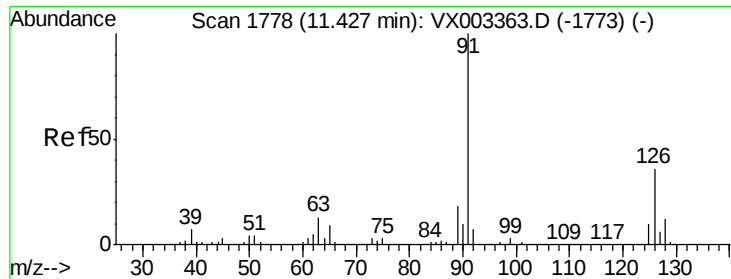
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	91	Resp:	1016600
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 46.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 602910

Ion Ratio Lower Upper

91 100

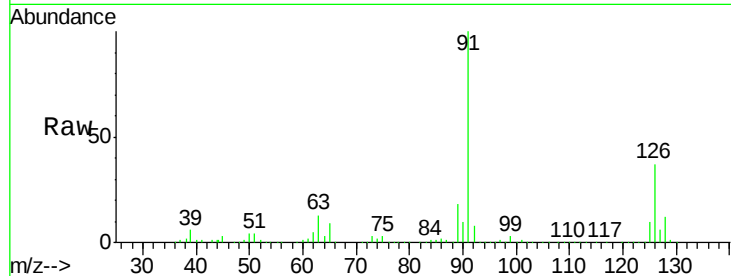
126 36.1 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX003363.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003363.D (-1773) (-)

800000

600000

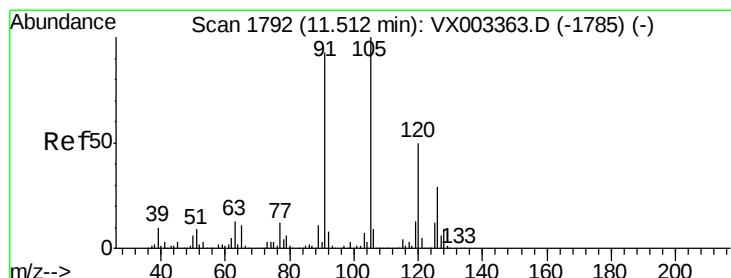
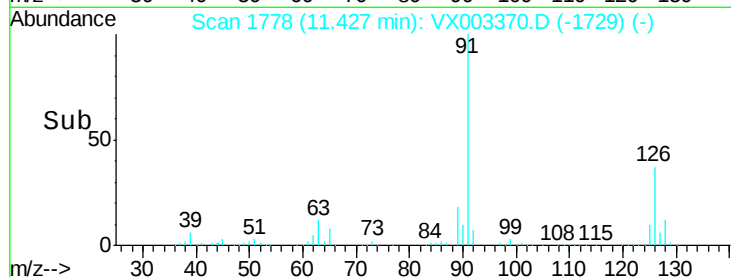
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003370.D

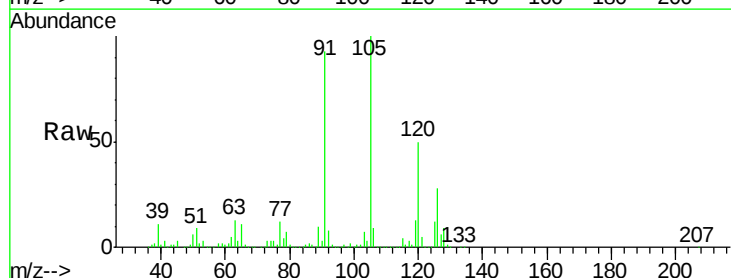
Acq: 13 Jul 2018 18:55

Tgt Ion: 105 Resp: 746040

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003363.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003363.D (-1785) (-)

