

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071218\
 Data File : VX003347.D
 Acq On : 12 Jul 2018 12:57
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 11:35:50 AM

Quant Time: Jul 12 13:18:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:04:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	56431	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	326192	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	296895	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	119614	27.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.53%
60) 4-Bromofluorobenzene	11.14	95	148217	30.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.77%
63) Toluene-d8	8.72	98	398233	30.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	680806	252.767	ug/l 99
3) Chloromethane	1.32	50	629508	215.293	ug/l 98
4) Vinyl Chloride	1.40	62	701138	215.209	ug/l 99
5) Bromomethane	1.64	94	280421	147.331	ug/l 96
6) Chloroethane	1.70	64	419316	191.374	ug/l 98
7) Trichlorofluoromethane	1.92	101	940953	162.488	ug/l 98
8) Diethyl Ether	2.19	74	392339	190.015	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	585216	176.566	ug/l 98
10) 1,1-Dichloroethene	2.37	96	548243	187.920	ug/l 93
11) Methyl Iodide	2.51	142	790797	235.373	ug/l 91
12) Methyl Acetate	2.78	43	905529	191.267	ug/l 94
13) Acrolein	2.30	56	318083	944.952	ug/l 100
14) Acrylonitrile	3.16	53	1629324	915.021	ug/l 99
15) Acetone	2.46	58	439564	888.126	ug/l 79
16) Carbon Disulfide	2.56	76	1599940	219.029	ug/l 100
17) Allyl chloride	2.72	41	1032019	177.767	ug/l 89
18) Methylene Chloride	2.86	84	618165	185.125	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	574526	183.656	ug/l 93
20) Diisopropyl ether	3.88	45	1786769	165.173	ug/l 97
21) 1,1-Dichloroethane	3.69	63	1082051	186.021	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	613801	182.538	ug/l # 74
23) tert-Butyl Alcohol	3.10	59	677781	838.382	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	1831620	168.154	ug/l # 90
25) Chloroform	5.22	83	1007931	172.668	ug/l 97
26) Cyclohexane	5.57	56	893647	180.833	ug/l # 94
29) 1,1-Dichloropropene	5.81	75	779076	176.859	ug/l 100
30) 2-Butanone	4.71	43	2025756	803.672	ug/l 93
31) 2,2-Dichloropropane	4.59	77	780207	165.723	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	868325	163.178	ug/l 97
33) Carbon Tetrachloride	5.79	117	760198	158.939	ug/l 95
34) Benzene	6.15	78	2192584	168.072	ug/l 98
35) Methacrylonitrile	5.07	41	446626	162.743	ug/l 92
36) 1,2-Dichloroethane	6.20	62	746979	145.844	ug/l 97
37) Trichloroethene	7.21	130	615351	161.052	ug/l 95
38) Methylcyclohexane	7.46	83	872394	162.782	ug/l 96
39) 1,2-Dichloropropane	7.52	63	569654	167.403	ug/l 98
40) Dibromomethane	7.67	93	372826	157.696	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	731072	164.616	ug/l	97
42) Vinyl Acetate	3.83	43	7451257	779.449	ug/l	97
43) Ethyl Acetate	4.87	43	782439	162.301	ug/l	97
44) Isopropyl Acetate	6.47	43	1250518	154.814	ug/l	95
45) 1,4-Dioxane	7.76	88	258236	3263.364	ug/l #	82
46) Methyl methacrylate	7.78	41	658639	159.580	ug/l	90
47) n-amyl Acetate	10.90	43	1161001	152.322	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	910362	174.607	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	855799m	175.744	ug/l	
50) 1,1,2-Trichloroethane	9.22	97	563813	161.676	ug/l	98
51) Ethyl methacrylate	9.18	69	883975	167.922	ug/l	87
52) 1,3-Dichloropropane	9.38	76	933077	163.812	ug/l	99
53) Dibromochloromethane	9.59	129	617134	166.698	ug/l	100
54) 1,2-Dibromoethane	9.68	107	594035	161.641	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	2151022	860.318	ug/l	99
56) Bromoform	10.86	173	500313	169.284	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	3980745	789.706	ug/l	92
59) 2-Hexanone	9.51	43	3036729	788.060	ug/l	91
61) Tetrachloroethene	9.34	164	639121	156.854	ug/l	99
62) Toluene	8.79	91	2428729	169.711	ug/l	100
64) Chlorobenzene	10.14	112	1603041	168.594	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	590763	169.506	ug/l	99
66) Ethyl Benzene	10.26	91	2736917	169.812	ug/l	99
67) m/p-Xylenes	10.37	106	2147193	342.818	ug/l	95
68) o-Xylene	10.70	106	1041529	170.680	ug/l	97
69) Styrene	10.71	104	1739138	170.829	ug/l	97
70) Isopropylbenzene	11.02	105	2759792	164.014	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	865854	172.134	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	1037067	237.833	ug/l	94
73) Bromobenzene	11.26	156	764386	163.351	ug/l	96
74) n-propylbenzene	11.37	91	3210921	164.385	ug/l	98
75) 2-Chlorotoluene	11.43	91	1912908	168.280	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	2395154	167.640	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	276719	197.313	ug/l	94
78) 4-Chlorotoluene	11.51	91	2272955	168.784	ug/l	98
79) tert-butylbenzene	12.07	119	2605814	165.366	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	2486708	170.447	ug/l	97
81) sec-Butylbenzene	11.95	105	2878767	164.713	ug/l	99
82) p-Isopropyltoluene	12.07	119	2605814	165.366	ug/l	97
83) 1,3-Dichlorobenzene	12.03	146	1461264	169.696	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	1470748	169.103	ug/l	99
85) n-Butylbenzene	12.39	91	2306434	165.124	ug/l	98
86) Hexachloroethane	12.60	117	423065	177.127	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	1454757	167.287	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	192400	171.224	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	1021240	155.582	ug/l	100
90) Hexachlorobutadiene	13.79	225	494845	144.808	ug/l	99
91) Naphthalene	13.84	128	3006062	172.774	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	993464	152.123	ug/l	99

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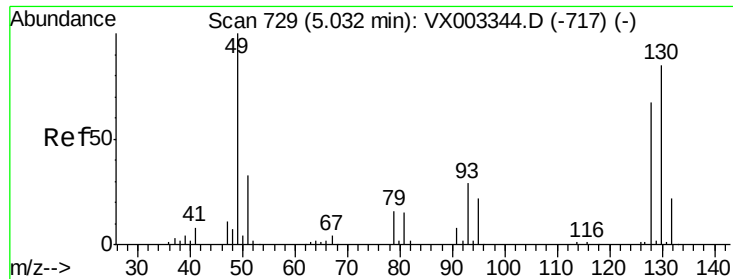
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

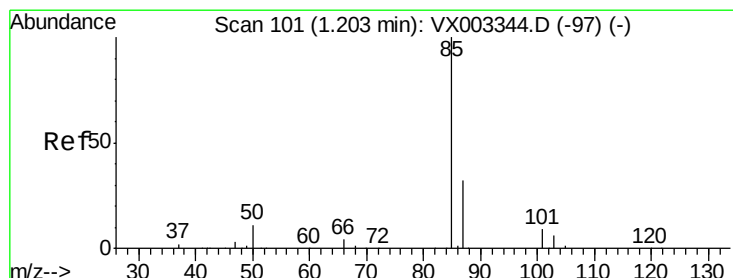
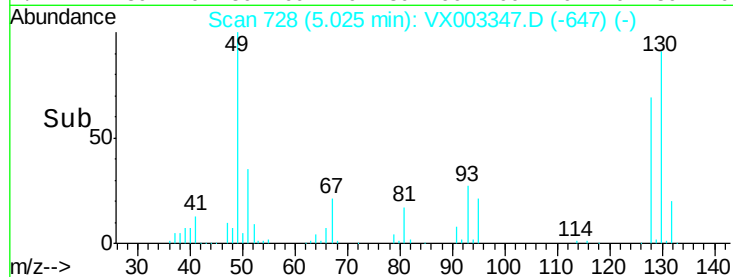
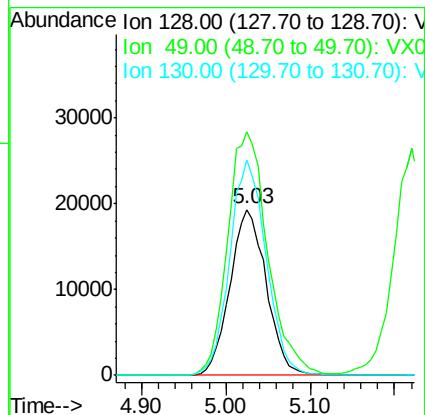
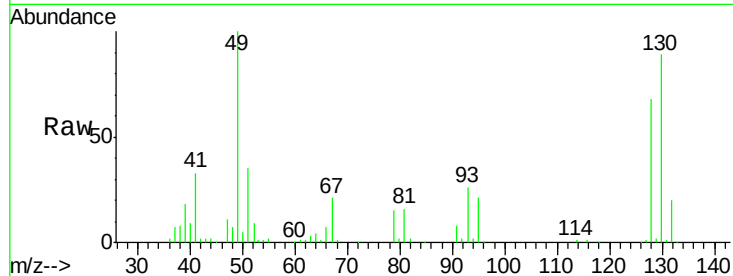
ClientSampleId :

VSTDIC150

Tot Ion:	128	Resp:	56431
Ion	Ratio	Lower	Upper
128	100		
49	163.2	0.0	423.0
130	130.7	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 252.767 ug/l

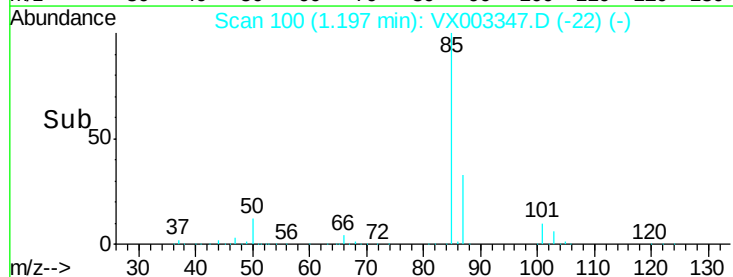
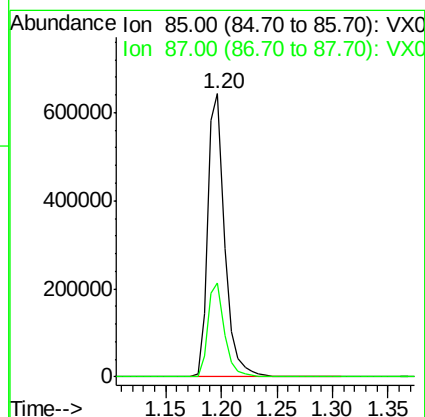
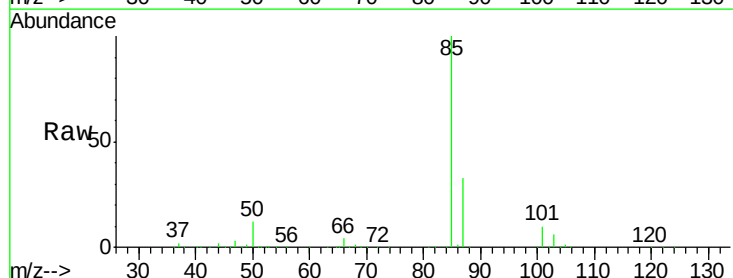
RT: 1.20 min Scan# 100

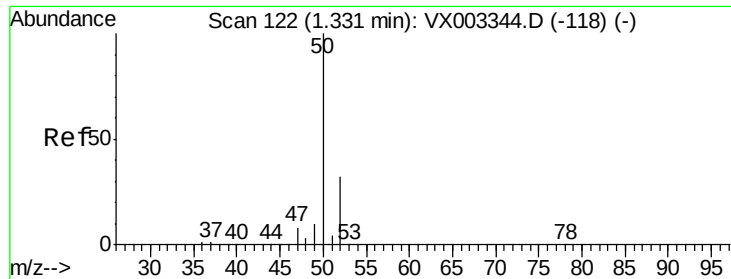
Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tgt Ion:	85	Resp:	680806
Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.2	48.5





#3

Chloromethane

Concen: 215.293 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 629508

Ion Ratio Lower Upper

50 100

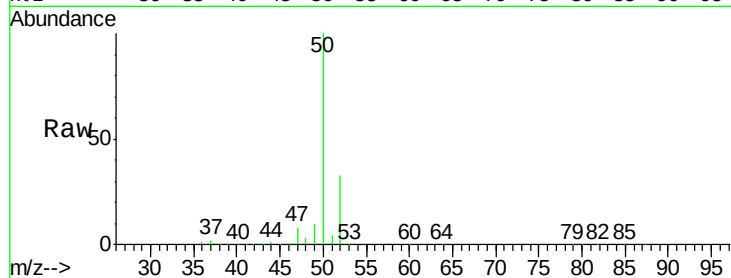
52 32.9 25.6 38.4

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.32

600000

500000

400000

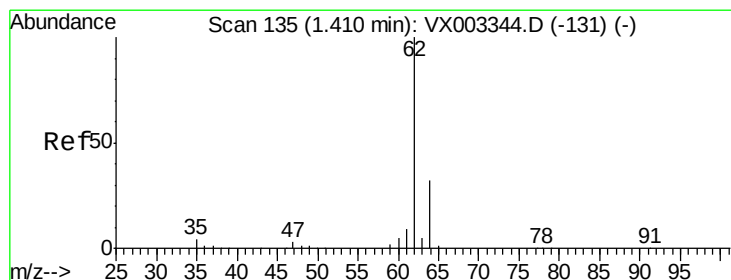
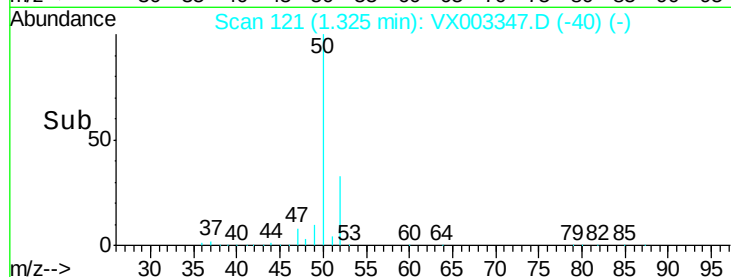
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 215.209 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003347.D

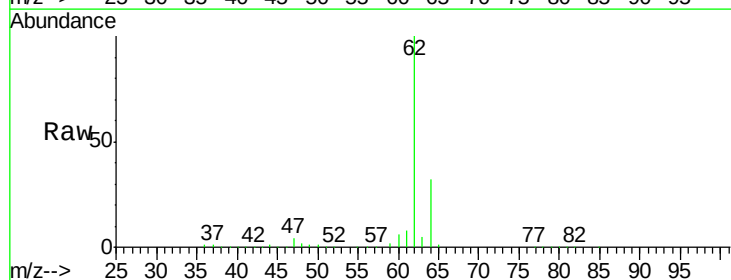
Acq: 12 Jul 2018 12:57

Tgt Ion: 62 Resp: 701138

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

1.40

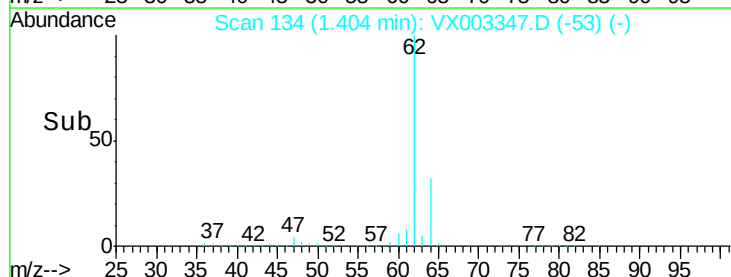
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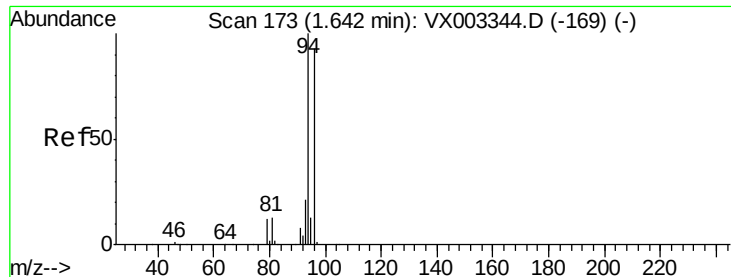
400000

