

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002675.D
 Acq On : 17 Jun 2018 03:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/19/2018 1:04:56 PM

Quant Time: Jun 18 04:30:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	313374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196118	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	157663	47.23	ug/l	0.00
Spiked Amount						
			Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	126855	50.72	ug/l	0.00
Spiked Amount						
			Recovery	=	101.44%	
50) Toluene-d8	8.72	98	470370	49.53	ug/l	0.00
Spiked Amount						
			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	179015	49.75	ug/l	0.00
Spiked Amount						
			Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	103824	44.517	ug/l	99
3) Chloromethane	1.32	50	114603	41.308	ug/l	99
4) Vinyl Chloride	1.41	62	131237	45.586	ug/l	98
5) Bromomethane	1.64	94	74039	42.623	ug/l	99
6) Chloroethane	1.72	64	88116	46.438	ug/l	98
7) Trichlorofluoromethane	1.93	101	222287	47.525	ug/l	99
8) Diethyl Ether	2.19	74	82084	46.141	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121925	46.634	ug/l	99
10) Methyl Iodide	2.51	142	146696	42.450	ug/l	98
11) Tert butyl alcohol	3.08	59	144603	209.524	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113409	46.200	ug/l	97
13) Acrolein	2.30	56	61097	190.516	ug/l	100
14) Allyl chloride	2.73	41	218006	44.729	ug/l	99
15) Acrylonitrile	3.15	53	340234	225.917	ug/l	100
16) Acetone	2.45	43	312583	212.224	ug/l	100
17) Carbon Disulfide	2.57	76	283473	48.690	ug/l	98
18) Methyl Acetate	2.78	43	185809	47.352	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	426968	46.366	ug/l	99
20) Methylene Chloride	2.86	84	130437	43.191	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	122785	46.107	ug/l	98
22) Diisopropyl ether	3.88	45	415153	47.080	ug/l	99
23) Vinyl Acetate	3.83	43	1700109	230.353	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235800	49.268	ug/l	99
25) 2-Butanone	4.71	43	443697	229.384	ug/l	100
26) 2,2-Dichloropropane	4.59	77	123011	35.770	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	131180	48.413	ug/l	91
28) Bromochloromethane	5.02	49	111601	49.792	ug/l	96
29) Tetrahydrofuran	5.17	42	289918	228.696	ug/l	97
30) Chloroform	5.22	83	227073	49.201	ug/l	96
31) Cyclohexane	5.58	56	179728	45.610	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	196677	50.952	ug/l	99
36) 1,1-Dichloropropene	5.81	75	163502	49.126	ug/l	100
37) Ethyl Acetate	4.87	43	179238	47.580	ug/l	100
38) Carbon Tetrachloride	5.79	117	172426	52.027	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181871	46.744	ug/l	99
40) Benzene	6.15	78	488945	48.994	ug/l	100
41) Methacrylonitrile	5.07	41	103350	48.590	ug/l	97
42) 1,2-Dichloroethane	6.20	62	191051	49.447	ug/l	100
43) Isopropyl Acetate	6.47	43	297253	47.627	ug/l	99
44) Trichloroethene	7.22	130	139837	48.547	ug/l	98
45) 1,2-Dichloropropane	7.52	63	130220	49.579	ug/l	99
46) Dibromomethane	7.67	93	89029	50.673	ug/l	98
47) Bromodichloromethane	7.90	83	165629	53.450	ug/l	99
48) Methyl methacrylate	7.78	41	152966	47.960	ug/l	97
49) 1,4-Dioxane	7.76	88	55323	915.942	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	960689	239.729	ug/l	99
52) Toluene	8.79	92	317658	49.899	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	187403	45.893	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	171595	44.247	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130732	50.823	ug/l	99
56) Ethyl methacrylate	9.18	69	199687	50.444	ug/l	97
57) 1,3-Dichloropropane	9.38	76	213264	49.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	490813	256.347	ug/l	98
59) 2-Hexanone	9.50	43	732983	242.732	ug/l	99
60) Dibromochloromethane	9.59	129	137680	47.763	ug/l	99
61) 1,2-Dibromoethane	9.68	107	137326	51.547	ug/l	100
64) Tetrachloroethene	9.34	164	160691	47.297	ug/l	98
65) Chlorobenzene	10.14	112	367834	48.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	135953	53.053	ug/l	99
67) Ethyl Benzene	10.26	91	619085	48.830	ug/l	100
68) m/p-Xylenes	10.37	106	482332	98.625	ug/l	99
69) o-Xylene	10.70	106	235440	48.999	ug/l	99
70) Styrene	10.71	104	400715	50.710	ug/l	99
71) Bromoform	10.86	173	104696	45.373	ug/l #	100
73) Isopropylbenzene	11.02	105	634211	48.352	ug/l	100
74) N-amyl acetate	6.47	43	297253	45.612	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	192902	49.801	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	166485m	44.987	ug/l	
77) Bromobenzene	11.26	156	180463	49.385	ug/l	96
78) n-propylbenzene	11.37	91	723101	48.070	ug/l	99
79) 2-Chlorotoluene	11.43	91	428191	47.676	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536044	48.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45944	40.585	ug/l	94
82) 4-Chlorotoluene	11.51	91	514647	48.563	ug/l	99
83) tert-Butylbenzene	11.77	119	519032	48.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	556150	49.169	ug/l	99
85) sec-Butylbenzene	11.95	105	639892	48.191	ug/l	100
86) p-Isopropyltoluene	12.07	119	582774	48.507	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	326170	48.672	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	330973	48.540	ug/l	99
89) n-Butylbenzene	12.39	91	508735	48.000	ug/l	99
90) Hexachloroethane	12.60	117	82770	44.501	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	330788	49.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41908	51.653	ug/l	94

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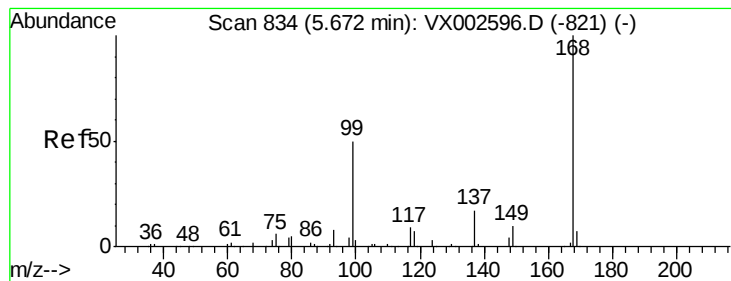
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245355	50.122	ug/l	99
94) Hexachlorobutadiene	13.79	225	116991	45.370	ug/l	100
95) Naphthalene	13.84	128	677598	51.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	243821	49.593	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 219690

Ion Ratio Lower Upper

168 100

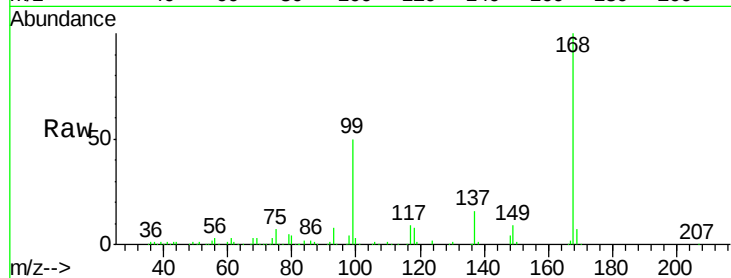
99 49.5 39.3 58.9

Manual Integrations

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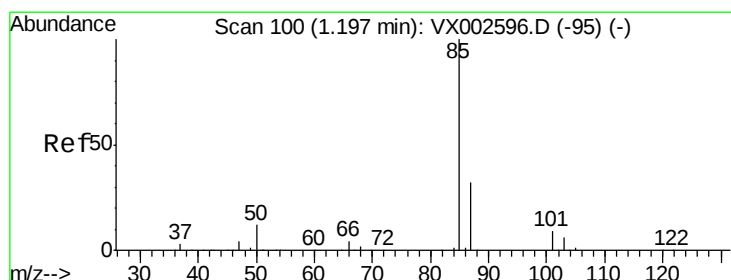
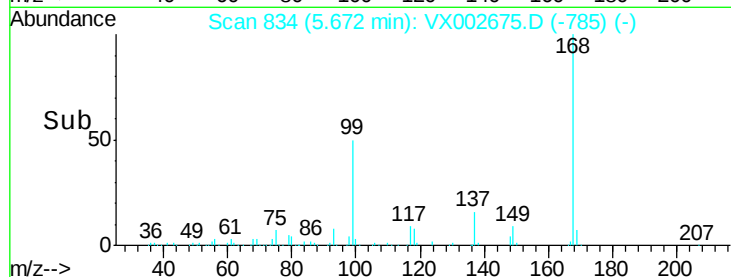
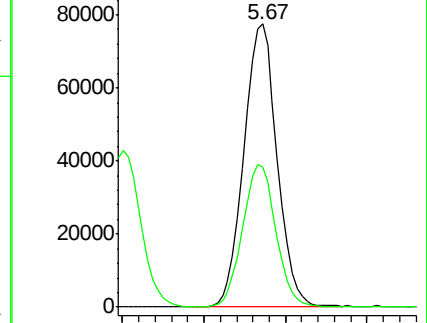
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.517 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002675.D

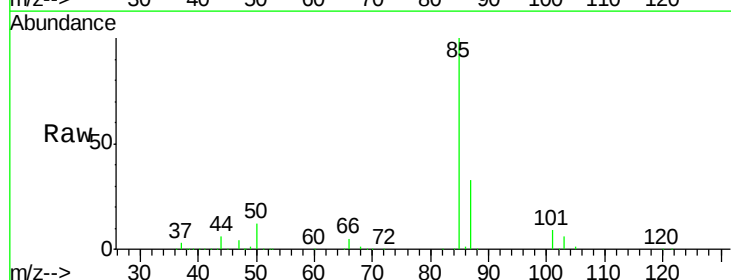
Acq: 17 Jun 2018 03:49

Tgt Ion: 85 Resp: 103824

Ion Ratio Lower Upper

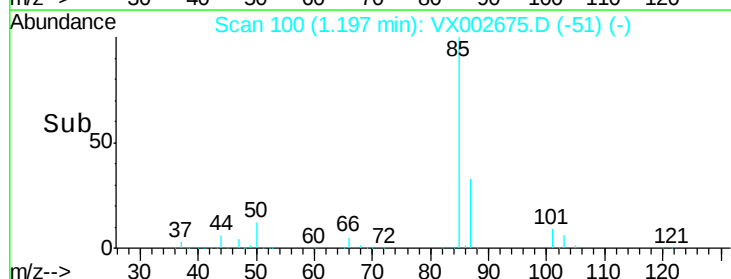
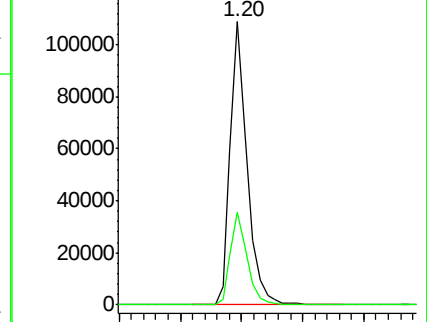
85 100

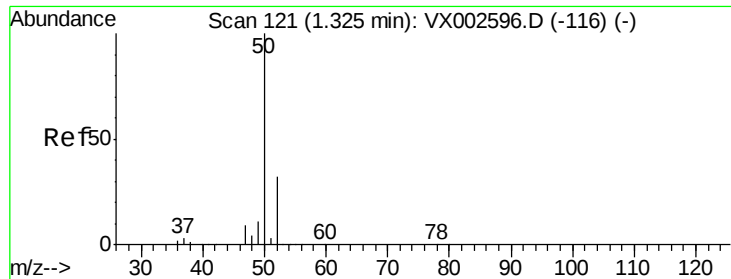
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.308 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 114603

Ion Ratio Lower Upper

50 100

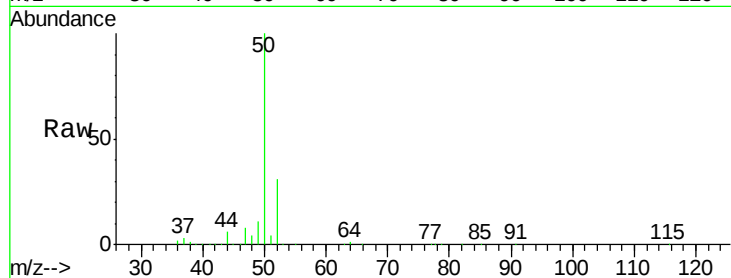
52 31.4 25.7 38.5

Manual Integrations

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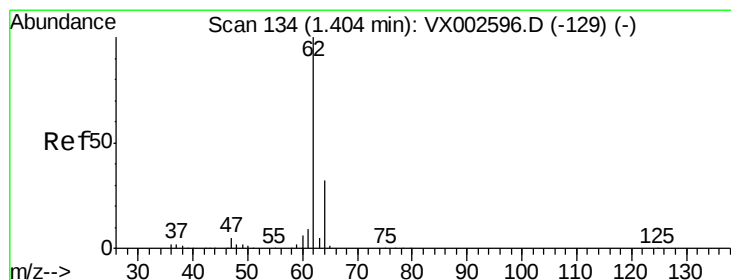
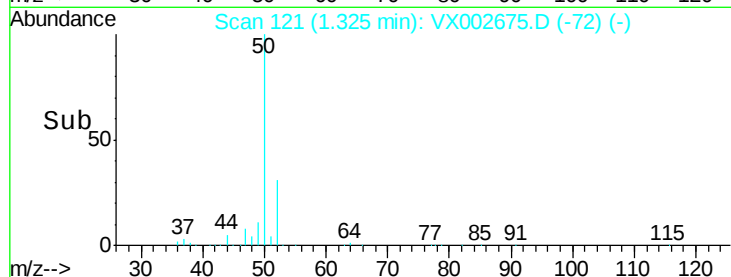
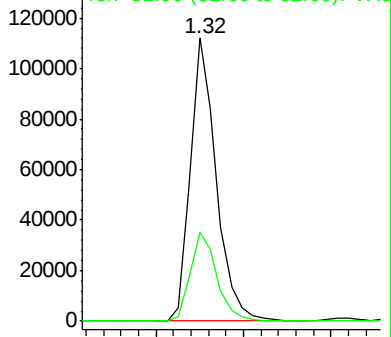
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.586 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002675.D

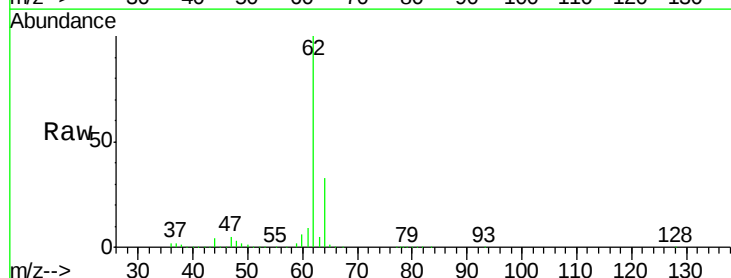
Acq: 17 Jun 2018 03:49

Tgt Ion: 62 Resp: 131237

Ion Ratio Lower Upper

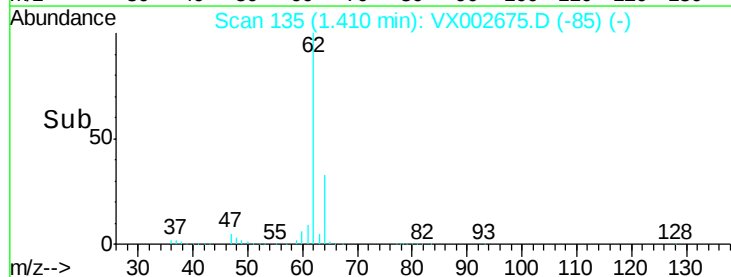
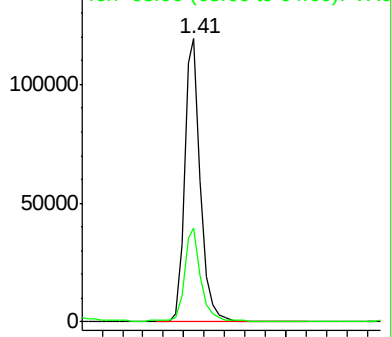
62 100

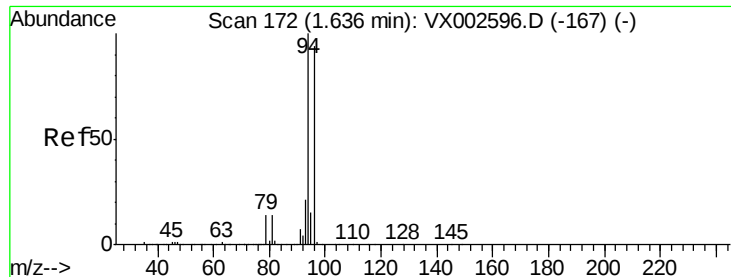
64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.623 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 74039

Ion Ratio Lower Upper

94 100

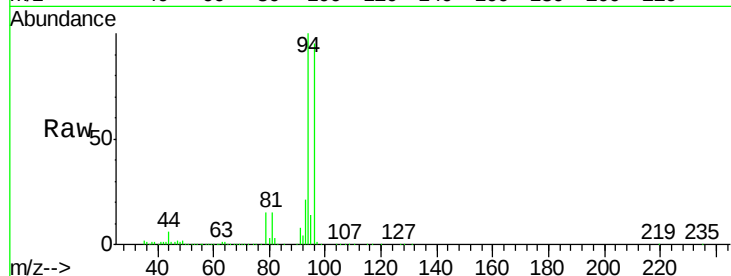
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Manual Integrations

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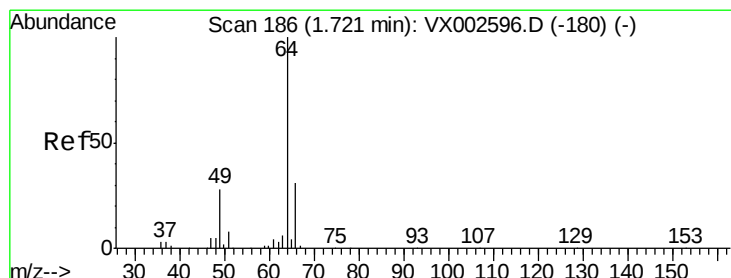
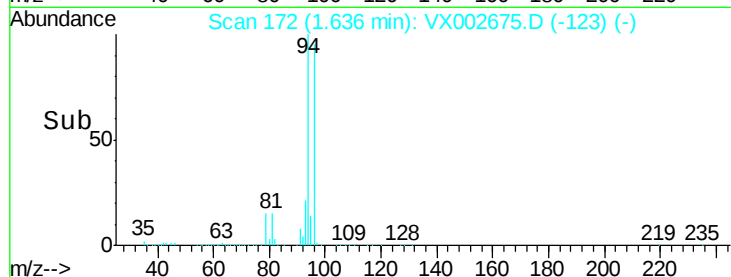
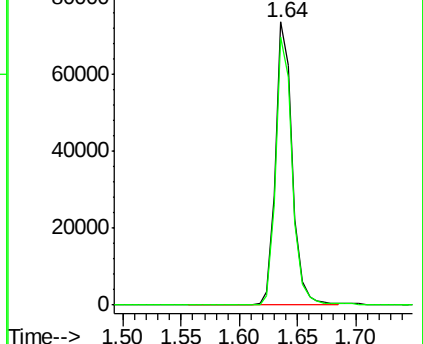
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.438 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002675.D

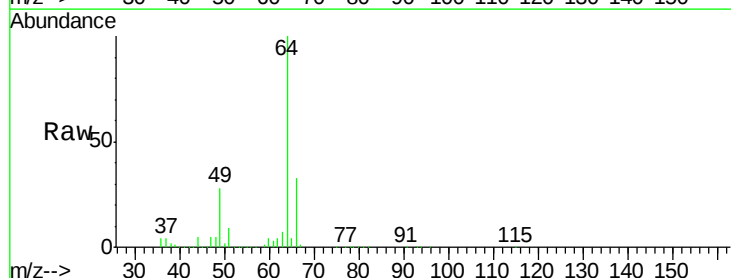
Acq: 17 Jun 2018 03:49

Tgt Ion: 64 Resp: 88116

Ion Ratio Lower Upper

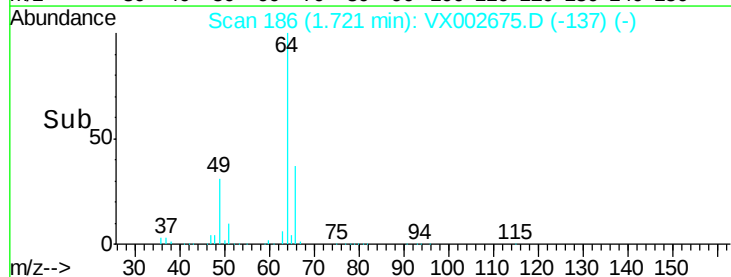
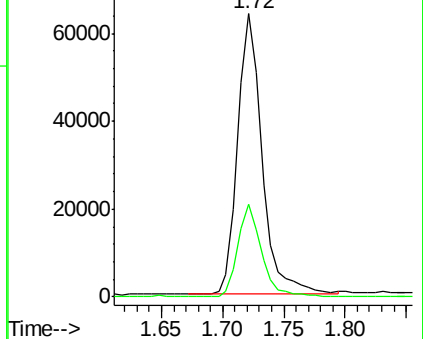
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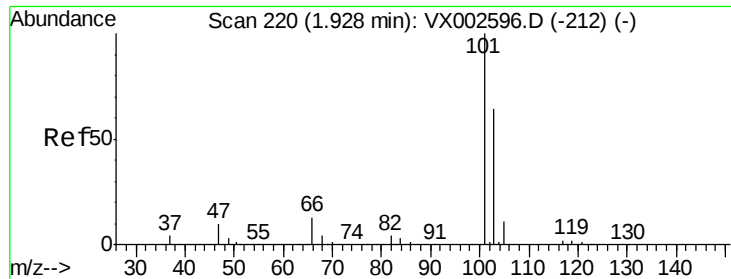
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

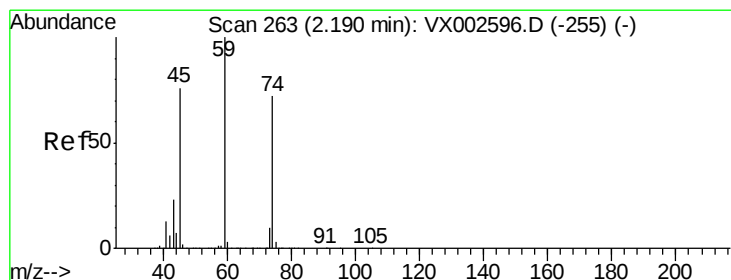
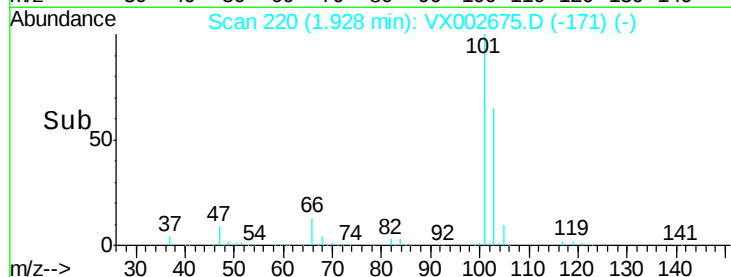
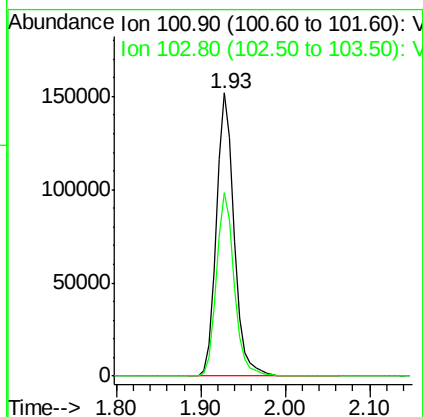
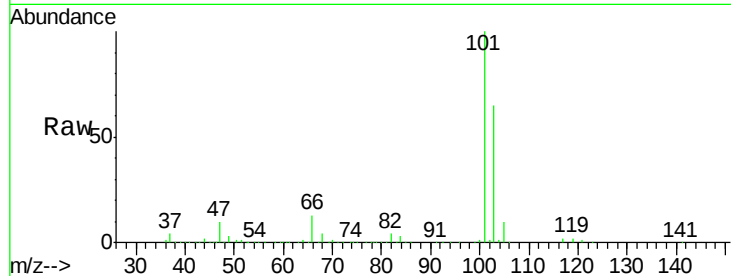
Trichlorofluoromethane
Concen: 47.525 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.8	79.2

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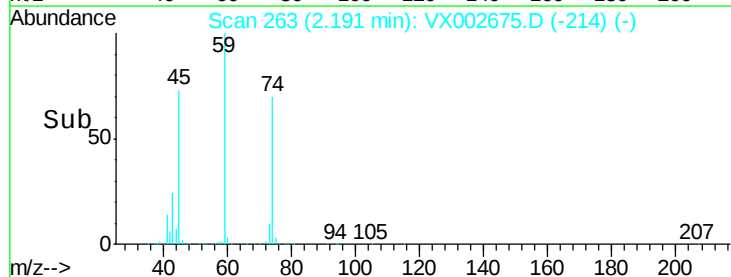
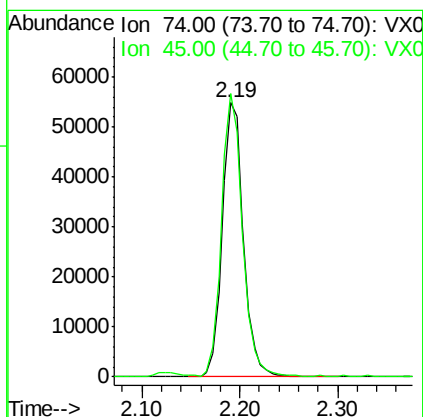
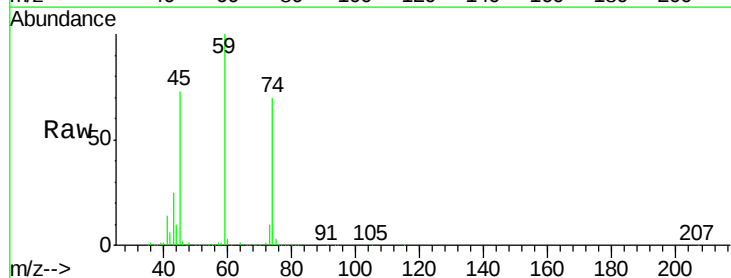
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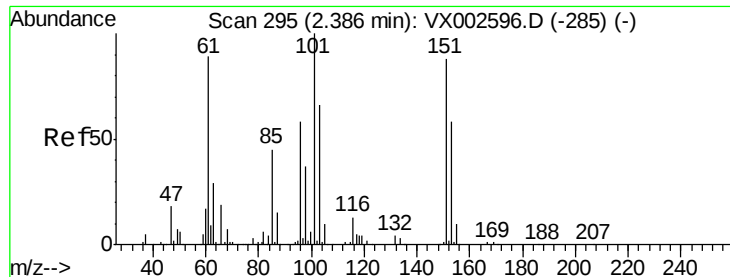


#8

Diethyl Ether
Concen: 46.141 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.634 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

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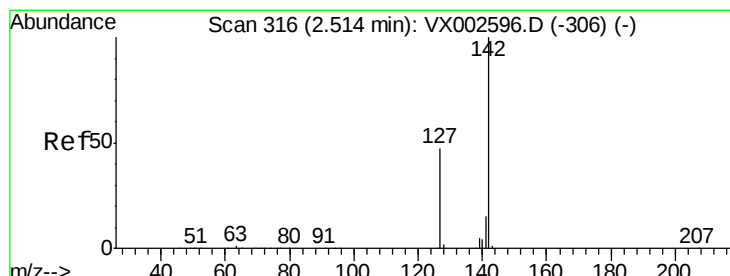
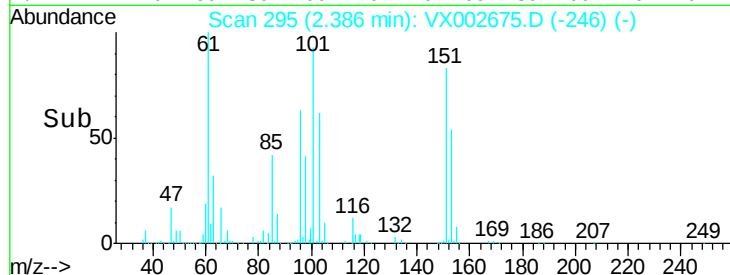
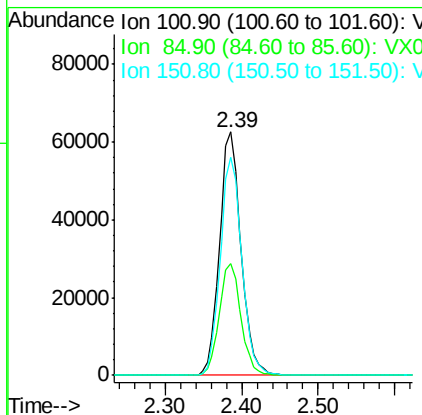
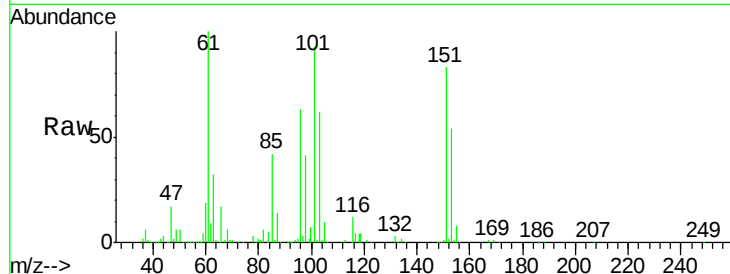
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121925
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.0	54.0
151	89.6	70.9	106.3

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 42.450 ug/l

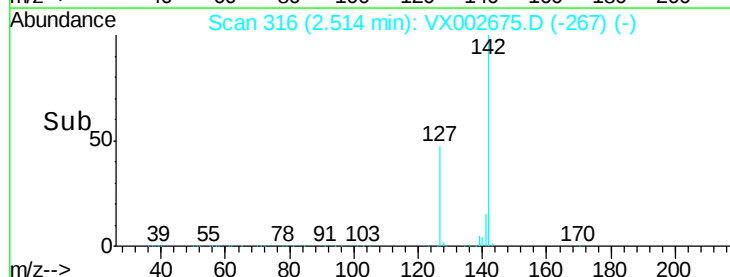
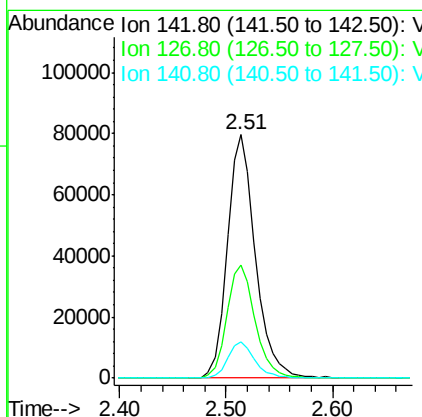
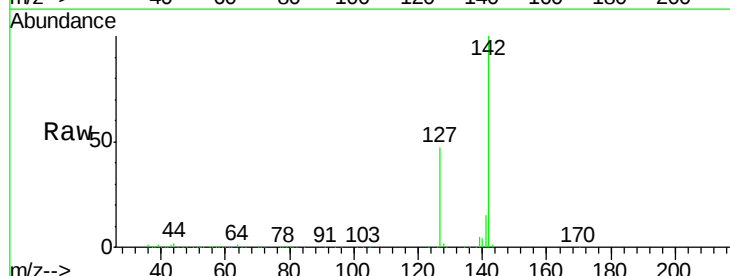
RT: 2.51 min Scan# 316