600000

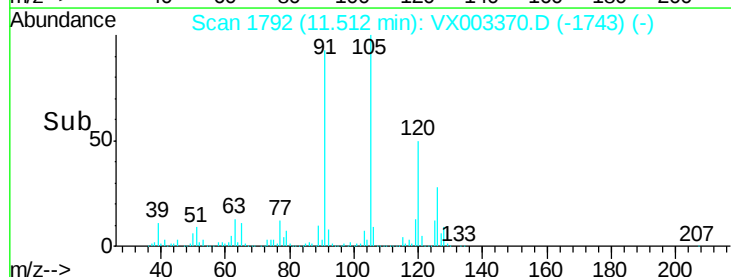
400000

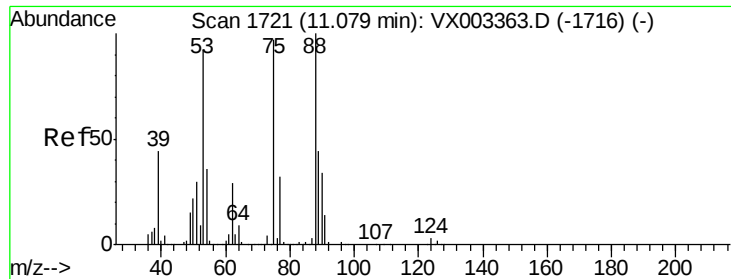
200000

0

11.50 11.60

Time-->





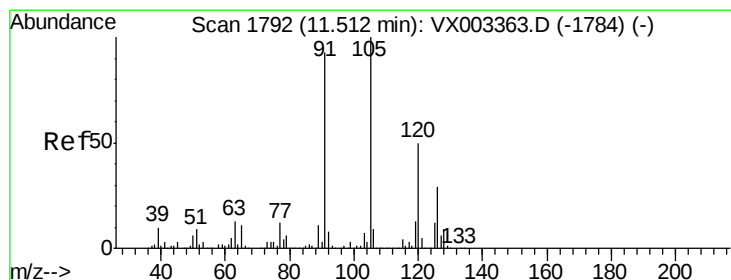
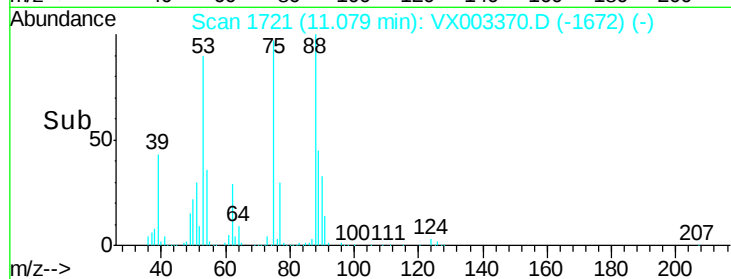
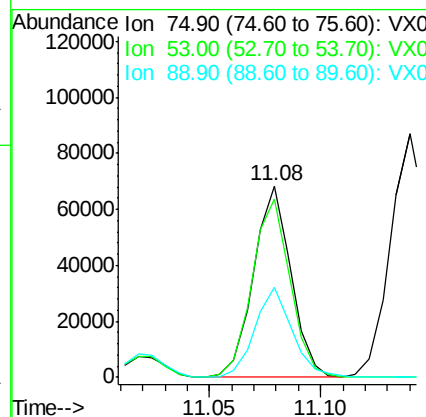
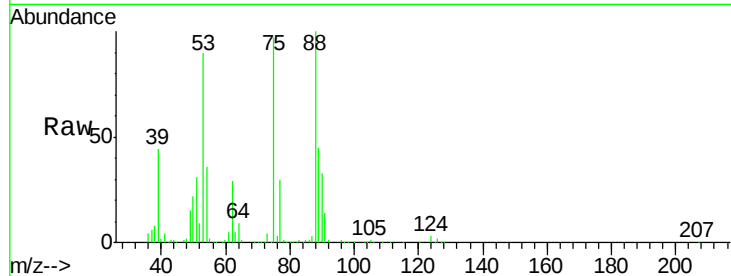
#81
trans-1,4-Dichloro-2-butene
Concen: 49.64 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.7	86.8	130.2
89	47.1	38.2	57.2

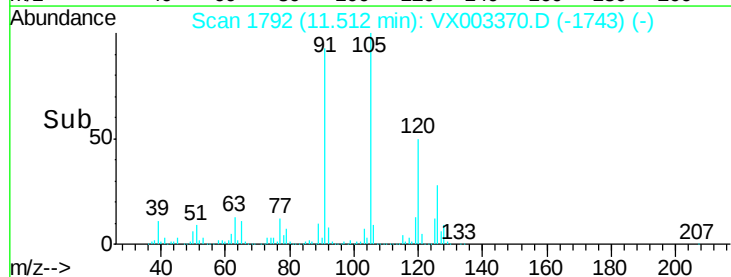
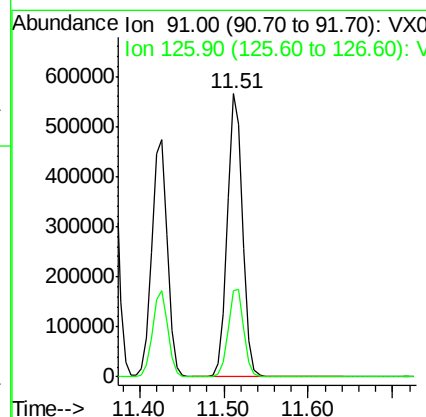
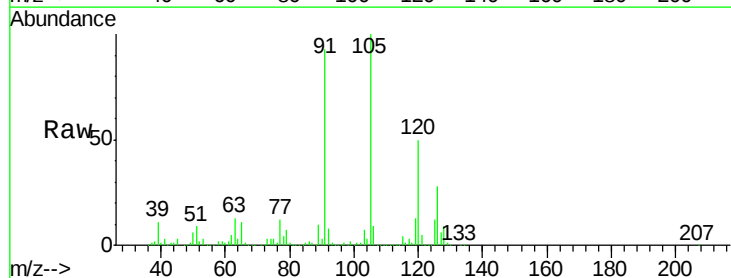
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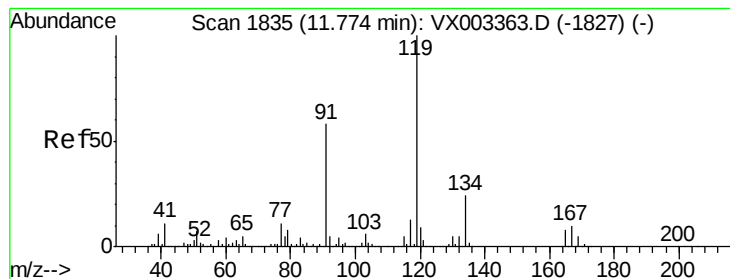
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#82
4-Chlorotoluene
Concen: 46.55 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.4