200000

0

Time-->





#5

Bromomethane

Concen: 147.331 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 280421

Ion Ratio Lower Upper

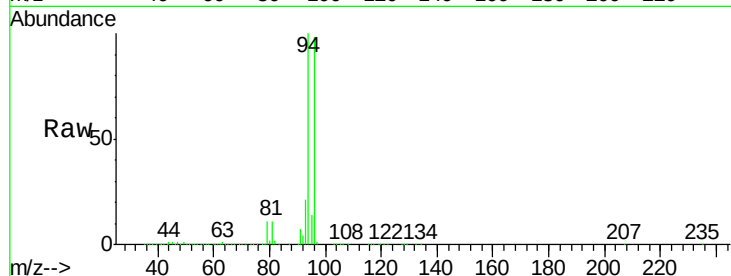
94 100

96 98.3 75.7 113.5

Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

300000

250000

200000

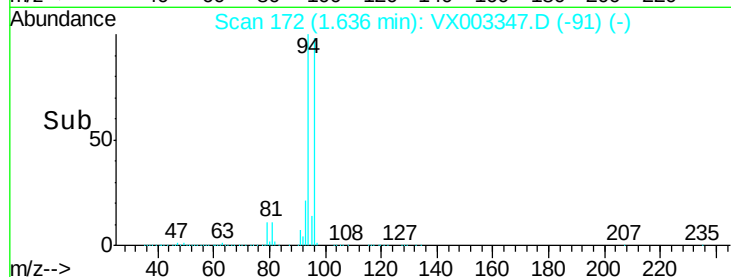
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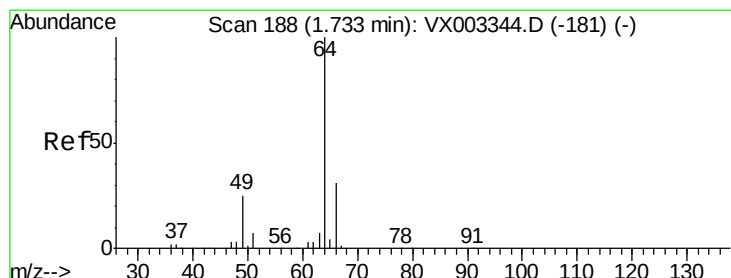
50000

0

Time-->



Time-->



#6

Chloroethane

Concen: 191.374 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.03 min

Lab File: VX003347.D

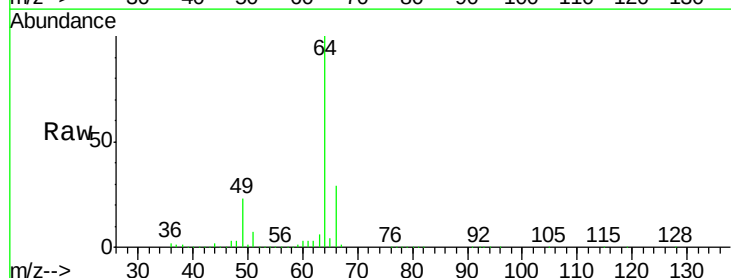
Acq: 12 Jul 2018 12:57

Tgt Ion: 64 Resp: 419316

Ion Ratio Lower Upper

64 100

66 29.1 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

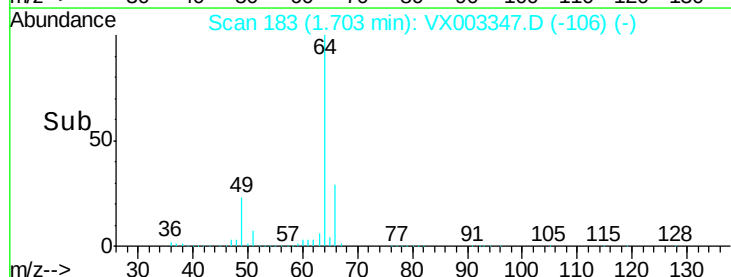
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200000

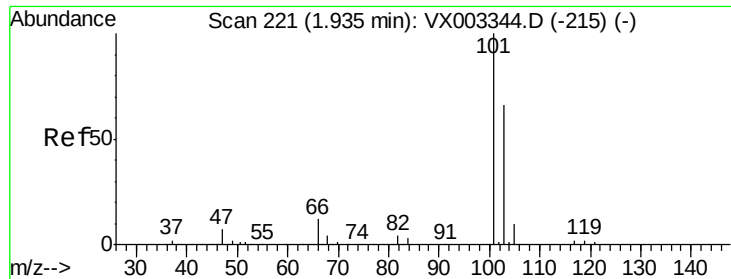
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0

Time-->



Time-->



#7

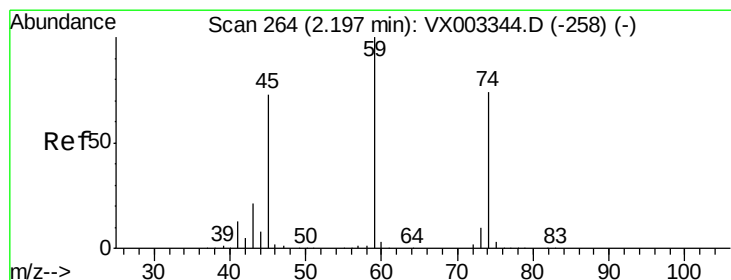
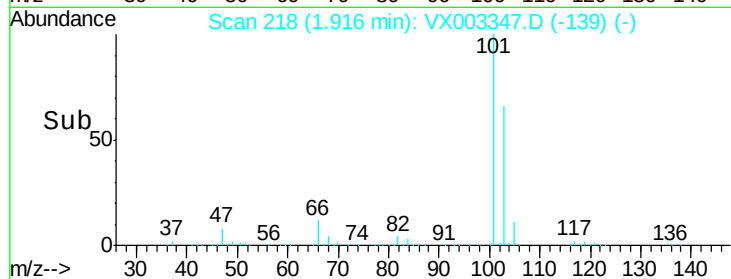
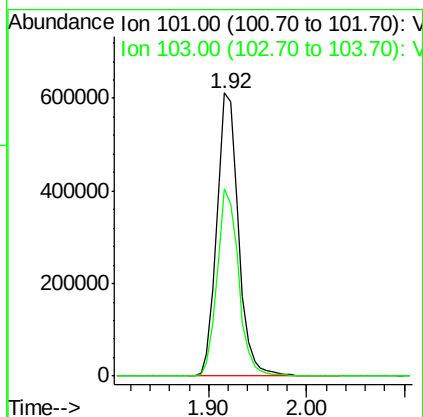
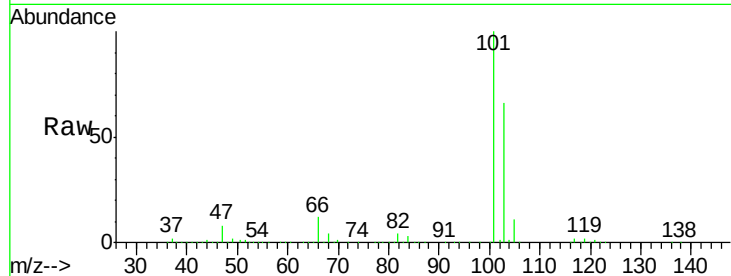
Trichlorofluoromethane
Concen: 162.488 ug/l
RT: 1.92 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 940953
Ion Ratio Lower Upper
101 100
103 66.1 51.5 77.3

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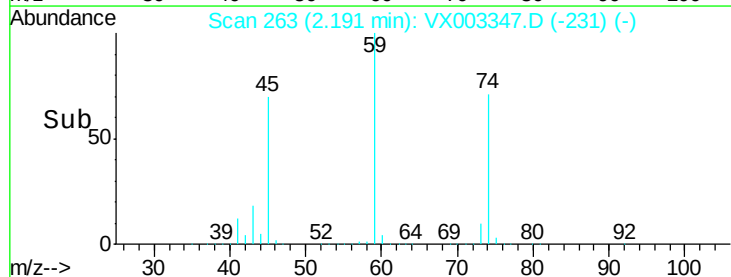
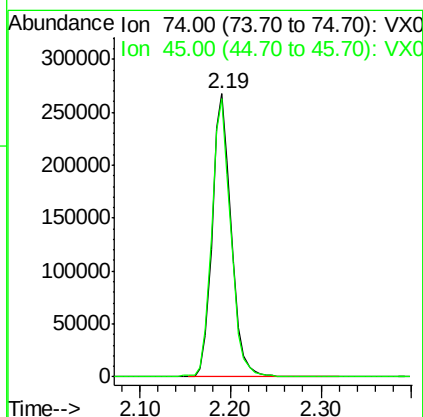
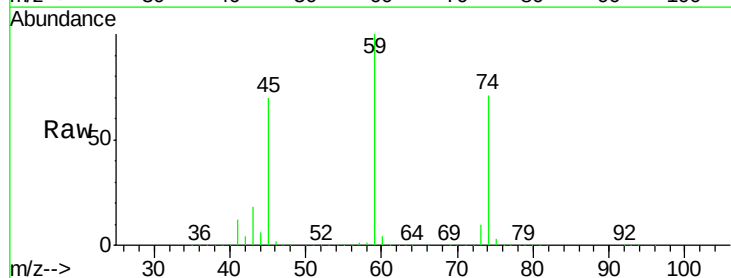
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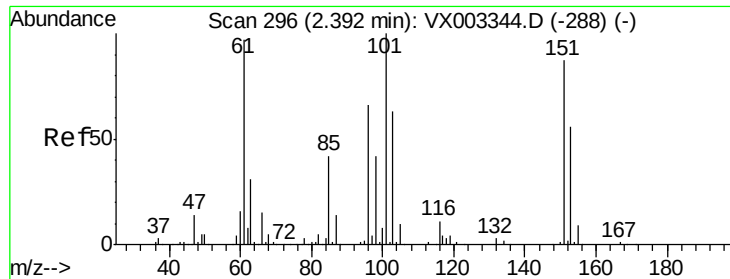


#8

Diethyl Ether
Concen: 190.015 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion: 74 Resp: 392339
Ion Ratio Lower Upper
74 100
45 98.5 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 176.566 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.02 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

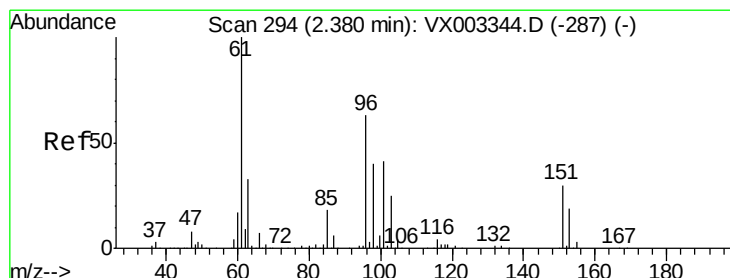
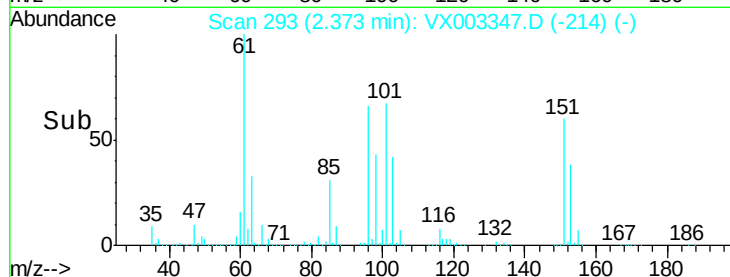
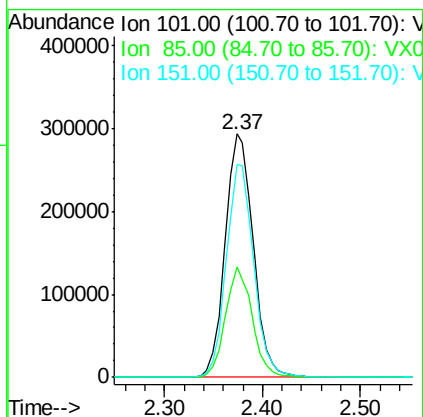
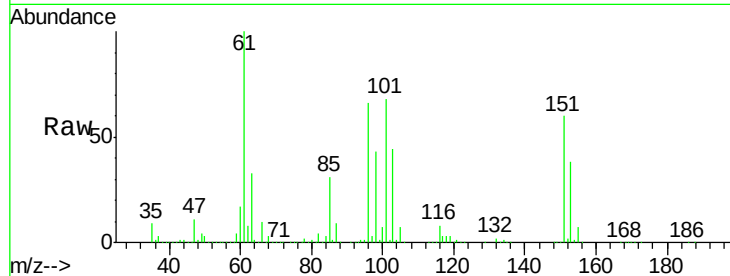
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	585216
Ion Ratio	Lower	Upper	
101	100		
85	43.2	0.0	87.0
151	85.7	0.0	177.6

Manual Integrations
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7/13/2018 11:35:50 AM



#10

1,1-Dichloroethene

Concen: 187.920 ug/l

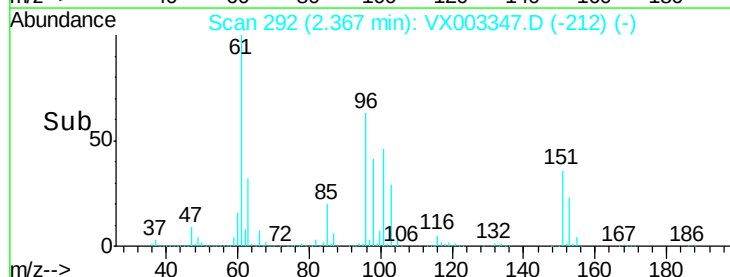
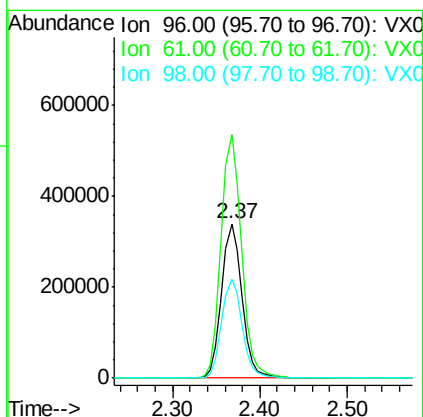
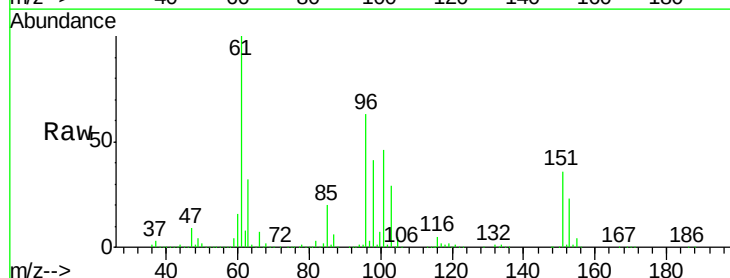
RT: 2.37 min Scan# 292