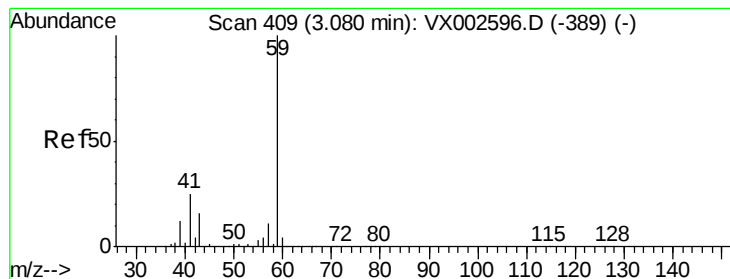
Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion:	142	Resp:	146696
Ion Ratio	Lower	Upper	
142	100		
127	47.2	36.6	55.0
141	14.4	11.3	16.9





#11

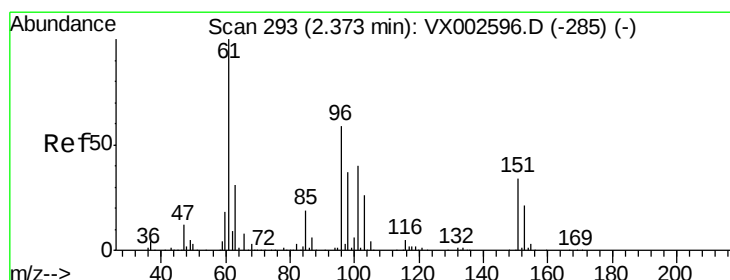
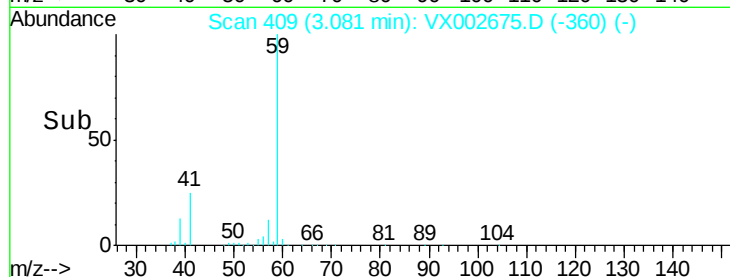
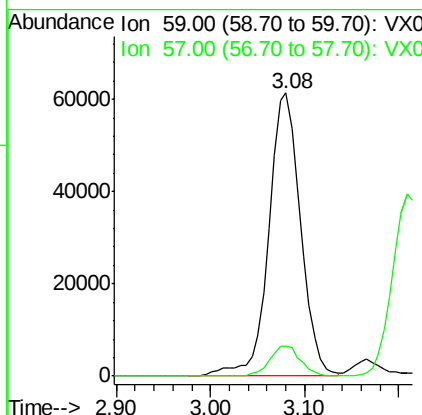
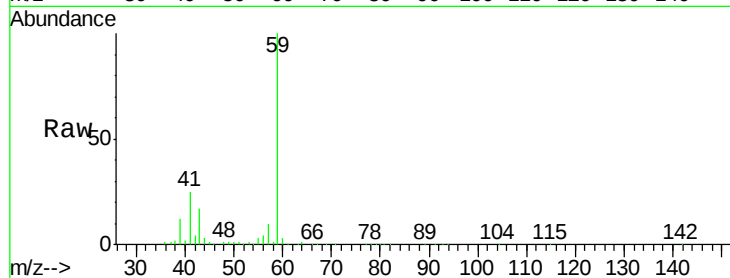
Tert butyl alcohol
 Concen: 209.524 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	144603
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.2

Manual Integrations
 APPROVED

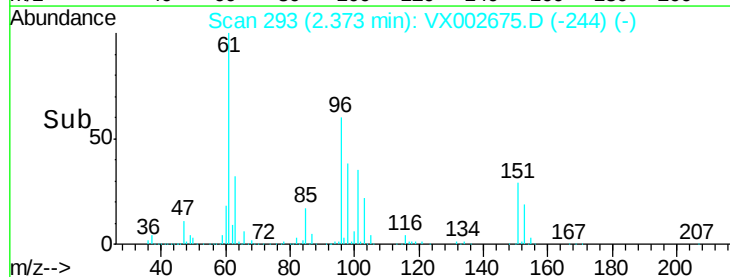
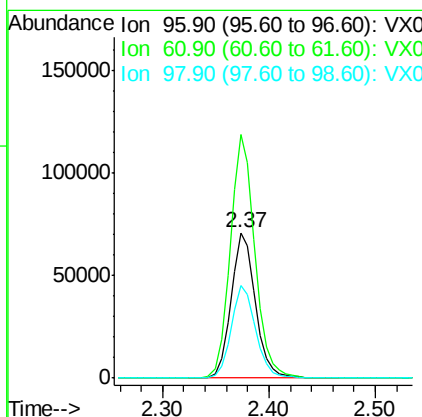
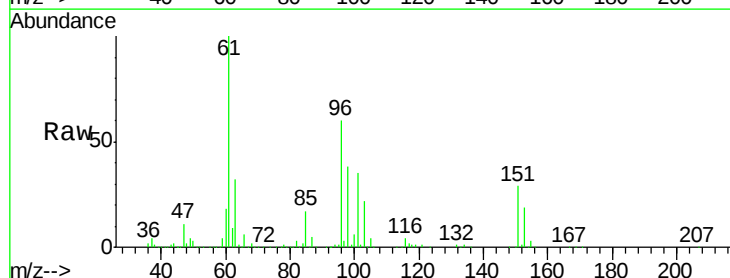
MMDadoda
 6/19/2018 1:04:56 PM

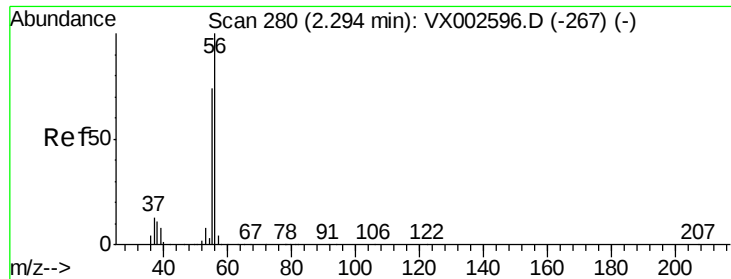


#12

1,1-Dichloroethene
 Concen: 46.200 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion	96	Resp	113409
Ion Ratio	100	Lower	Upper
61	167.9	137.9	206.9
98	64.0	51.6	77.4





#13

Acrolein

Concen: 190.516 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 61097

Ion Ratio Lower Upper

56 100

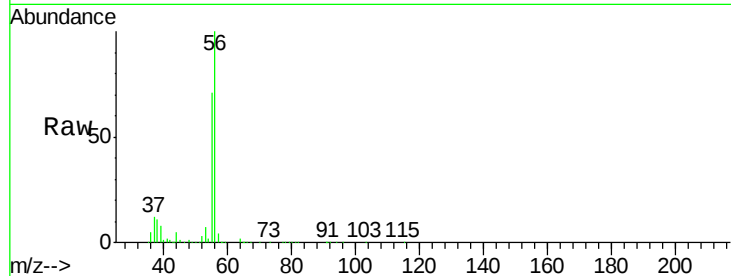
55 71.5 57.0 85.4

Manual Integrations

APPROVED

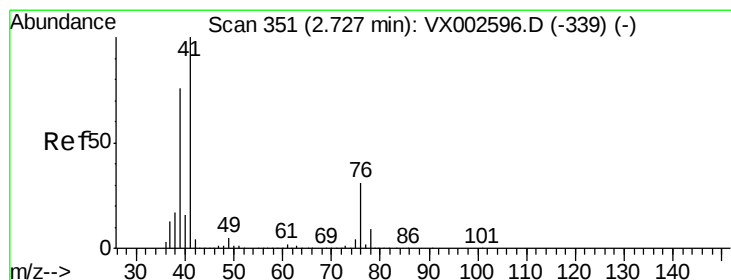
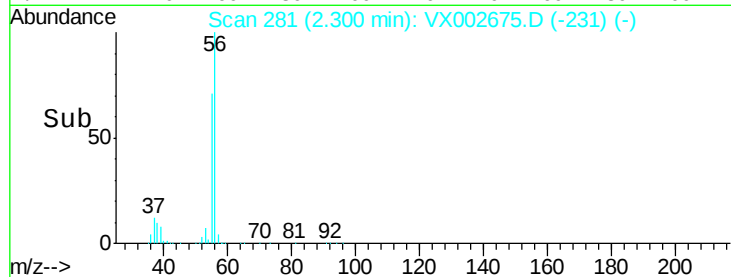
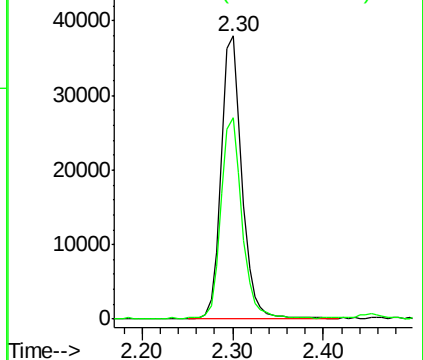
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.729 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

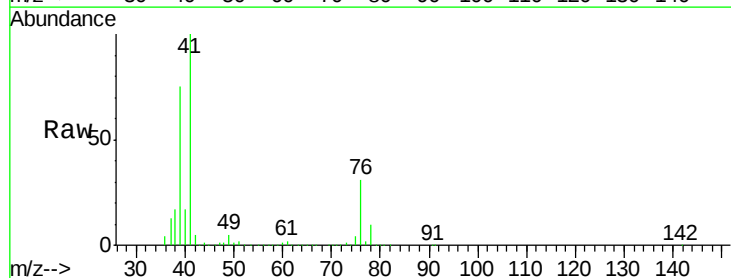
Tgt Ion: 41 Resp: 218006

Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

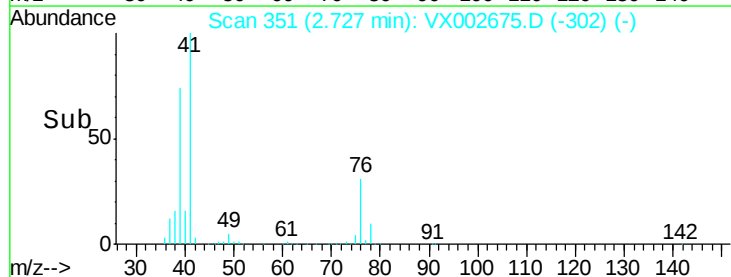
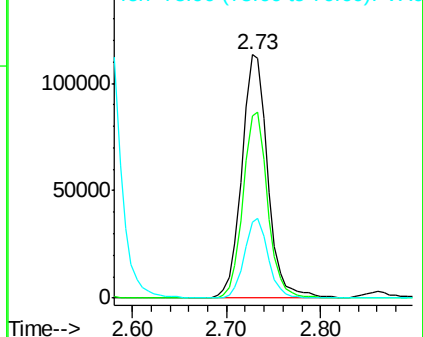
76 30.0 23.8 35.8

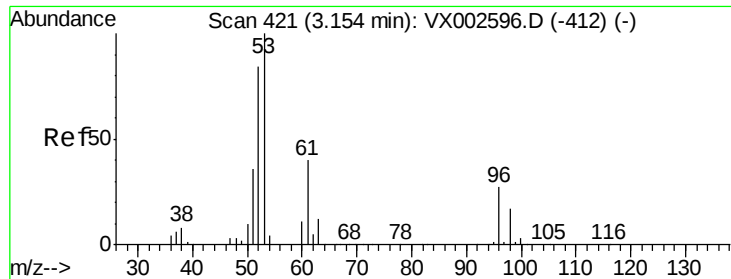


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 225.917 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

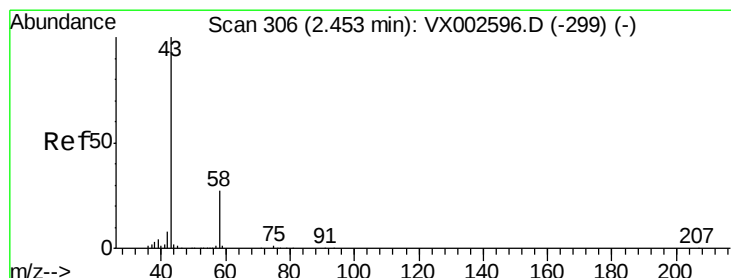
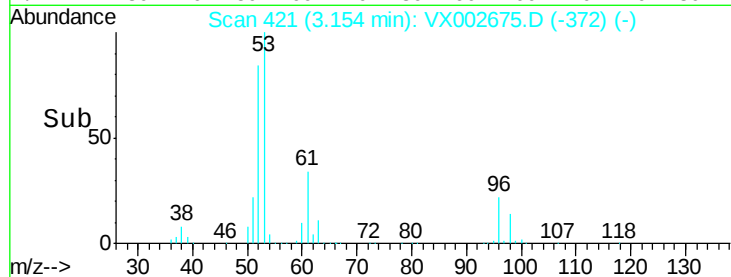
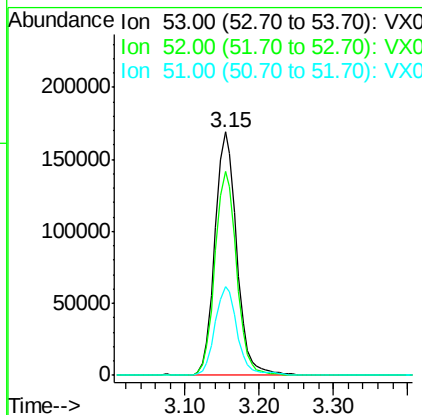
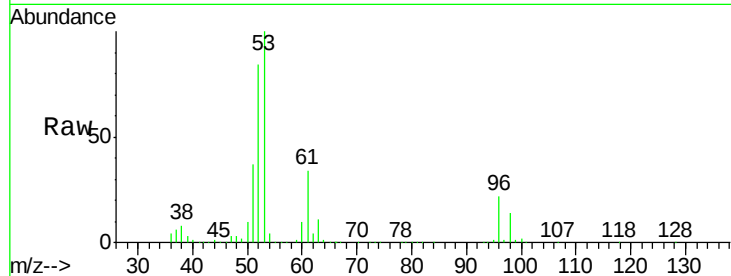
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	340234
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.7	100.1
51	37.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 212.224 ug/l

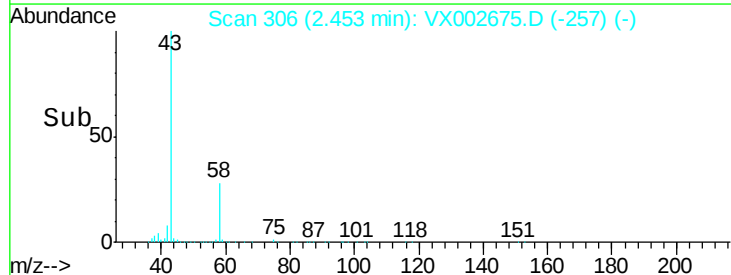
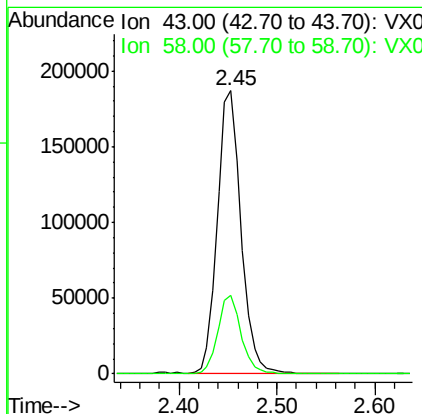
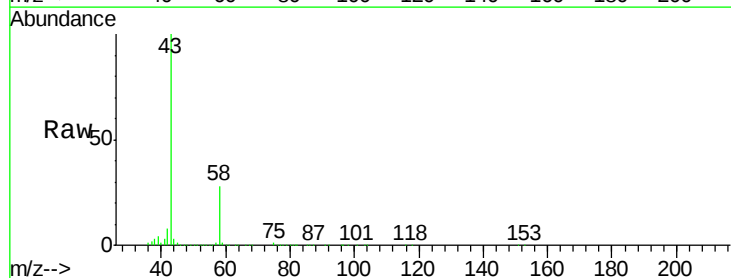
RT: 2.45 min Scan# 306

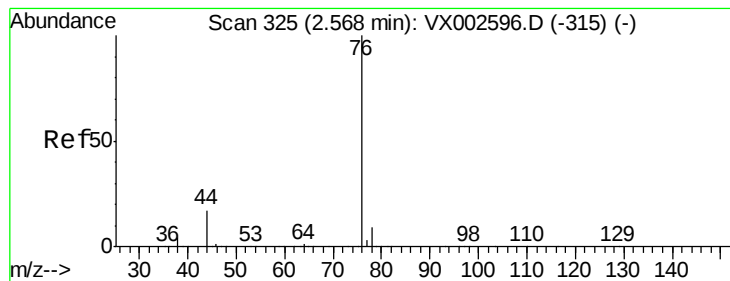
Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion:	43	Resp:	312583
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1





#17

Carbon Disulfide

Concen: 48.690 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 283473

Ion Ratio Lower Upper

76 100

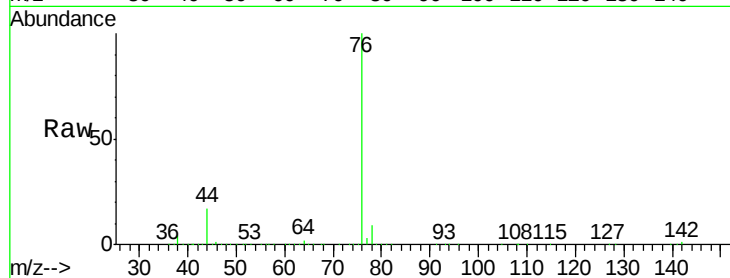
78 9.2 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

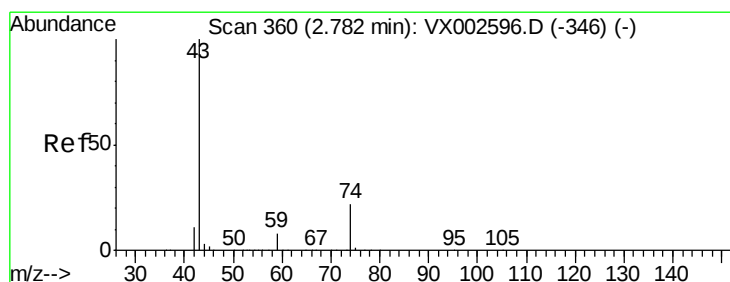
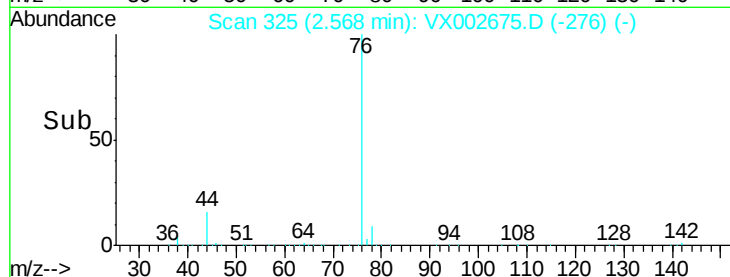
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.352 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002675.D

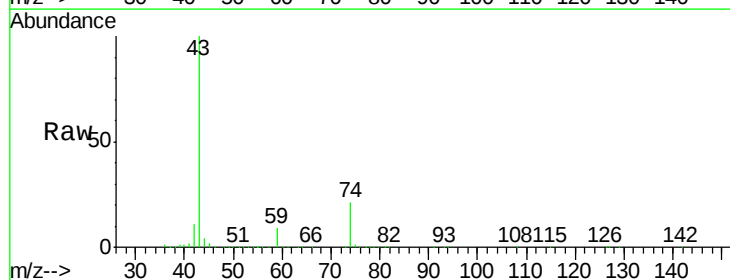
Acq: 17 Jun 2018 03:49

Tgt Ion: 43 Resp: 185809

Ion Ratio Lower Upper

43 100

74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

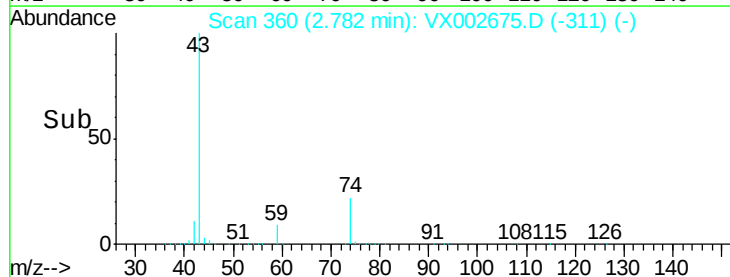
60000

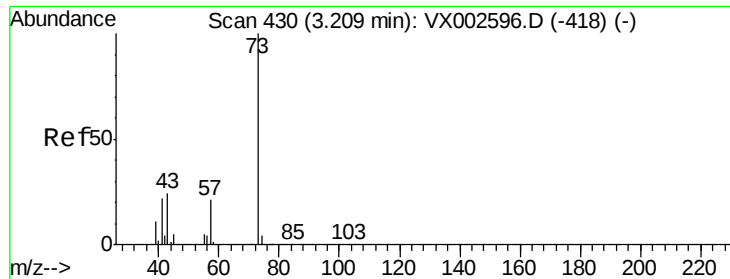
40000

20000

0

Time-->





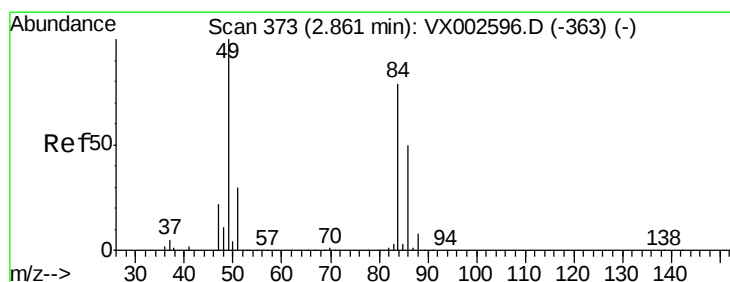
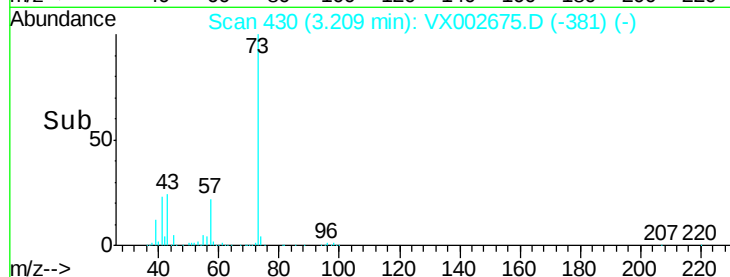
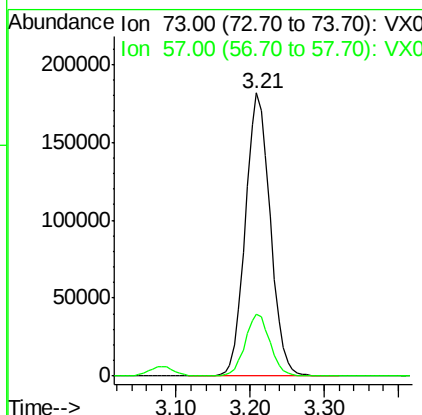
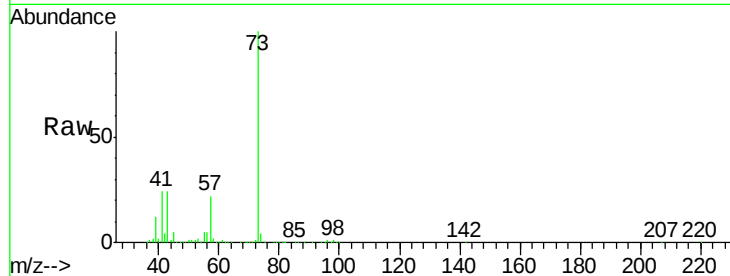
#19
Methvl tert-butvl Ether
Concen: 46.366 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 426968
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

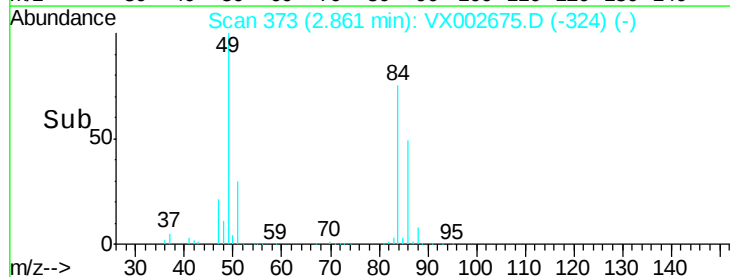
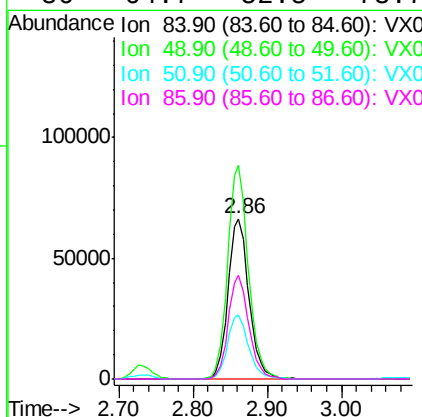
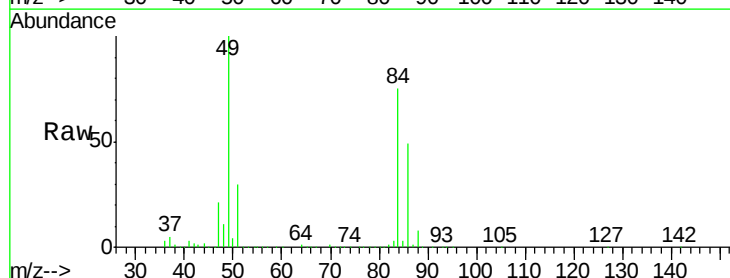
Manual Integrations
APPROVED

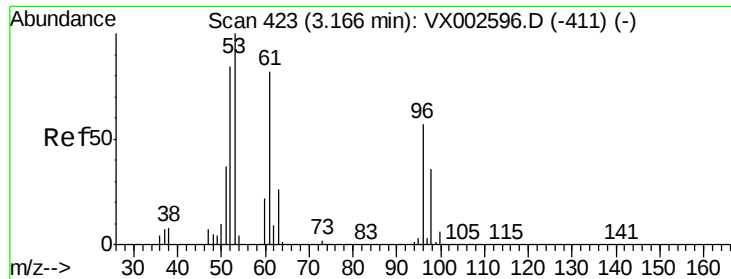
MMDadoda
6/19/2018 1:04:56 PM



#20
Methylene Chloride
Concen: 43.191 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 84 Resp: 130437
Ion Ratio Lower Upper
84 100
49 132.9 107.8 161.6
51 40.0 32.8 49.2
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.107 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

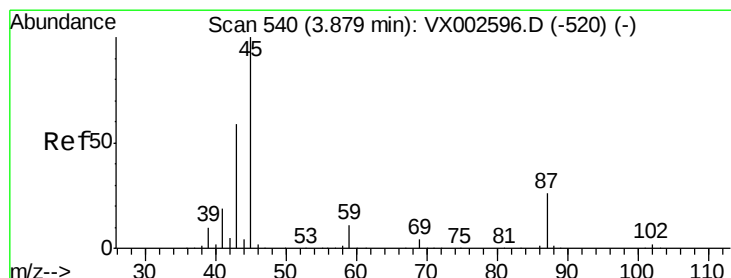
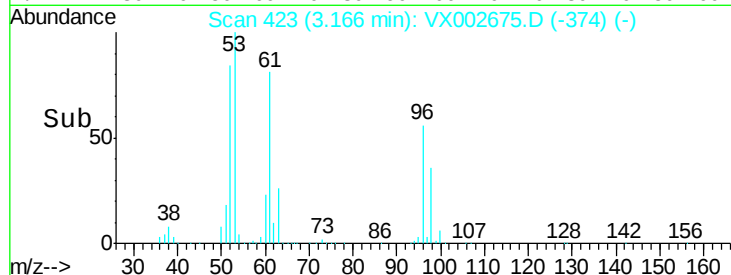
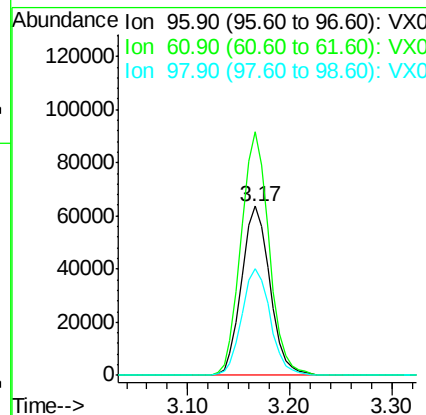
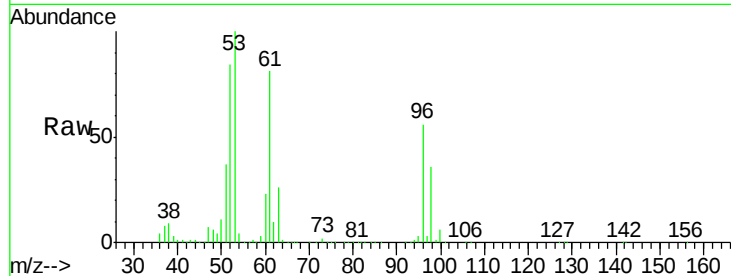
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	122785
Ion	Ratio	Lower	Upper
96	100		
61	143.9	117.0	175.4
98	63.2	52.4	78.6

Manual Integrations
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MMDadoda
6/19/2018 1:04:56 PM



#22

Diisopropyl ether

Concen: 47.080 ug/l

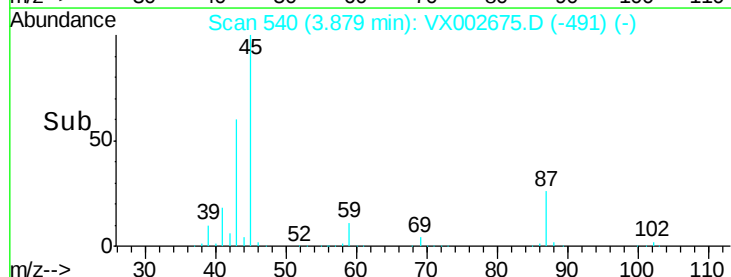
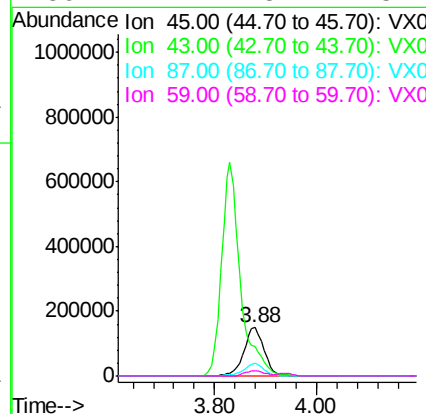
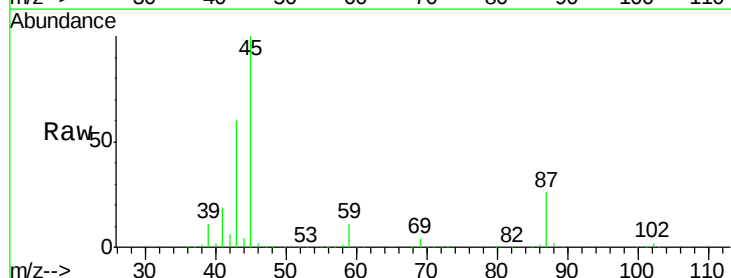
RT: 3.88 min Scan# 540