#83

tert-Butylbenzene

Concen: 47.07 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

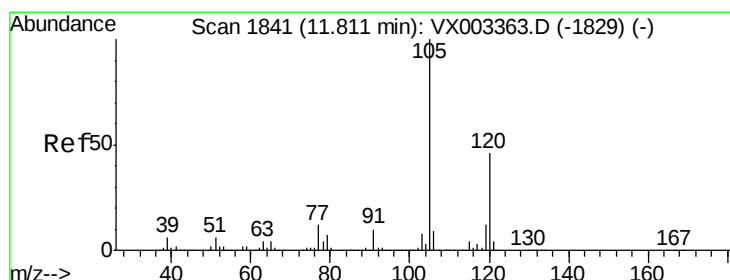
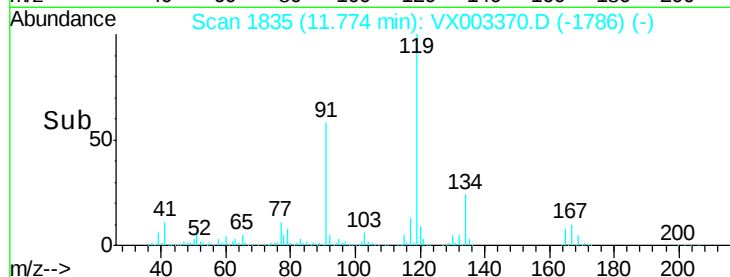
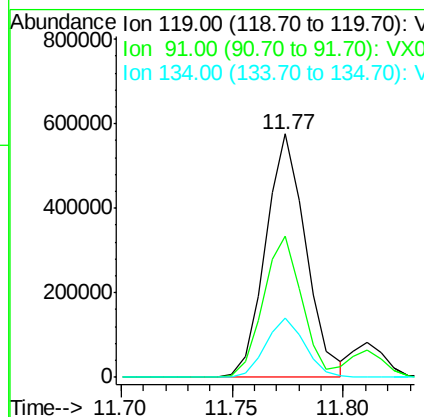
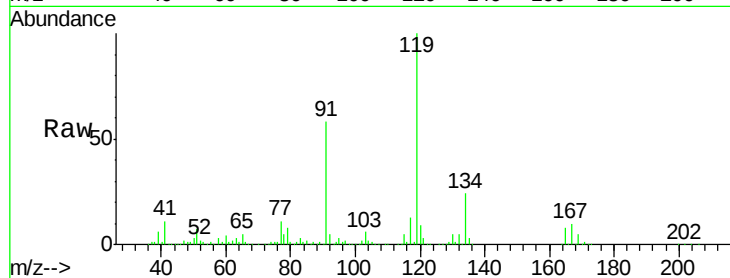
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	723054
Ion Ratio	Lower	Upper	
119	100		
91	56.7	30.3	90.9
134	23.6	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 48.53 ug/l

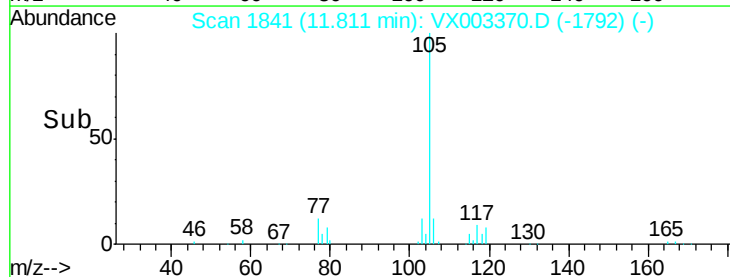
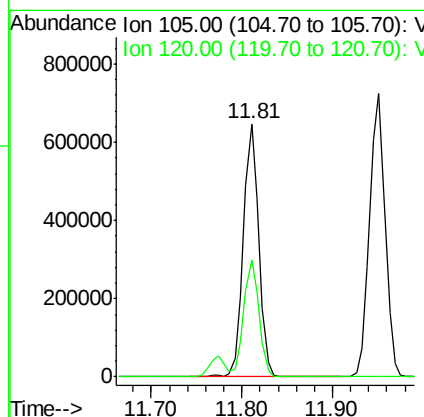
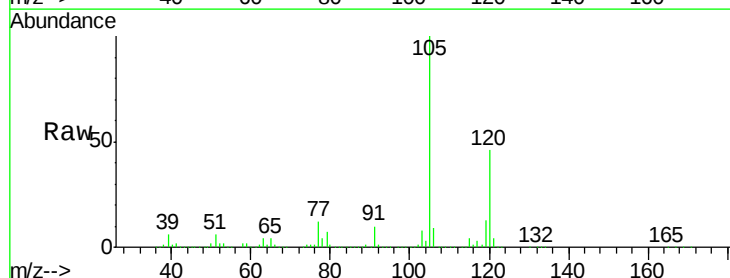
RT: 11.81 min Scan# 1841

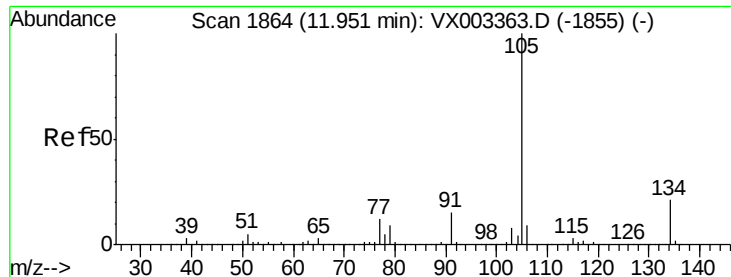
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	105	Resp:	763800
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.3	66.8