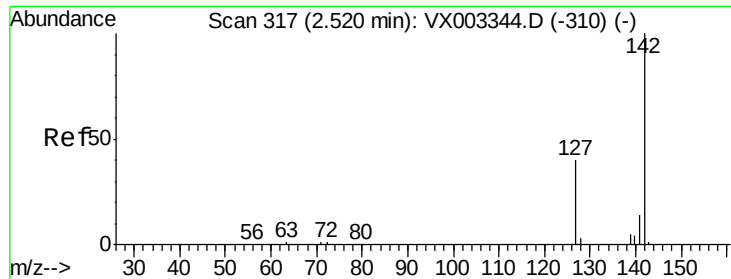
Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tgt Ion:	96	Resp:	548243
Ion Ratio	Lower	Upper	
96	100		
61	158.0	137.5	206.3
98	64.6	51.4	77.2





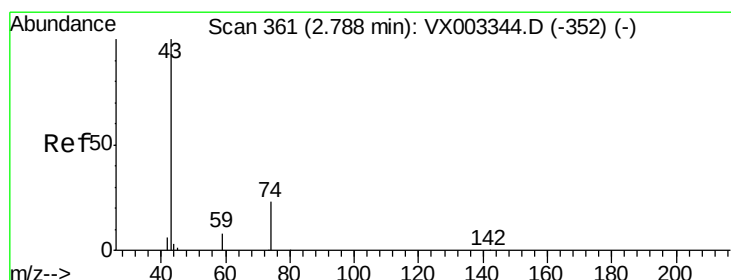
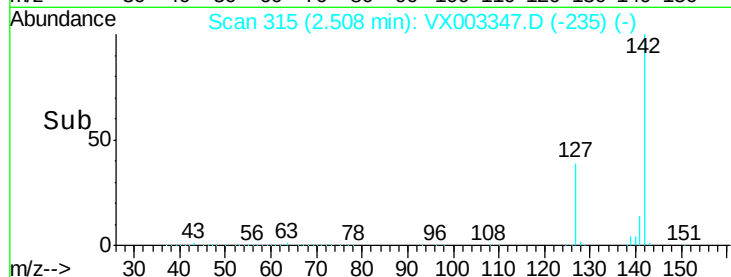
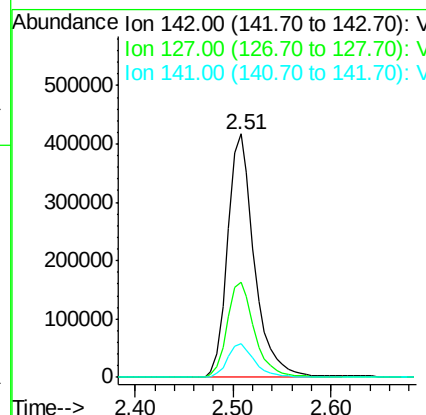
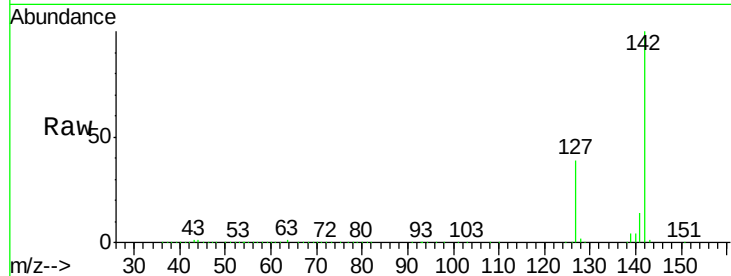
#11
Methyl Iodide
Concen: 235.373 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.9	23.2	69.6
141	13.9	7.4	22.2

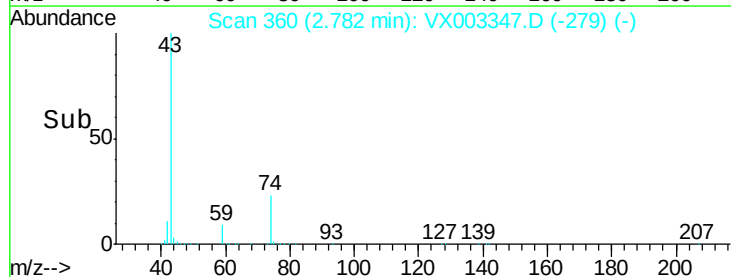
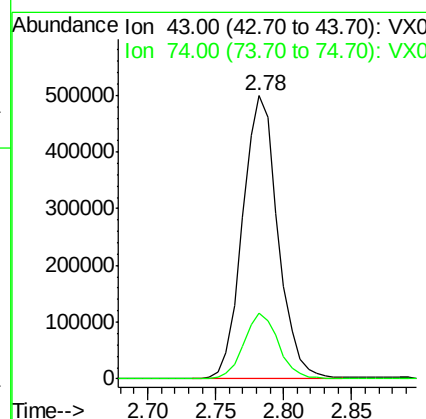
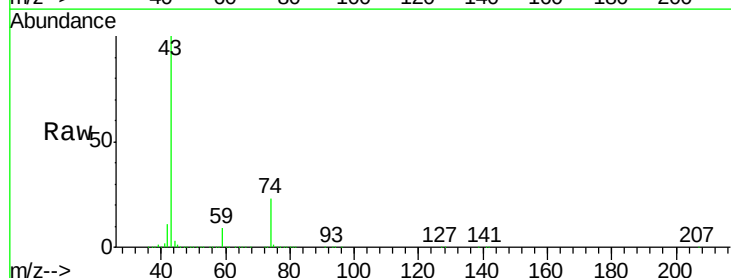
Manual Integrations
APPROVED

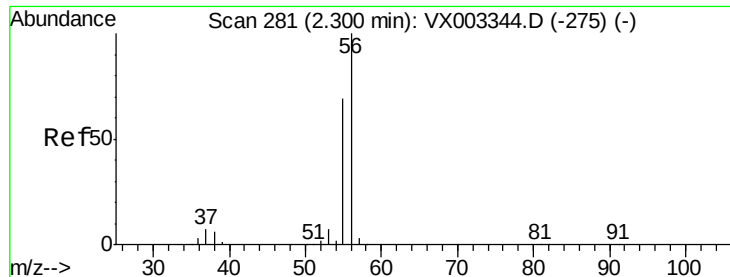
MMDadoda
7/13/2018 11:35:50 AM



#12
Methyl Acetate
Concen: 191.267 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	16.4	24.6





#13

Acrolein

Concen: 944.952 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 318083

Ion Ratio Lower Upper

56 100

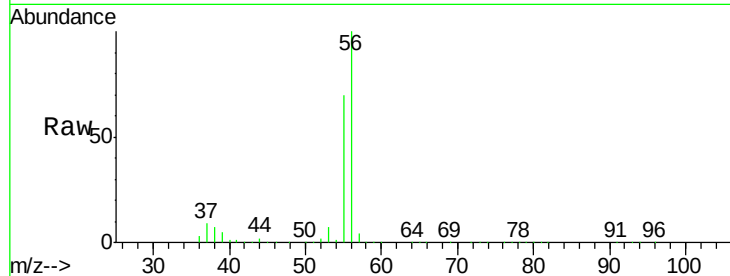
55 71.9 57.3 85.9

Manual Integrations

APPROVED

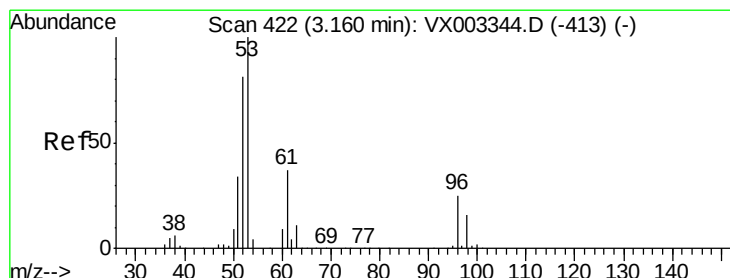
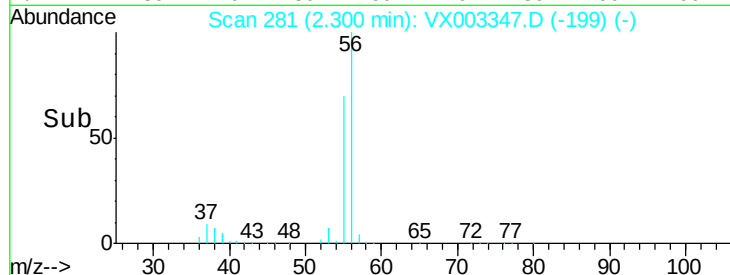
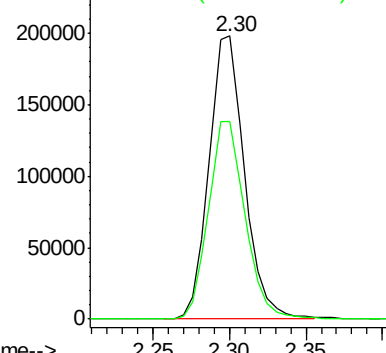
MMDadoda

7/13/2018 11:35:50 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 915.021 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

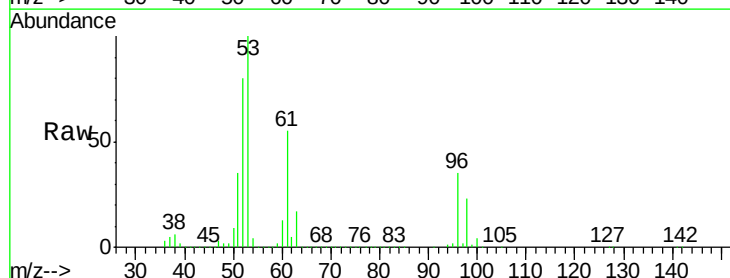
Tgt Ion: 53 Resp: 1629324

Ion Ratio Lower Upper

53 100

52 82.5 41.5 124.6

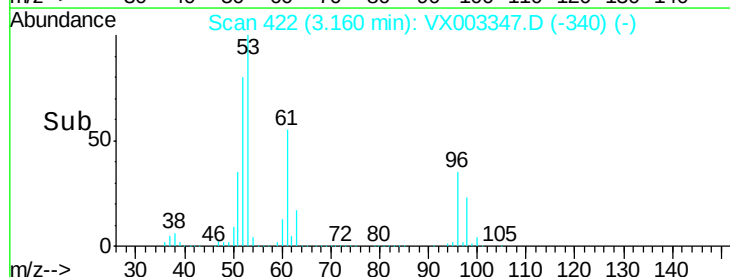
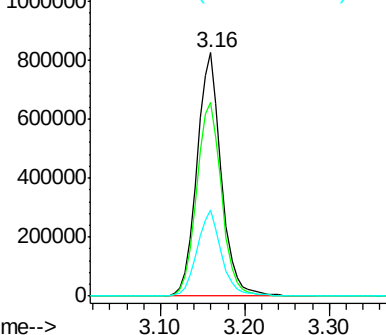
51 35.3 17.9 53.8

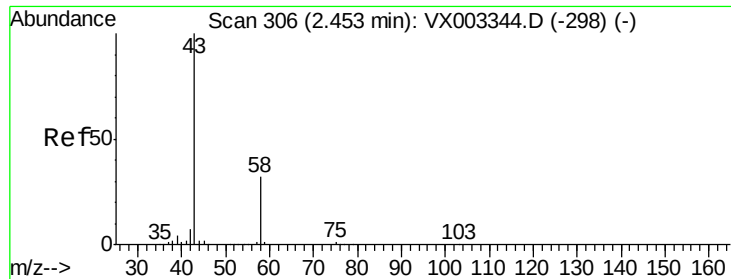


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





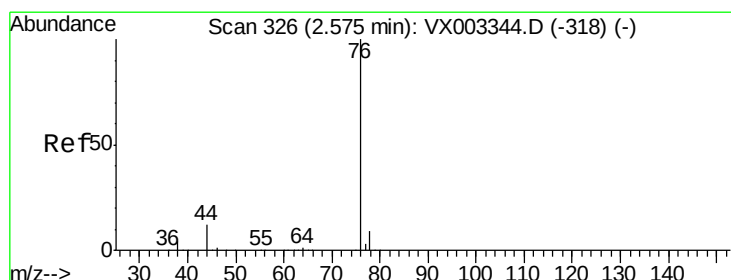
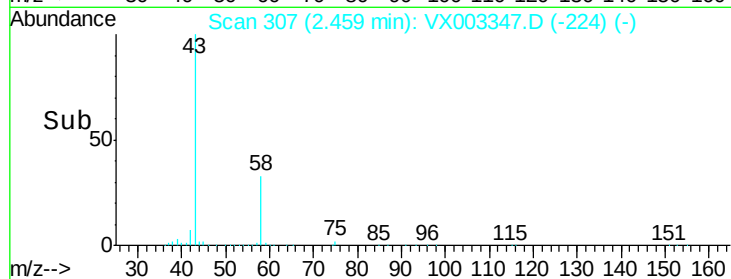
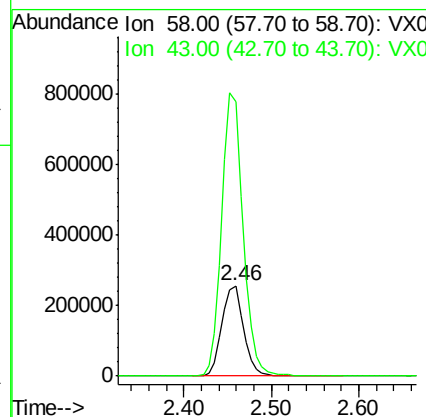
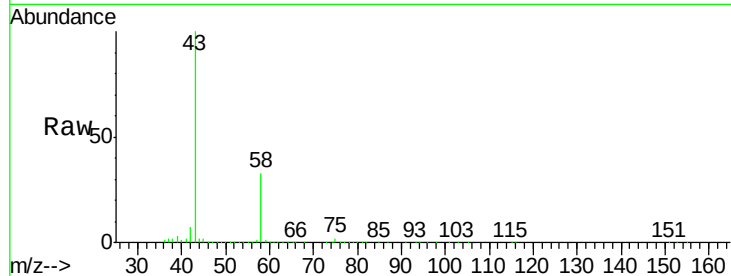
#15
Acetone
Concen: 888.126 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 58 Resp: 439564
Ion Ratio Lower Upper
58 100
43 303.7 278.8 418.2

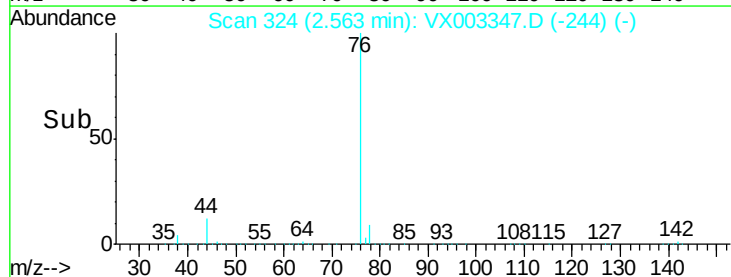
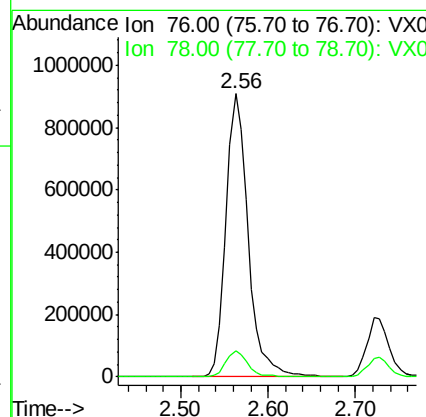
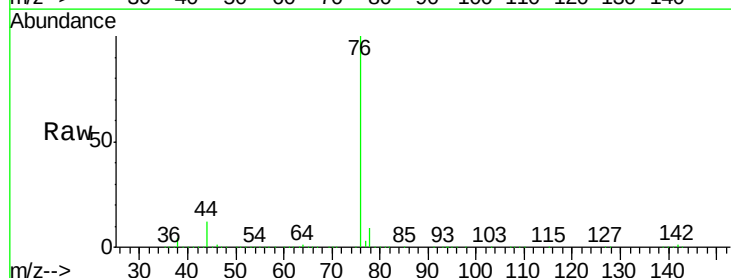
Manual Integrations
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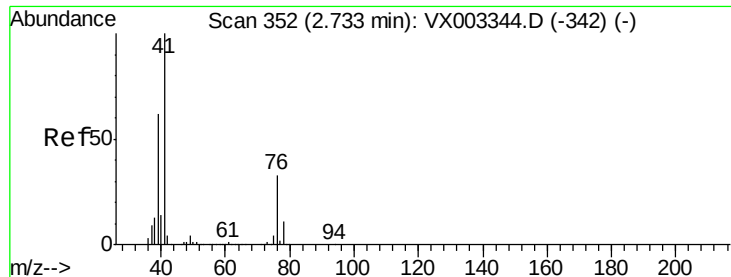
MMDadoda
7/13/2018 11:35:50 AM