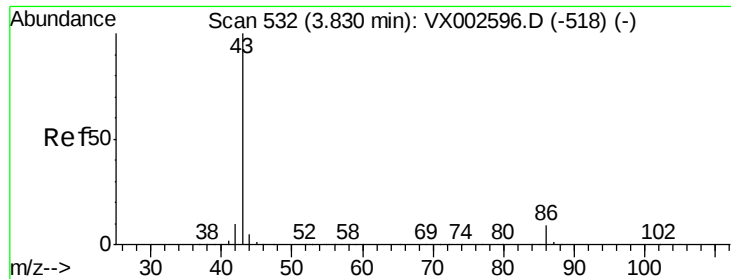
Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion:	45	Resp:	415153
Ion	Ratio	Lower	Upper
45	100		
43	59.7	46.8	70.2
87	25.8	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 230.353 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1700109

Ion Ratio Lower Upper

43 100

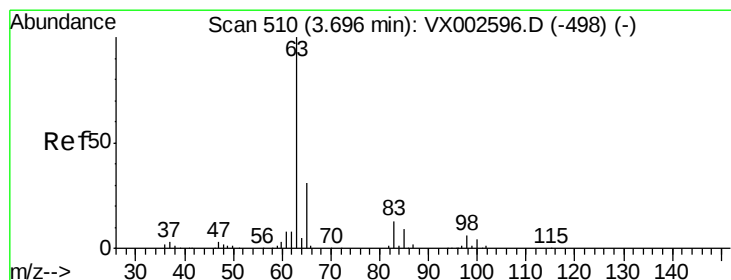
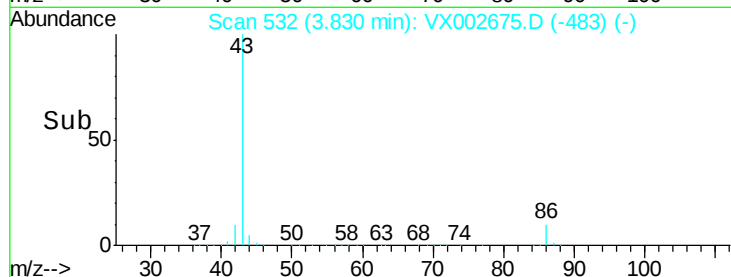
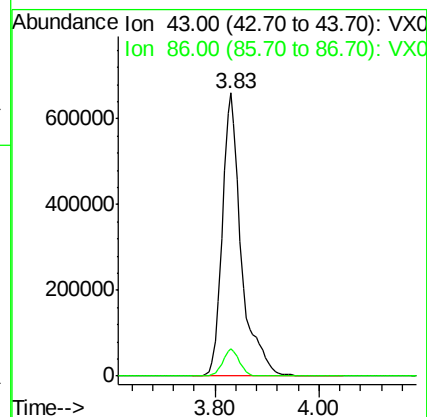
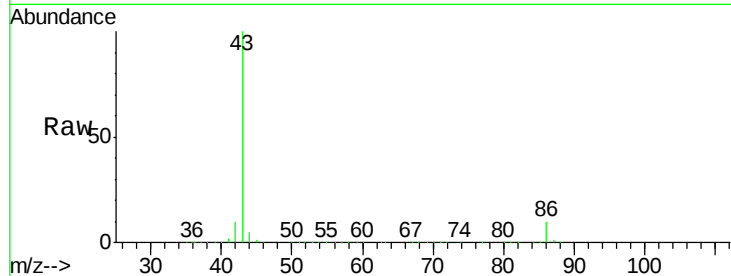
86 9.6 7.4 11.0

Manual Integrations

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MMDadoda

6/19/2018 1:04:56 PM



#24

1,1-Dichloroethane

Concen: 49.268 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

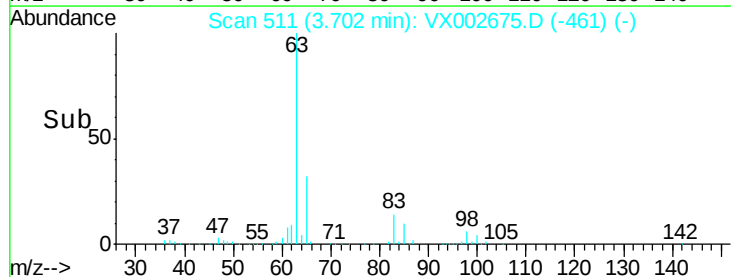
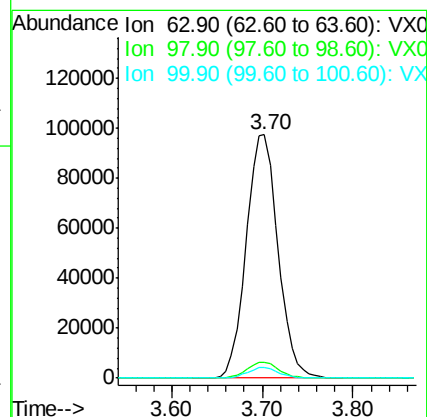
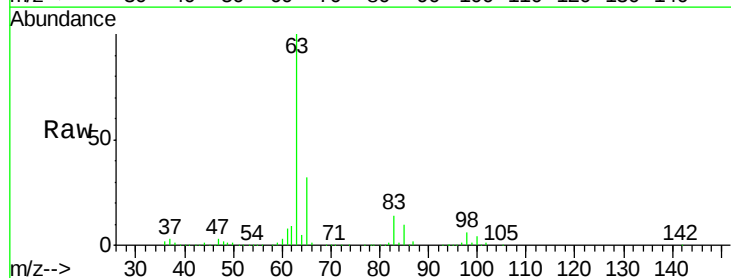
Tgt Ion: 63 Resp: 235800

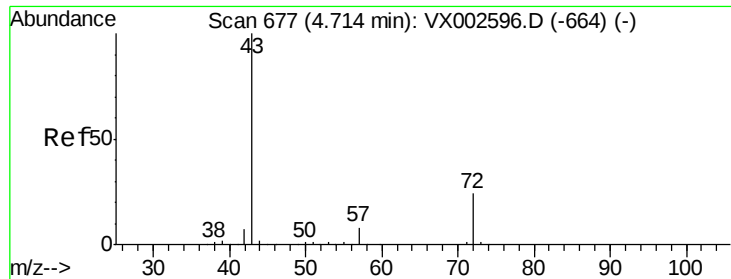
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 229.384 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 443697

Ion Ratio Lower Upper

43 100

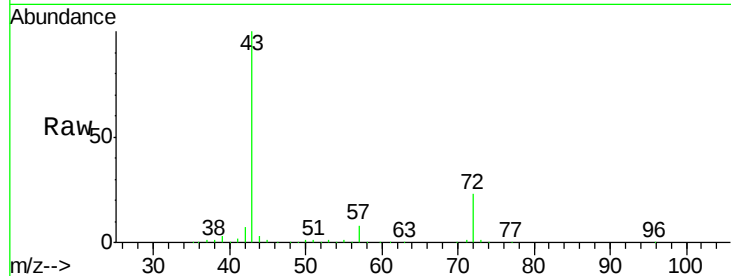
72 22.9 18.5 27.7

Manual Integrations

APPROVED

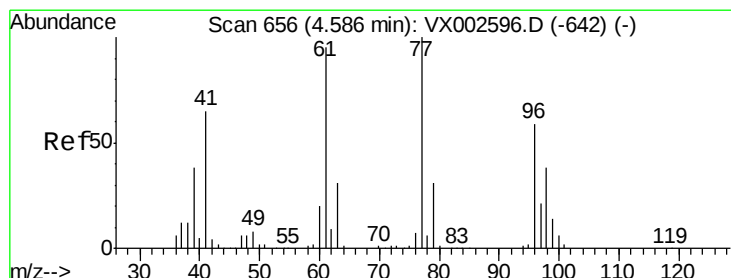
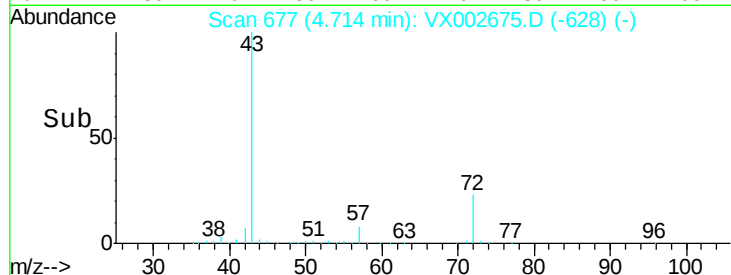
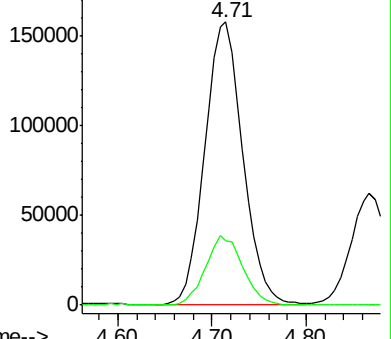
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 35.770 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002675.D

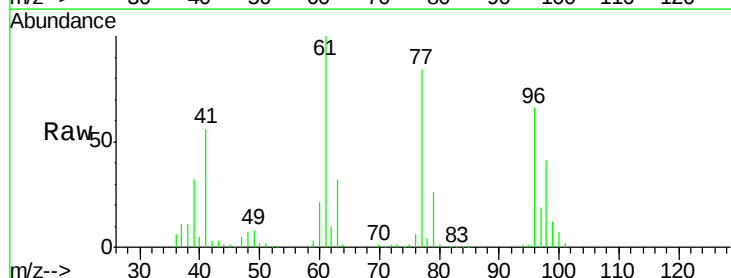
Acq: 17 Jun 2018 03:49

Tgt Ion: 77 Resp: 123011

Ion Ratio Lower Upper

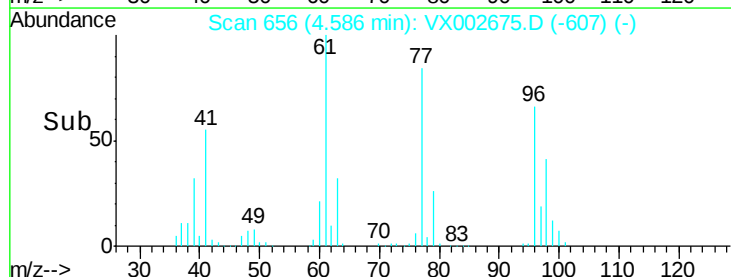
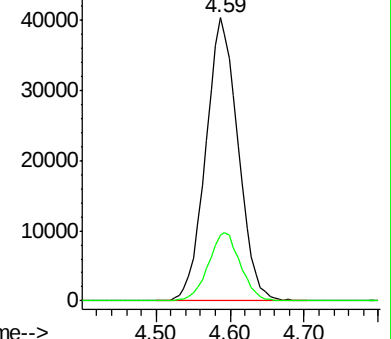
77 100

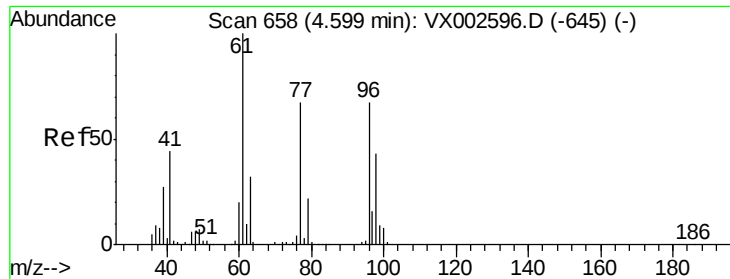
97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

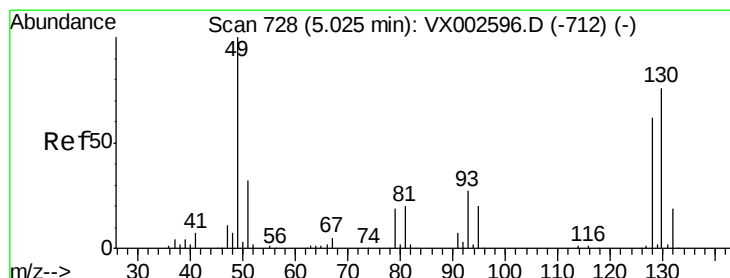
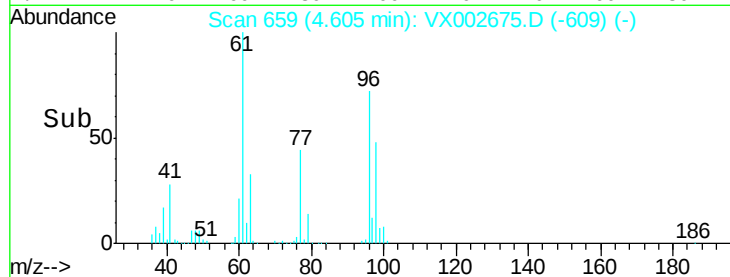
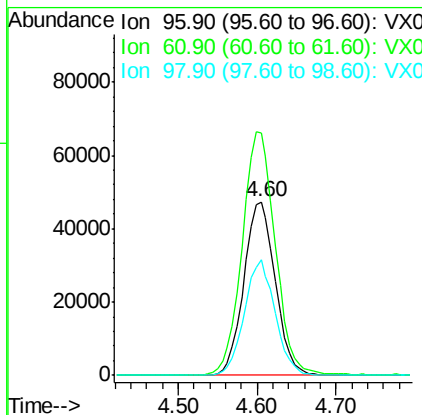
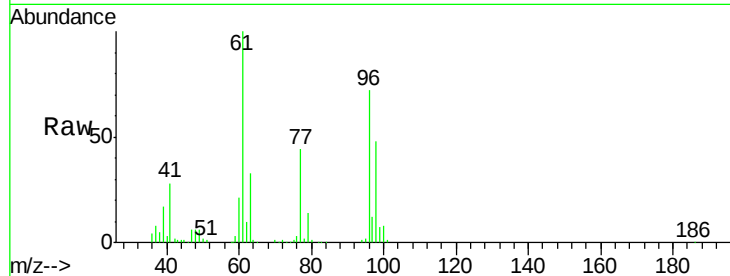
cis-1,2-Dichloroethene
Concen: 48.413 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.2	0.0	330.2	
98	65.0	0.0	130.2	

Manual Integrations
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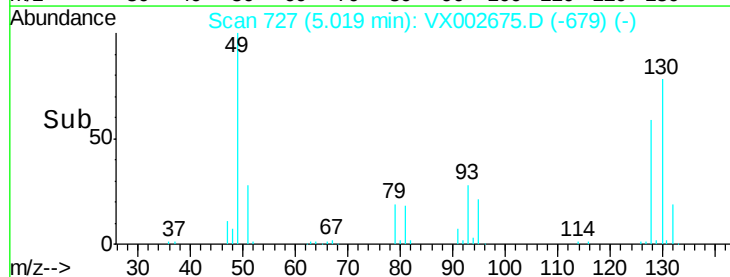
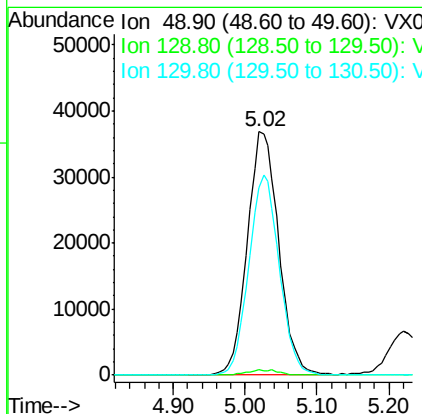
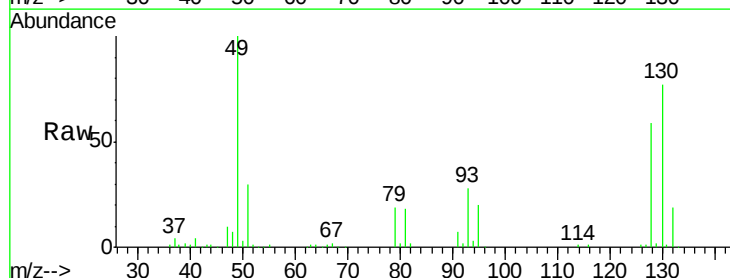
MMDadoda
6/19/2018 1:04:56 PM

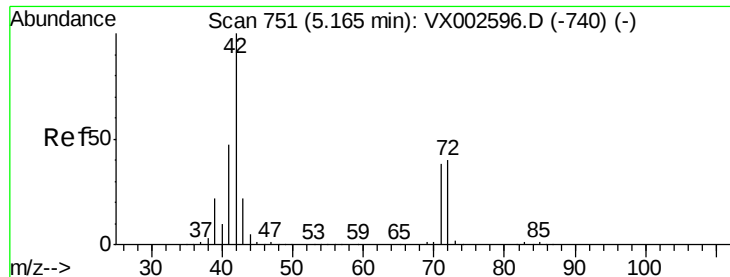


#28

Bromochloromethane
Concen: 49.792 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	79.6	61.2	91.8	





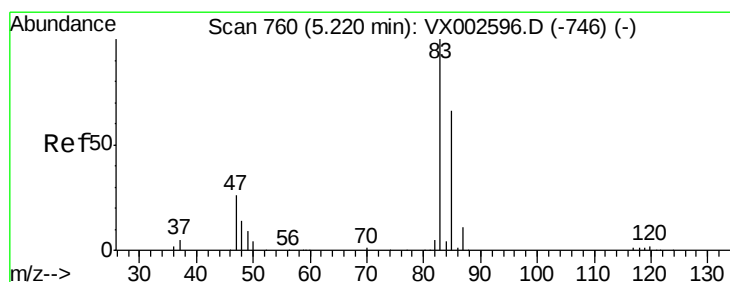
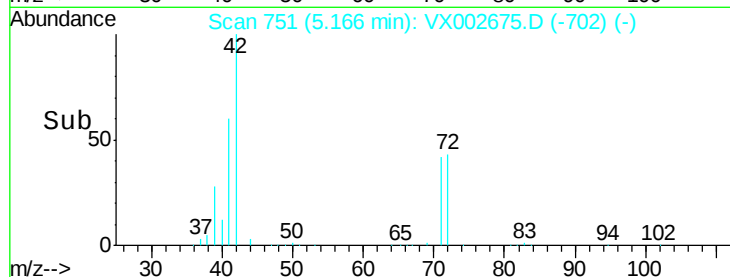
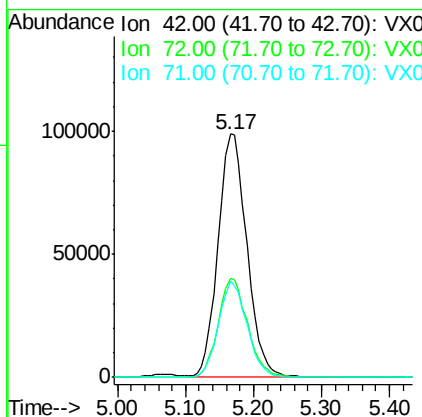
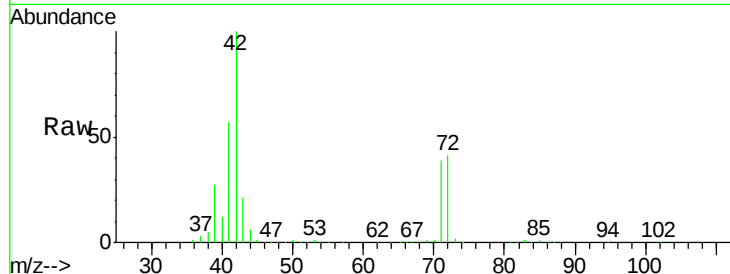
#29
Tetrahydrofuran
Concen: 228.696 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	39.0	30.1	45.1

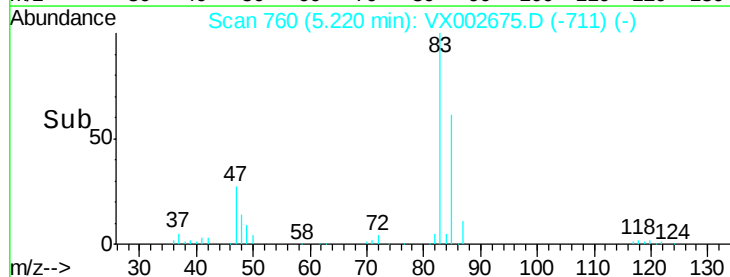
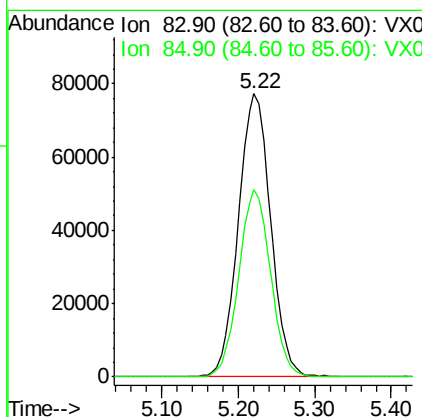
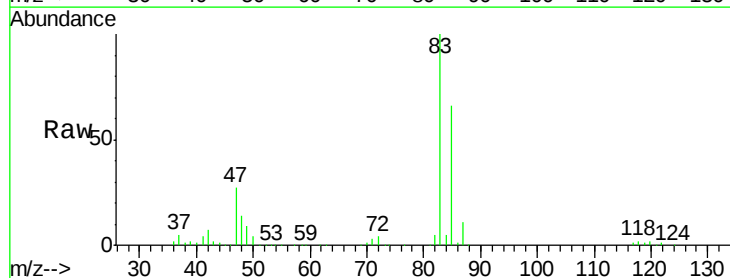
Manual Integrations
APPROVED

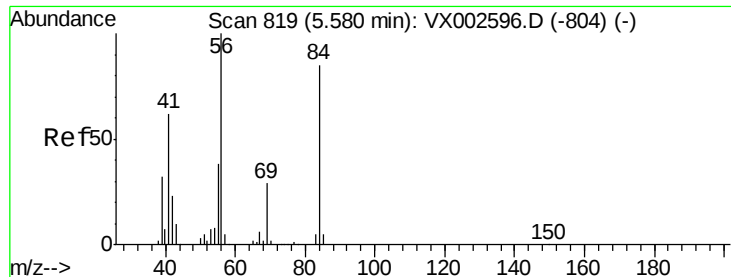
MMDadoda
6/19/2018 1:04:56 PM



#30
Chloroform
Concen: 49.201 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.4	75.6





#31

Cyclohexane

Concen: 45.610 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

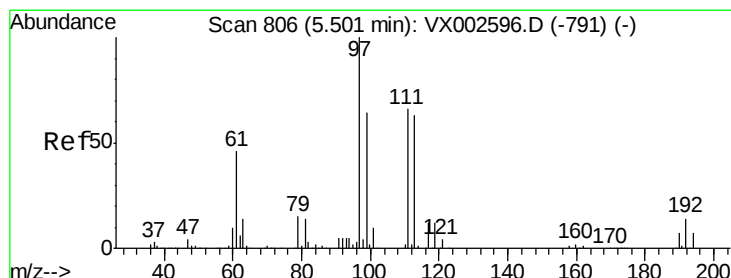
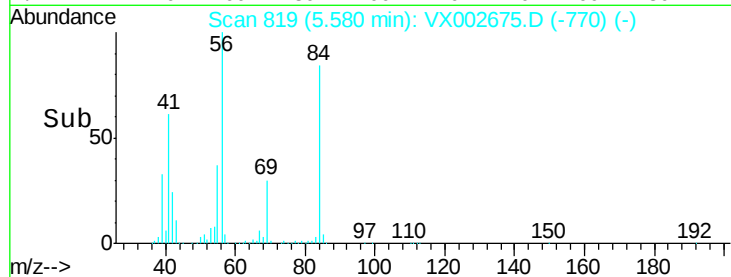
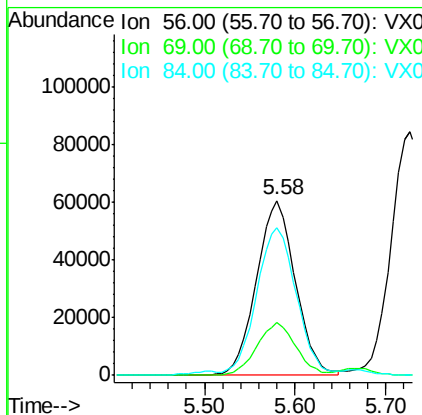
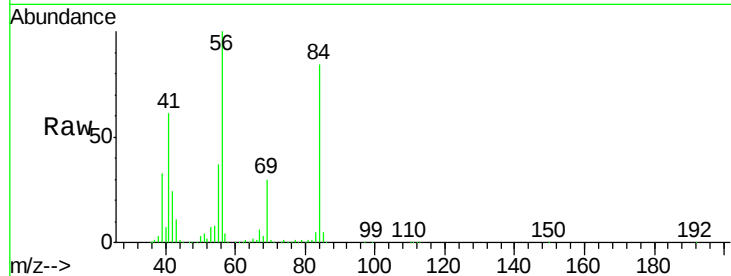
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	179728
Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.7	35.5
84	83.0	64.1	96.1

Manual Integrations
APPROVED

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6/19/2018 1:04:56 PM



#32

1,1,1-Trichloroethane

Concen: 50.952 ug/l

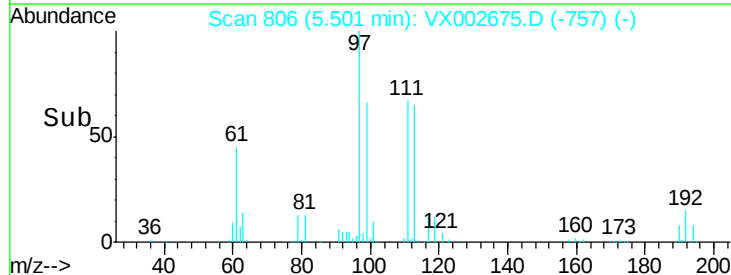
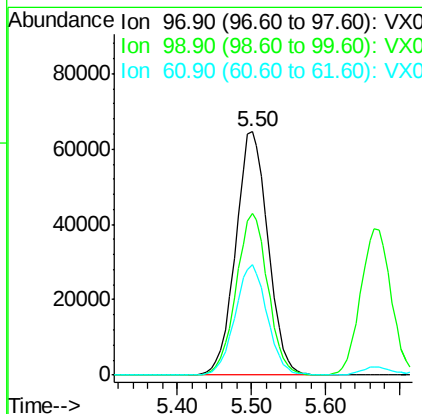
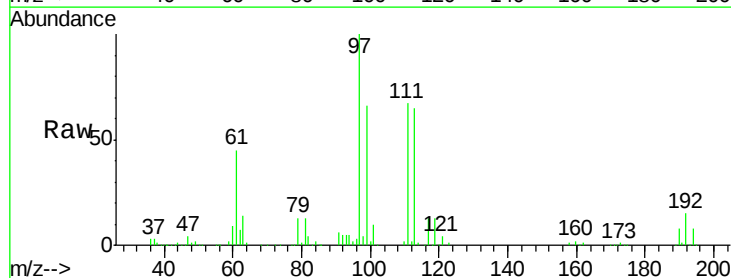
RT: 5.50 min Scan# 806

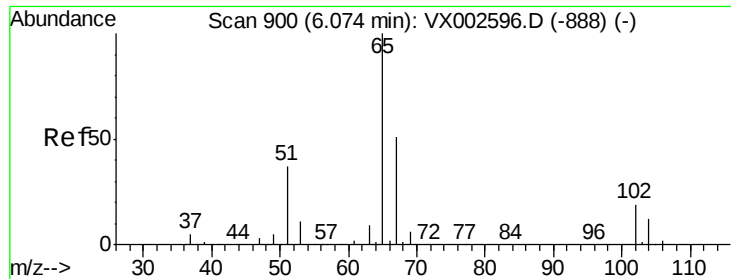
Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion:	97	Resp:	196677
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	45.2	36.4	54.6





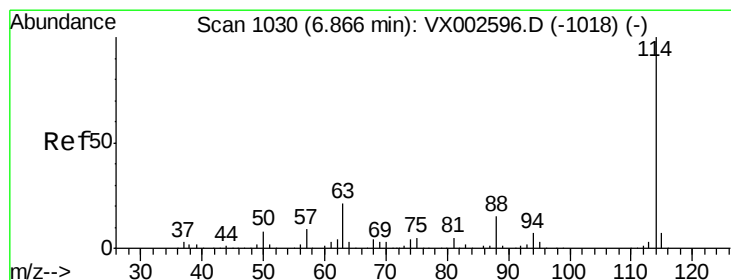
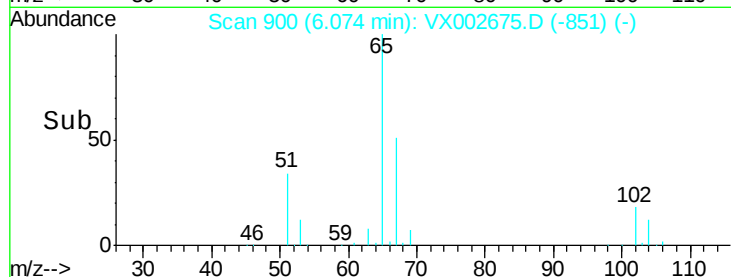
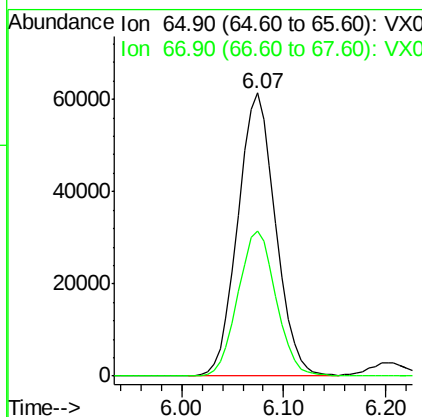
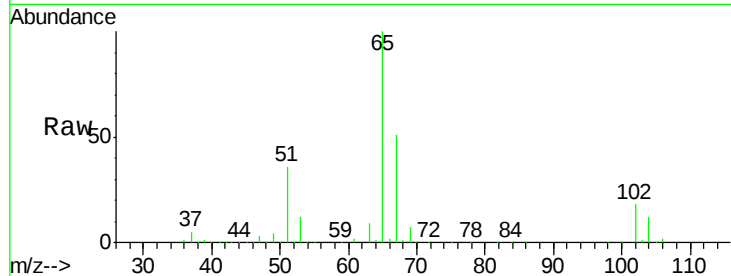
#33
 1,2-Dichloroethane-d4
 Concen: 47.226 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

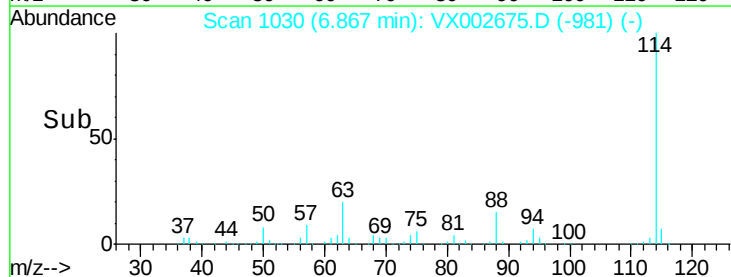
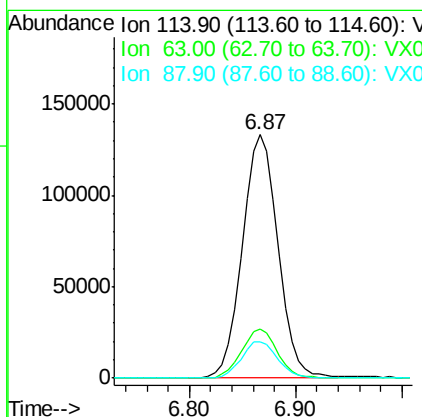
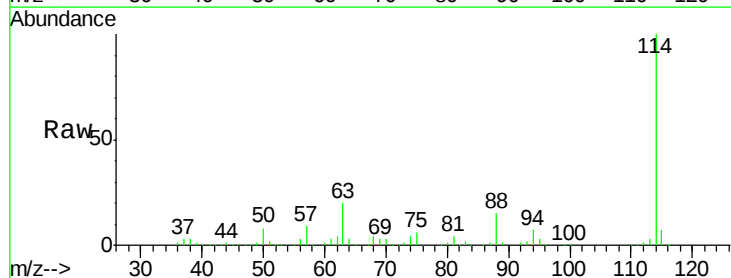
Manual Integrations
 APPROVED