#85

sec-Butylbenzene

Concen: 47.39 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 870154

Ion Ratio Lower Upper

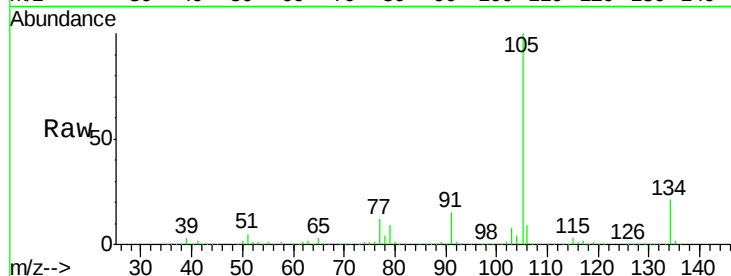
105 100

134 20.9 10.4 31.1

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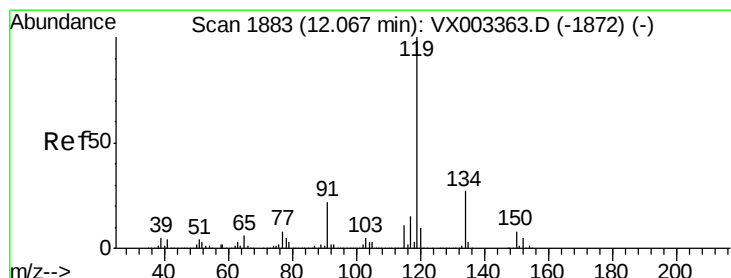
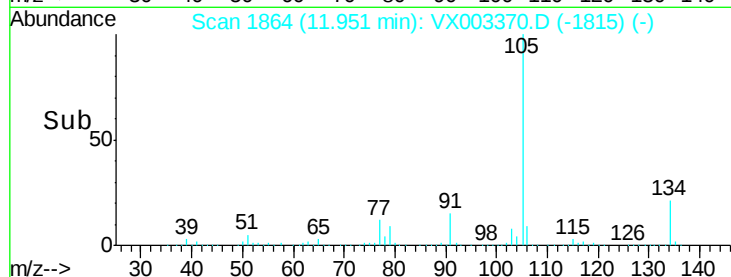
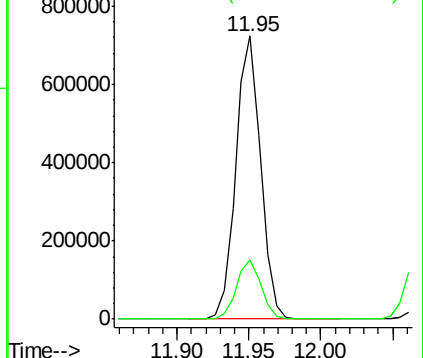
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.91 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

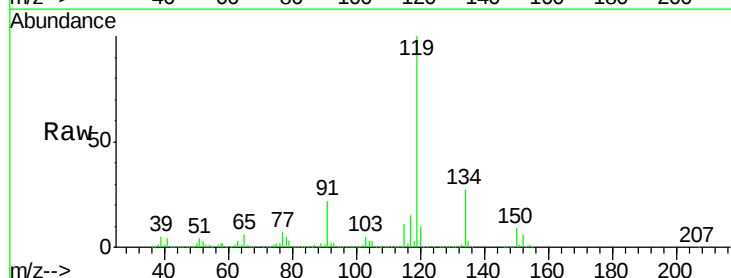
Tgt Ion:119 Resp: 786951

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

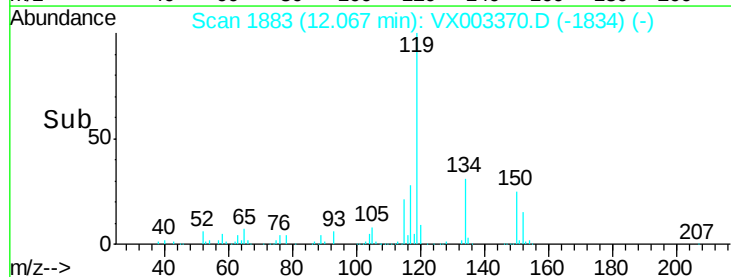
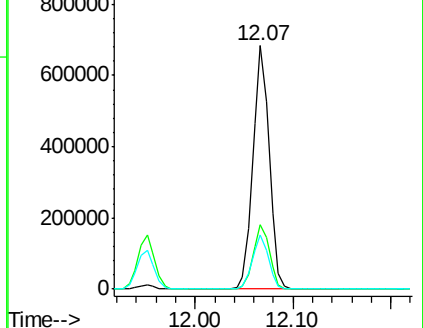
91 22.0 11.9 35.7

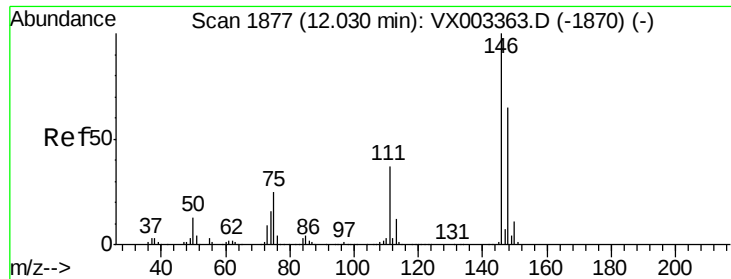


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 44.73 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

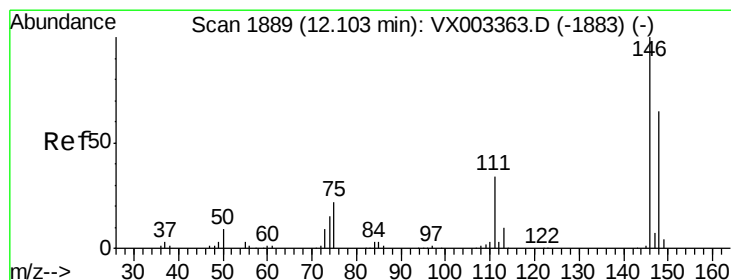
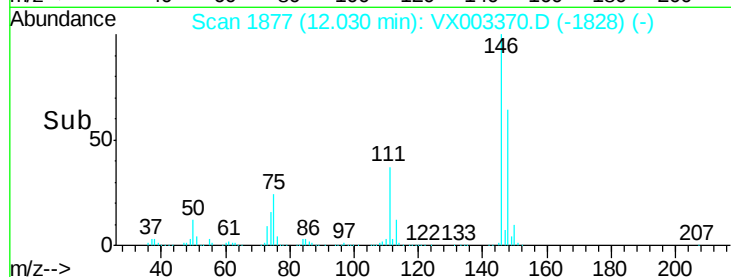
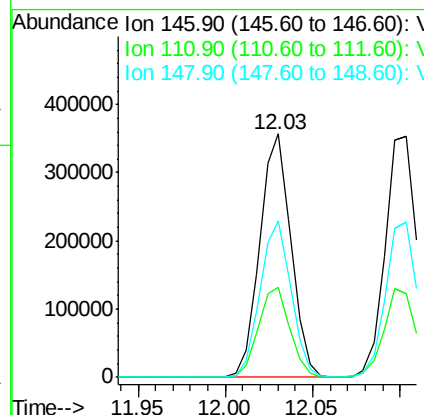
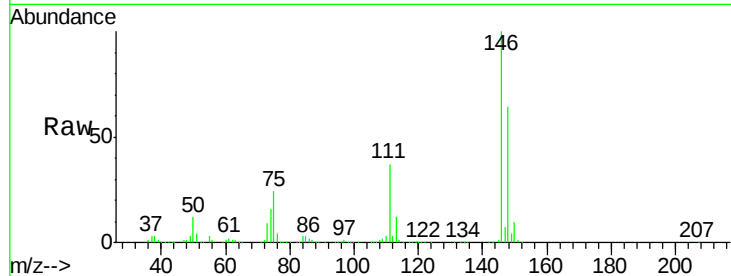
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	441841
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	64.0	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 44.42 ug/l