#16
Carbon Disulfide
Concen: 219.029 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion: 76 Resp: 1599940
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#17

Allvl chloride

Concen: 177.767 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 1032019

Ion Ratio Lower Upper

41 100

39 58.5 34.6 103.8

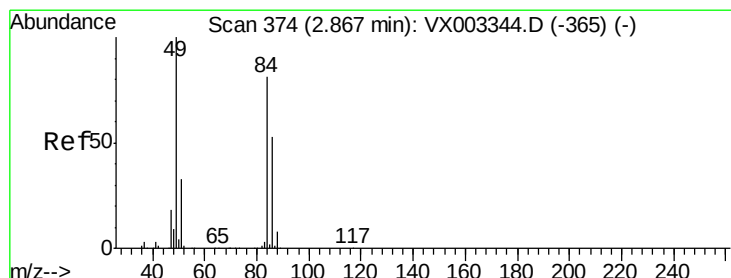
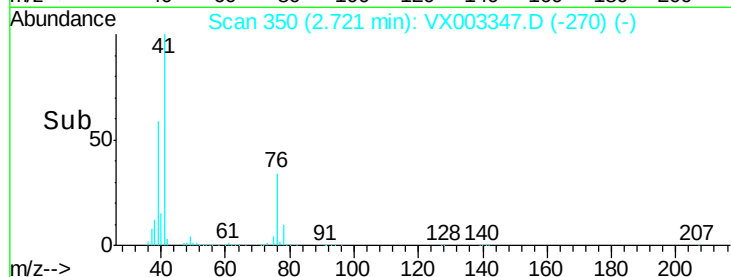
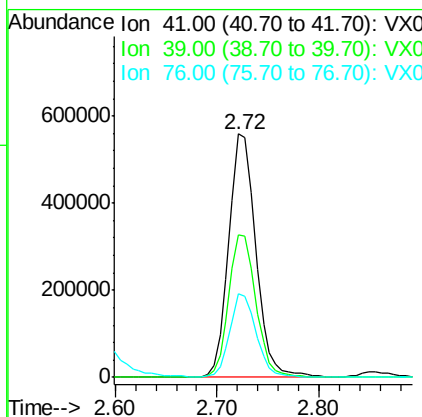
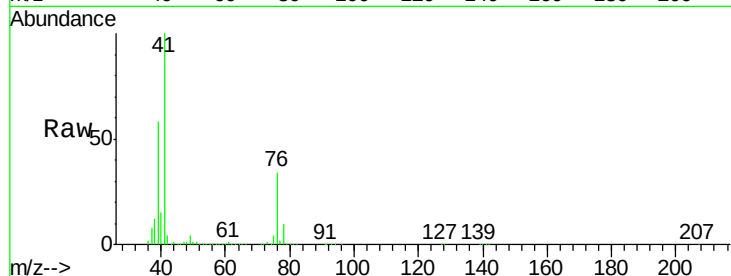
76 34.2 15.0 45.1

Manual Integrations

APPROVED

MMDadoda

7/13/2018 11:35:50 AM



#18

Methylene Chloride

Concen: 185.125 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tgt Ion: 84 Resp: 618165

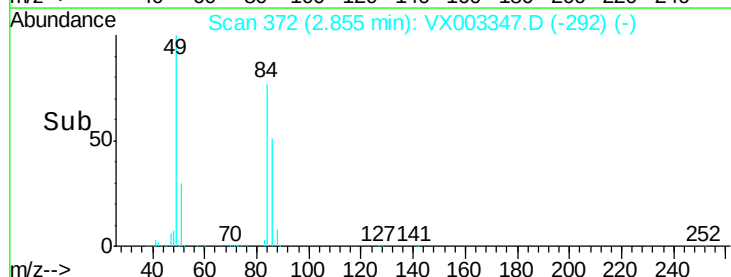
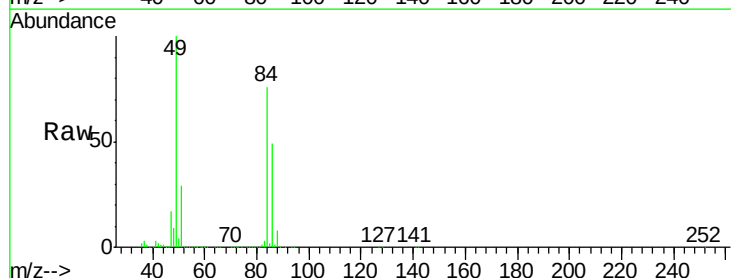
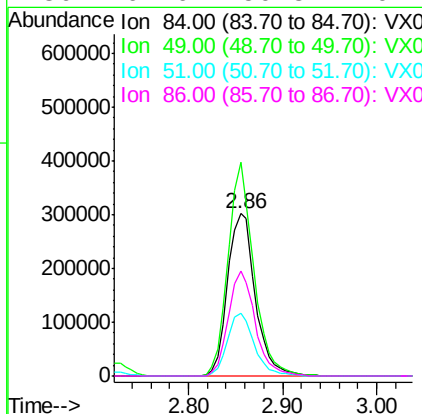
Ion Ratio Lower Upper

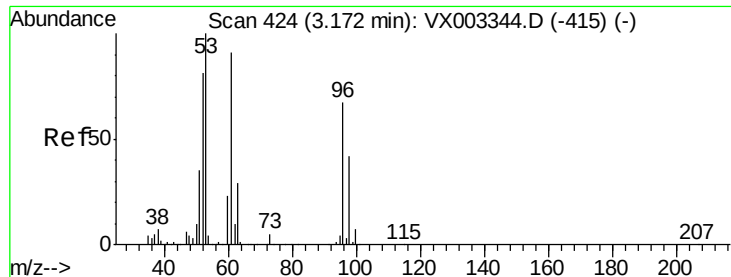
84 100

49 131.7 104.7 157.1

51 38.4 31.0 46.4

86 64.6 50.8 76.2





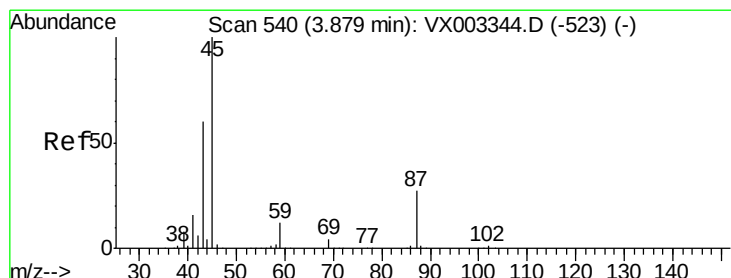
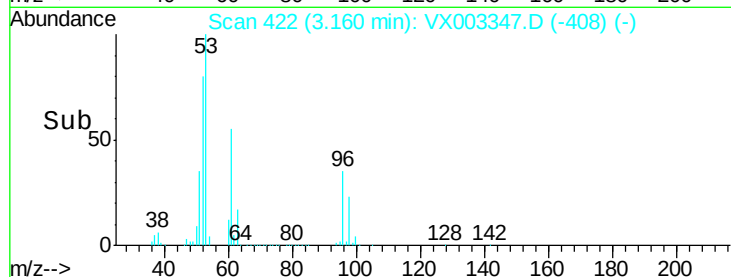
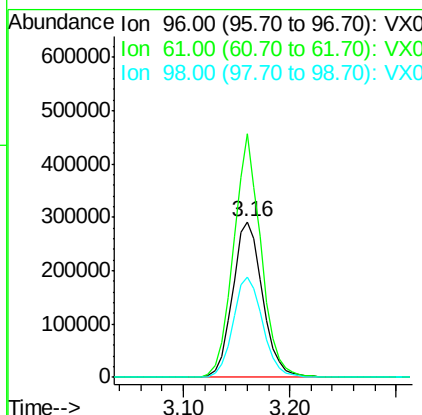
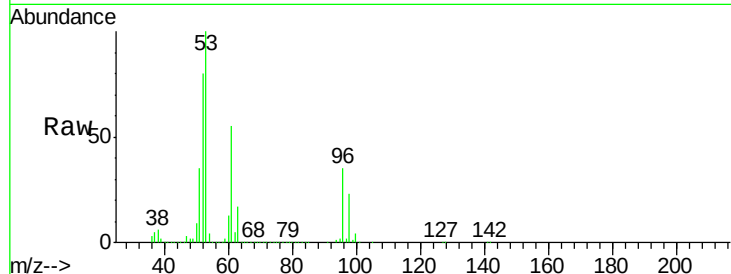
#19
trans-1,2-Dichloroethene
Concen: 183.656 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.3	114.6	172.0
98	64.4	51.3	76.9

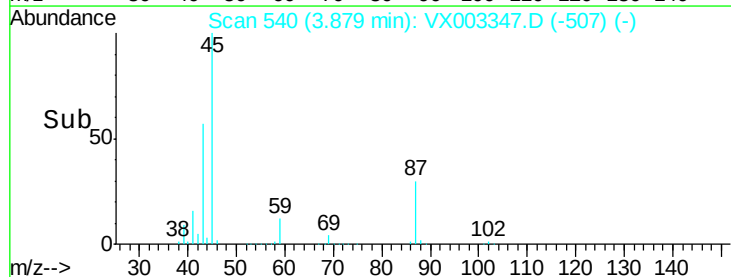
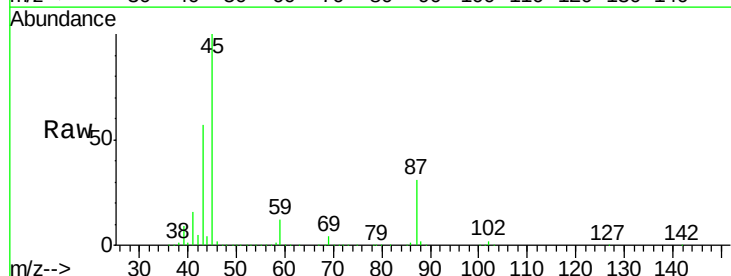
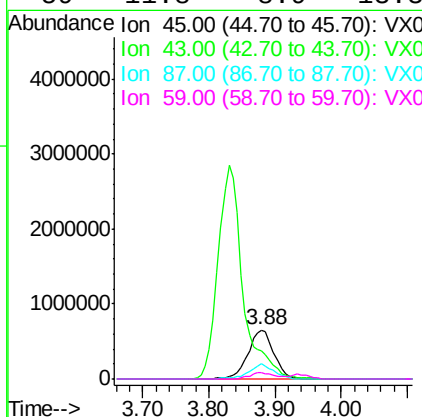
Manual Integrations
APPROVED

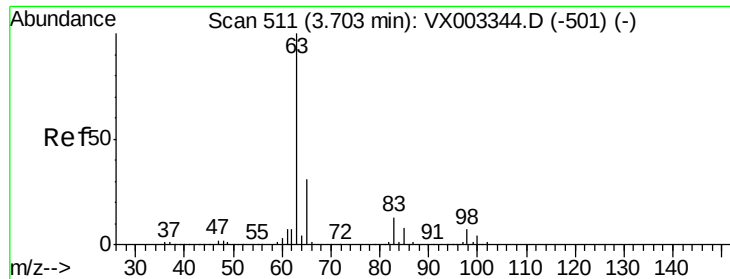
MMDadoda
7/13/2018 11:35:50 AM



#20
Diisopropyl ether
Concen: 165.173 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.2	45.6	68.4
87	30.5	20.7	31.1
59	11.8	8.9	13.3





#21

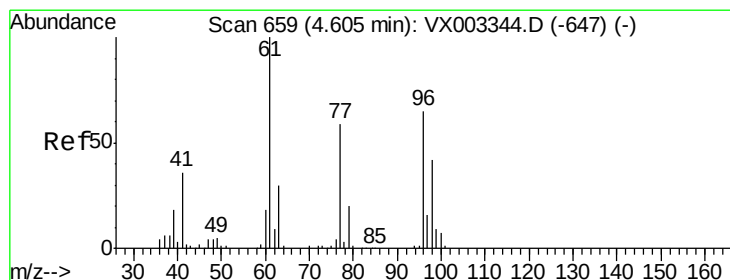
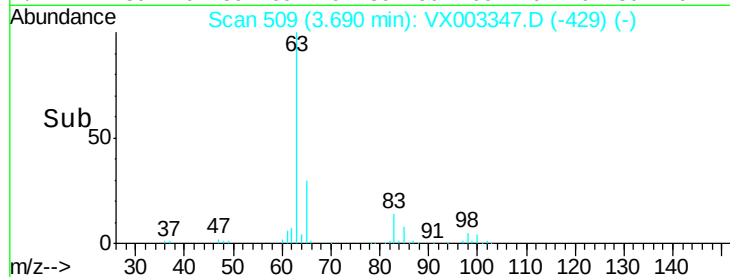
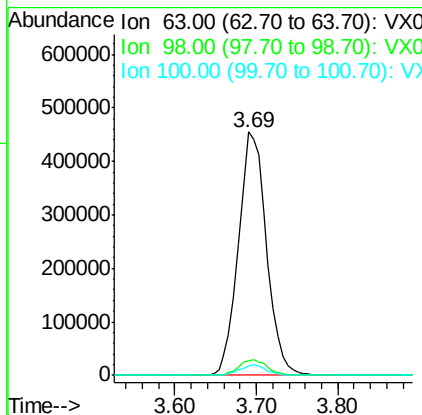
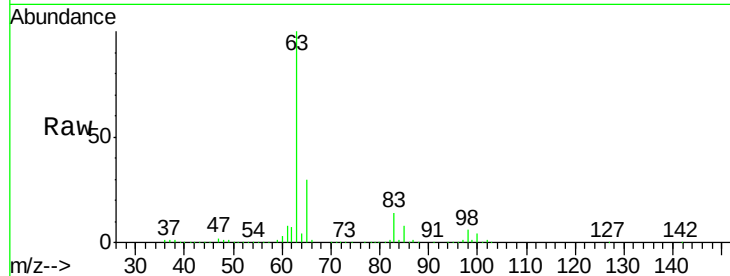
1,1-Dichloroethane
Concen: 186.021 ug/l
RT: 3.69 min Scan# 509
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.1	9.3
100	3.9	2.2	6.6