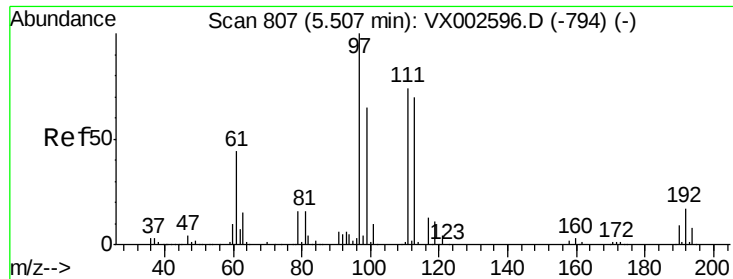
MMDadoda
 6/19/2018 1:04:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.1	0.0	30.0





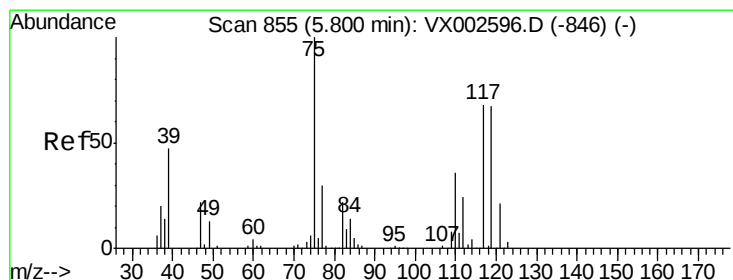
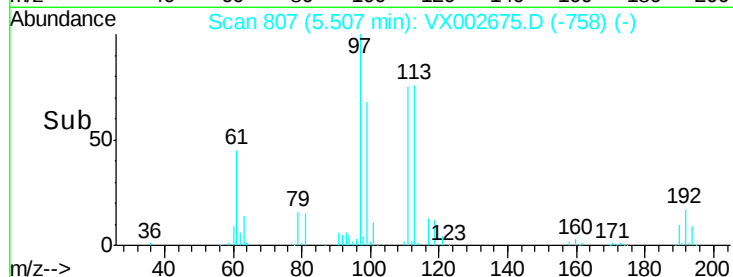
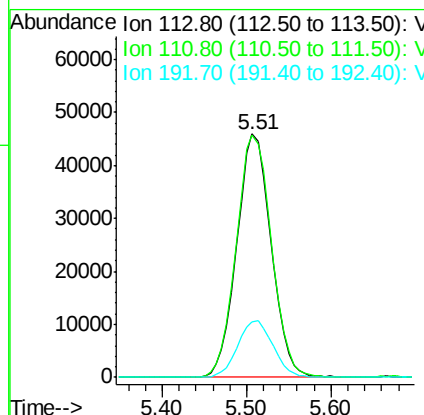
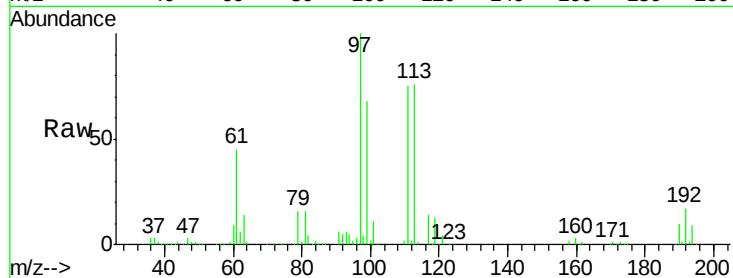
#35
Dibromofluoromethane
Concen: 50.721 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126855		
111	102.0	81.4	122.0	
192	23.9	19.1	28.7	

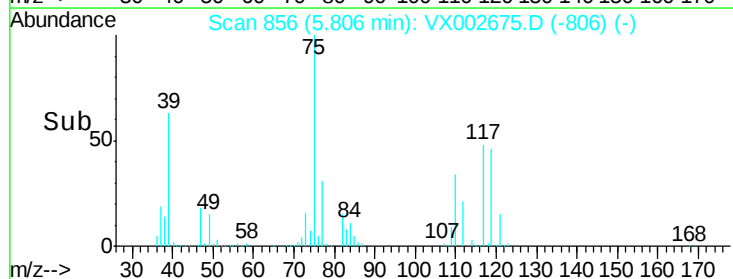
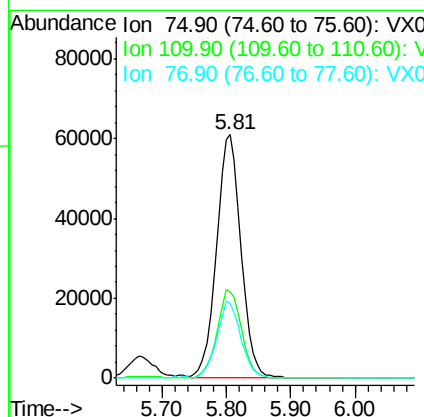
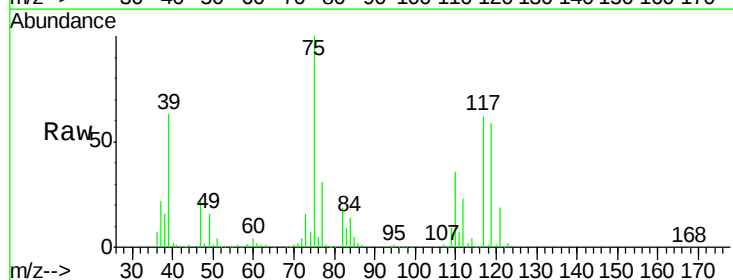
Manual Integrations
APPROVED

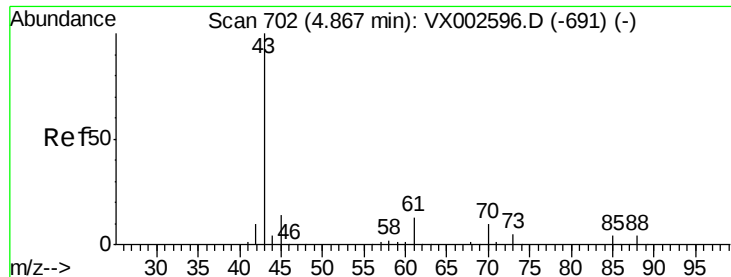
MMDadoda
6/19/2018 1:04:56 PM



#36
1,1-Dichloropropene
Concen: 49.126 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	163502		
110	36.3	18.1	54.4	
77	30.3	24.3	36.5	





#37

Ethyl Acetate

Concen: 47.580 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

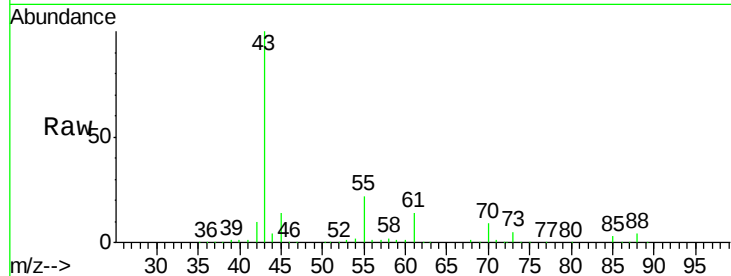
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	179238
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.4	7.6	11.4

Manual Integrations
APPROVED

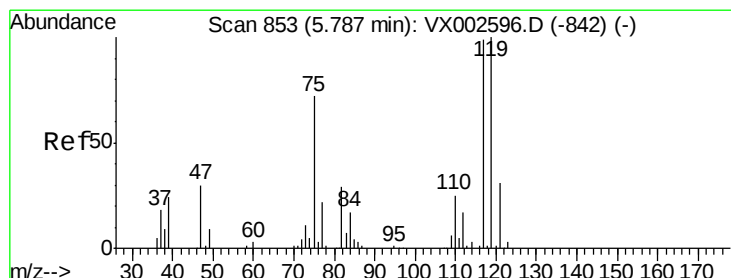
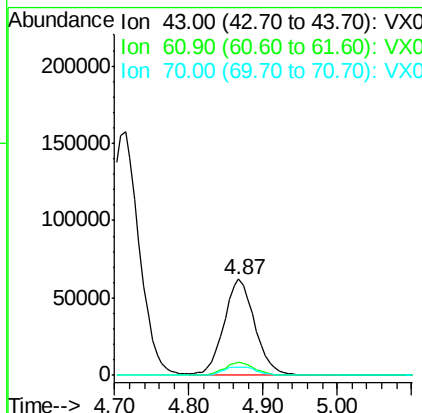
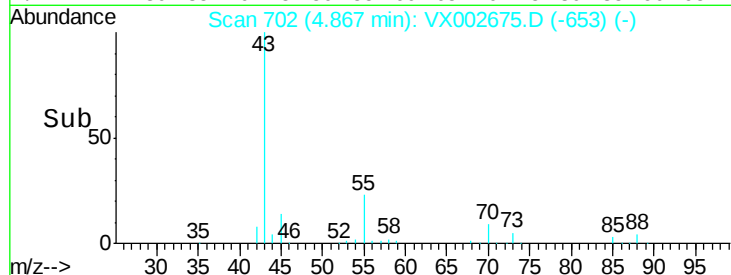
MMDadoda
6/19/2018 1:04:56 PM



Abundance Ion 43.00 (42.70 to 43.70): VX002675.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX002675.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002675.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 52.027 ug/l

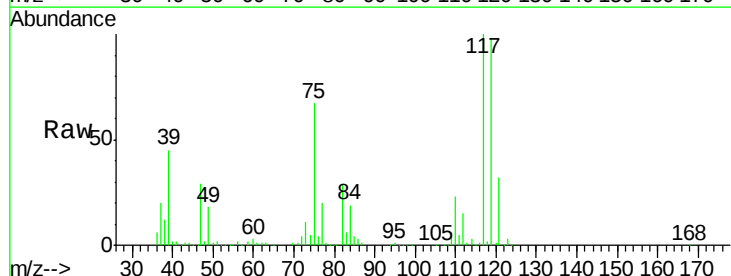
RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

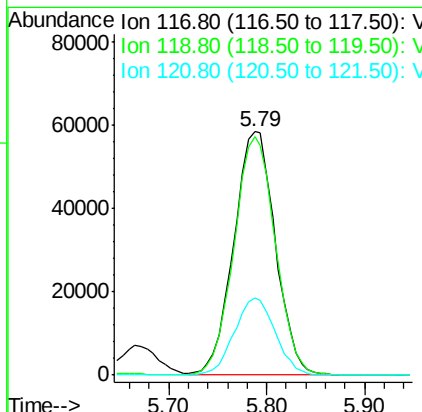
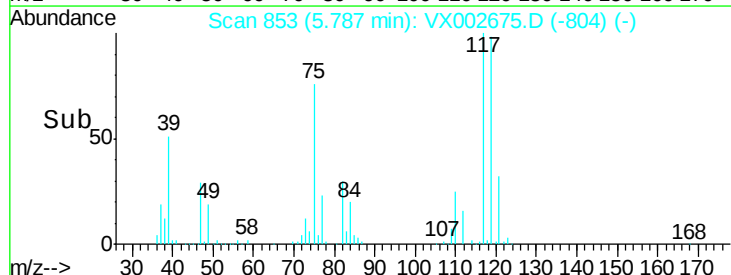
Tgt Ion:	117	Resp:	172426
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
121	31.5	24.4	36.6

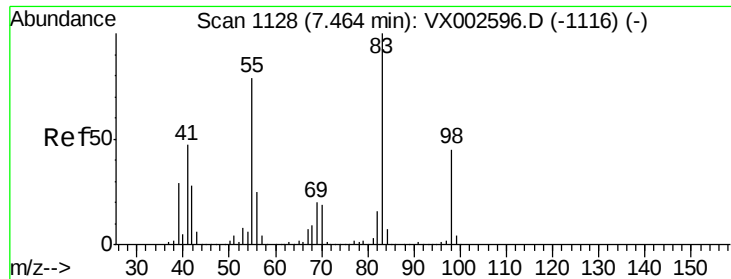


Abundance Ion 116.80 (116.50 to 117.50): VX002675.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX002675.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002675.D (-804) (-)





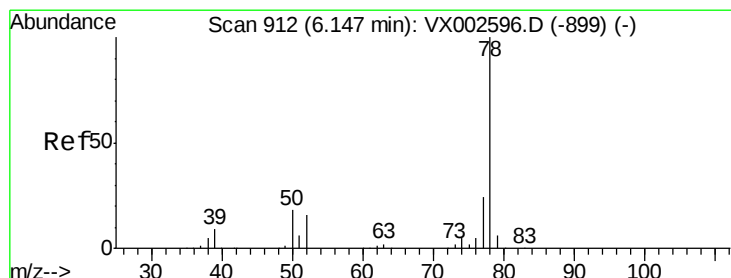
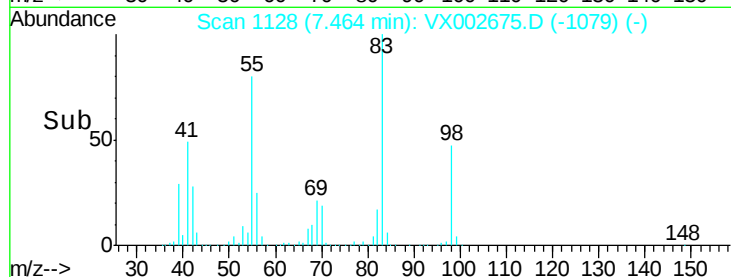
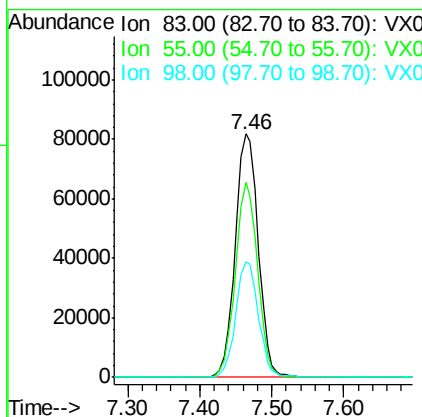
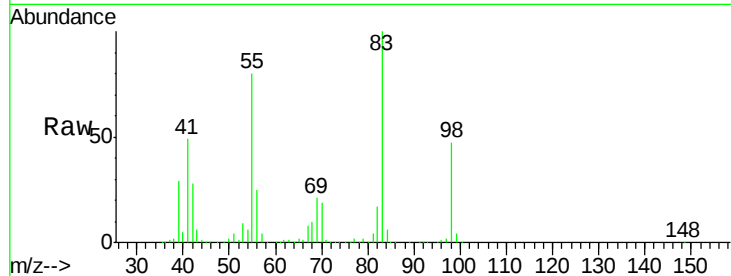
#39
Methvlcvclohexane
Concen: 46.744 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	65.4	98.0
98	47.3	37.4	56.0

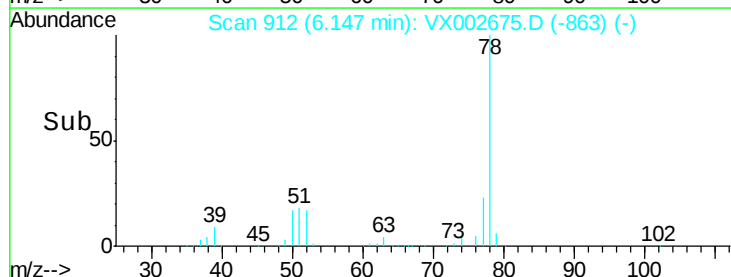
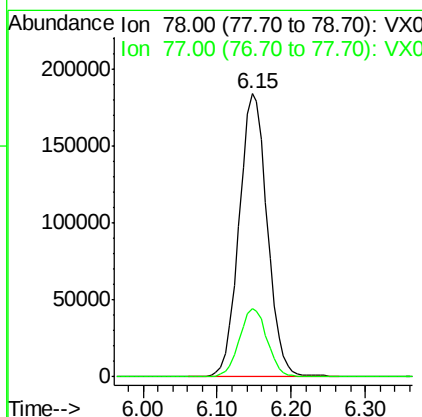
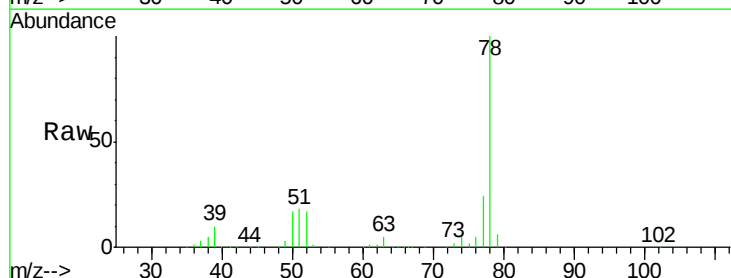
Manual Integrations
APPROVED

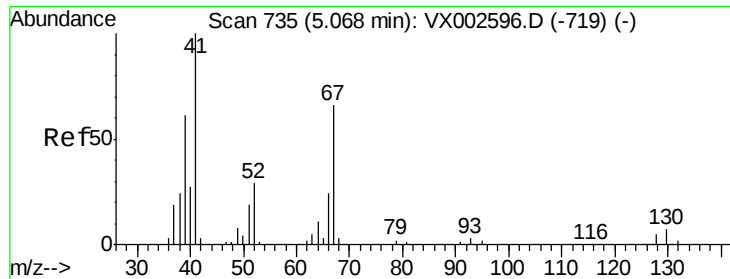
MMDadoda
6/19/2018 1:04:56 PM



#40
Benzene
Concen: 48.994 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





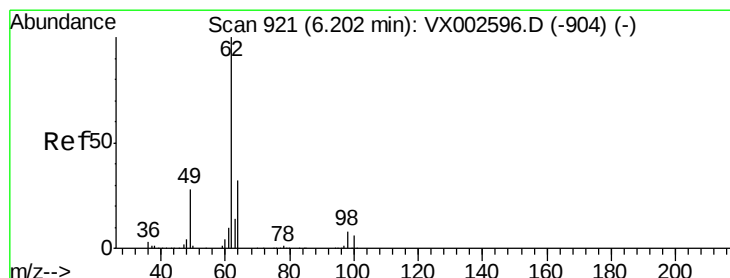
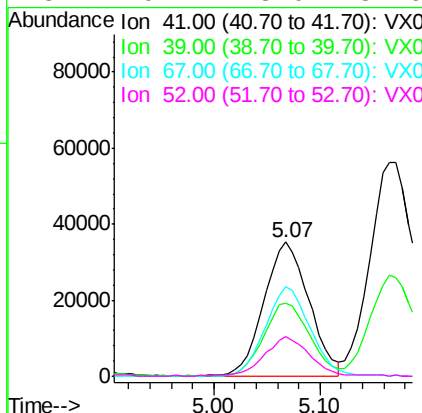
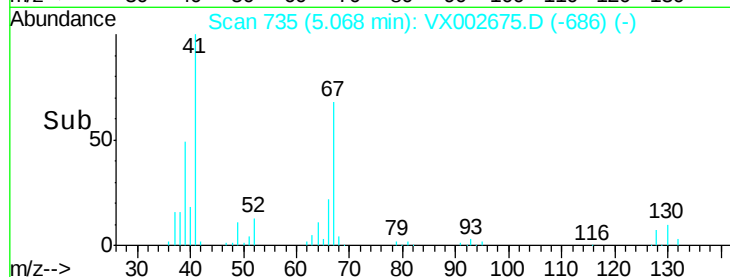
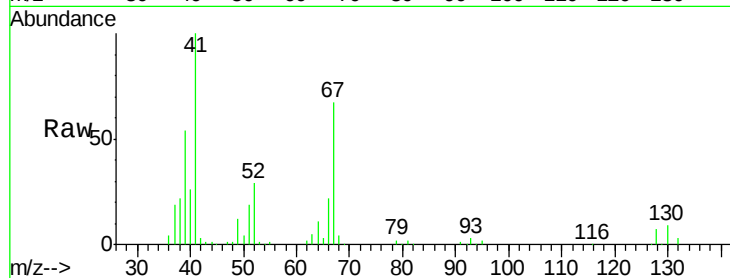
#41
Methacrylonitrile
Concen: 48.590 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	45.8	68.6	
67	66.5	51.3	76.9	
52	29.2	23.0	34.6	

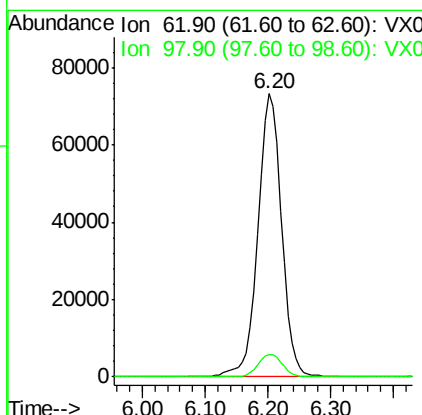
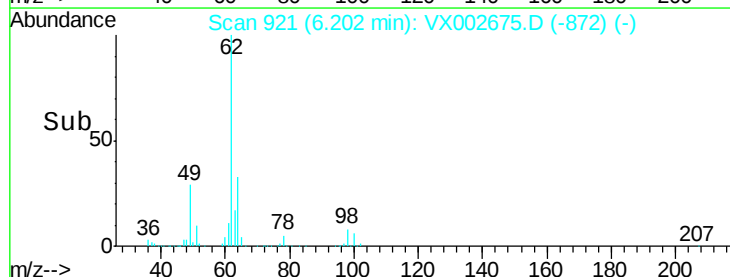
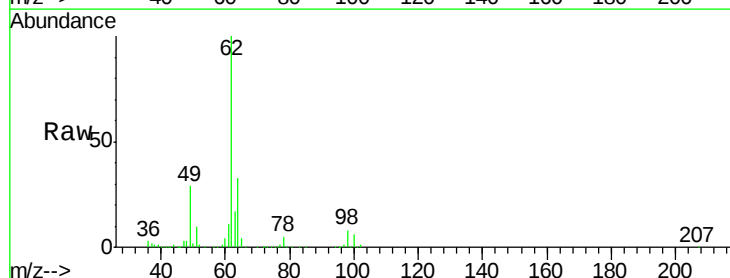
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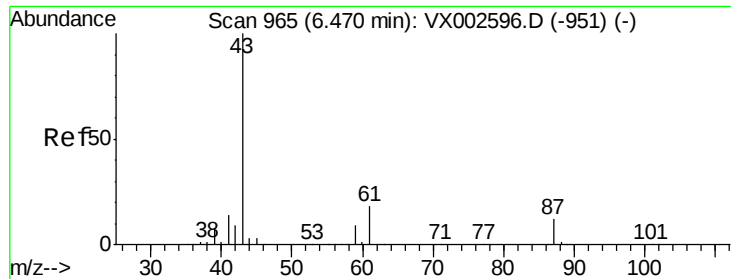
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.447 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

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





#43

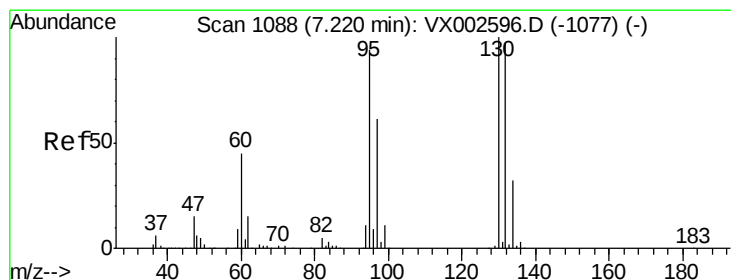
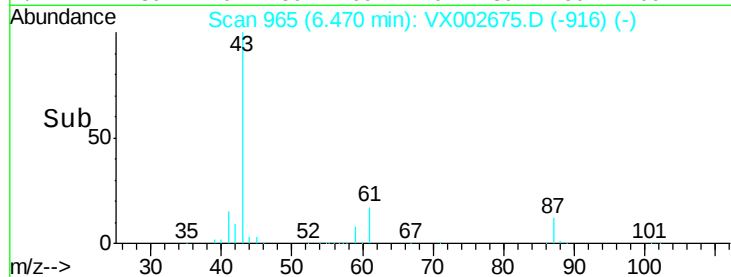
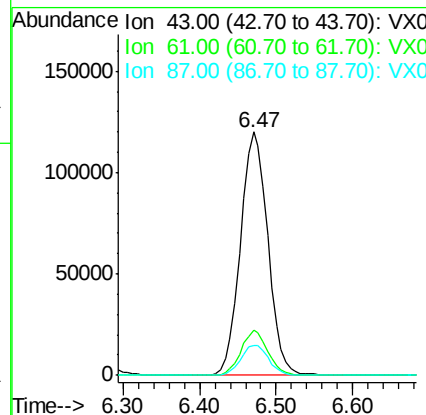
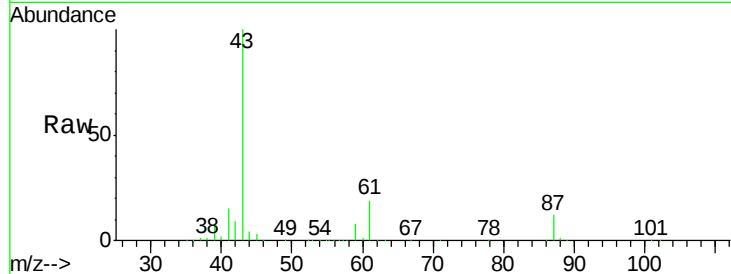
Isopropyl Acetate
 Concen: 47.627 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.6	9.5	14.3

Manual Integrations
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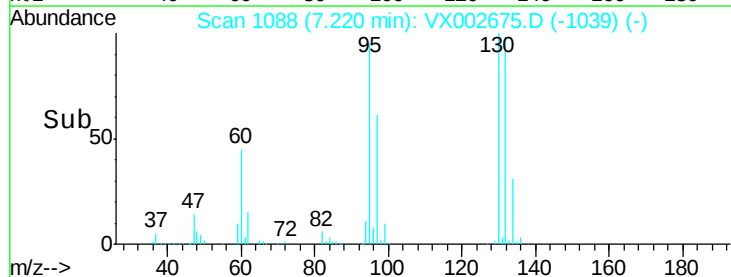
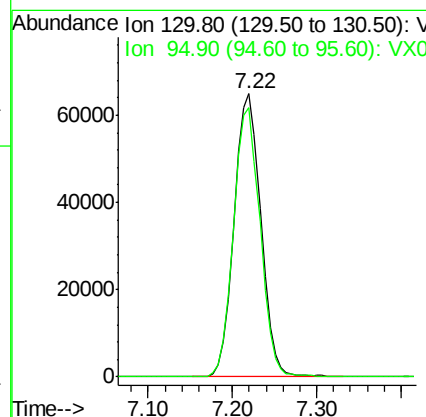
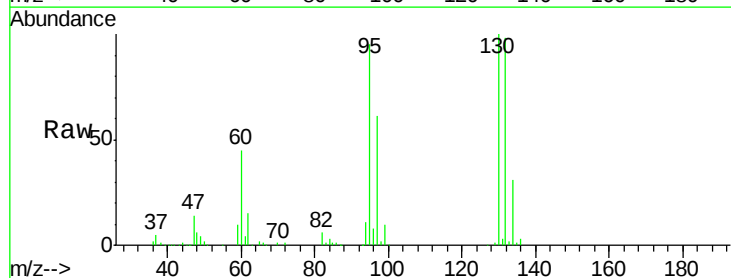
MMDadoda
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#44

Trichloroethene
 Concen: 48.547 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	185.4





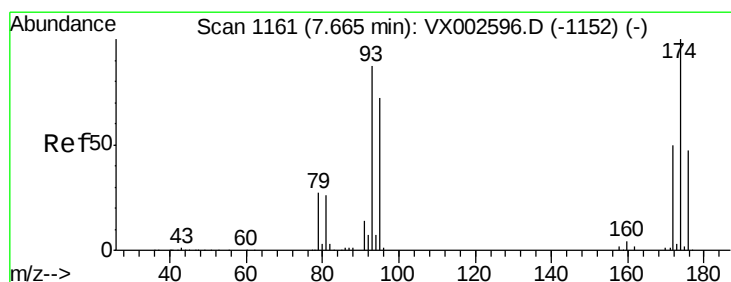
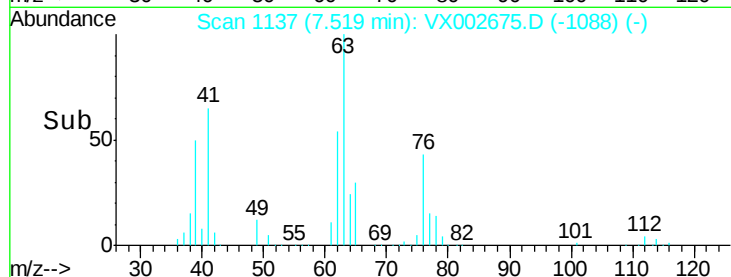
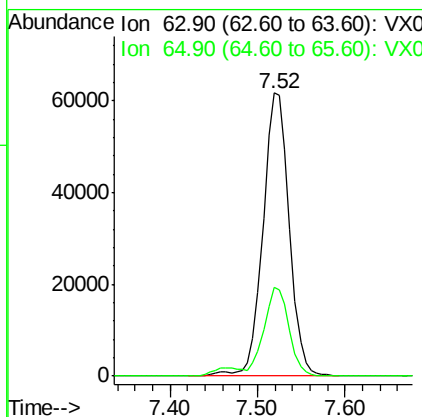
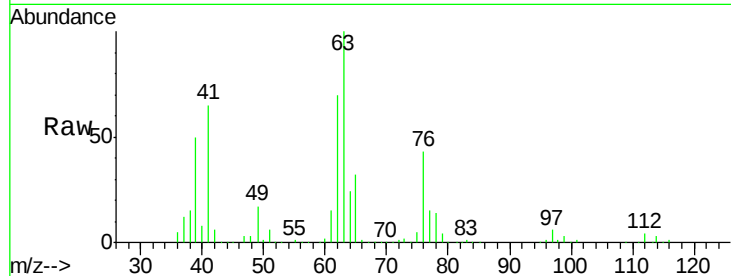
#45
 1,2-Dichloropropane
 Concen: 49.579 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 63 Resp: 130220
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1

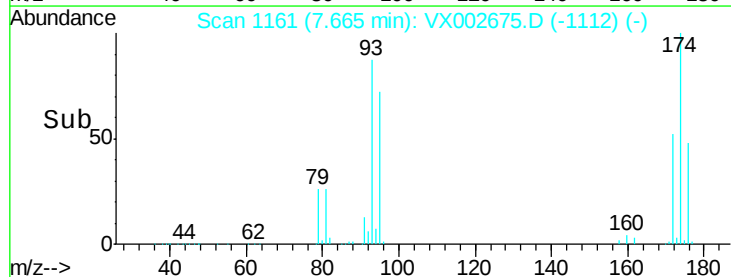
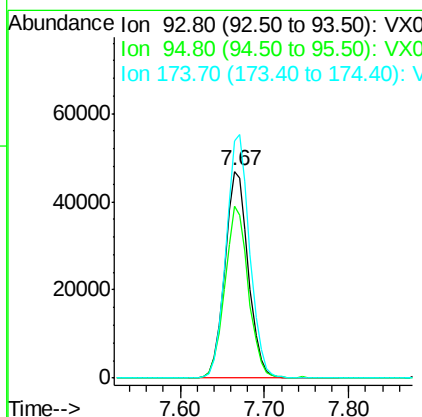
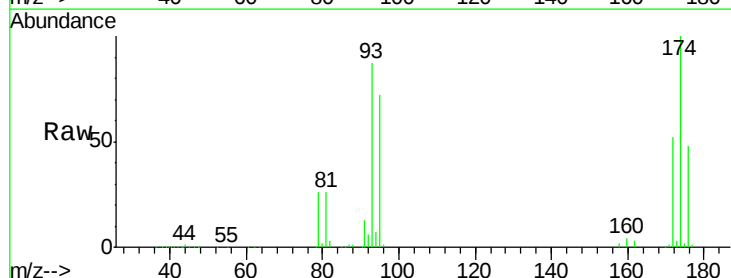
Manual Integrations
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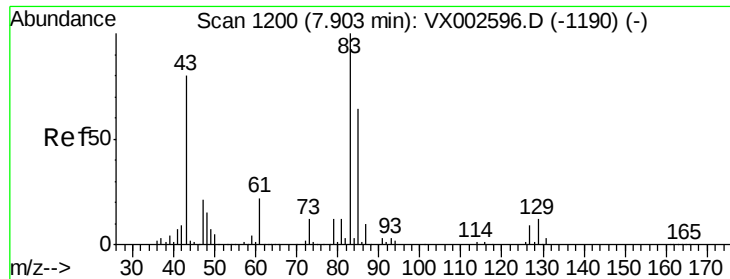
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#46
 Dibromomethane
 Concen: 50.673 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion: 93 Resp: 89029
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 118.4 92.4 138.6