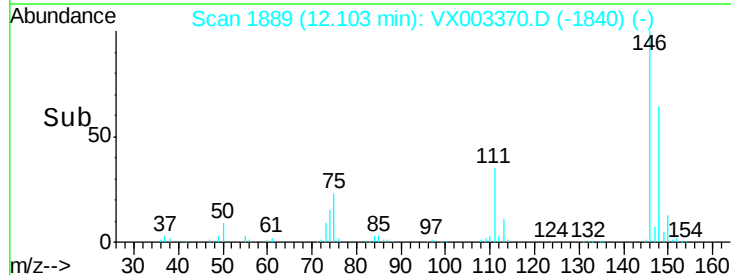
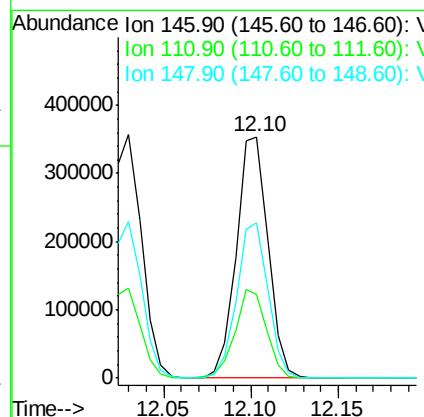
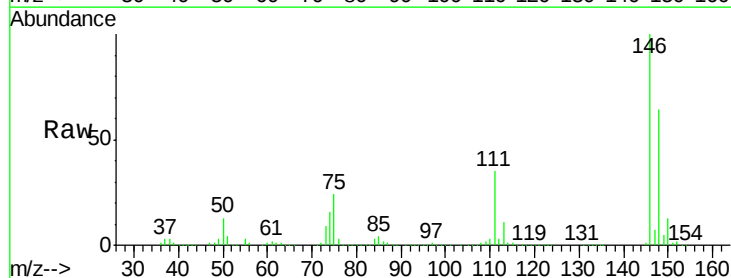
RT: 12.10 min Scan# 1889

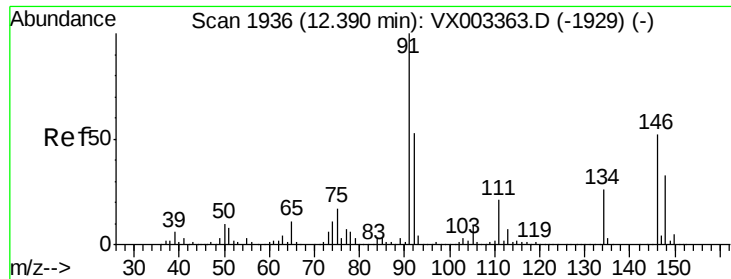
Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	146	Resp:	445414
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.7	56.1
148	63.8	32.4	97.0





#89

n-Butylbenzene

Concen: 47.51 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 667792

Ion Ratio Lower Upper

91 100

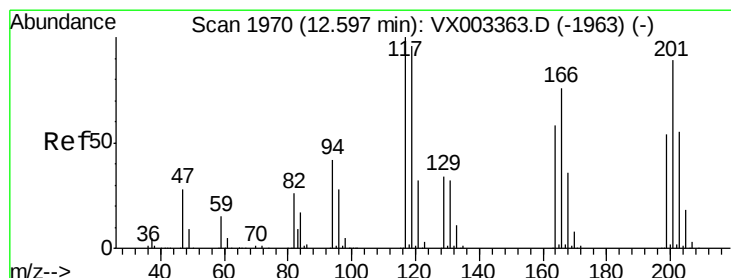
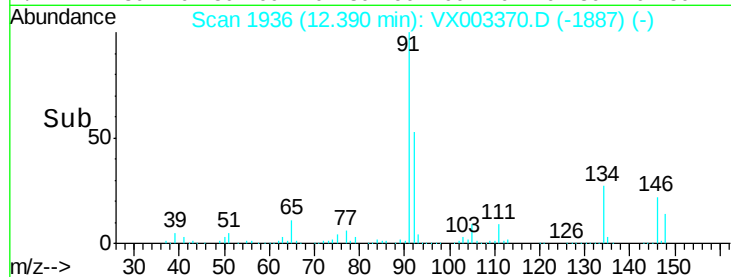
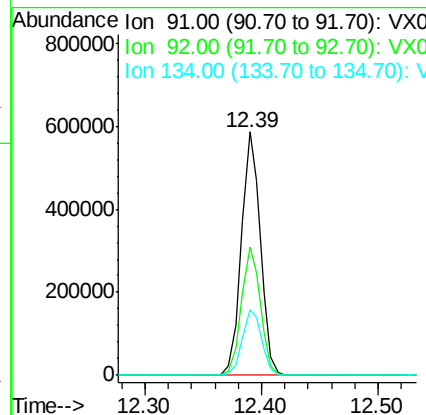
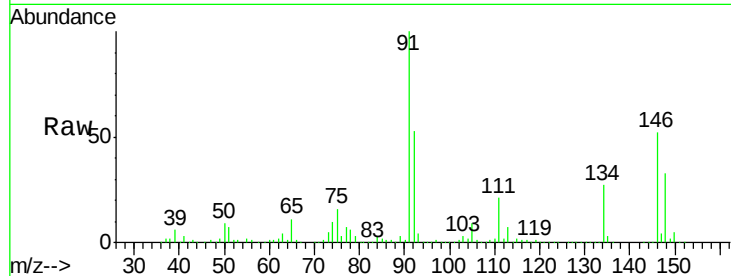
92 52.9 26.0 78.0