Manual Integrations
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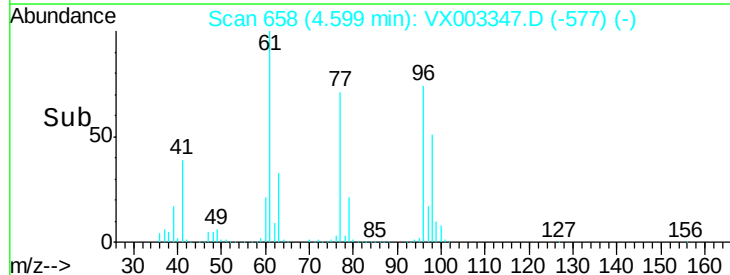
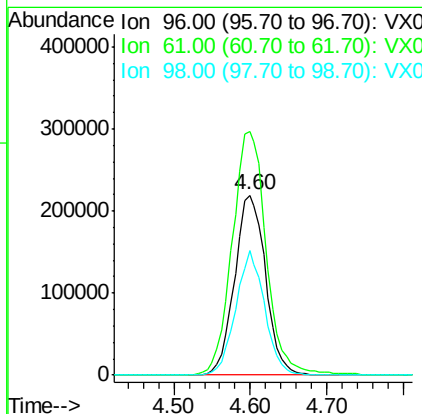
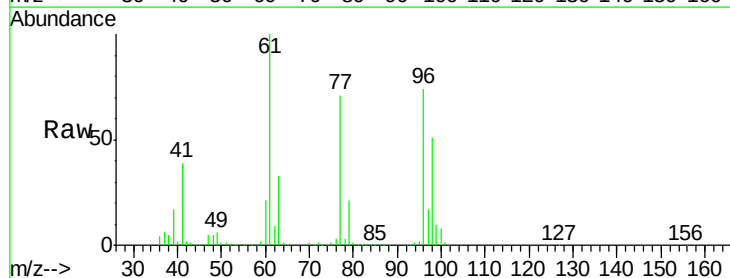
MMDadoda
7/13/2018 11:35:50 AM

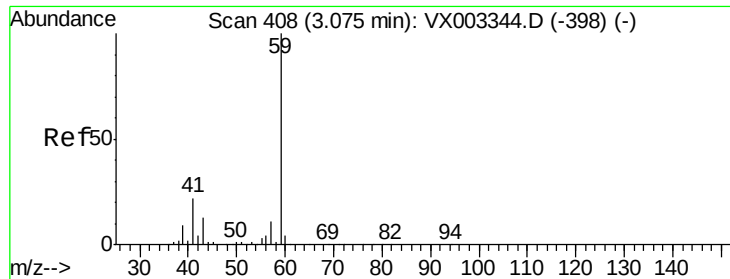


#22

cis-1,2-Dichloroethene
Concen: 182.538 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	160.2	240.2#
98	64.7	54.1	81.1





#23

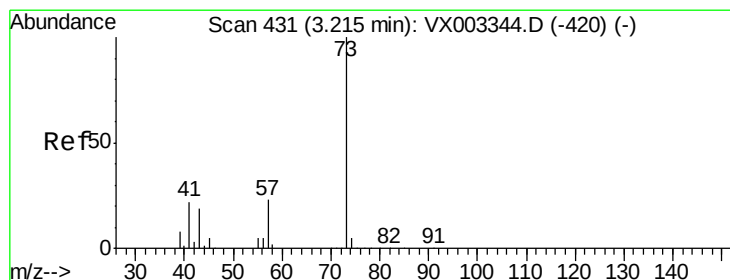
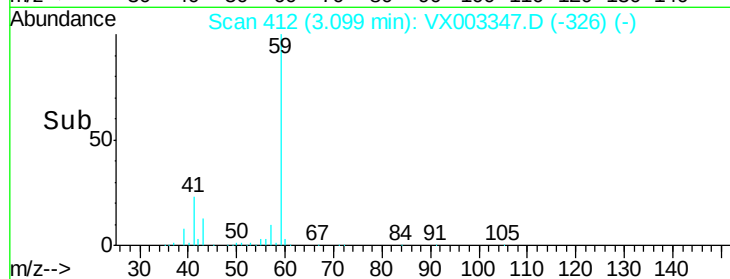
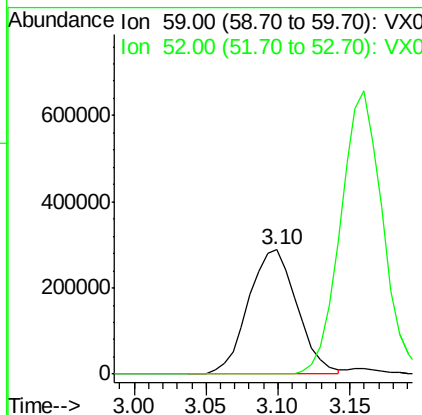
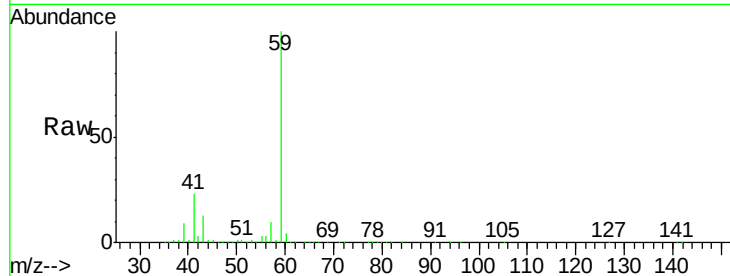
tert-Butyl Alcohol
 Concen: 838.382 ug/l
 RT: 3.10 min Scan# 412
 Delta R.T. 0.02 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

Manual Integrations
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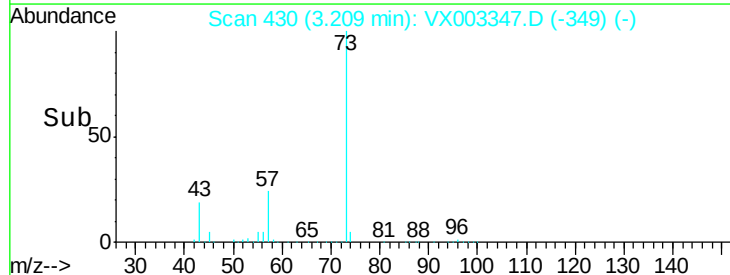
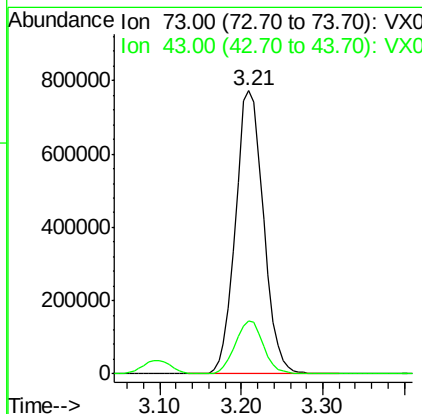
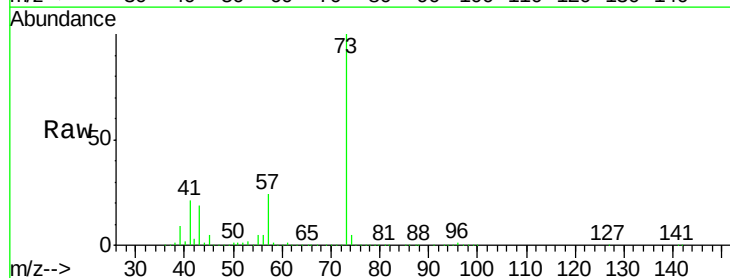
MMDadoda
 7/13/2018 11:35:50 AM

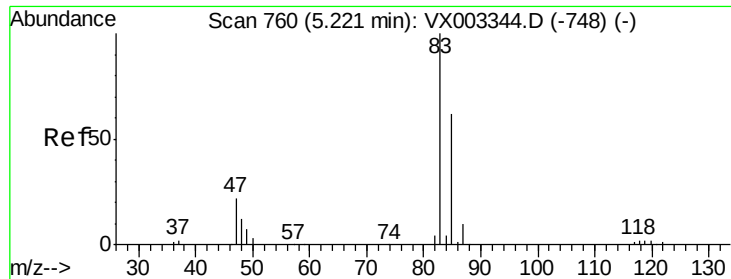


#24

Methyl tert-Butyl Ether
 Concen: 168.154 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.6	19.0	28.4#





#25

Chloroform

Concen: 172.668 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1007931

Ion Ratio Lower Upper

83 100

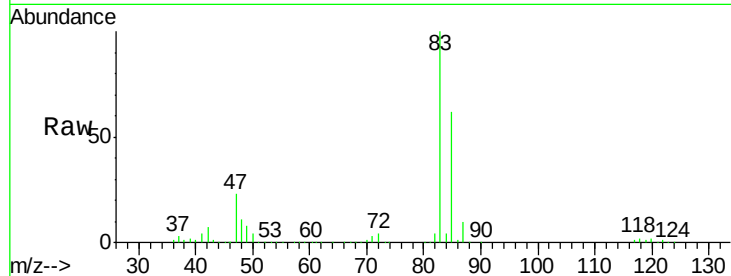
85 62.1 51.9 77.9

Manual Integrations

APPROVED

MMDadoda

7/13/2018 11:35:50 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.22

400000

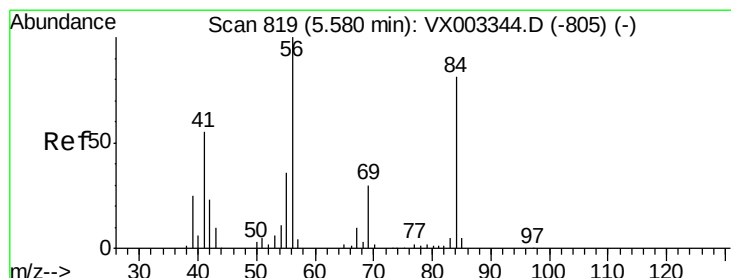
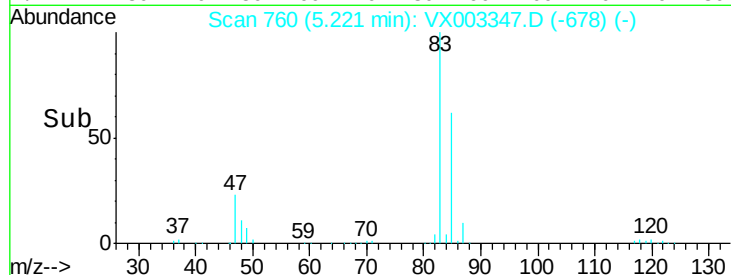
300000

200000

100000

0

Time-->



#26

Cyclohexane

Concen: 180.833 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

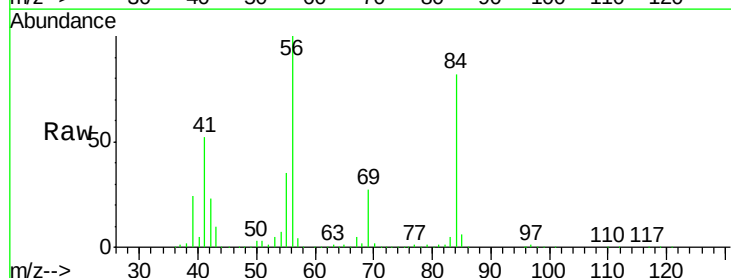
Tgt Ion: 56 Resp: 893647

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 86.0 64.9 97.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.57

500000

400000

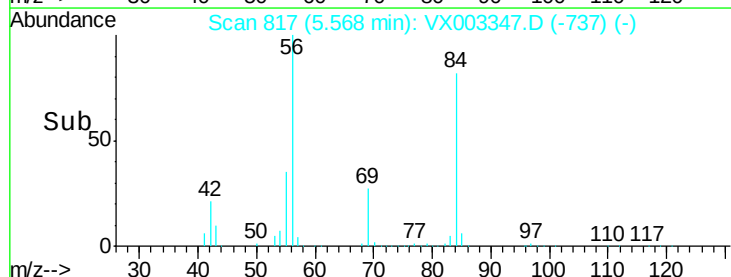
300000

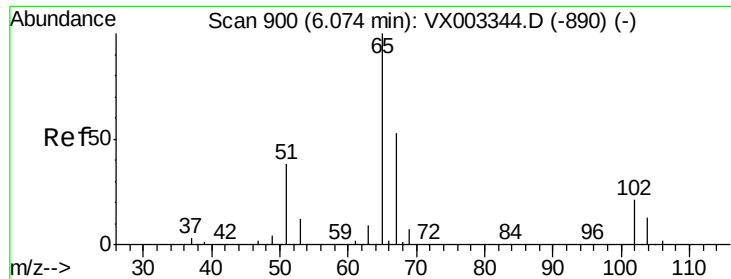
200000

100000

0

Time-->





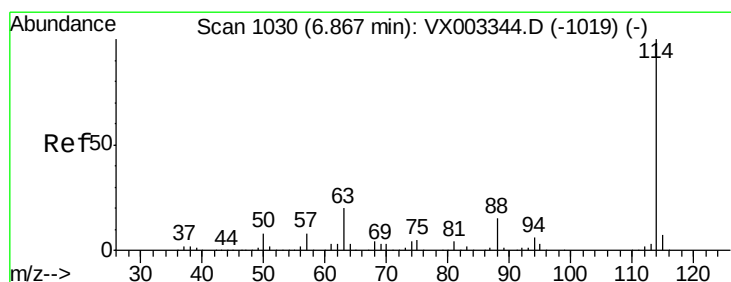
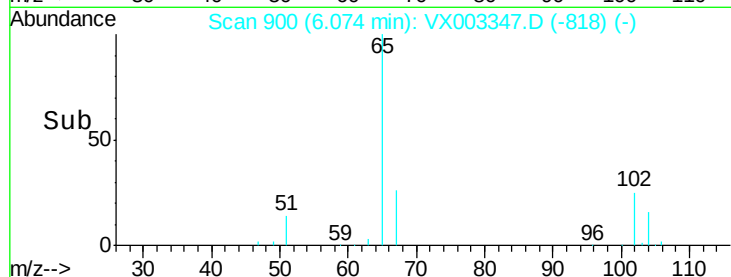
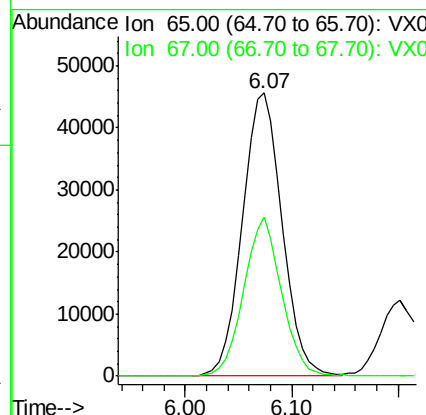
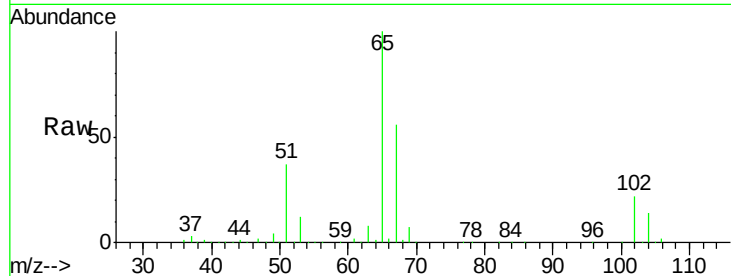
#27
 1,2-Dichloroethane-d4
 Concen: 27.757 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	40.9	61.3