#47

Bromodichloromethane

Concen: 53.450 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 165629

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

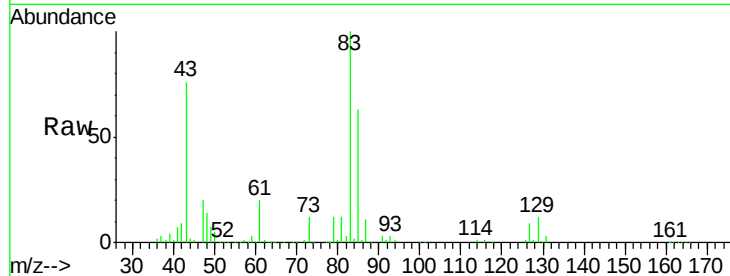
127 9.2 7.0 10.4

Manual Integrations

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MMDadoda

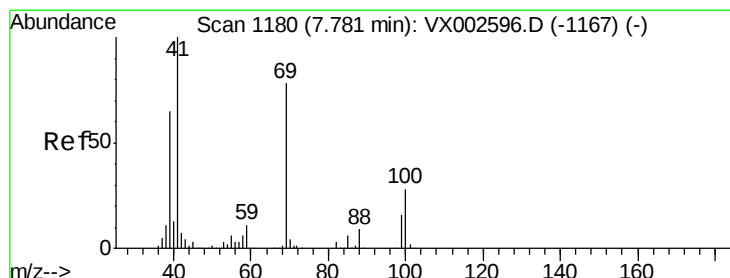
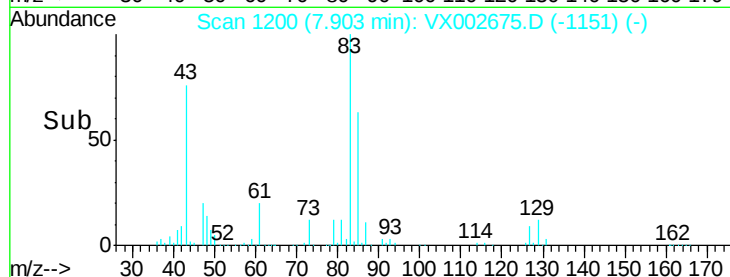
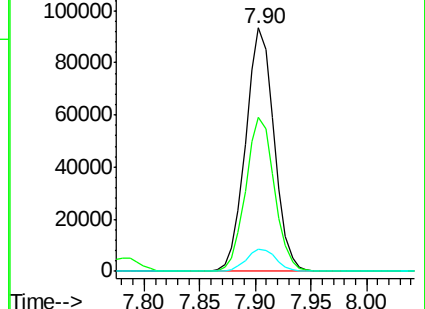
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.960 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

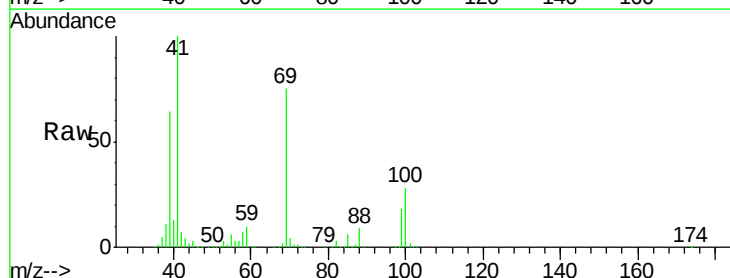
Tgt Ion: 41 Resp: 152966

Ion Ratio Lower Upper

41 100

69 77.5 59.1 88.7

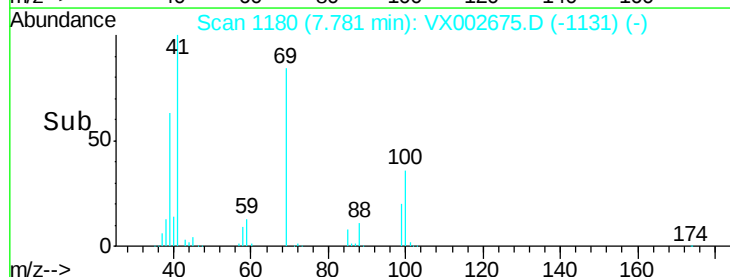
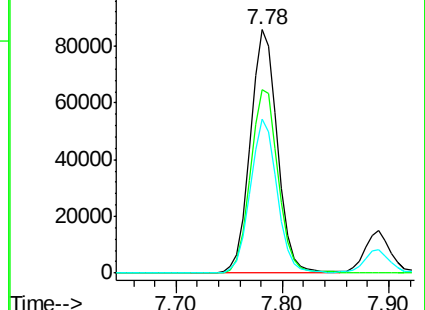
39 62.6 48.9 73.3

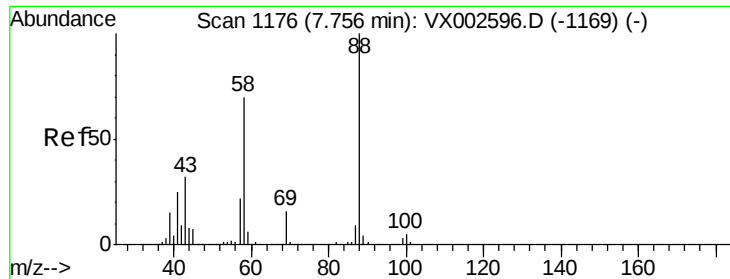


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





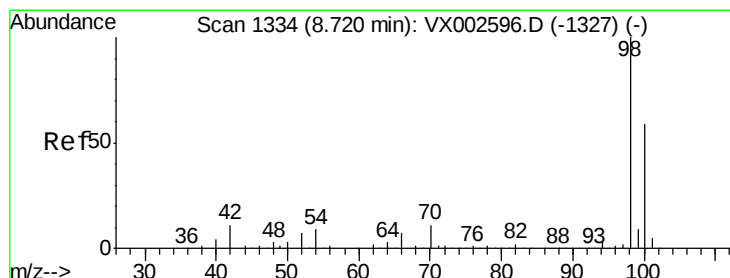
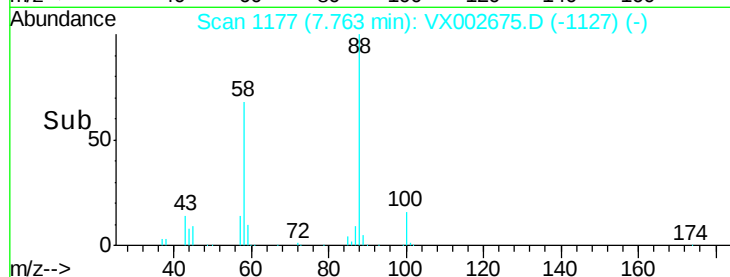
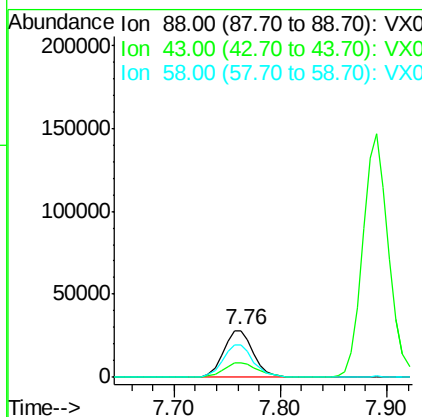
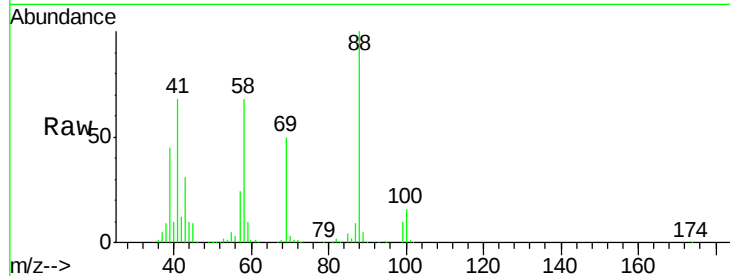
#49
1,4-Dioxane
Concen: 915.942 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.8	44.6
58	70.6	57.1	85.7

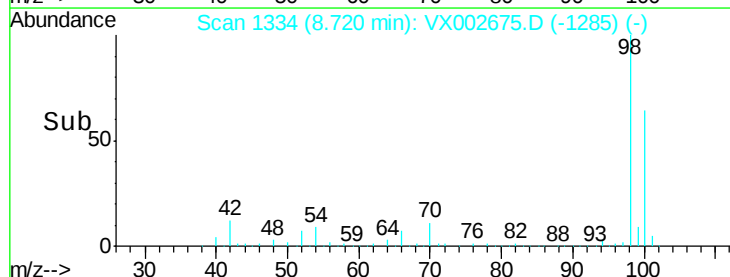
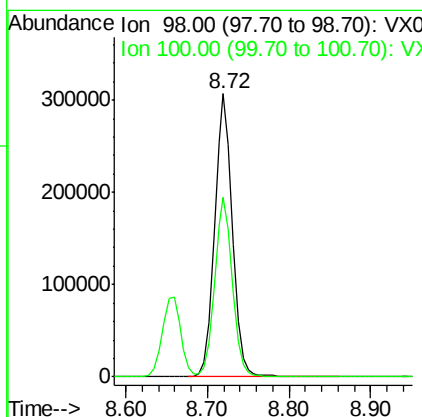
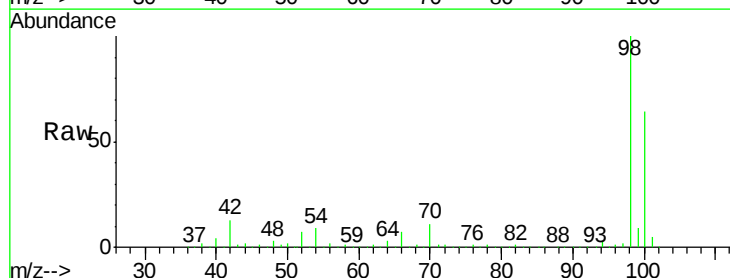
Manual Integrations
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#50
Toluene-d8
Concen: 49.532 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





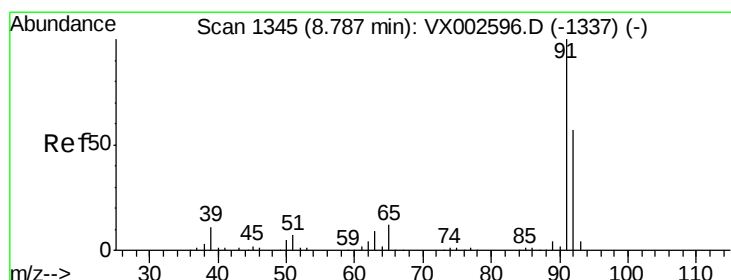
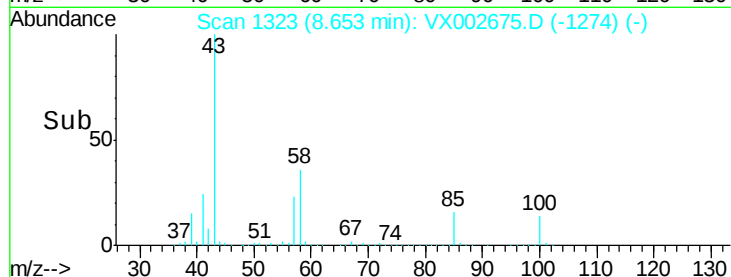
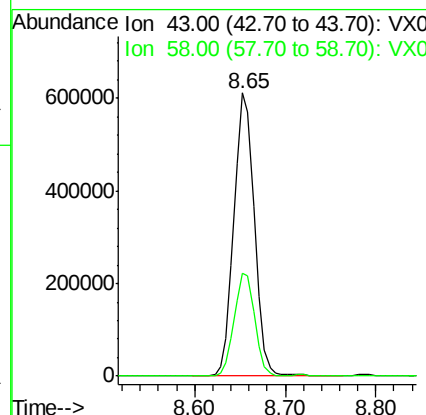
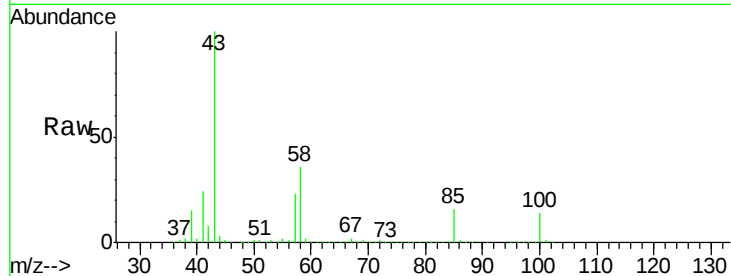
#51
4-Methyl-2-Pentanone
Concen: 239.729 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 960689
Ion Ratio Lower Upper
43 100
58 36.4 28.6 42.8

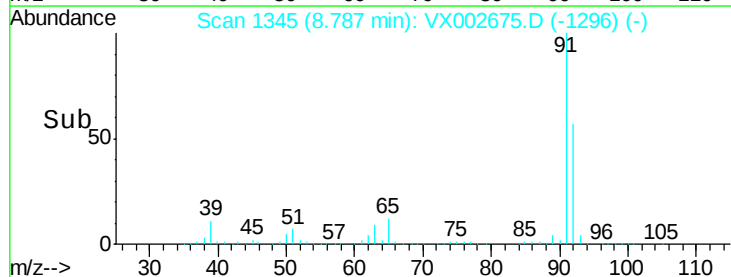
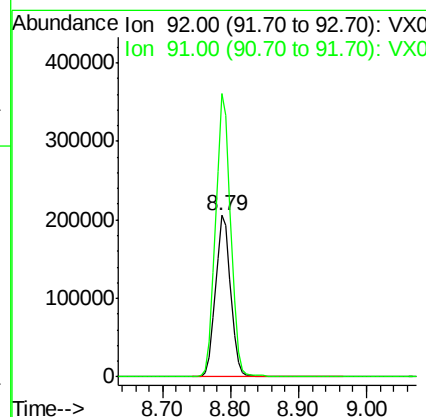
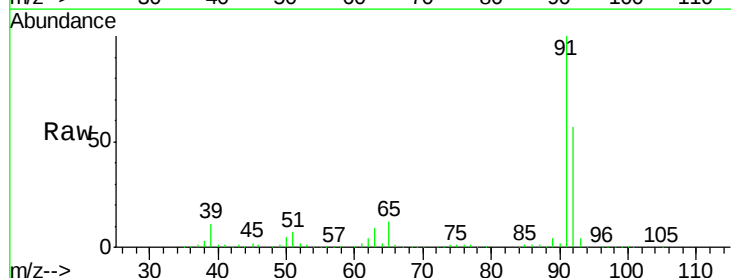
Manual Integrations
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#52
Toluene
Concen: 49.899 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 92 Resp: 317658
Ion Ratio Lower Upper
92 100
91 175.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 45.893 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 187403

Ion Ratio Lower Upper

75 100

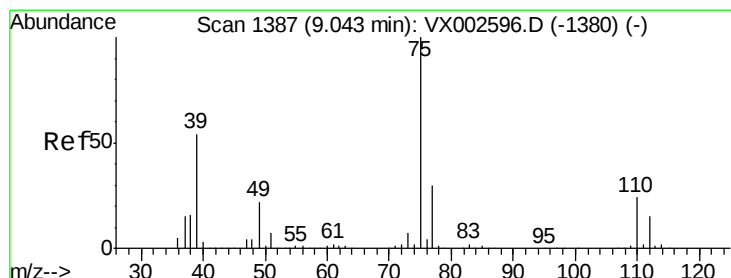
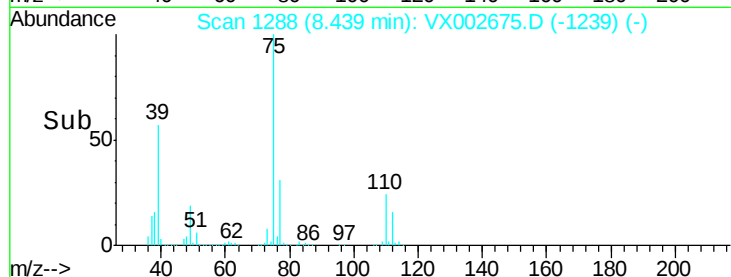
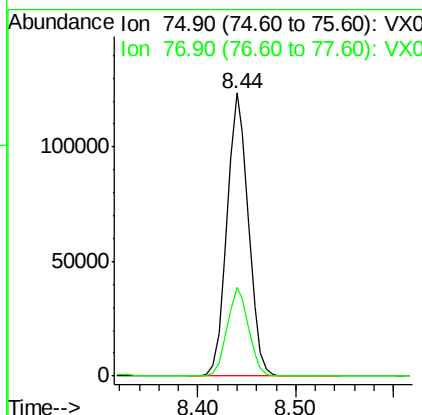
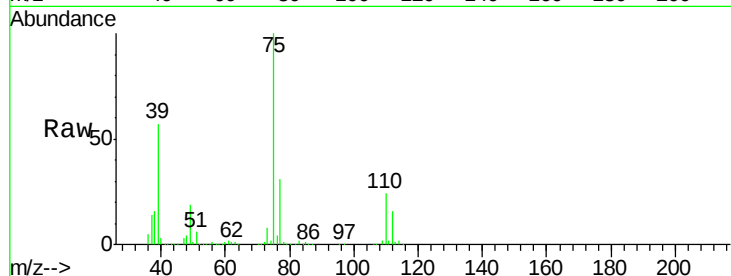
77 31.3 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 44.247 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

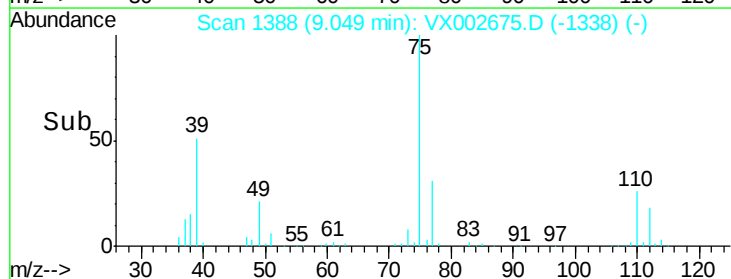
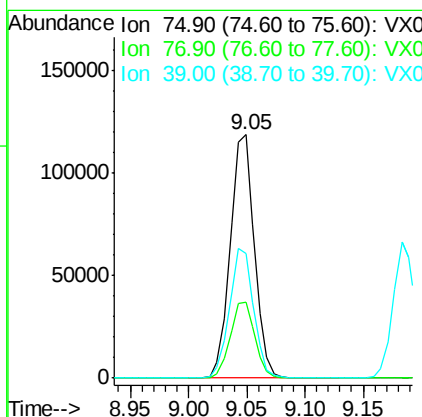
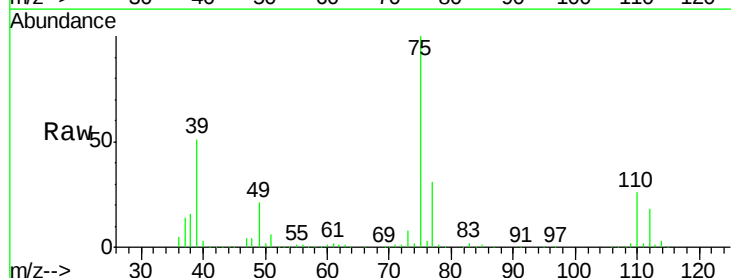
Tgt Ion: 75 Resp: 171595

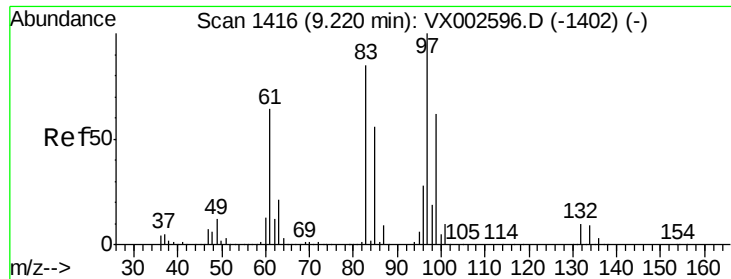
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 51.1 42.4 63.6





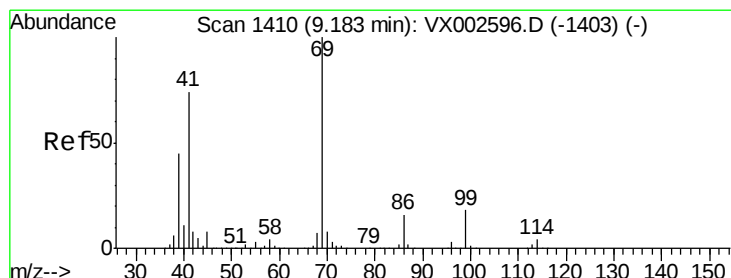
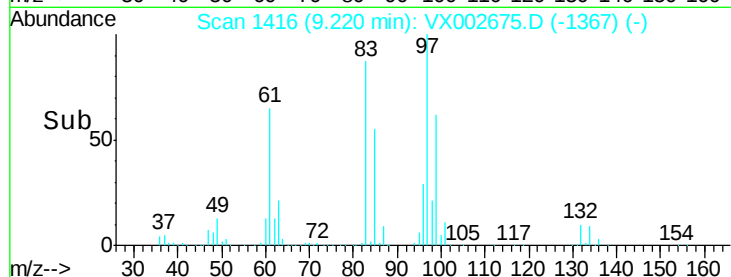
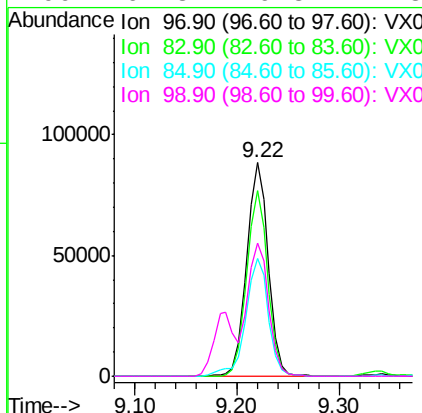
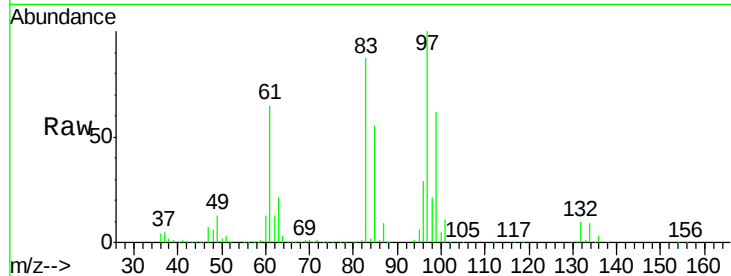
#55
 1,1,2-Trichloroethane
 Concen: 50.823 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	130732
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.2	105.2
85	54.9	44.9	67.3
99	62.3	49.8	74.8

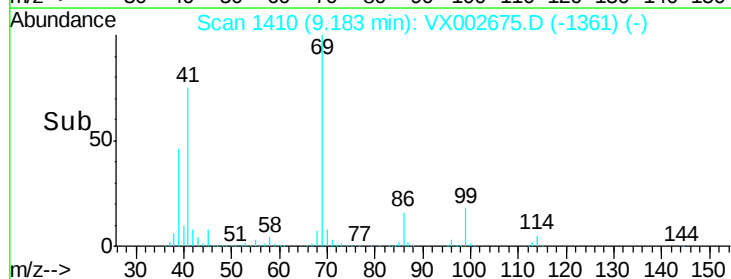
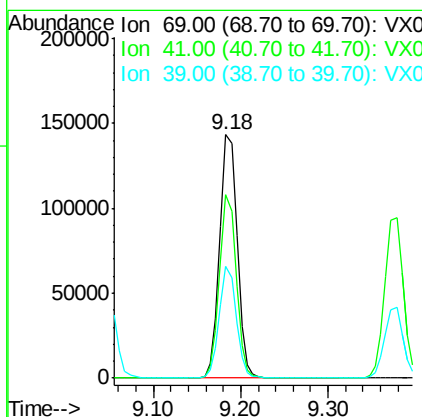
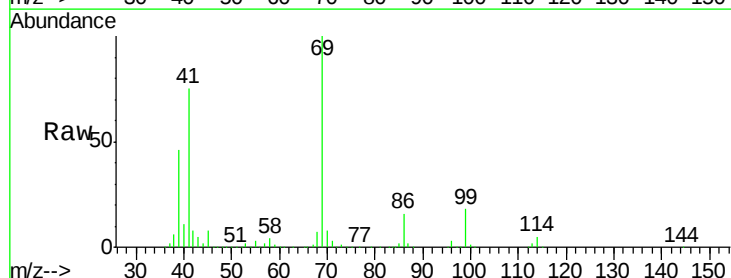
Manual Integrations
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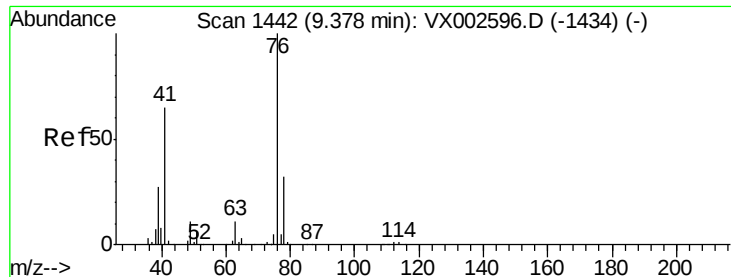
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#56
 Ethyl methacrylate
 Concen: 50.444 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion:	69	Resp:	199687
Ion	Ratio	Lower	Upper
69	100		
41	71.9	60.3	90.5
39	44.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.020 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 213264

Ion Ratio Lower Upper

76 100

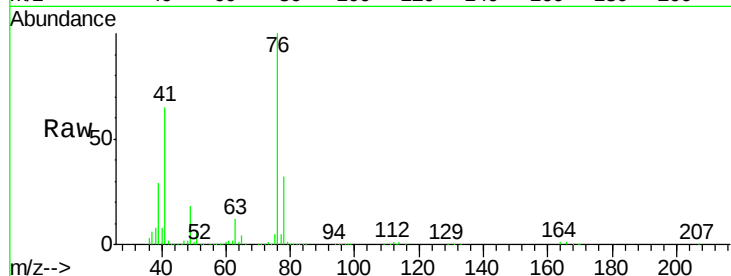
78 32.3 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

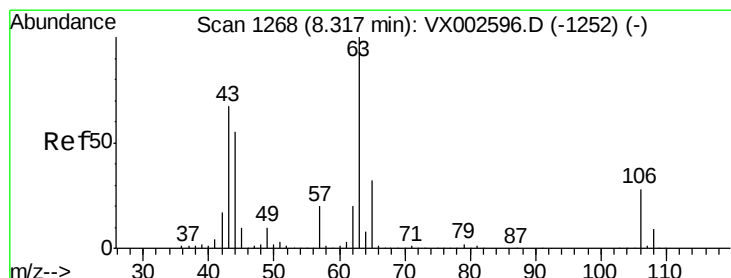
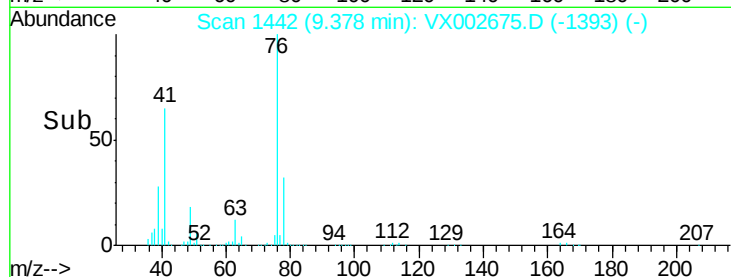
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 256.347 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002675.D

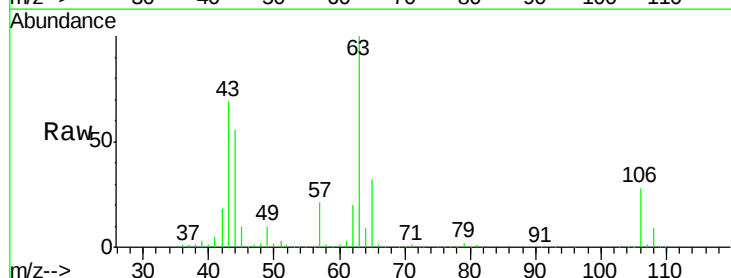
Acq: 17 Jun 2018 03:49

Tgt Ion: 63 Resp: 490813

Ion Ratio Lower Upper

63 100

106 28.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

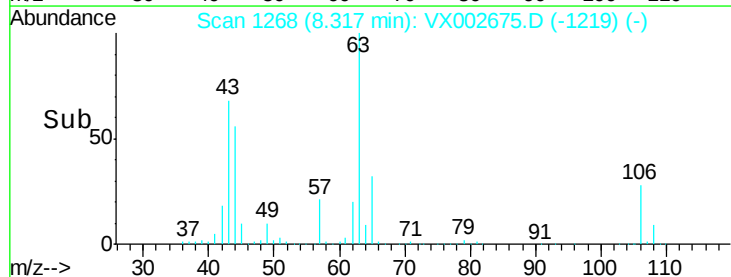
300000

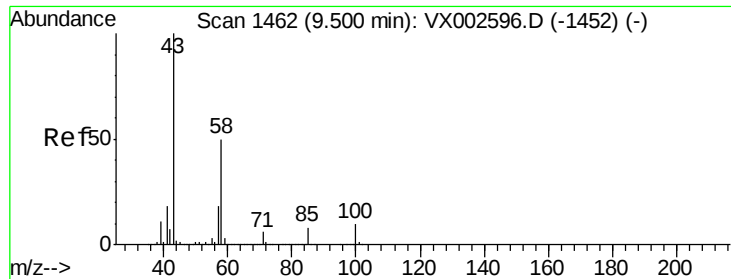
200000

100000

0

Time-->





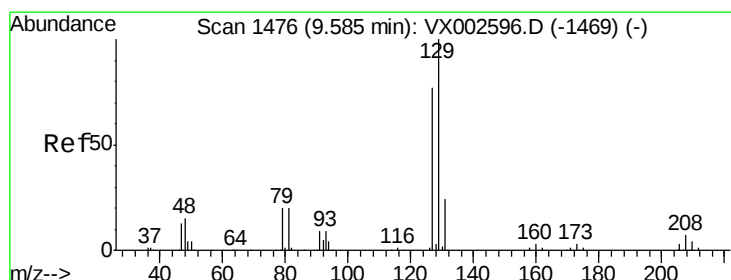
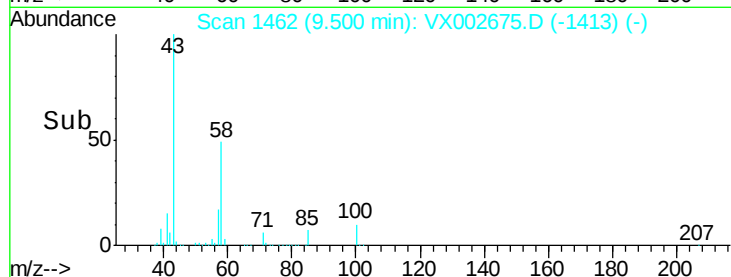
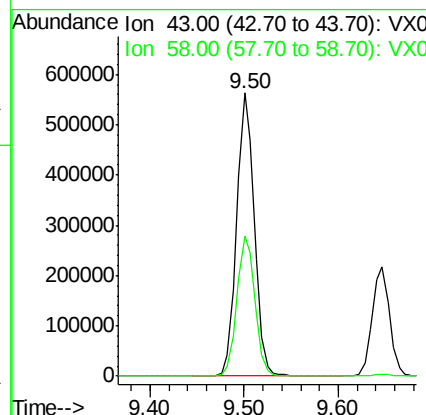
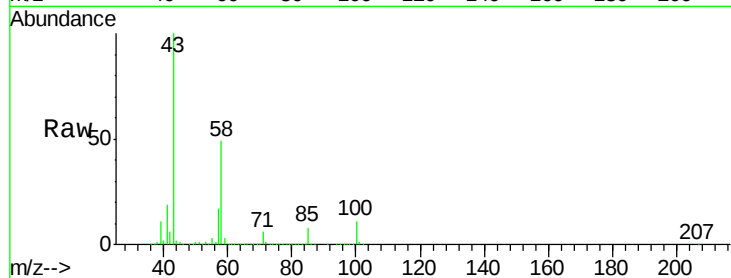
#59
2-Hexanone
Concen: 242.732 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 732983
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