134 27.4 13.5 40.5

Manual Integrations
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#90

Hexachloroethane

Concen: 46.84 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003370.D

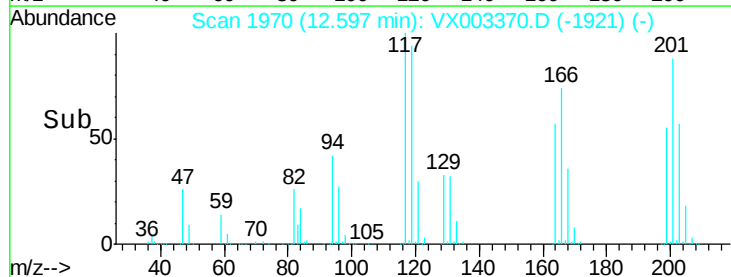
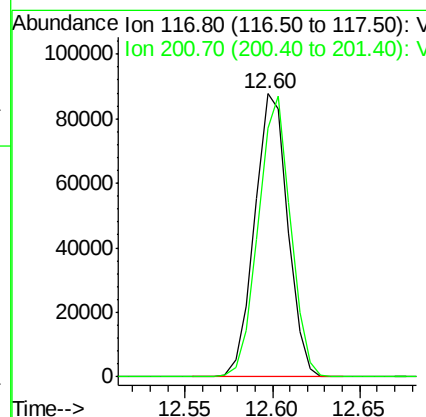
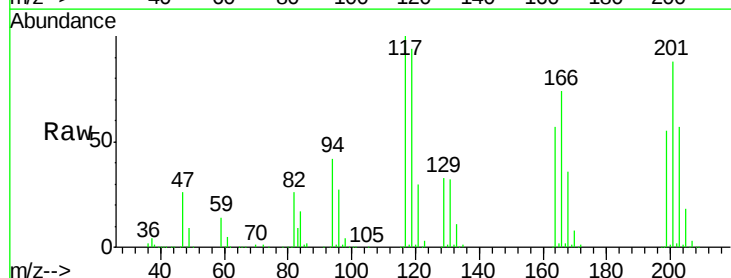
Acq: 13 Jul 2018 18:55

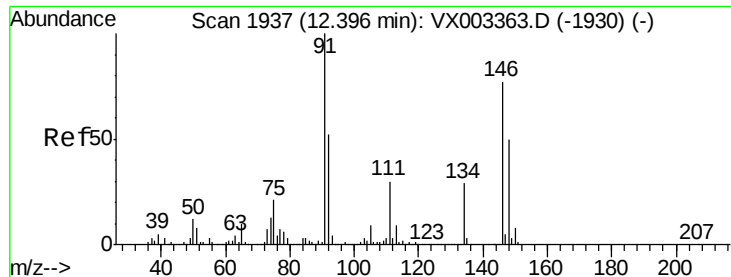
Tgt Ion: 117 Resp: 115318

Ion Ratio Lower Upper

117 100

201 96.3 49.0 147.0





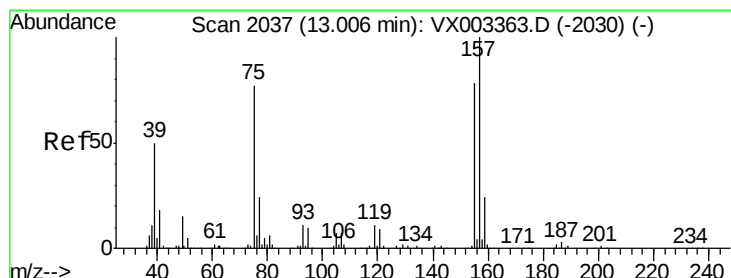
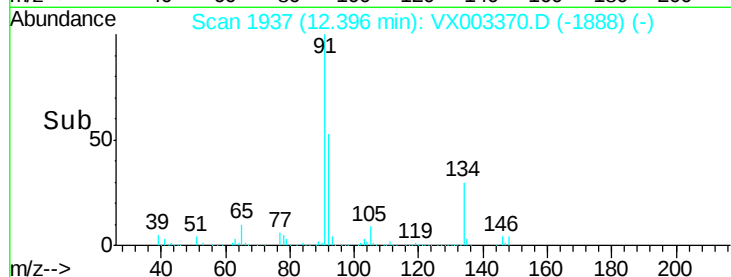
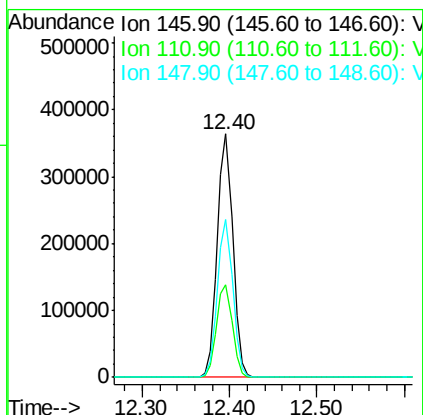
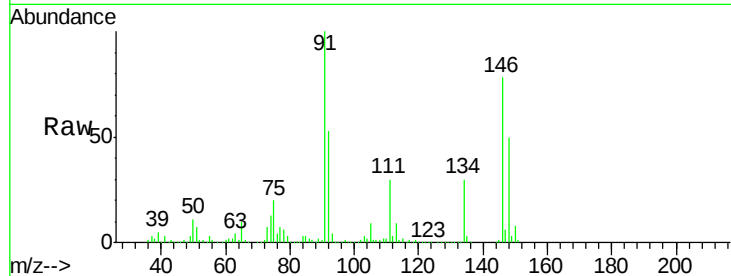
#91
 1,2-Dichlorobenzene
 Concen: 45.14 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	63.9	31.7	95.1