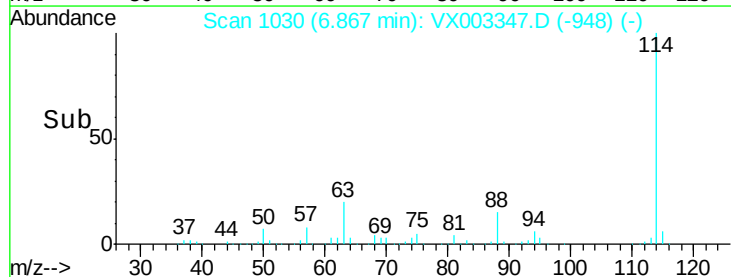
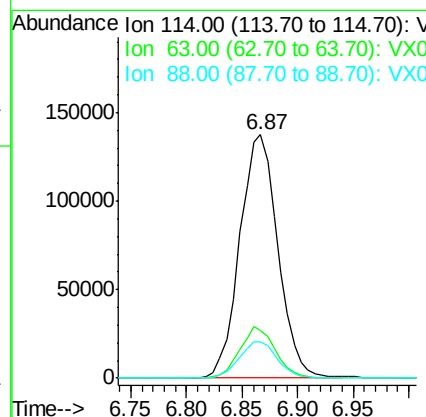
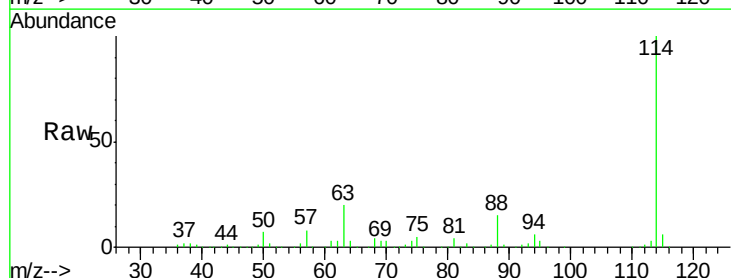
Manual Integrations
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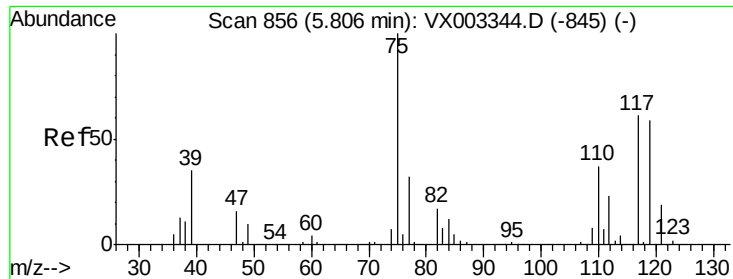
MMDadoda
 7/13/2018 11:35:50 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	17.1	25.7
88	15.0	12.6	19.0





#29

1,1-Dichloropropene

Concen: 176.859 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

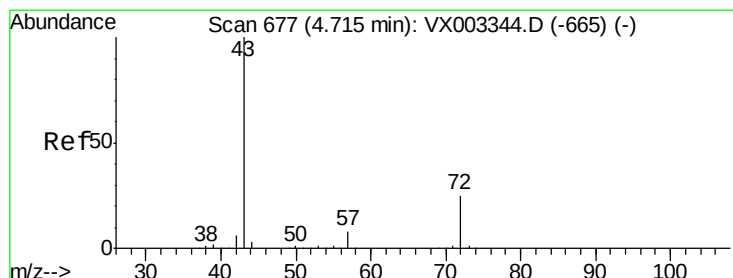
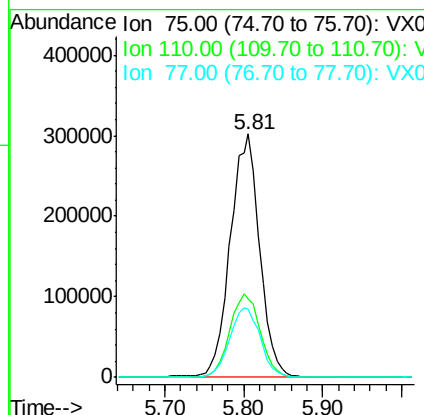
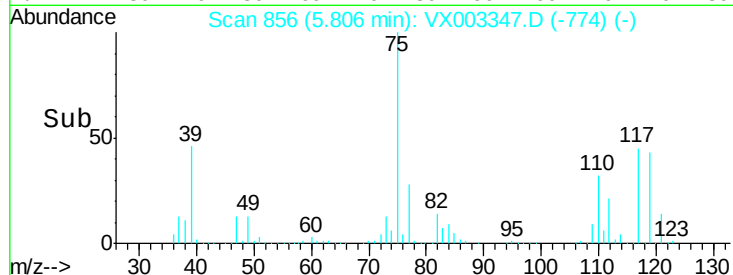
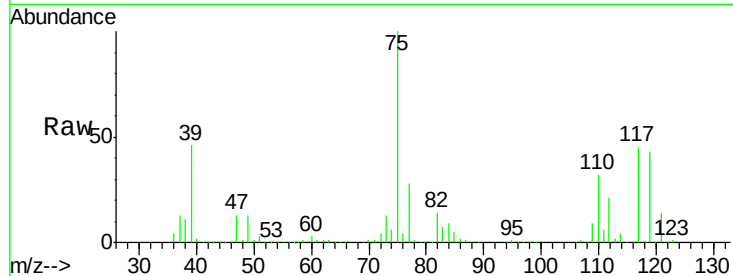
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	779076
Ion Ratio	Lower	Upper	
75	100		
110	35.7	0.0	71.4
77	29.9	0.0	60.6

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#30

2-Butanone

Concen: 803.672 ug/l

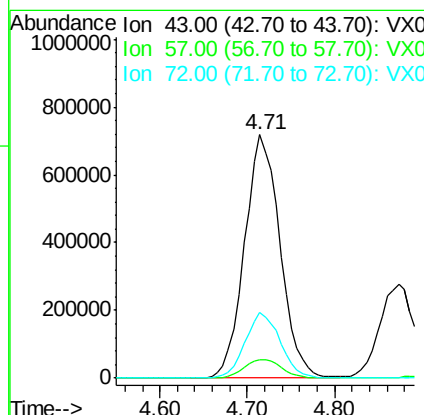
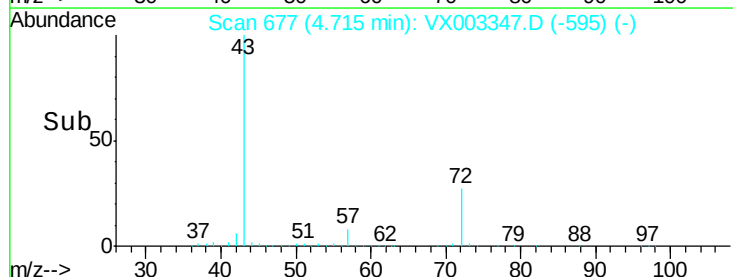
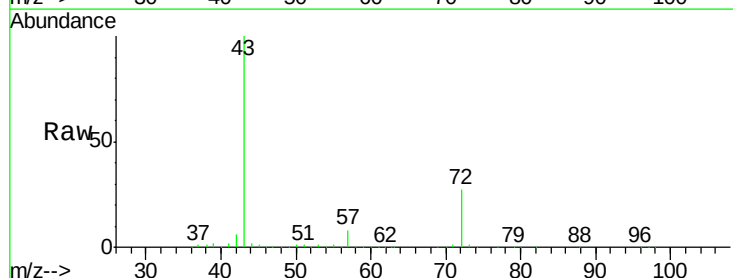
RT: 4.71 min Scan# 677

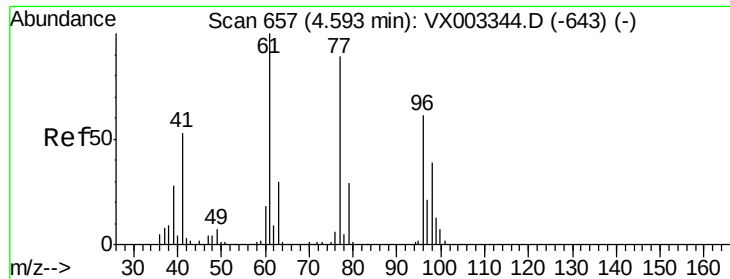
Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tgt Ion:	43	Resp:	2025756
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.1	9.1
72	26.8	18.1	27.1





#31

2,2-Dichloropropane

Concen: 165.723 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 77 Resp: 780207

Ion Ratio Lower Upper

77 100

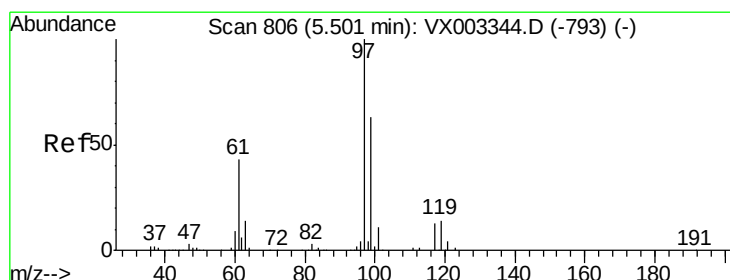
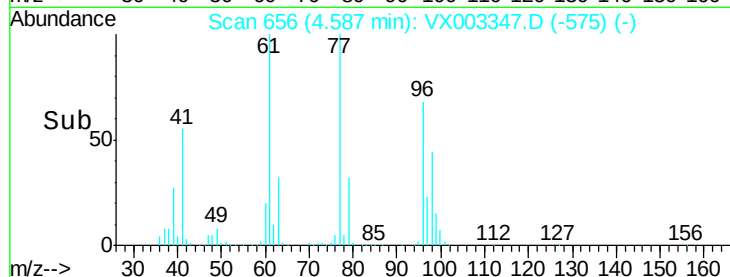
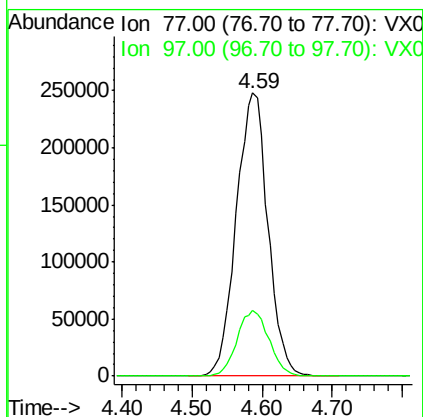
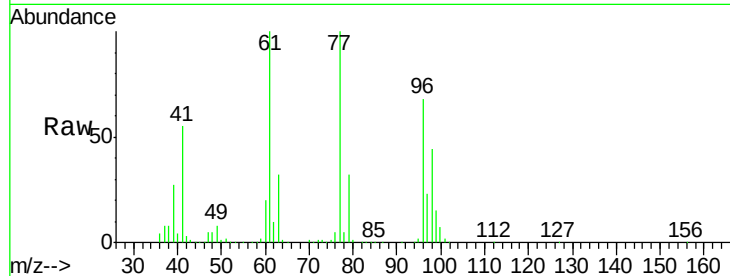
97 23.4 18.7 28.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 163.178 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

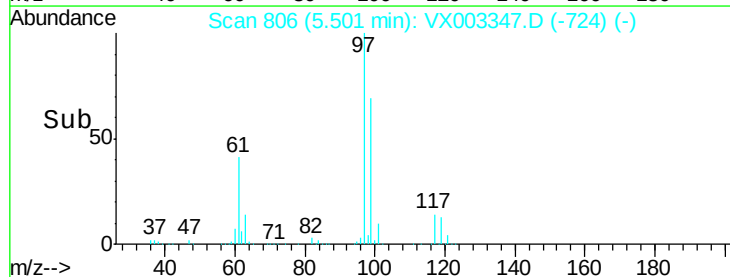
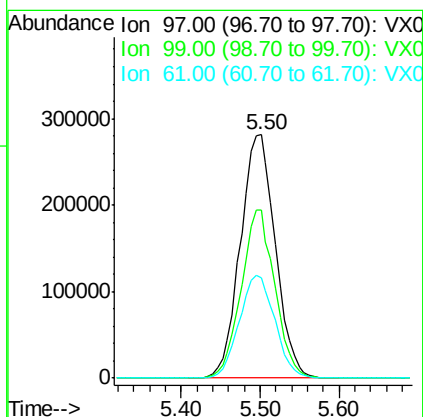
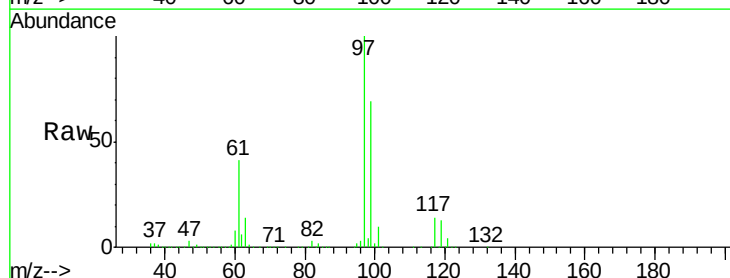
Tgt Ion: 97 Resp: 868325

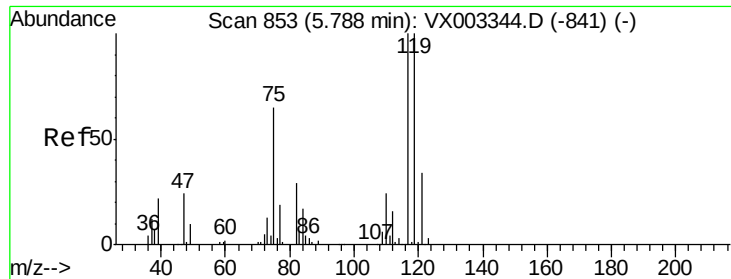
Ion Ratio Lower Upper

97 100

99 66.1 51.7 77.5

61 42.9 36.4 54.6





#33

Carbon Tetrachloride

Concen: 158.939 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

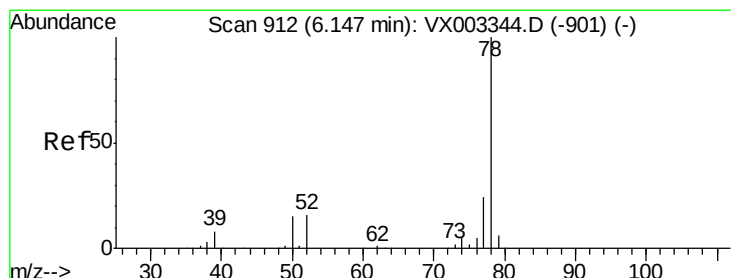
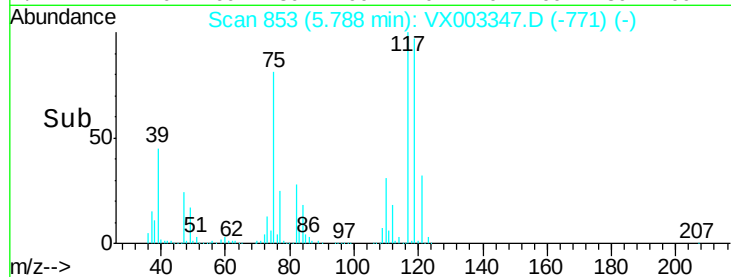
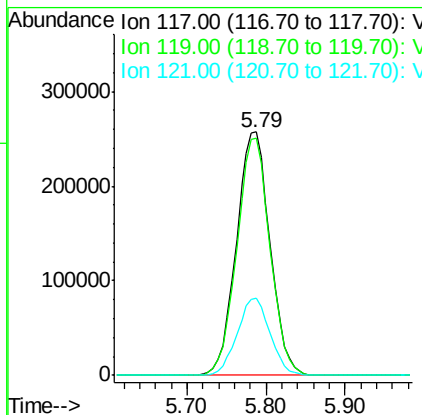
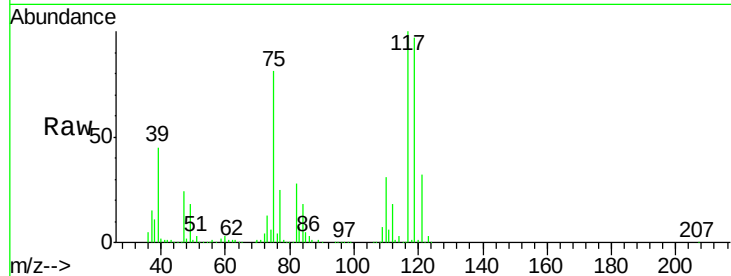
ClientSampleId :

VSTDIC150

Tot Ion:	117	Resp:	760198
Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.3	109.9
121	31.6	23.6	35.4