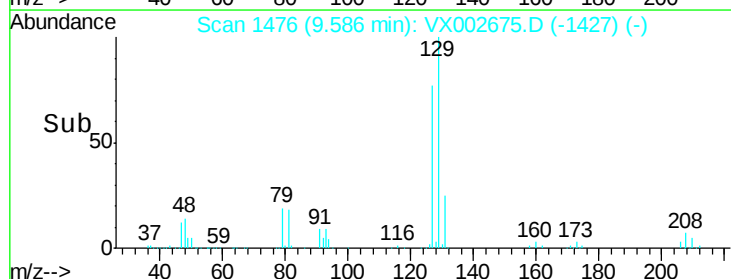
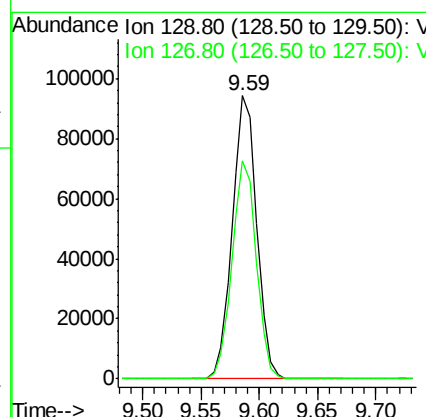
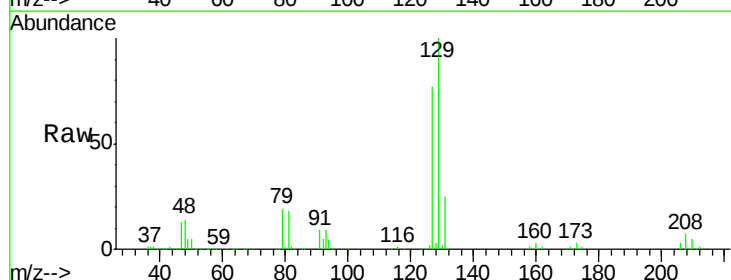
Manual Integrations
APPROVED

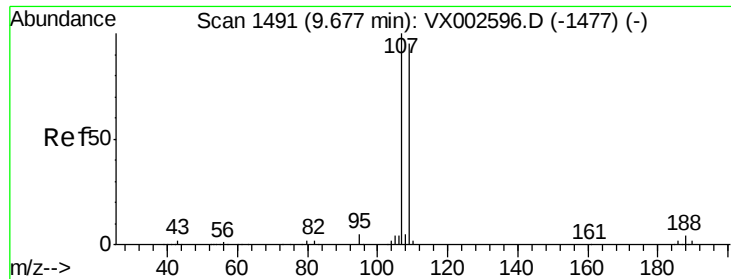
MMDadoda
6/19/2018 1:04:56 PM



#60
Dibromochloromethane
Concen: 47.763 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 129 Resp: 137680
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.547 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 137326

Ion Ratio Lower Upper

107 100

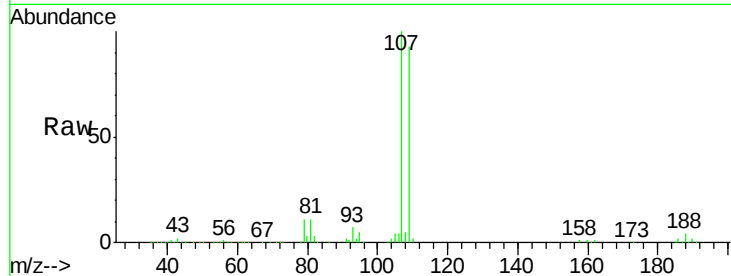
109 94.2 75.3 112.9

Manual Integrations

APPROVED

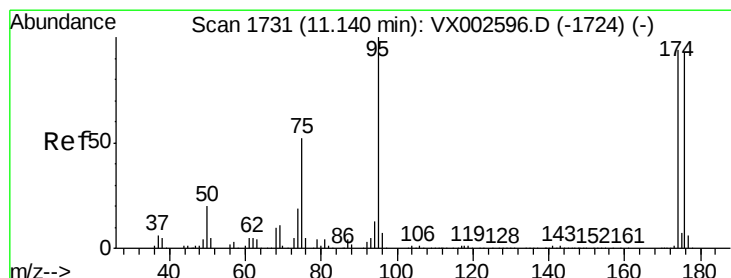
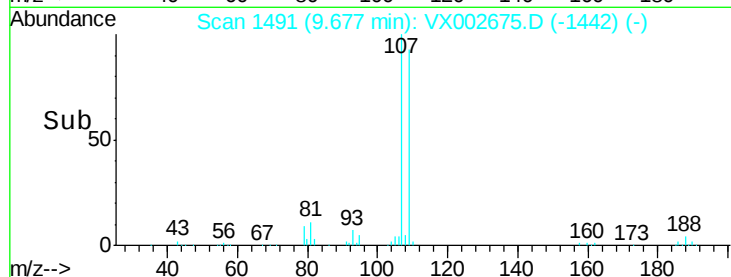
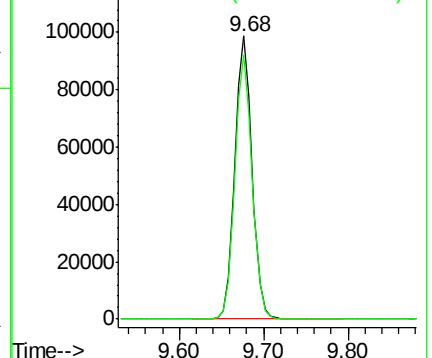
MMDadoda

6/19/2018 1:04:56 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.747 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

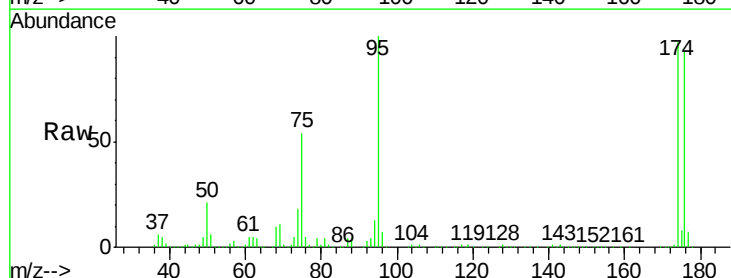
Tgt Ion: 95 Resp: 179015

Ion Ratio Lower Upper

95 100

174 98.5 0.0 187.4

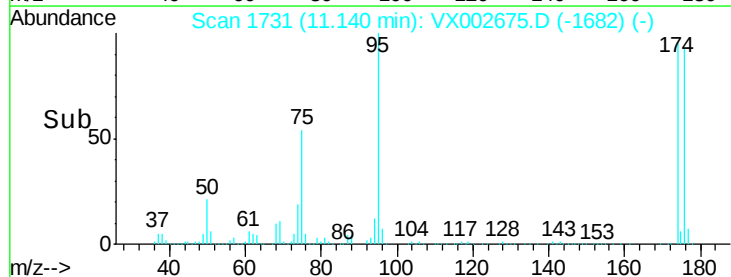
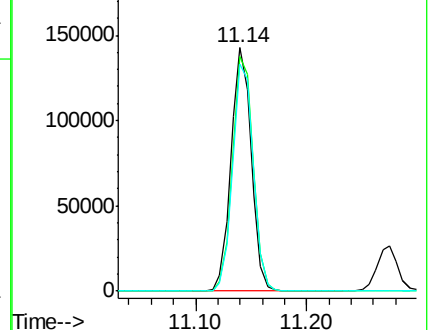
176 95.3 0.0 181.0

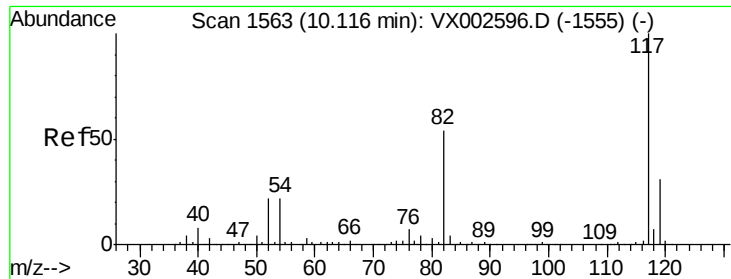


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





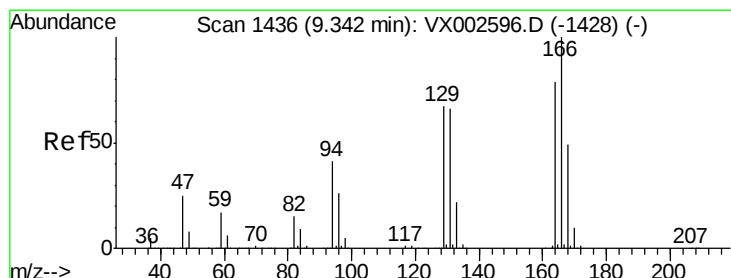
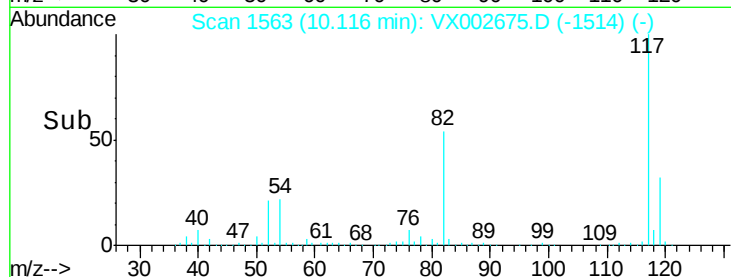
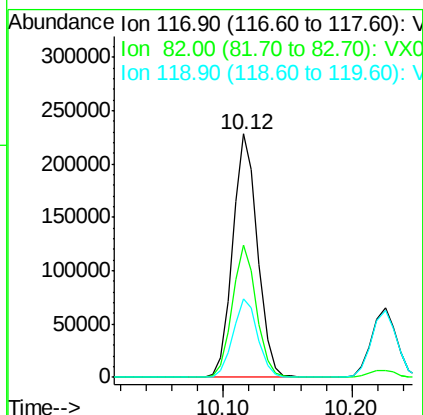
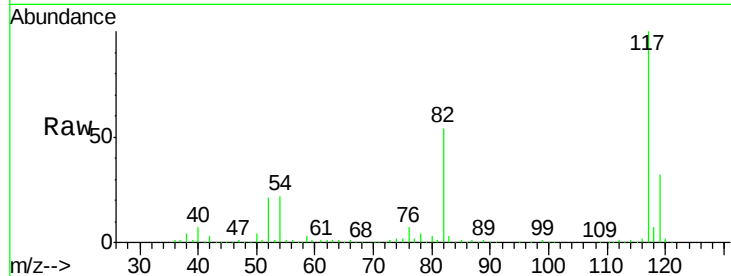
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	32.4	25.8	38.6

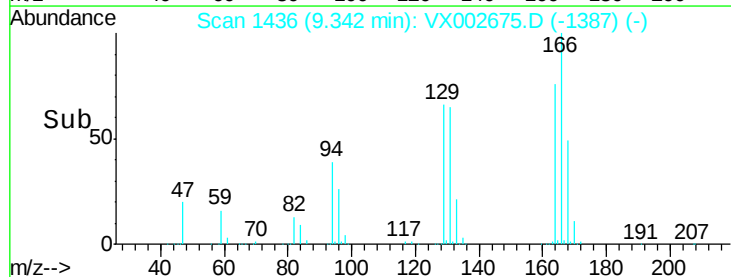
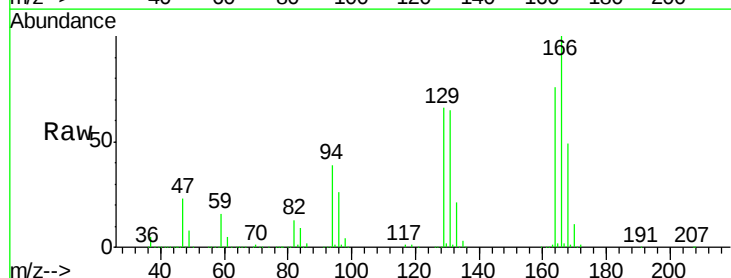
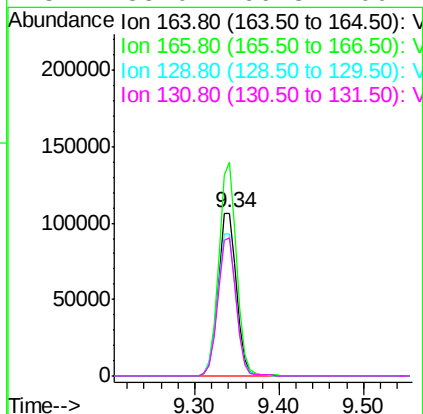
Manual Integrations
APPROVED

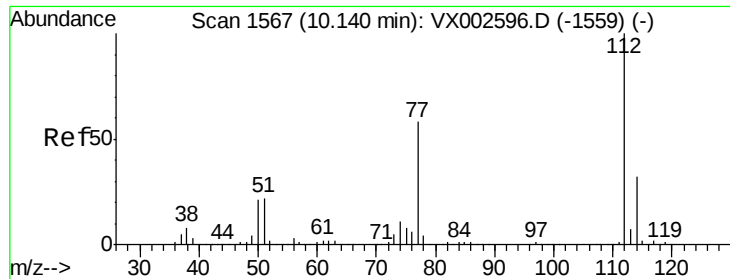
MMDadoda
6/19/2018 1:04:56 PM



#64
Tetrachloroethene
Concen: 47.297 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.9	154.3
129	86.9	68.6	102.8
131	85.0	66.8	100.2





#65

Chlorobenzene

Concen: 48.936 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 367834

Ion Ratio Lower Upper

112 100

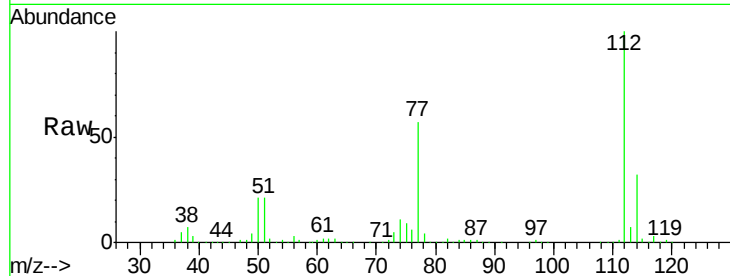
114 32.2 25.3 37.9

Manual Integrations

APPROVED

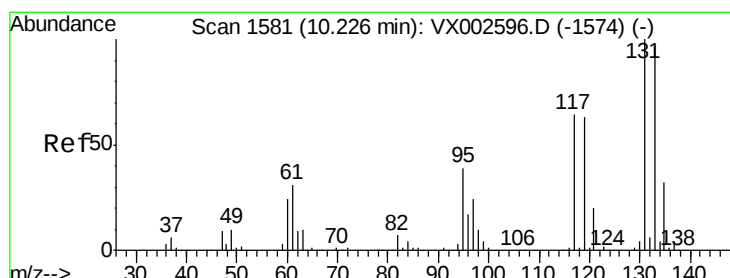
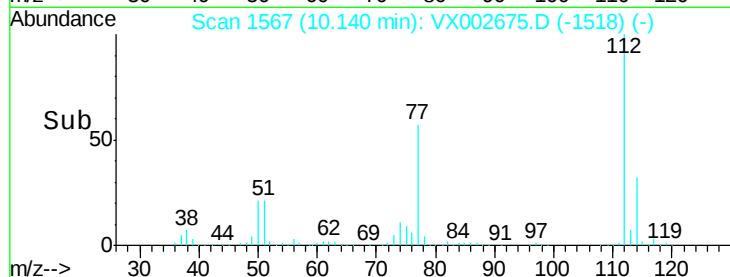
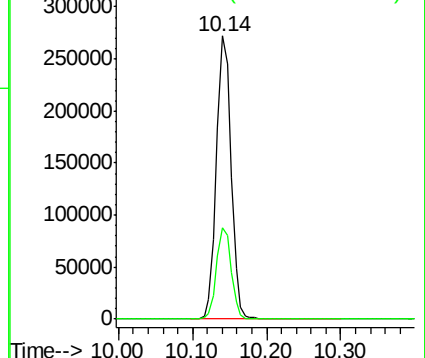
MMDadoda

6/19/2018 1:04:56 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.053 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

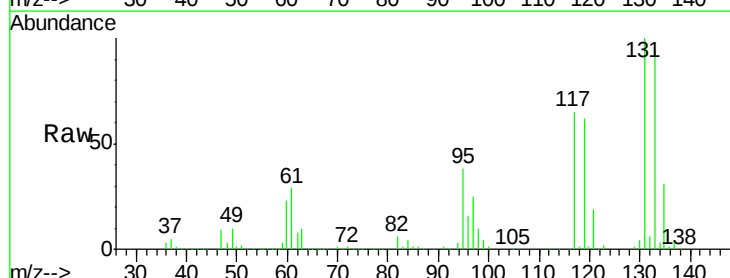
Tgt Ion:131 Resp: 135953

Ion Ratio Lower Upper

131 100

133 94.4 47.9 143.6

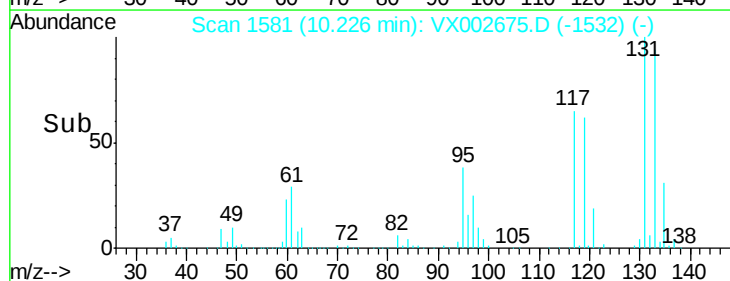
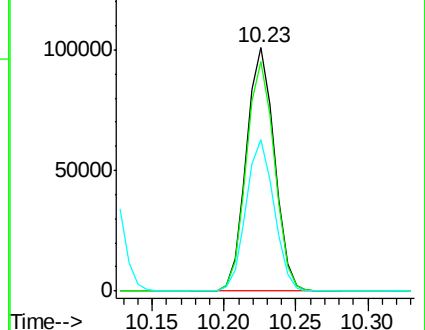
119 62.4 31.8 95.3

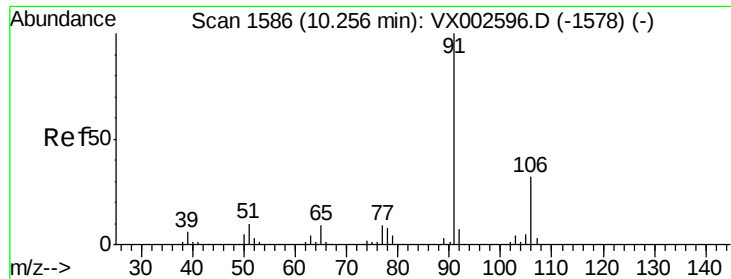


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





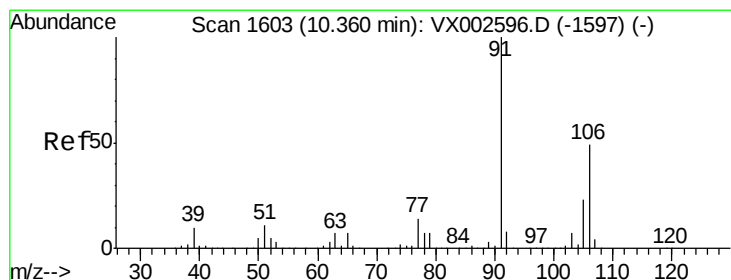
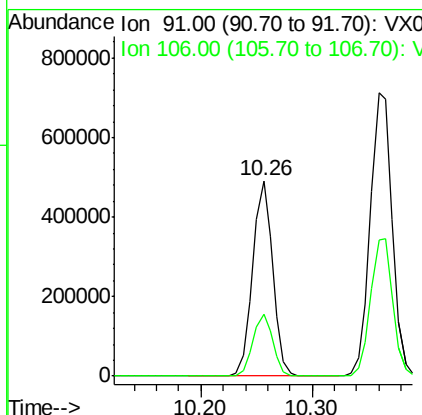
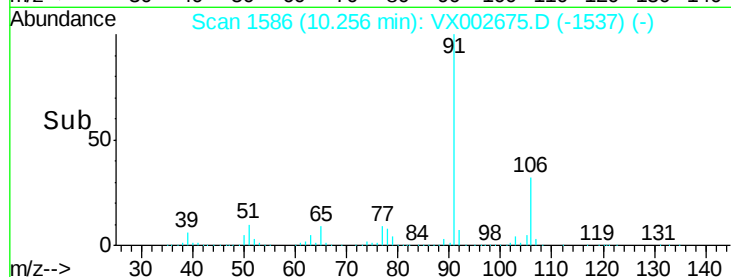
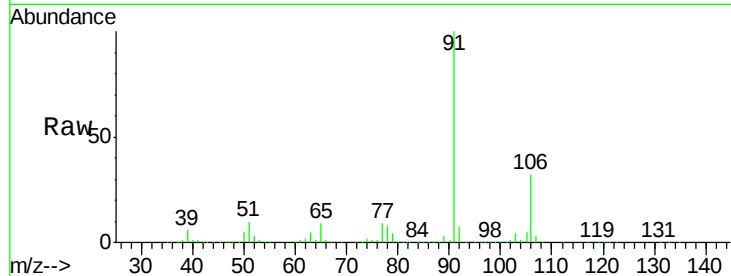
#67
Ethyl Benzene
Concen: 48.830 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 619085
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

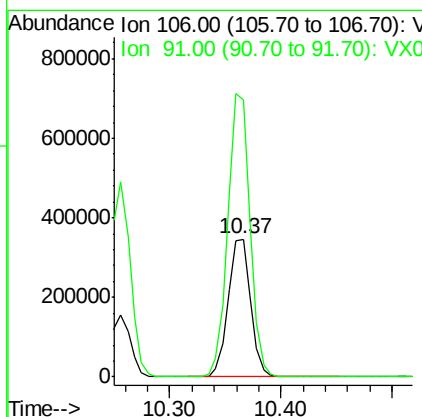
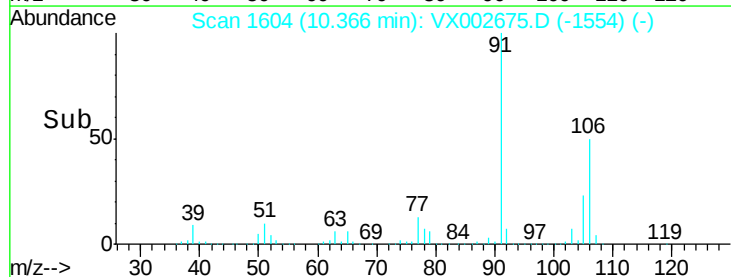
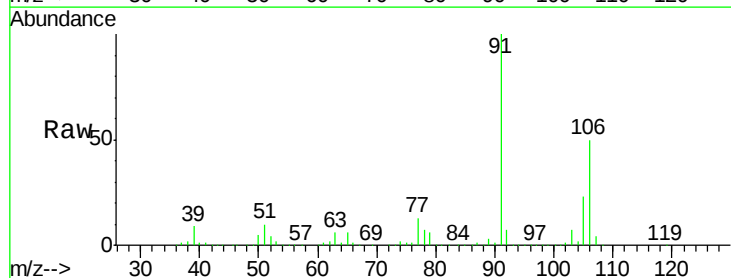
Manual Integrations
APPROVED

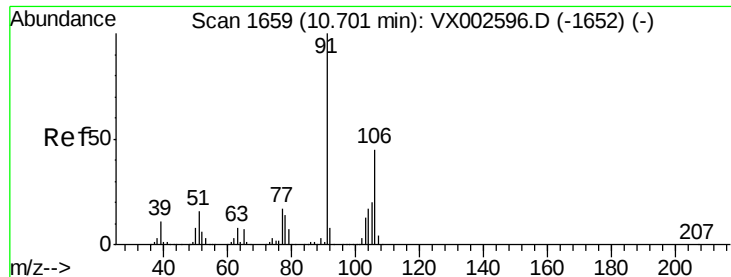
MMDadoda
6/19/2018 1:04:56 PM



#68
m/p-Xylenes
Concen: 98.625 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion: 106 Resp: 482332
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2





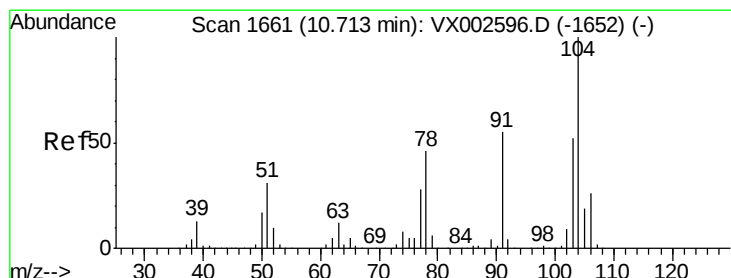
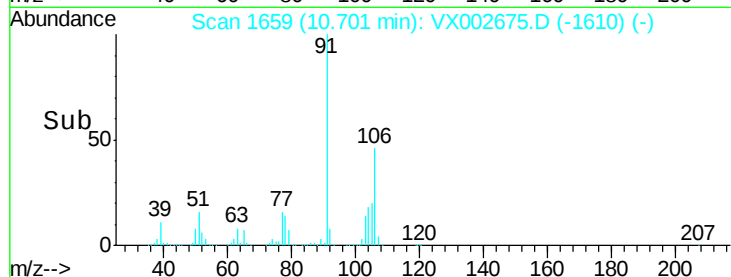
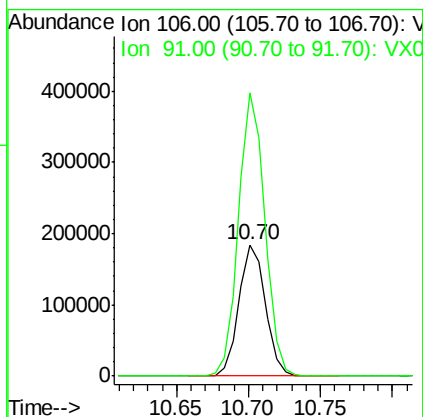
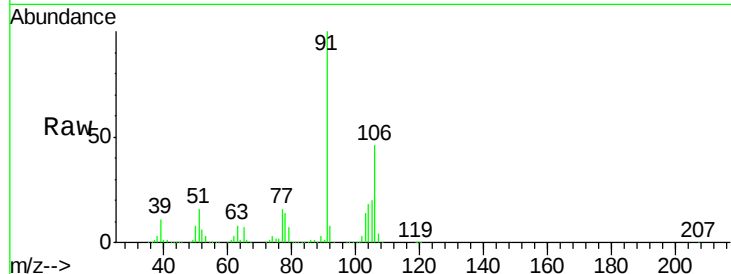
#69
o-Xylene
Concen: 48.999 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 235440
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

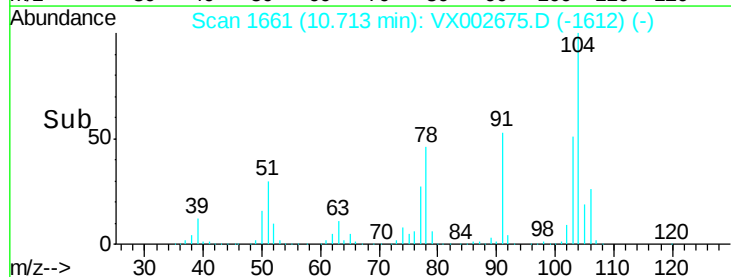
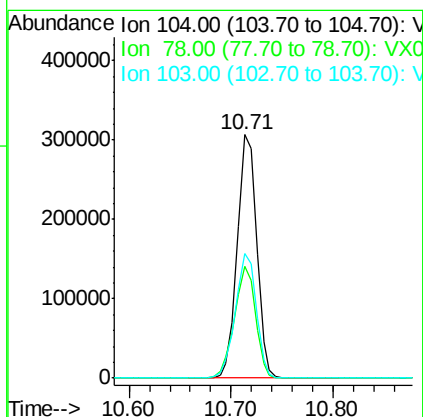
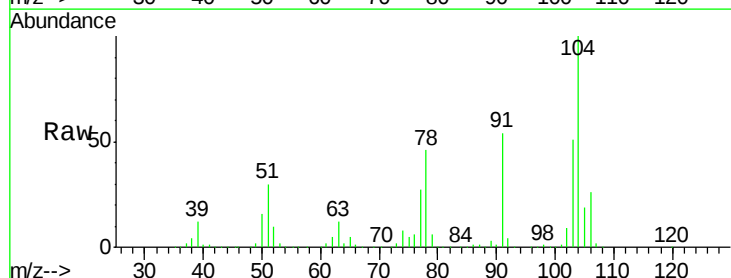
Manual Integrations
APPROVED

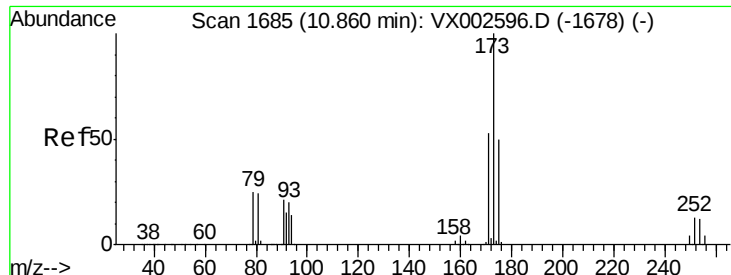
MMDadoda
6/19/2018 1:04:56 PM



#70
Styrene
Concen: 50.710 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion:104 Resp: 400715
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.4 44.2 66.4