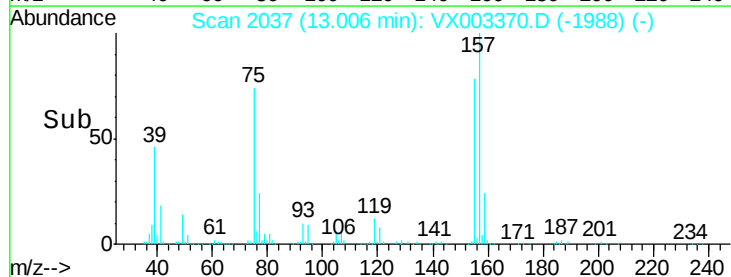
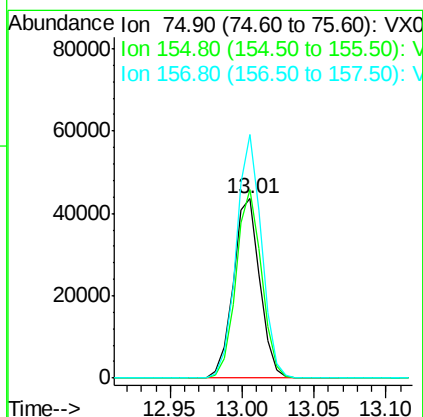
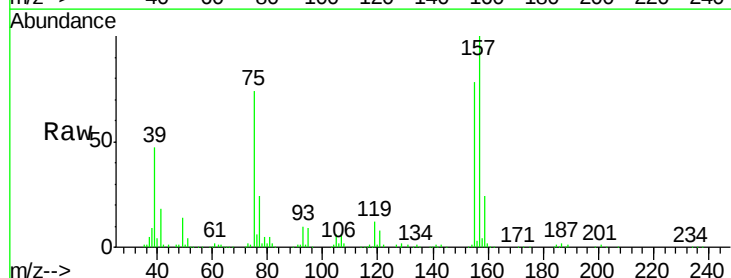
Manual Integrations
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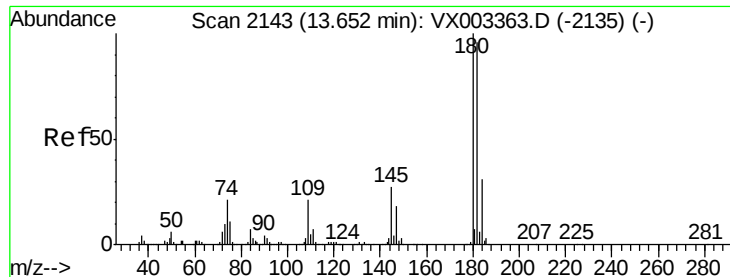
MMDadoda
 7/16/2018 11:24:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.43 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	45.8	137.4
157	128.4	60.1	180.3





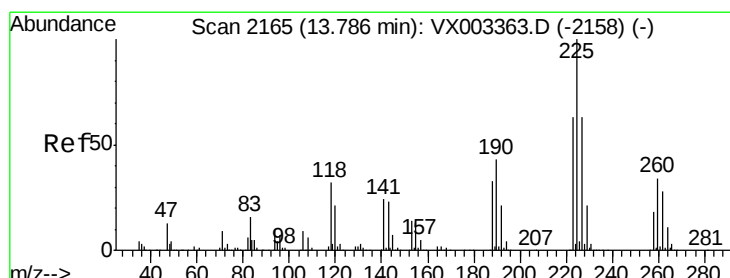
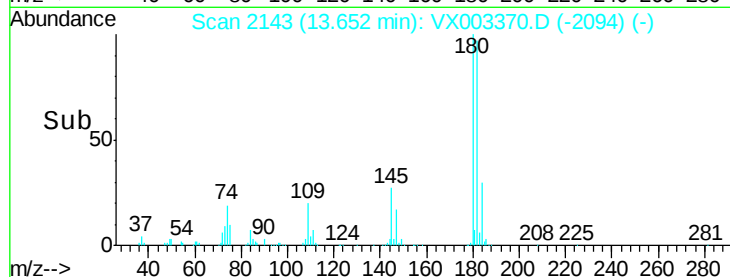
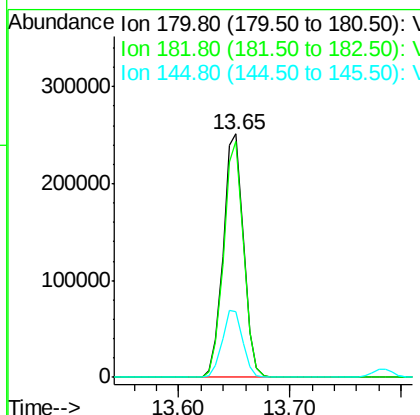
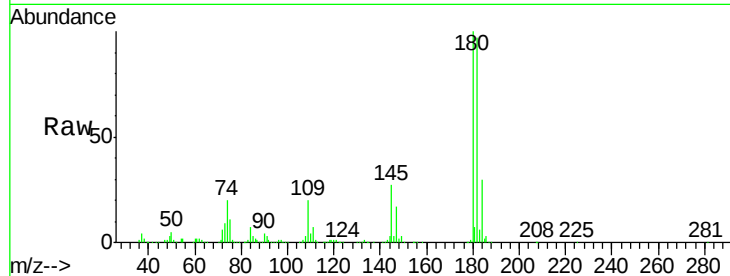
#93
 1,2,4-Trichlorobenzene
 Concen: 46.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	315440		
182	95.2	47.7	143.1	
145	27.9	14.1	42.4	