Manual Integrations
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#34

Benzene

Concen: 168.072 ug/l

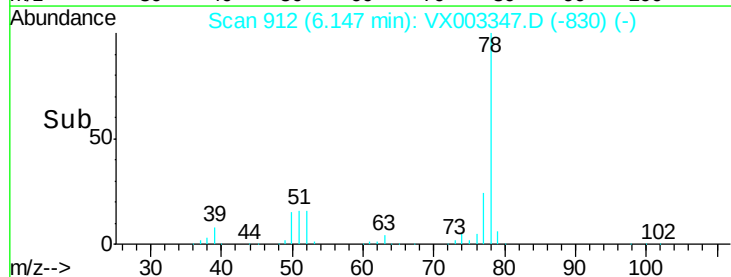
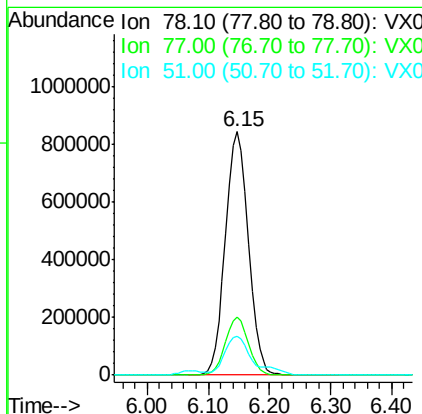
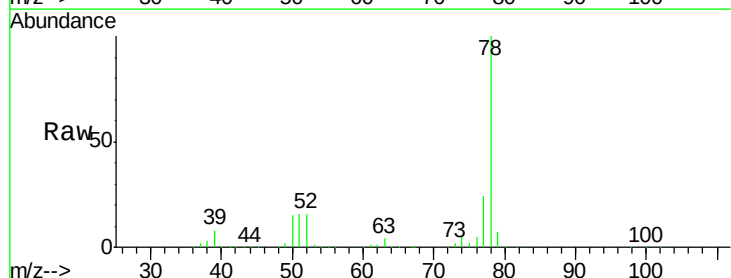
RT: 6.15 min Scan# 912

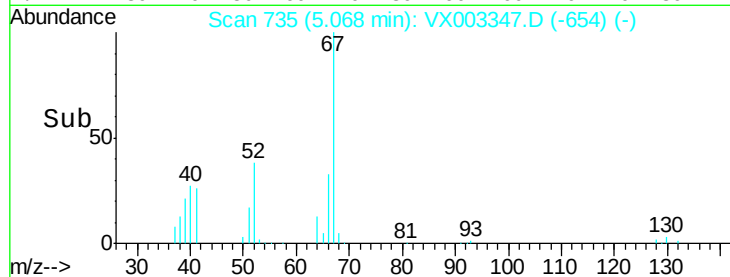
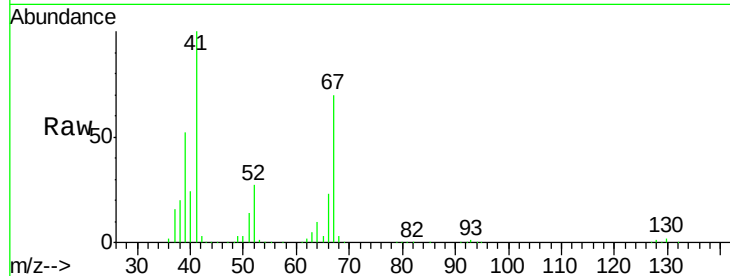
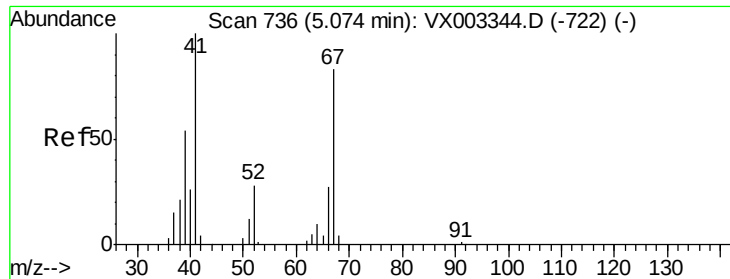
Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tgt Ion:	78	Resp:	2192584
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0
51	16.1	13.8	20.6





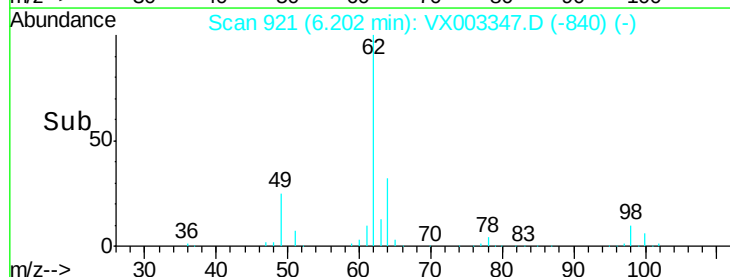
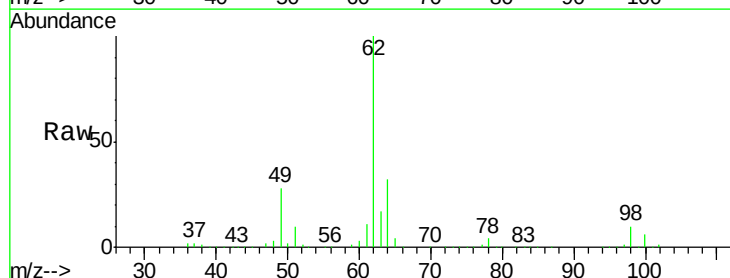
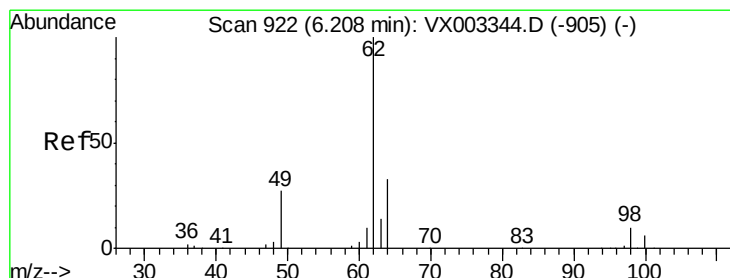
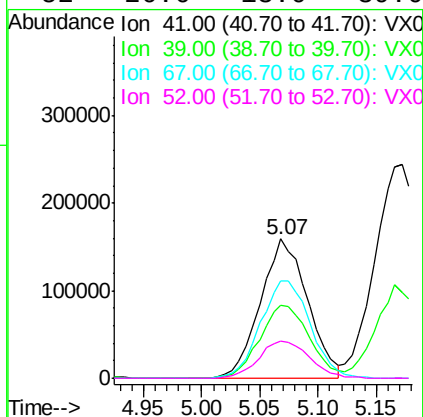
#35
Methacrylonitrile
Concen: 162.743 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.1	28.8	86.5		
67	70.1	30.4	91.2		
52	26.6	13.0	39.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

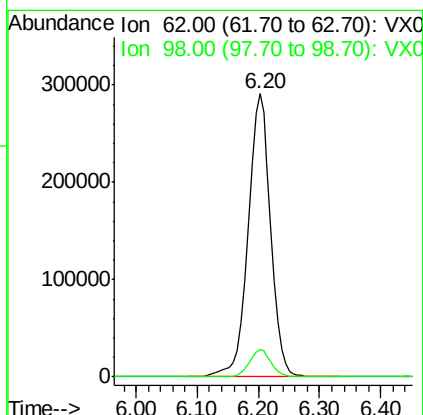
Manual Integrations
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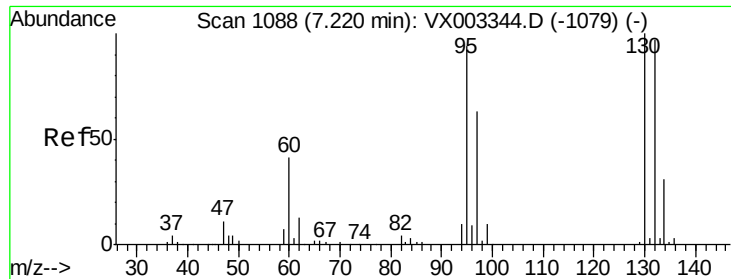
MMDadoda
7/13/2018 11:35:50 AM



#36
1,2-Dichloroethane
Concen: 145.844 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.3	6.5	9.7		





#37

Trichloroethene

Concen: 161.052 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 615351

Ion Ratio Lower Upper

130 100

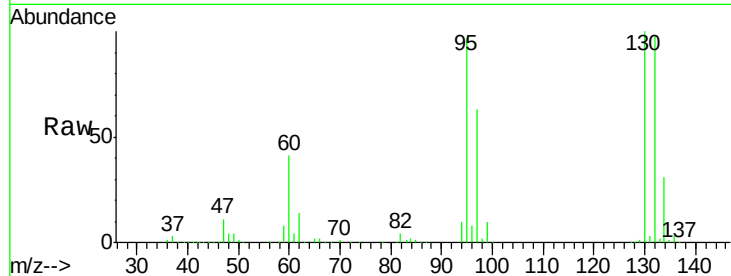
95 96.9 81.5 122.3

Manual Integrations

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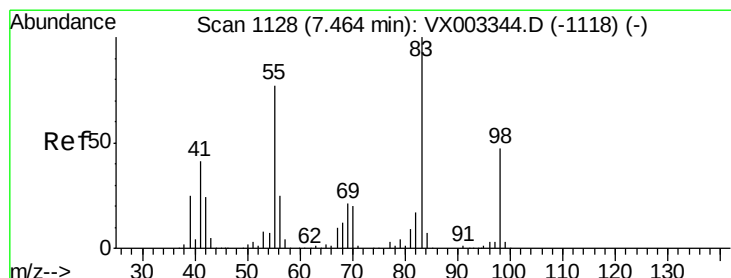
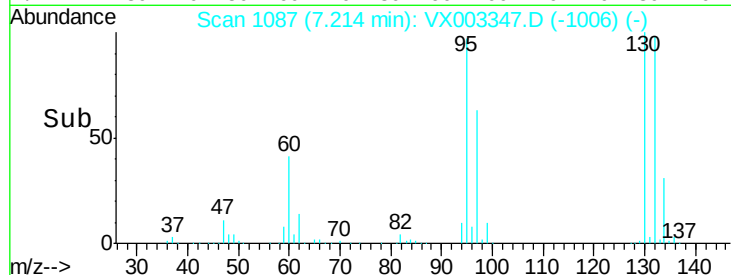
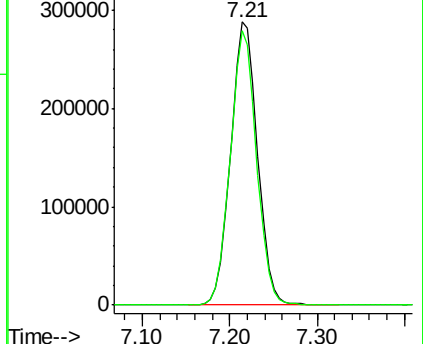
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 162.782 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

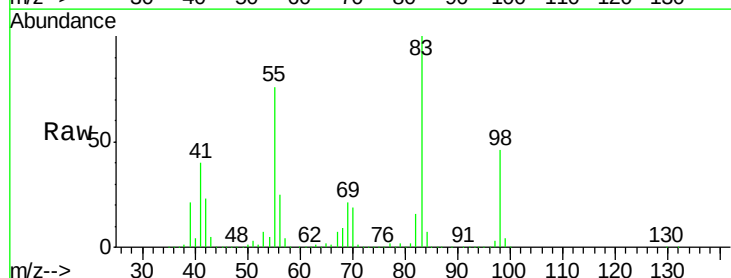
Tgt Ion: 83 Resp: 872394

Ion Ratio Lower Upper

83 100

55 76.0 40.6 121.8

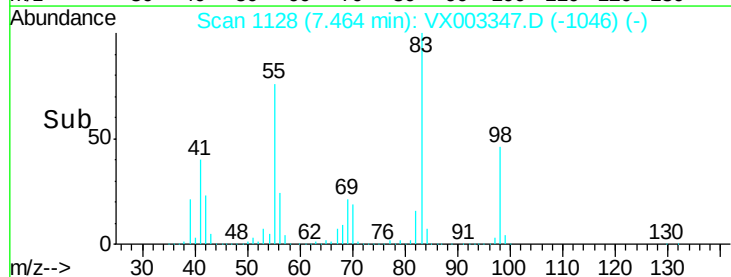
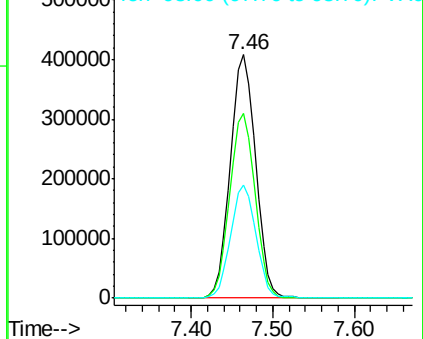
98 46.6 23.5 70.5

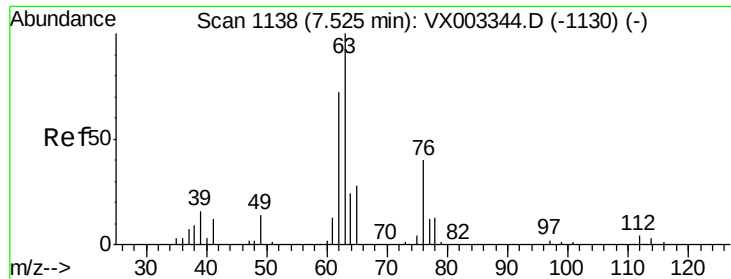


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 167.403 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 569654

Ion Ratio Lower Upper

63 100

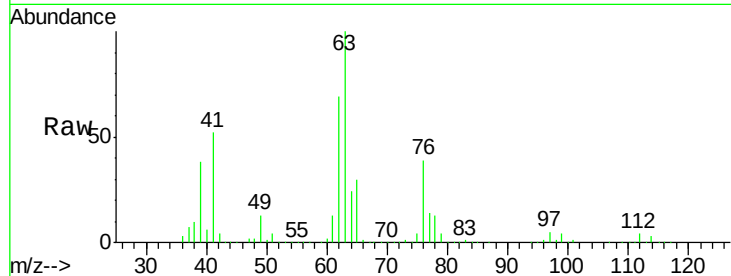
65 30.2 23.3 34.9

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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.52

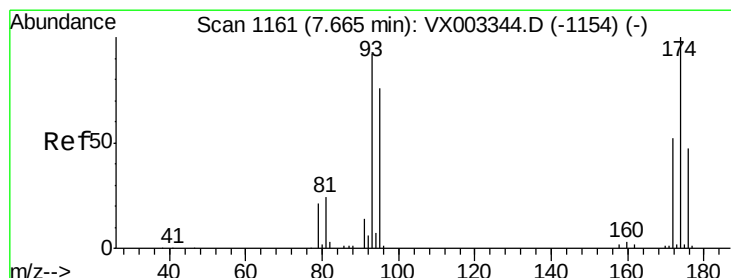
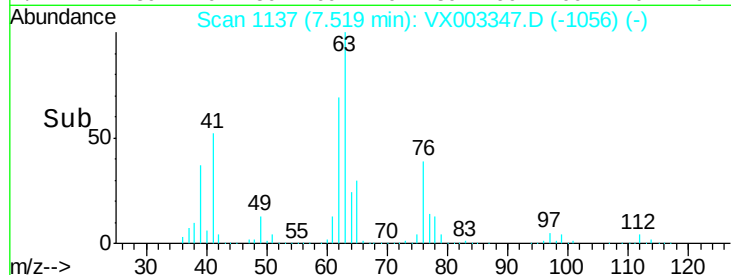
300000