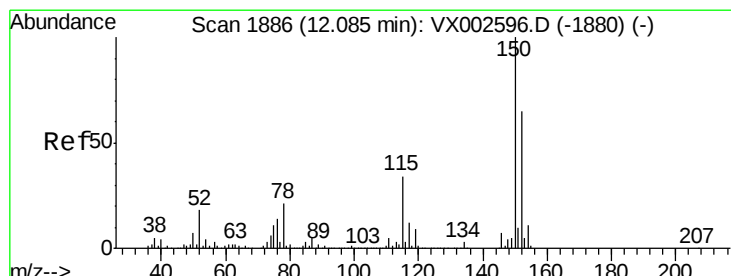
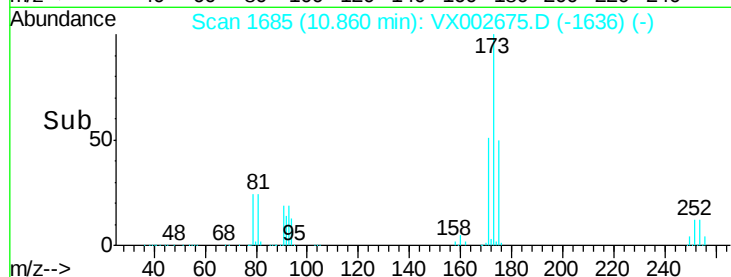
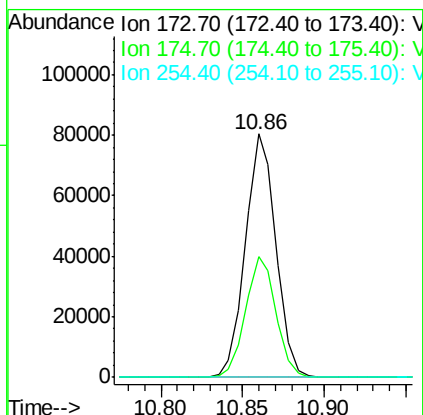
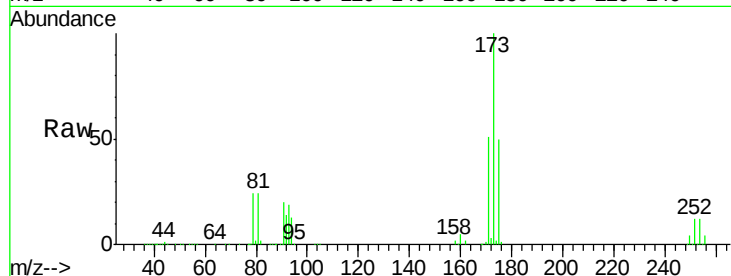
#71
Bromoform
Concen: 45.373 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.2	0.2	0.2

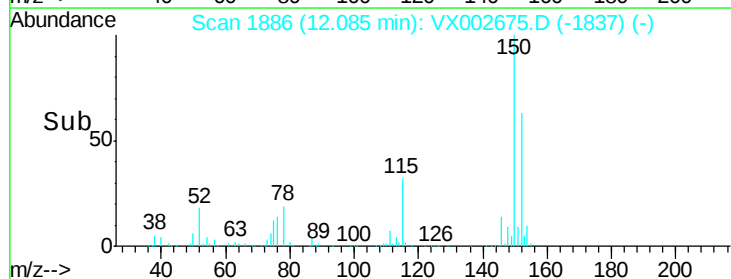
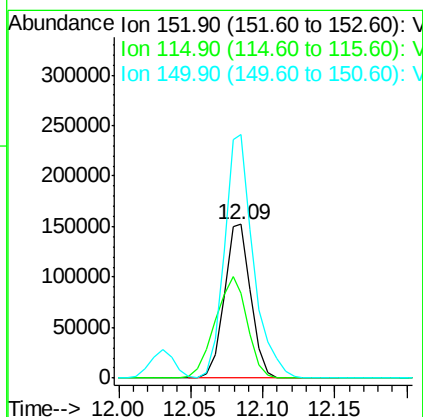
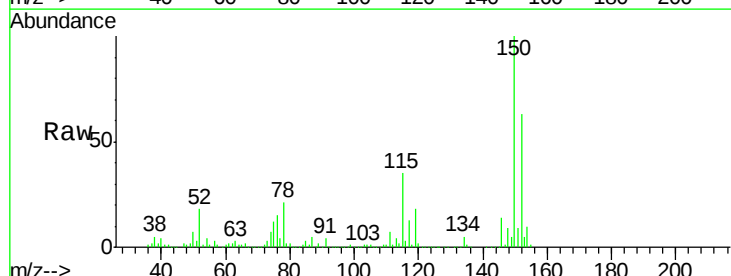
Manual Integrations
APPROVED

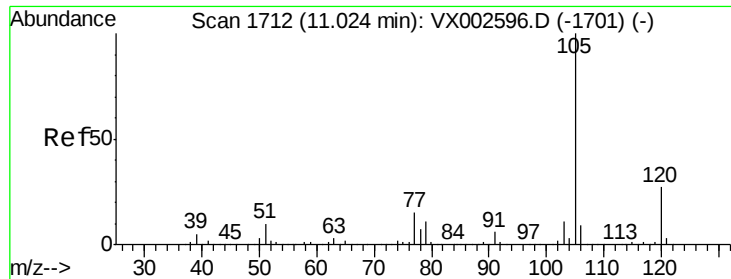
MMDadoda
6/19/2018 1:04:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.3	40.1	120.2
150	172.8	0.0	347.2





#73

Isopropylbenzene

Concen: 48.352 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 634211

Ion Ratio Lower Upper

105 100

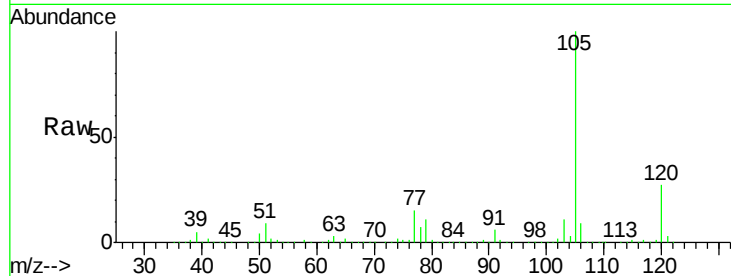
120 26.9 13.5 40.4

Manual Integrations

APPROVED

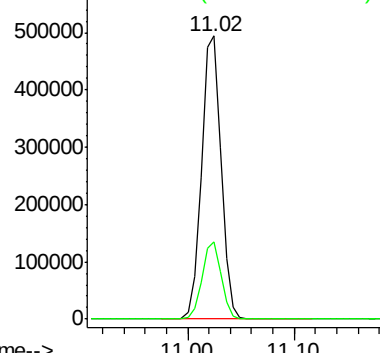
MMDadoda

6/19/2018 1:04:56 PM

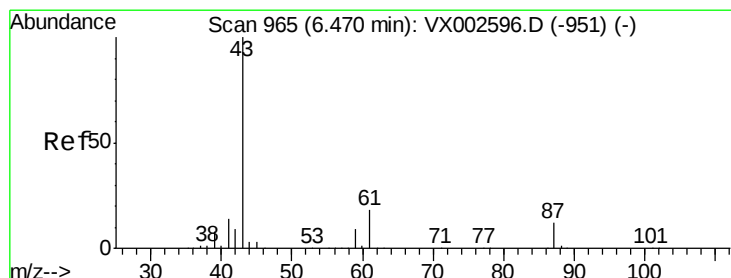
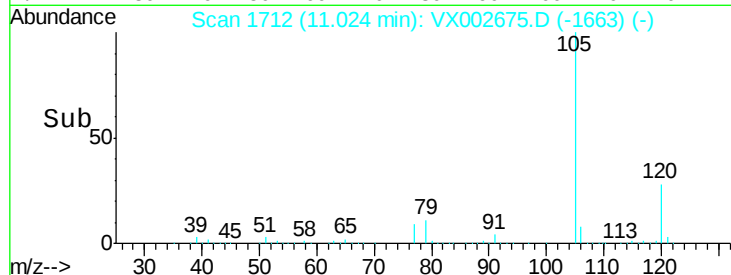


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 45.612 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion: 43 Resp: 297253

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

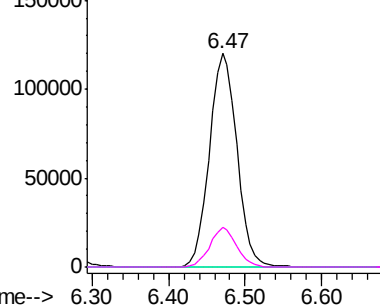
61 18.1 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

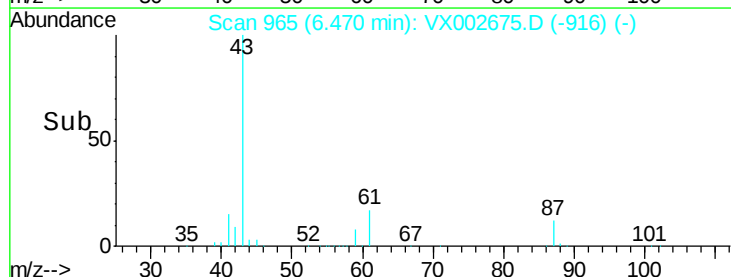
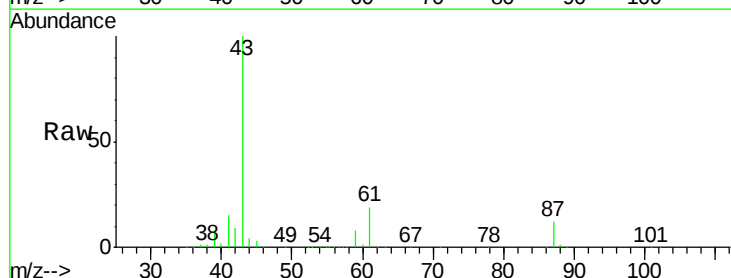
Ion 70.00 (69.70 to 70.70): VX0

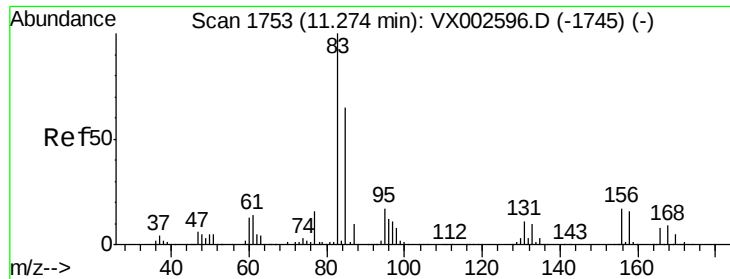
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.801 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

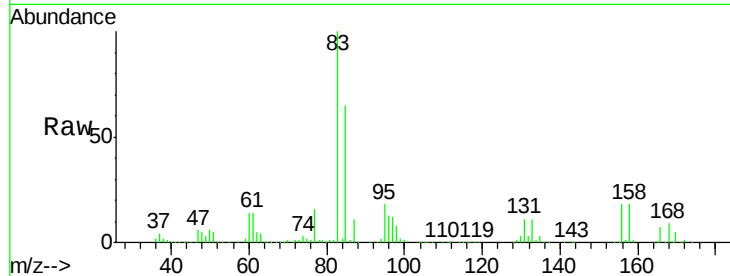
ClientSampleId :

VSTDCCC050EC

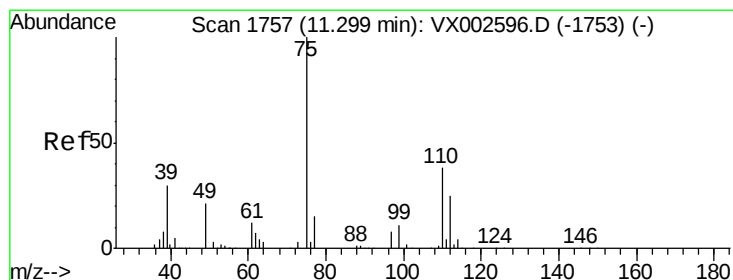
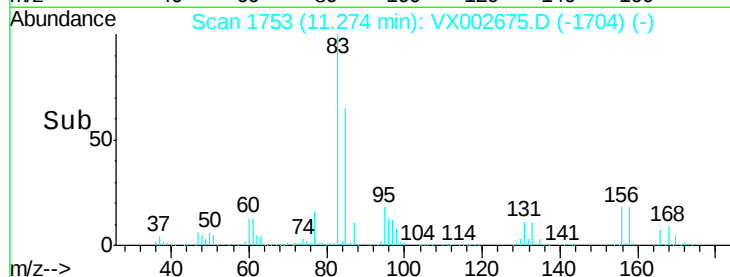
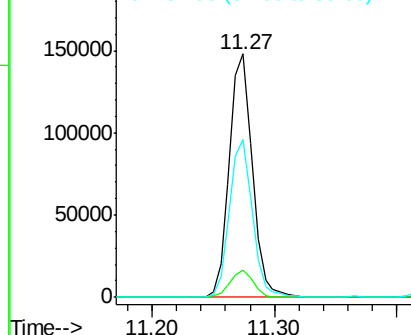
Tot Ion:	83	Resp:	192902
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	64.3	32.4	97.2

Manual Integrations
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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: 44.987 ug/l m

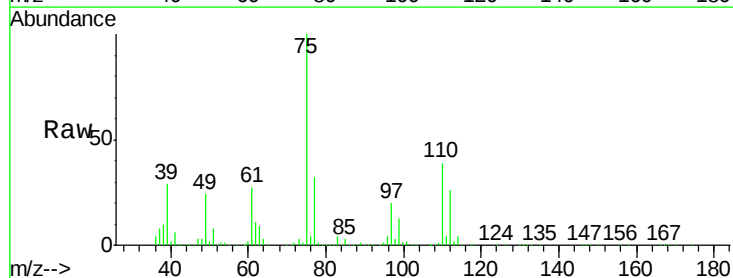
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

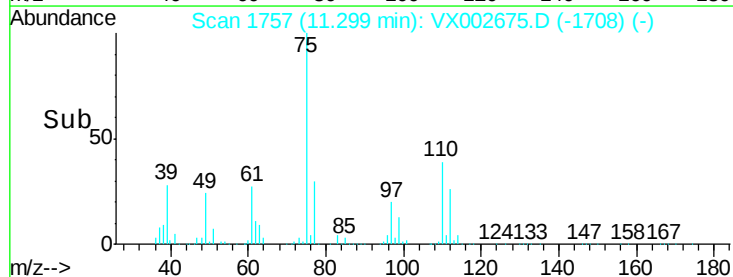
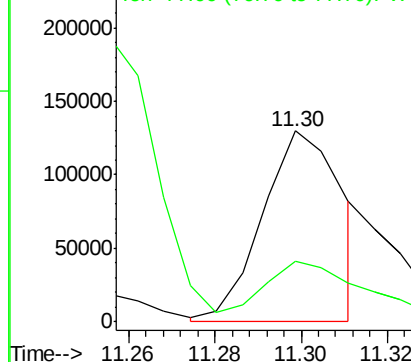
Lab File: VX002675.D

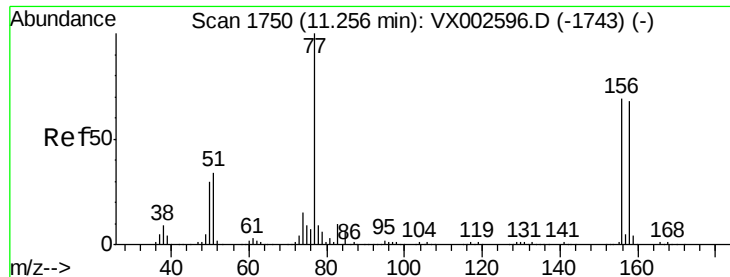
Acq: 17 Jun 2018 03:49

Tgt Ion:	75	Resp:	166485
Ion Ratio	Lower	Upper	
75	100		
77	41.8	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: 49.385 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 180463

Ion Ratio Lower Upper

156 100

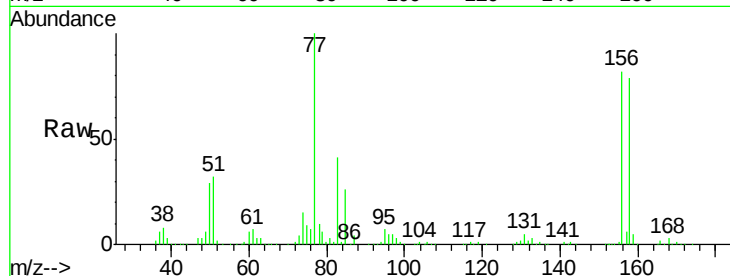
77 135.7 71.4 214.2

158 97.1 48.9 146.6

Manual Integrations
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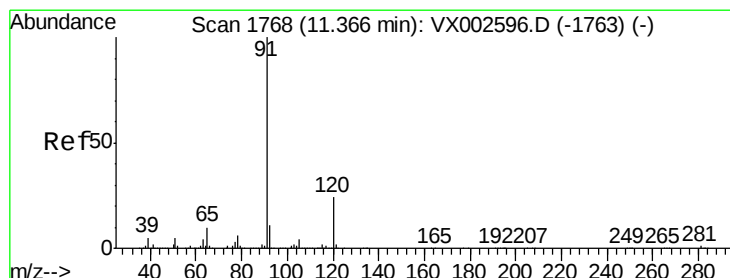
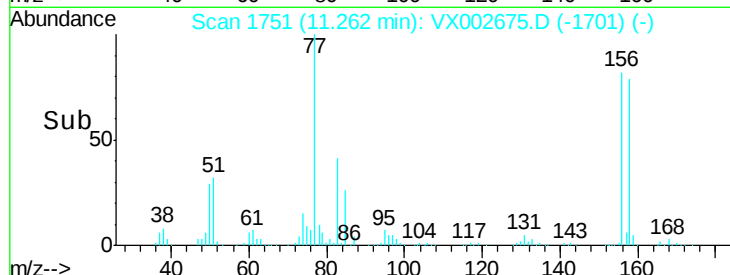
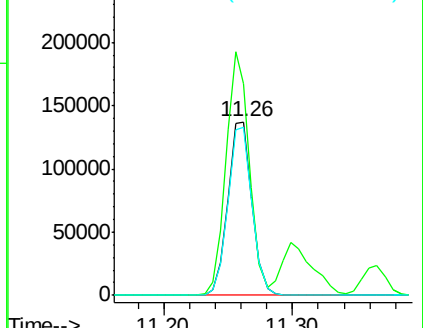
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.070 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002675.D

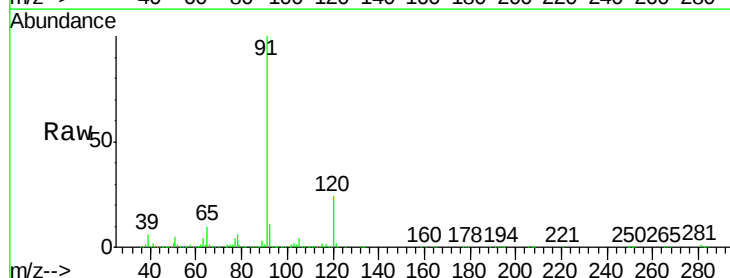
Acq: 17 Jun 2018 03:49

Tgt Ion: 91 Resp: 723101

Ion Ratio Lower Upper

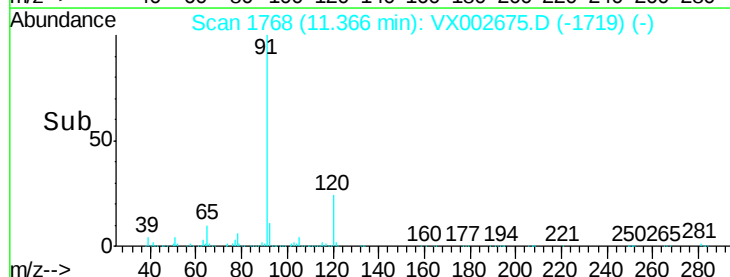
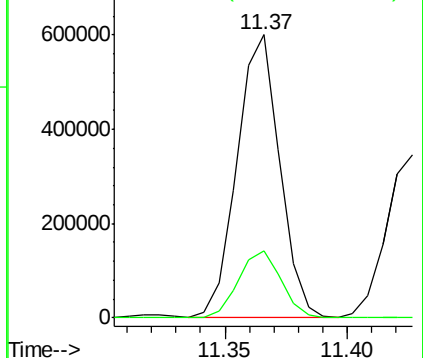
91 100

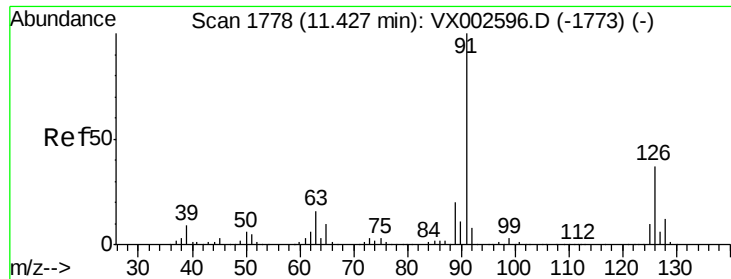
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.676 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 428191

Ion Ratio Lower Upper

91 100

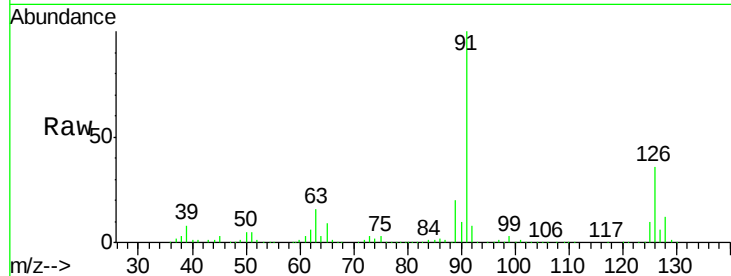
126 36.1 17.7 53.1

Manual Integrations

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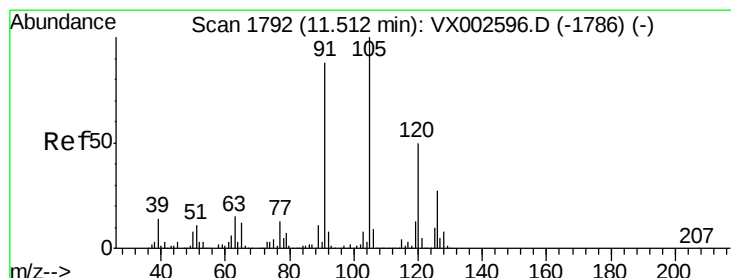
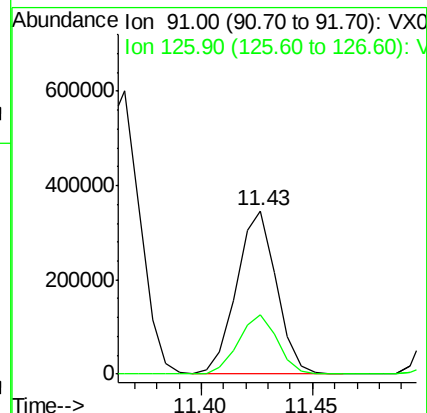
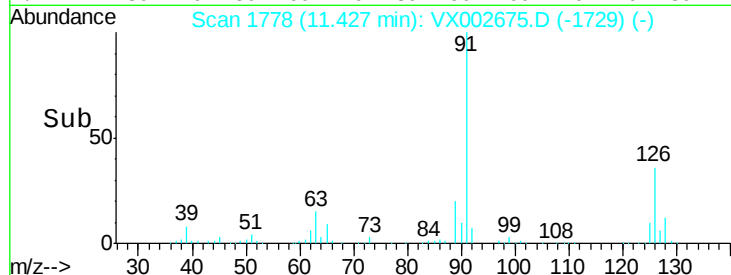
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002596.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.358 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002675.D

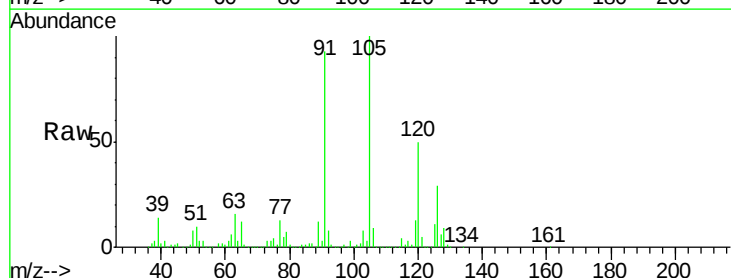
Acq: 17 Jun 2018 03:49

Tgt Ion: 105 Resp: 536044

Ion Ratio Lower Upper

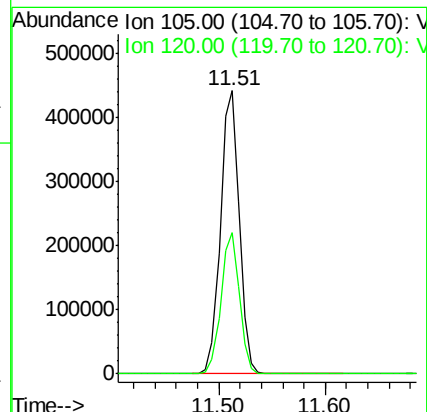
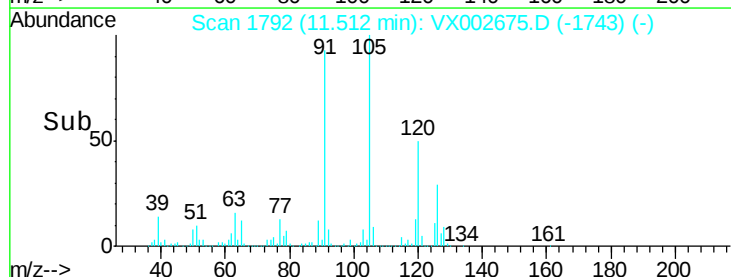
105 100

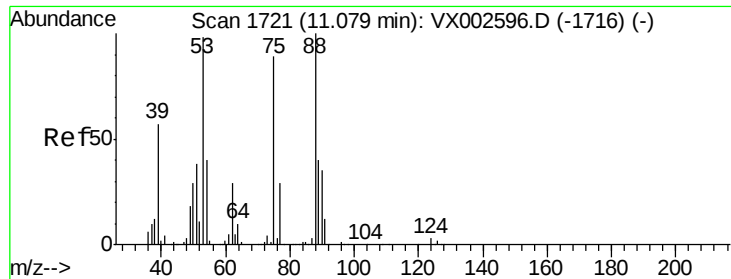
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002596.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002596.D (-1786) (-)





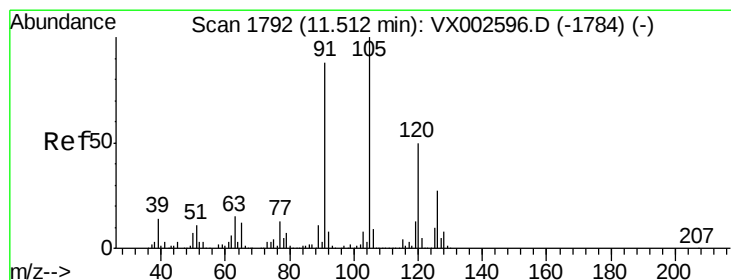
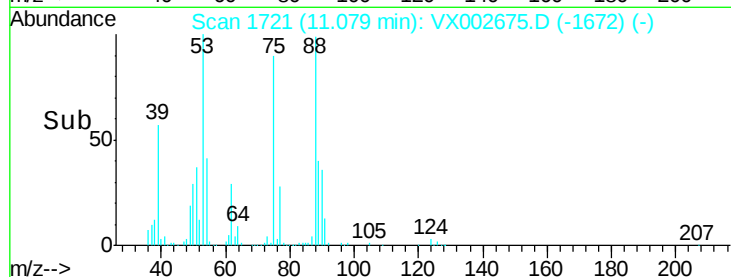
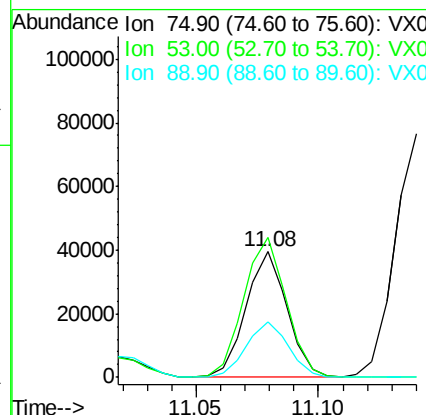
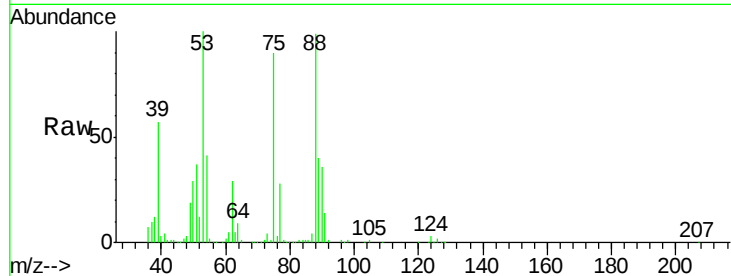
#81
trans-1,4-Dichloro-2-butene
Concen: 40.585 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.3	86.8	130.2
89	45.5	38.2	57.2

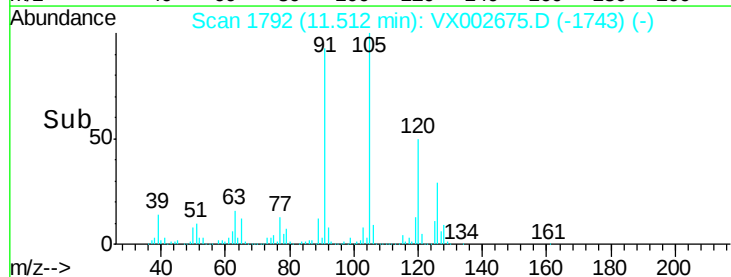
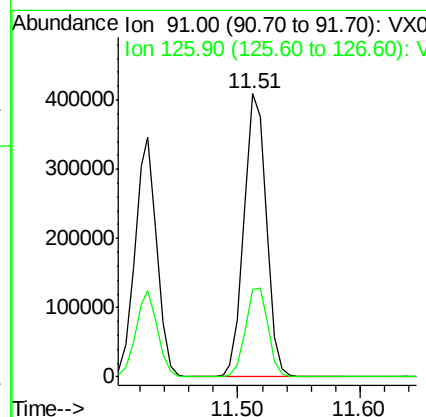
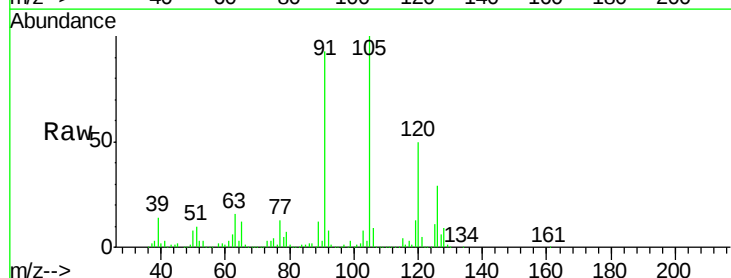
Manual Integrations
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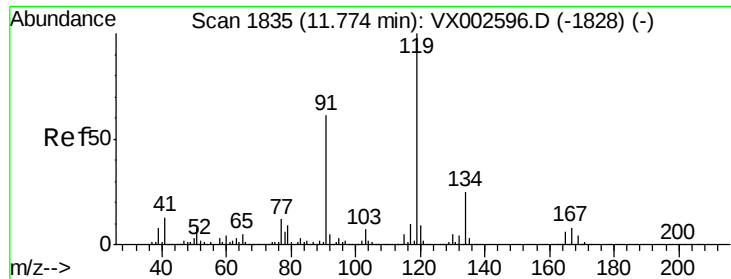
MMDadoda
6/19/2018 1:04:56 PM



#82
4-Chlorotoluene
Concen: 48.563 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.4