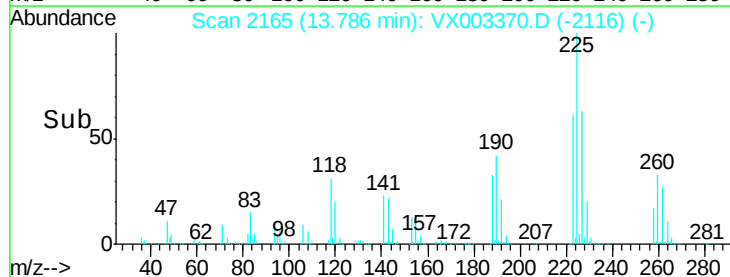
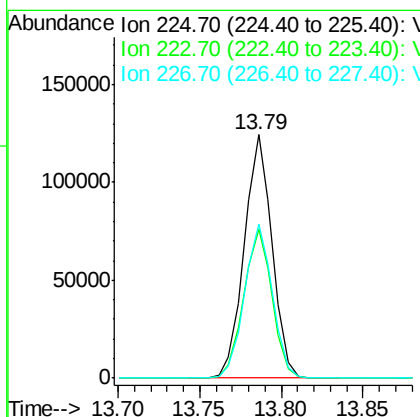
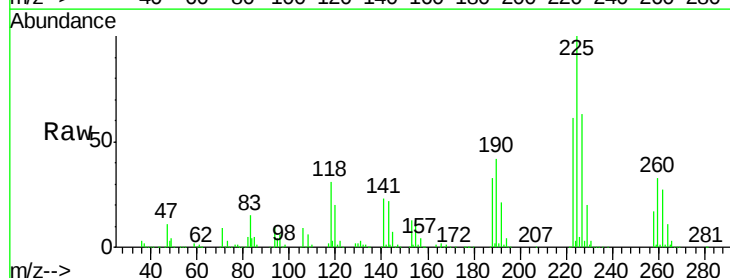
Manual Integrations
 APPROVED

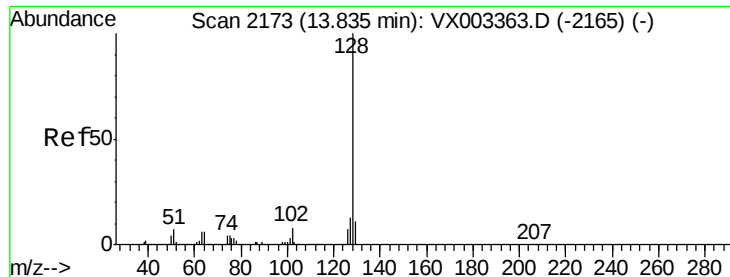
MMDadoda
 7/16/2018 11:24:45 AM



#94
 Hexachlorobutadiene
 Concen: 46.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147864		
223	61.9	31.6	95.0	
227	63.4	32.4	97.2	





#95

Naphthalene

Concen: 48.33 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

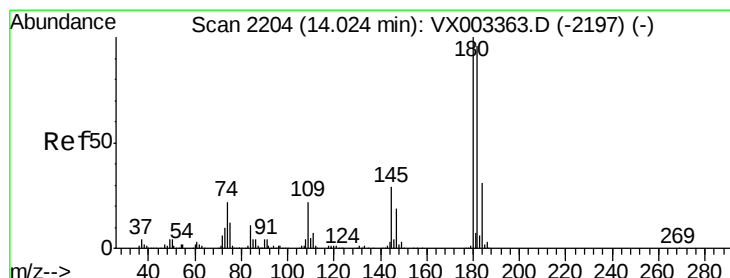
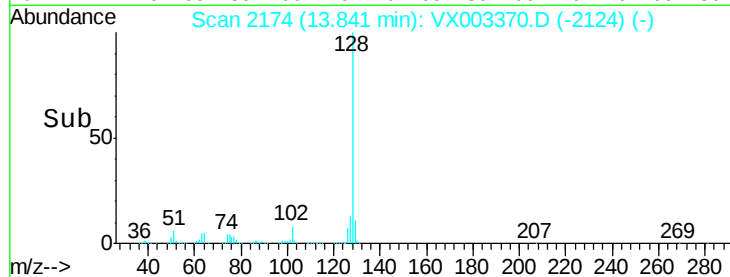
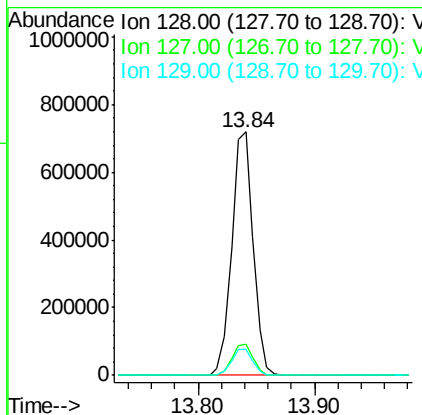
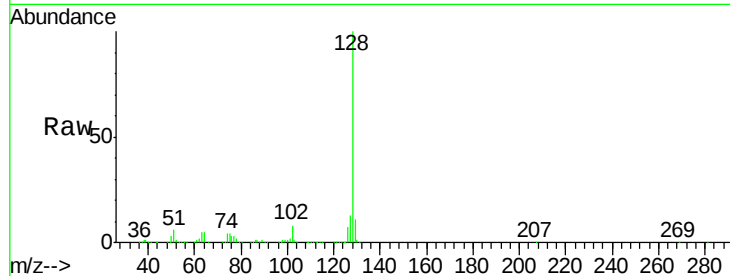
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	915919
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 46.18 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion:	180	Resp:	315145
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	30.0	14.8	44.3