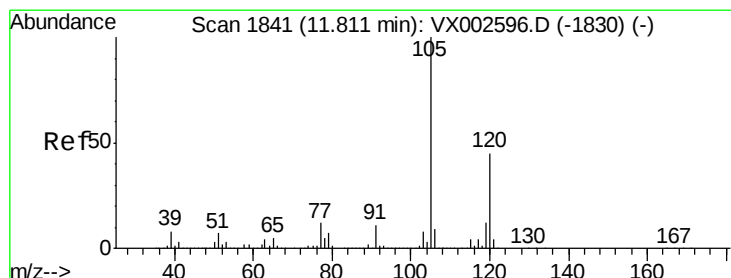
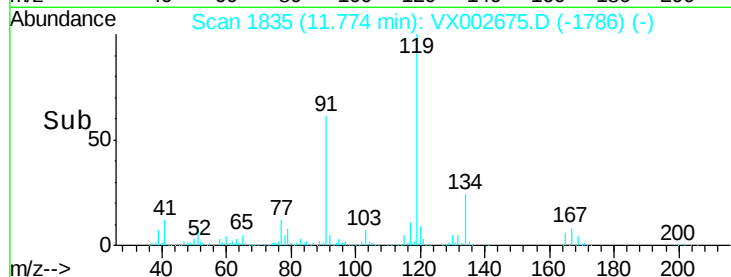
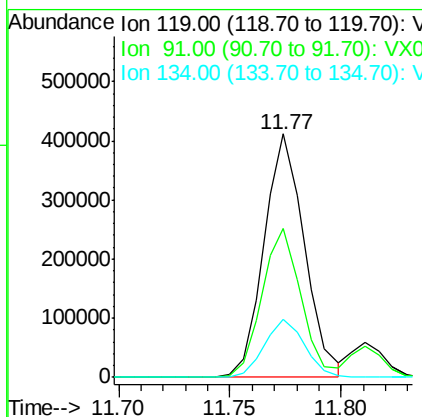
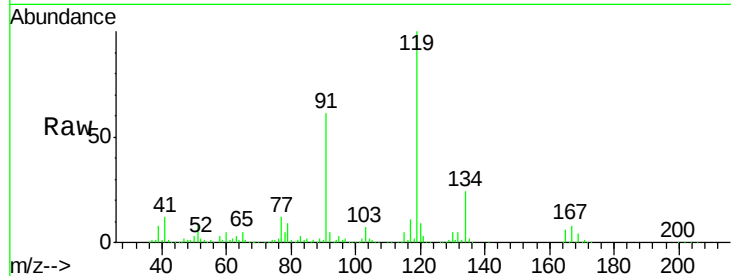
#83
 tert-Butylbenzene
 Concen: 48.605 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	519032		
91	59.6		30.3	90.9
134	23.6		11.7	35.1

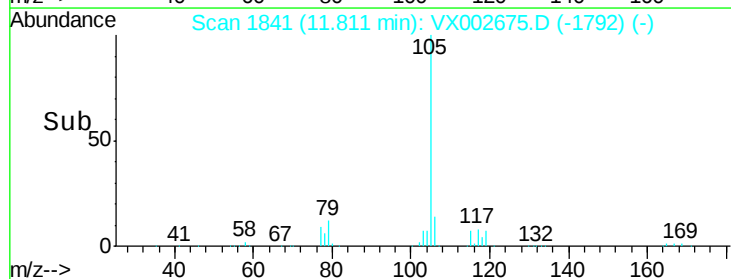
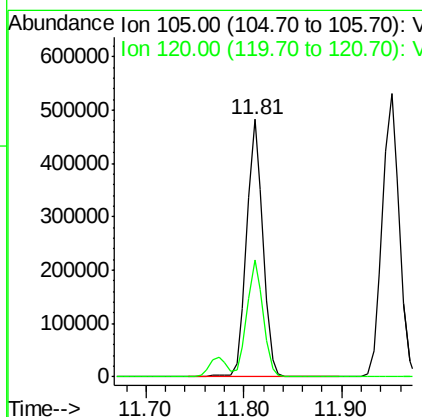
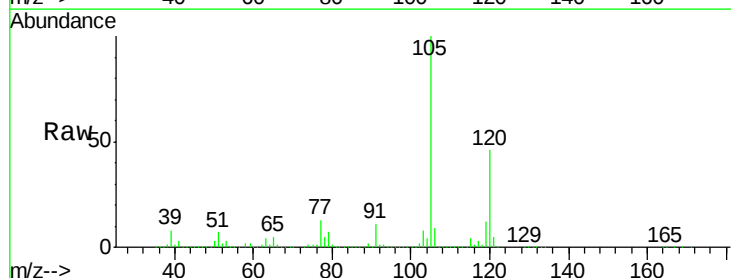
Manual Integrations
 APPROVED

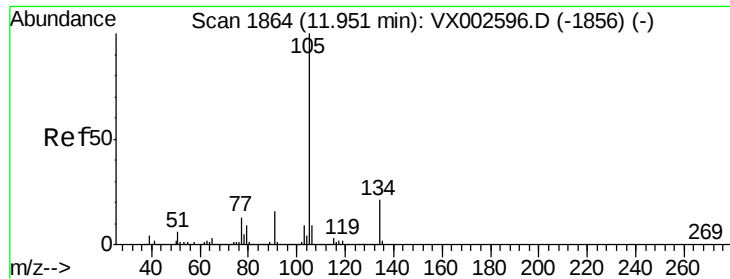
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 6/19/2018 1:04:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.169 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	556150		
120	45.3		22.3	66.8





#85

sec-Butylbenzene

Concen: 48.191 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 639892

Ion Ratio Lower Upper

105 100

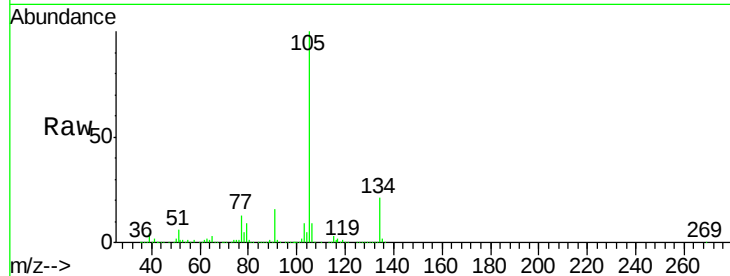
134 20.9 10.4 31.1

Manual Integrations

APPROVED

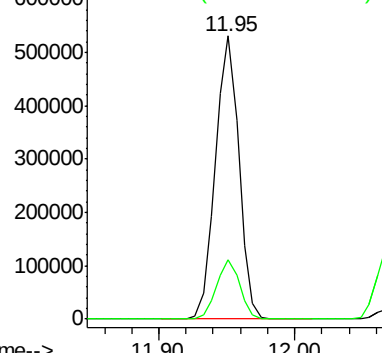
MMDadoda

6/19/2018 1:04:56 PM

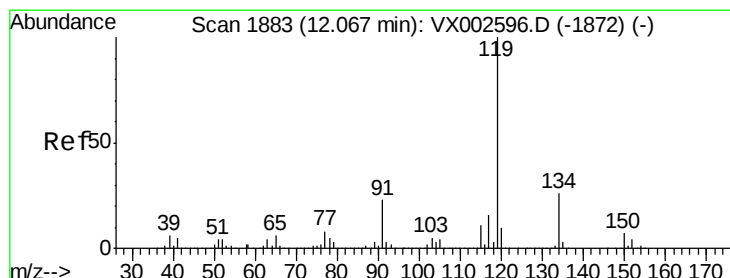
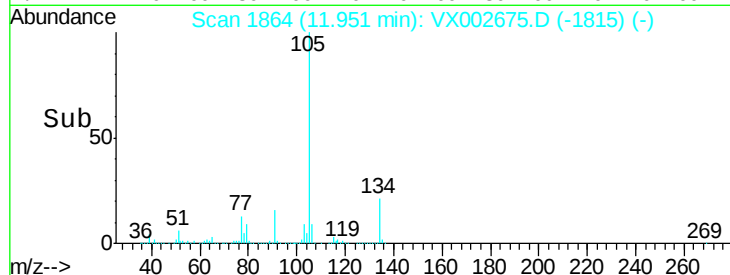


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 48.507 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

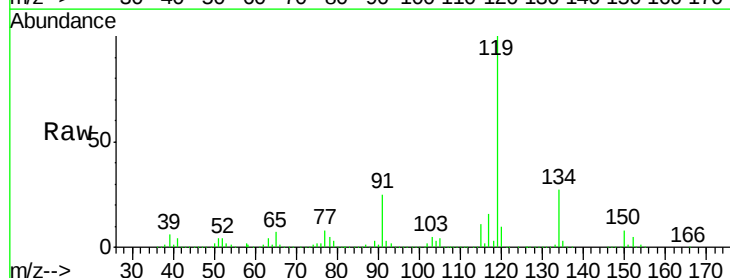
Tgt Ion:119 Resp: 582774

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

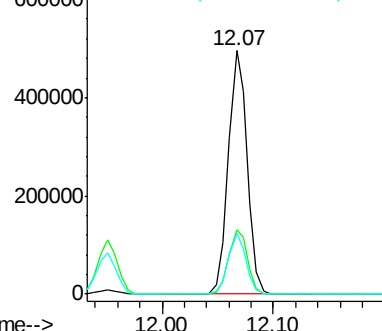
91 23.7 11.9 35.7



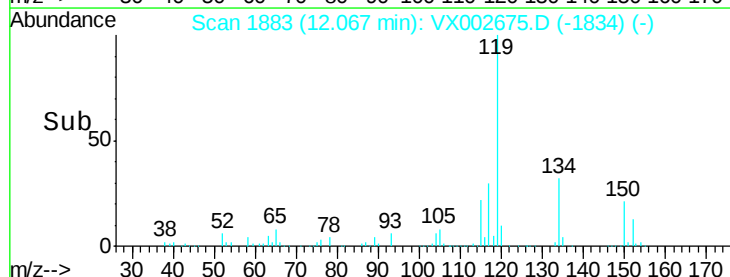
Abundance Ion 119.00 (118.70 to 119.70): V

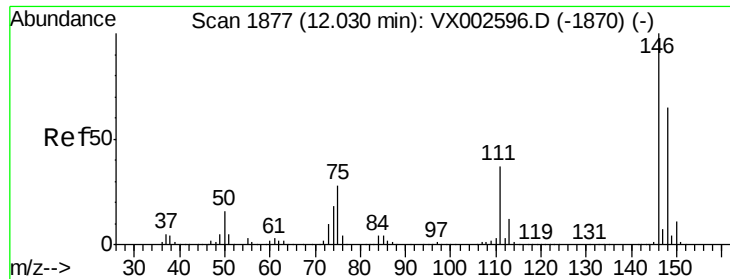
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 48.672 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Instrument :

MSVOA_X

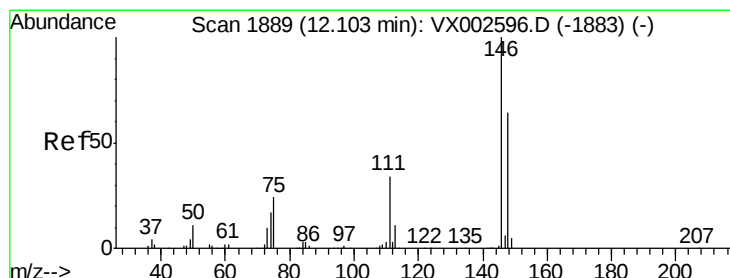
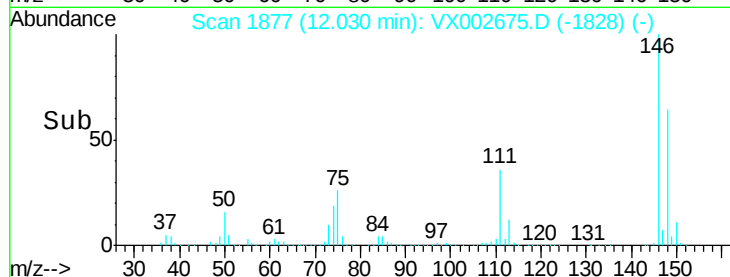
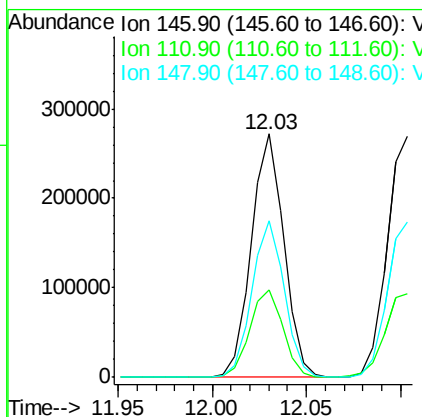
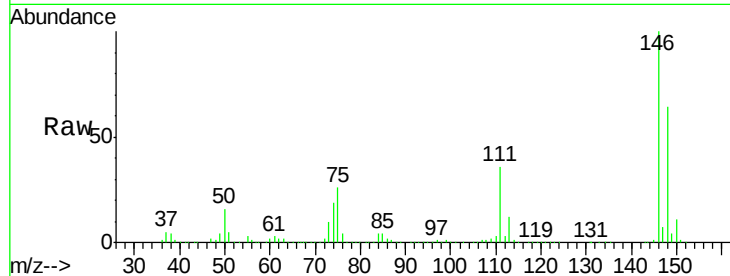
ClientSampled :

VSTDCCC050EC

Tot Ion:	146	Resp:	326170
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.9	56.7
148	63.8	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.540 ug/l

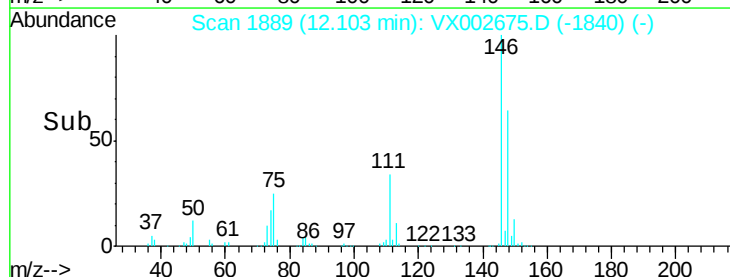
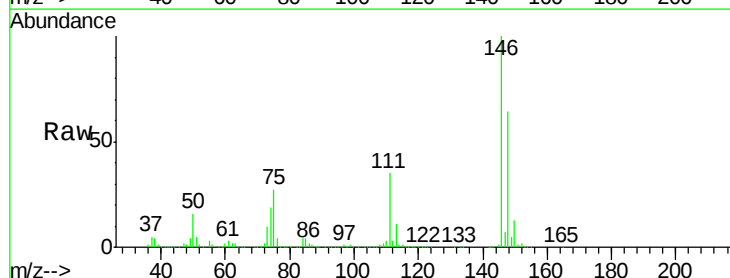
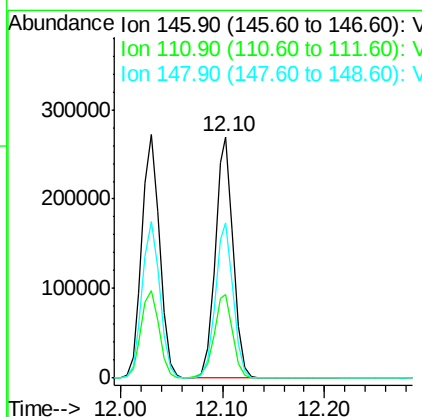
RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002675.D

Acq: 17 Jun 2018 03:49

Tgt Ion:	146	Resp:	330973
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.7	56.1
148	64.5	32.4	97.0





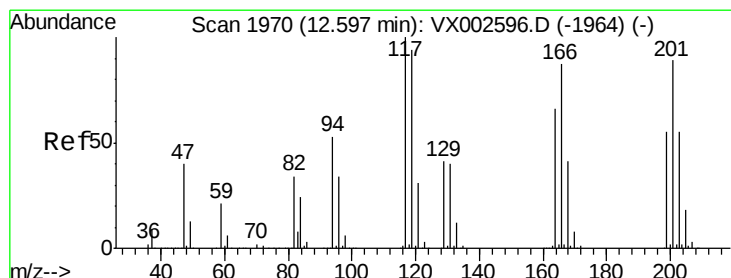
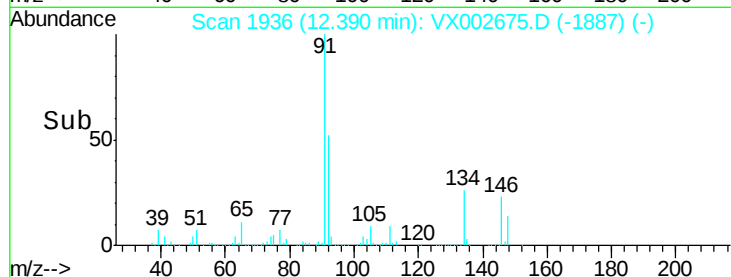
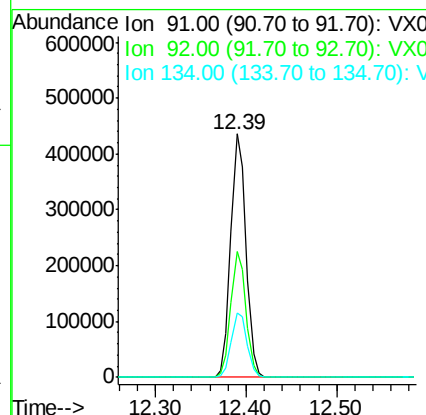
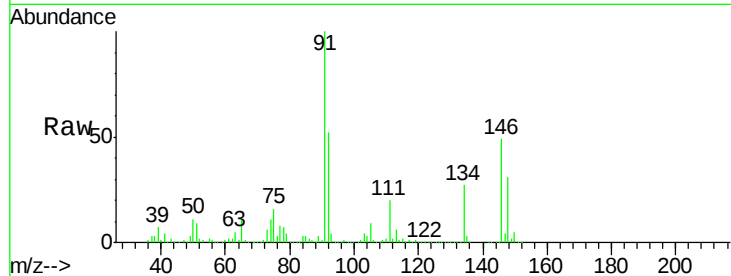
#89
n-Butylbenzene
Concen: 48.000 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	27.3	13.5	40.5

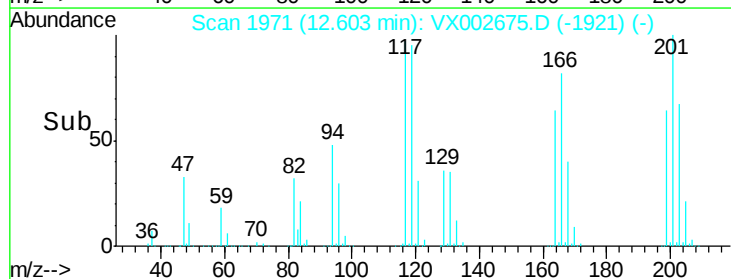
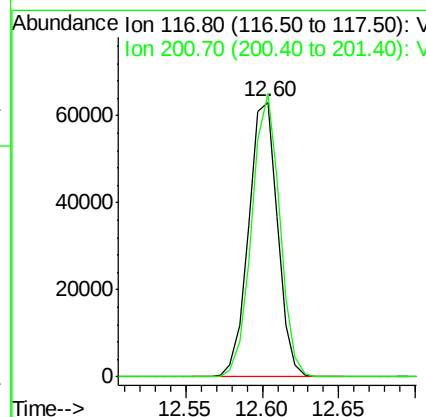
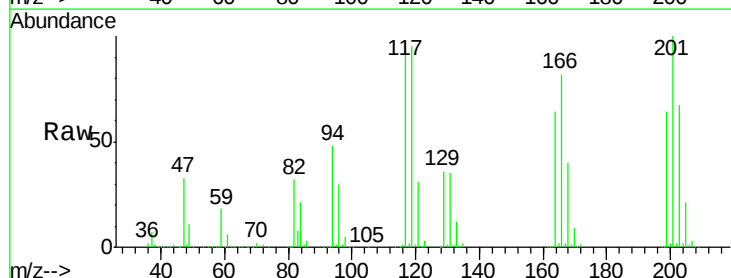
Manual Integrations
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6/19/2018 1:04:56 PM



#90
Hexachloroethane
Concen: 44.501 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.1	49.0	147.0





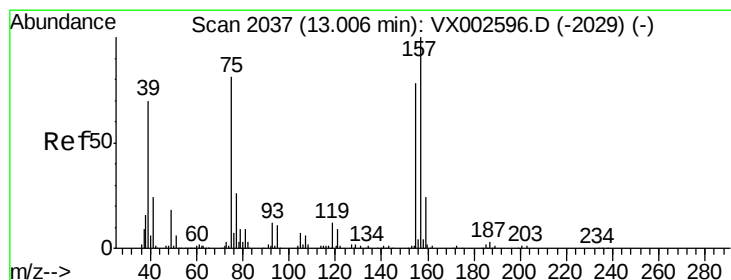
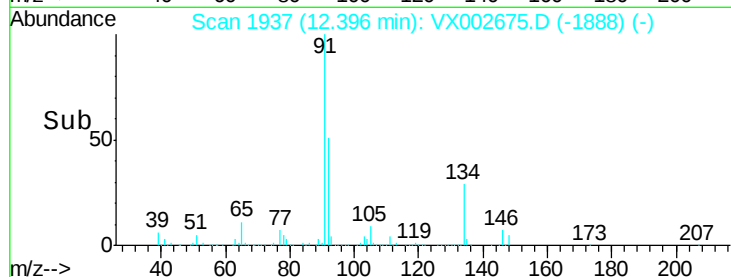
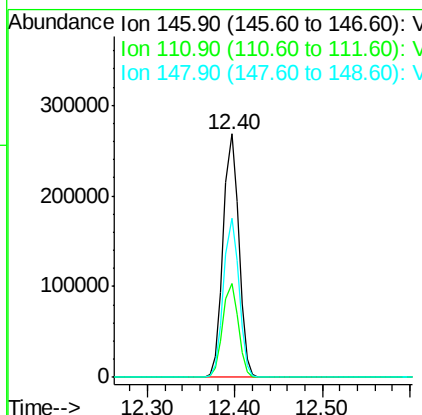
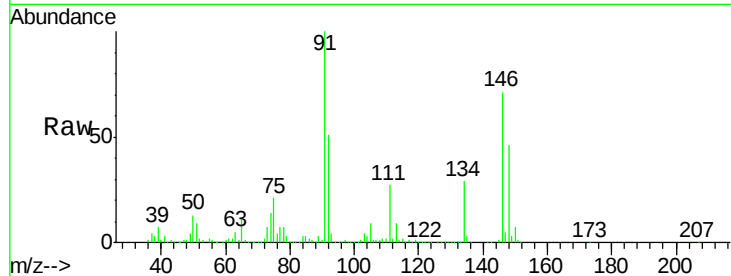
#91
1,2-Dichlorobenzene
Concen: 49.044 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.8	31.7	95.1

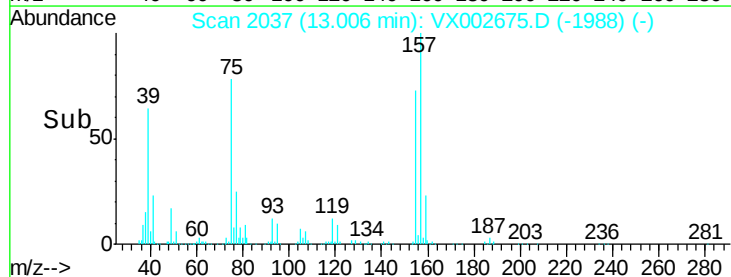
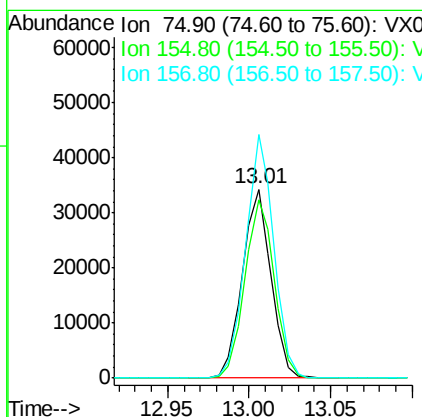
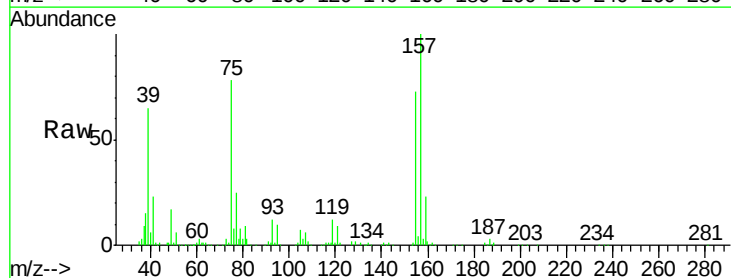
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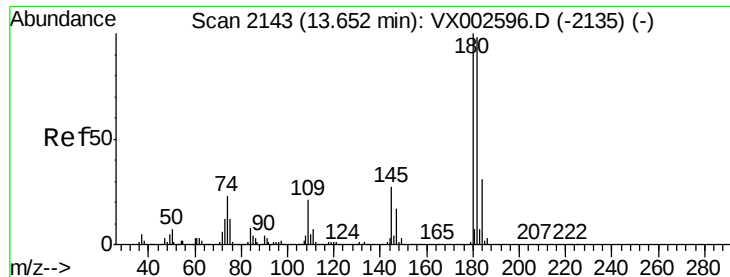
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#92
1,2-Dibromo-3-Chloropropane
Concen: 51.653 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	45.8	137.4
157	126.7	60.1	180.3





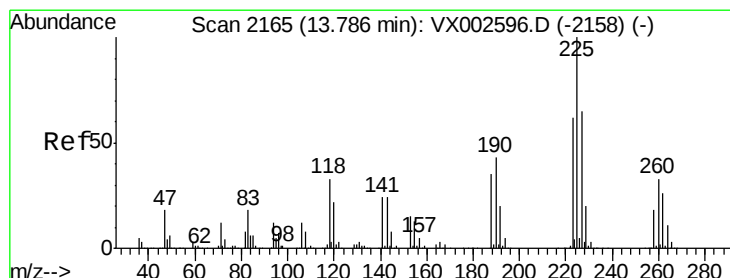
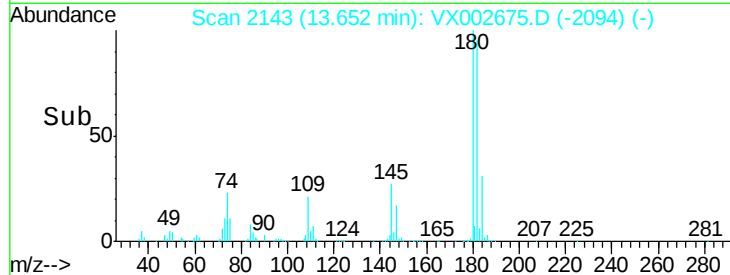
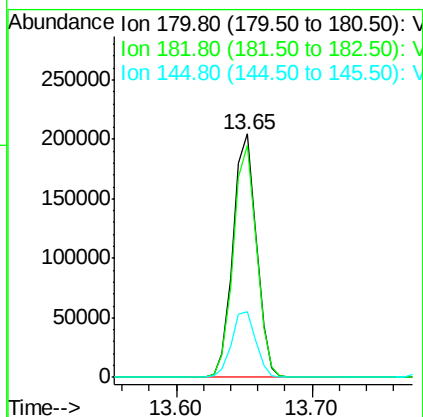
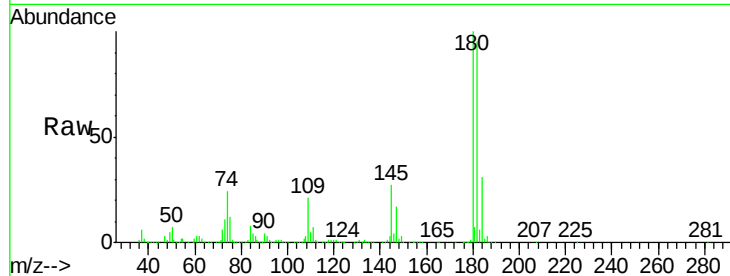
#93
 1,2,4-Trichlorobenzene
 Concen: 50.122 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245355		
182	94.9	47.7	143.1	
145	27.8	14.1	42.4	

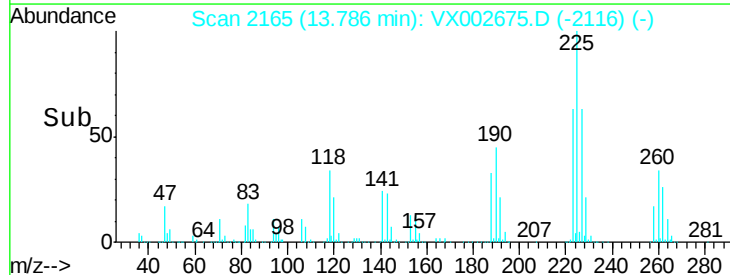
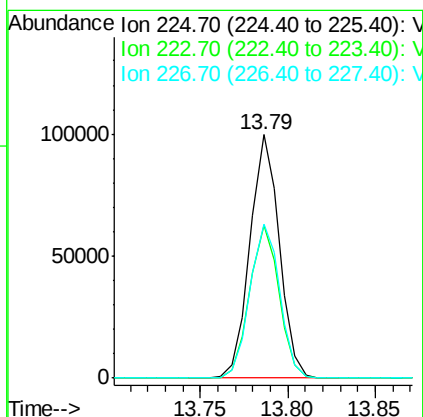
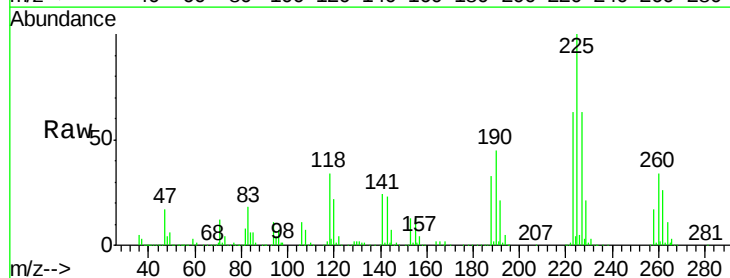
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 45.370 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002675.D
 Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116991		
223	63.1	31.6	95.0	
227	64.4	32.4	97.2	





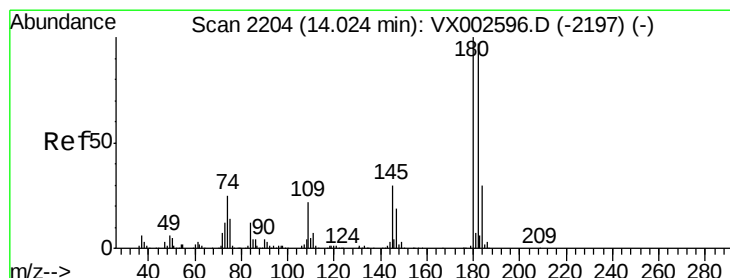
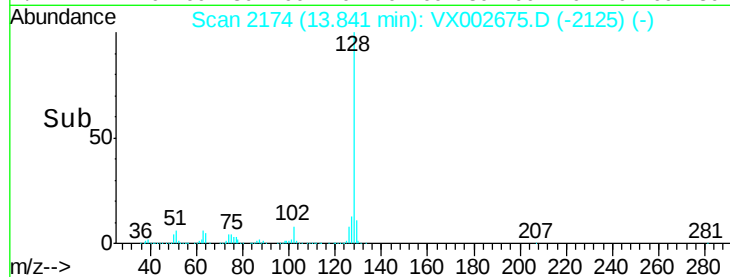
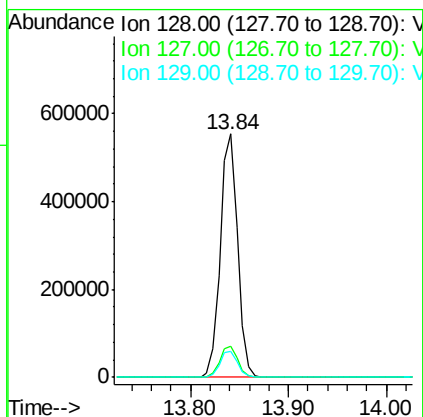
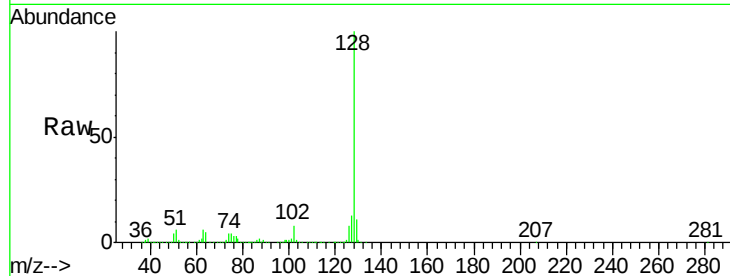
#95
Naphthalene
Concen: 51.441 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.593 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002675.D
Acq: 17 Jun 2018 03:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.0	144.0
145	29.6	14.8	44.3