200000

100000

0

Time-->



#40

Dibromomethane

Concen: 157.696 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

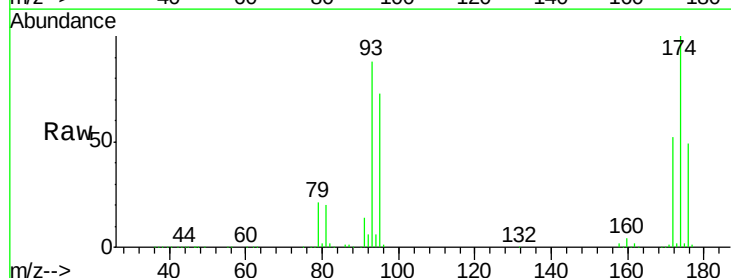
Tgt Ion: 93 Resp: 372826

Ion Ratio Lower Upper

93 100

95 82.9 0.0 162.6

174 115.8 0.0 229.4



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

7.67

300000

250000

200000

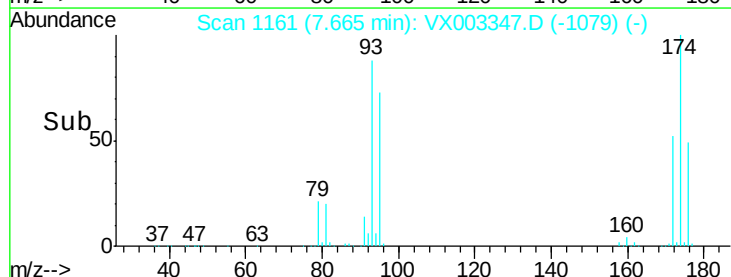
150000

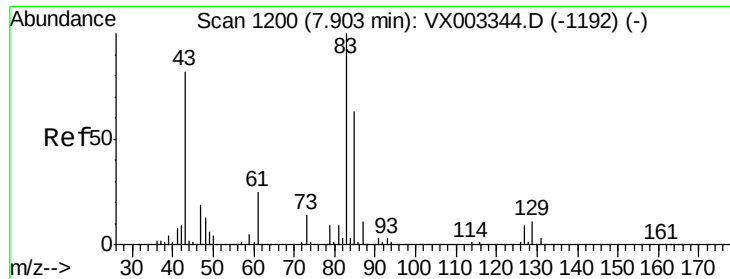
100000

50000

0

Time-->





#41

Bromodichloromethane

Concen: 164.616 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 731072

Ion Ratio Lower Upper

83 100

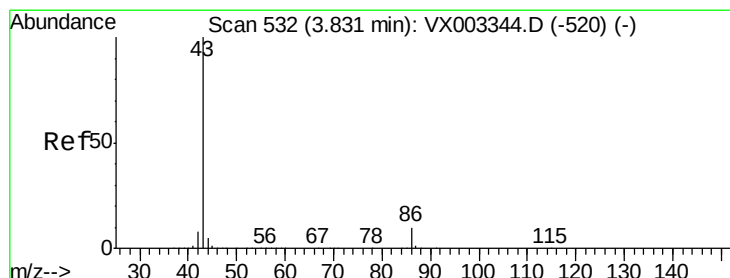
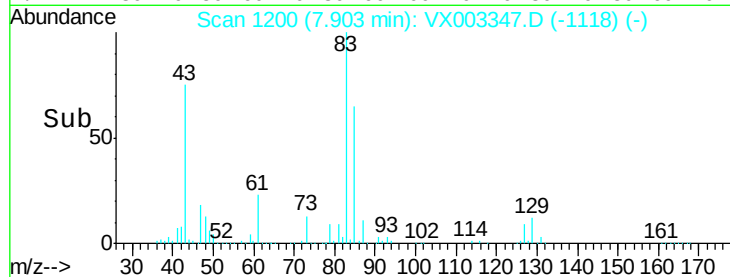
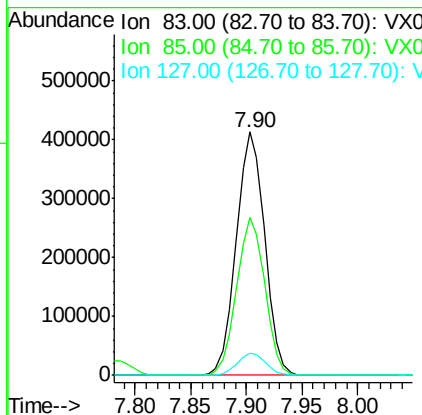
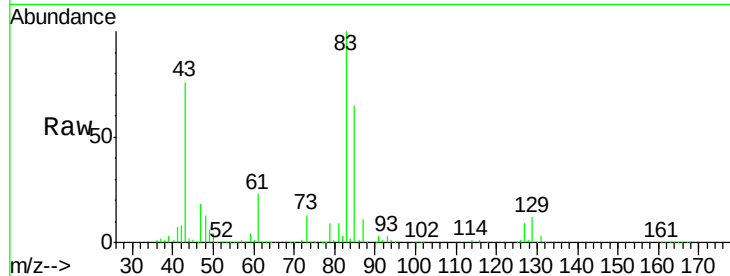
85 65.0 49.8 74.8

127 9.0 7.3 10.9

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#42

Vinyl Acetate

Concen: 779.449 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003347.D

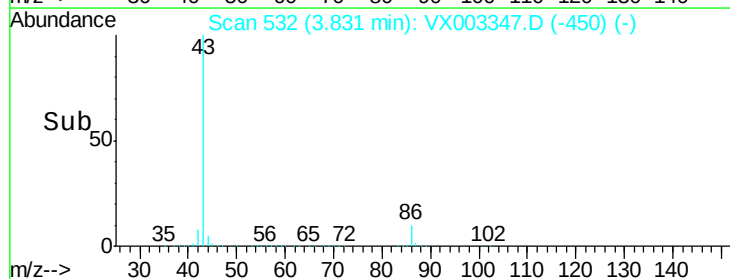
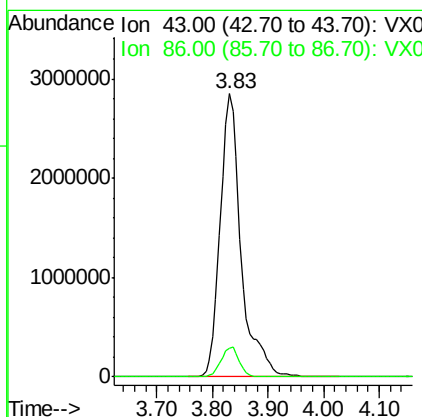
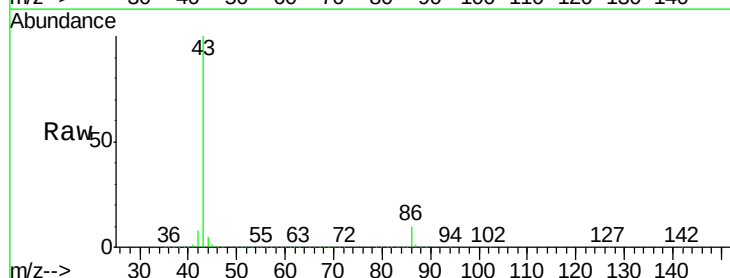
Acq: 12 Jul 2018 12:57

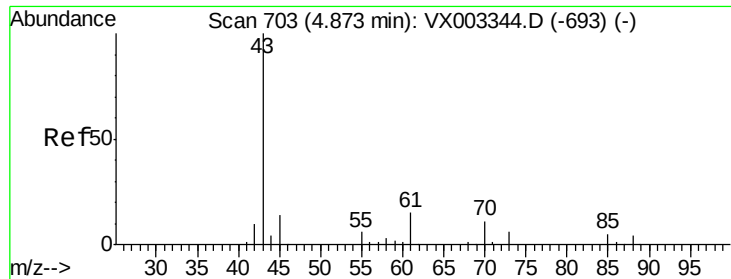
Tgt Ion: 43 Resp: 7451257

Ion Ratio Lower Upper

43 100

86 9.3 6.7 10.1





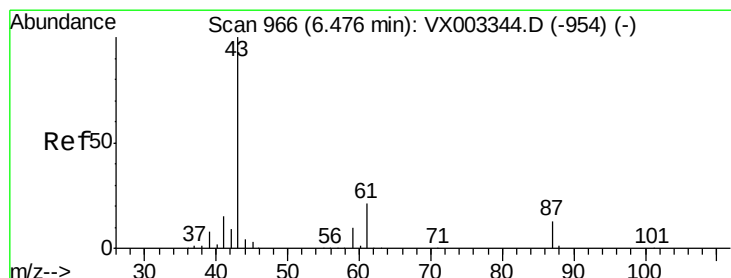
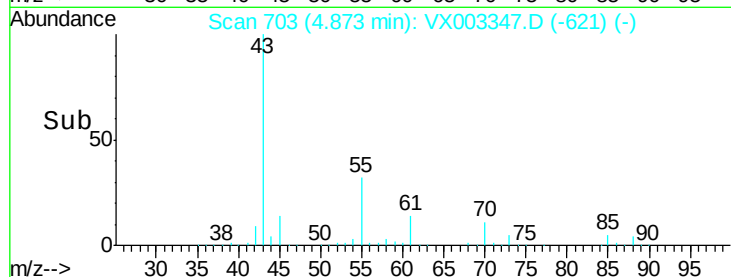
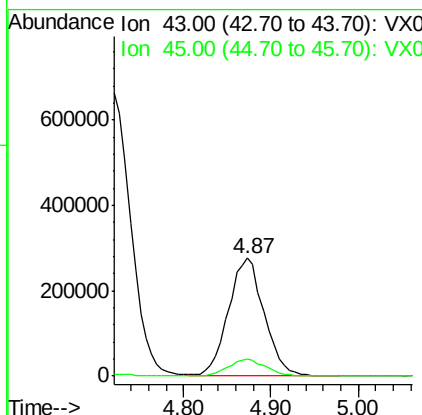
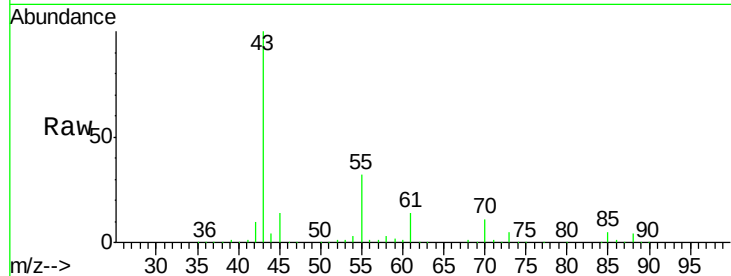
#43
Ethyl Acetate
Concen: 162.301 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 782439
Ion Ratio Lower Upper
43 100
45 14.9 11.0 16.4

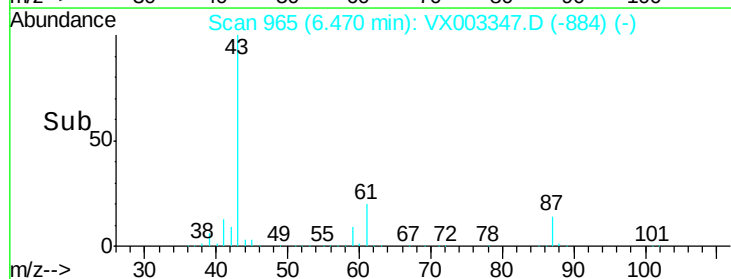
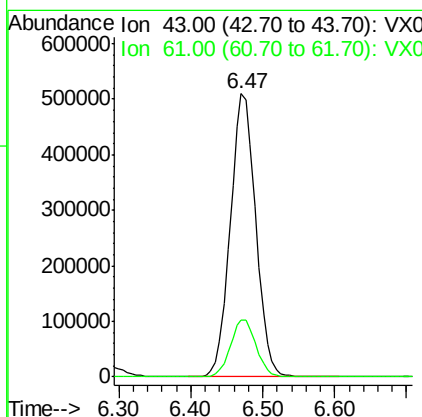
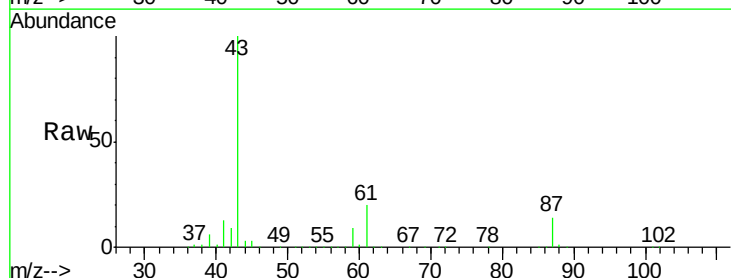
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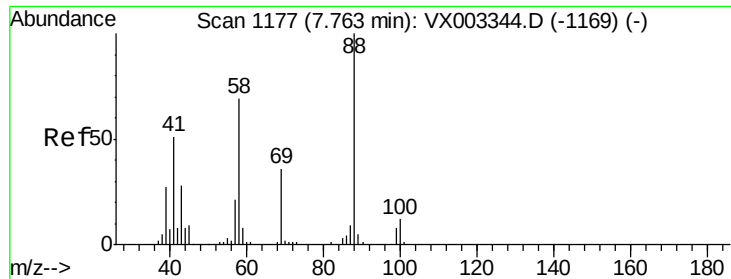
MMDadoda
7/13/2018 11:35:50 AM



#44
Isopropyl Acetate
Concen: 154.814 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion: 43 Resp: 1250518
Ion Ratio Lower Upper
43 100
61 20.4 14.5 21.7





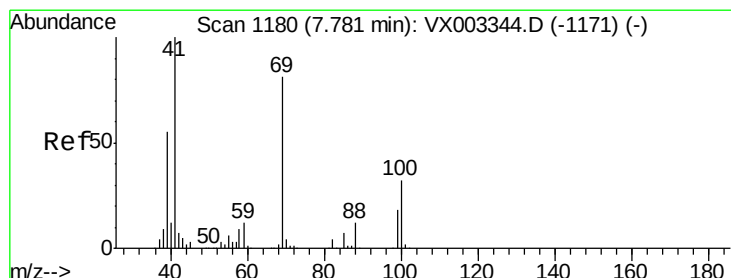
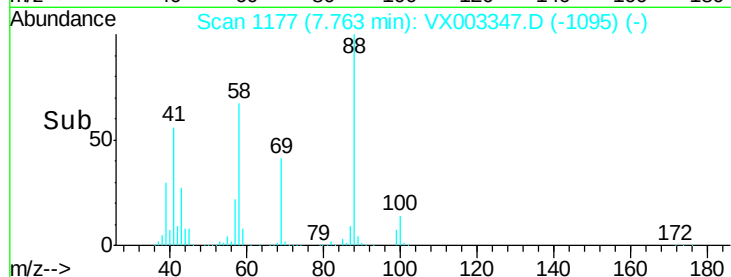
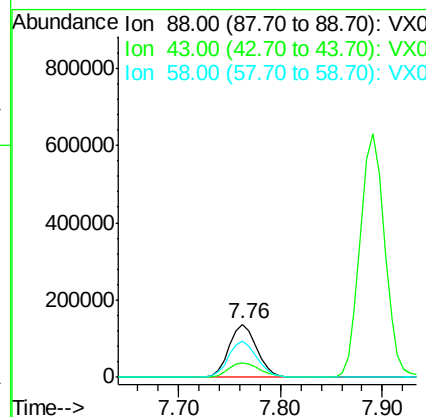
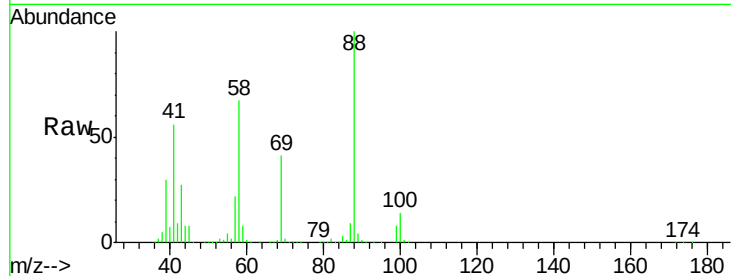
#45
 1,4-Dioxane
 Concen: 3263.364 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	258236		
43	30.9		43.2	64.8#
58	69.1		60.2	90.2

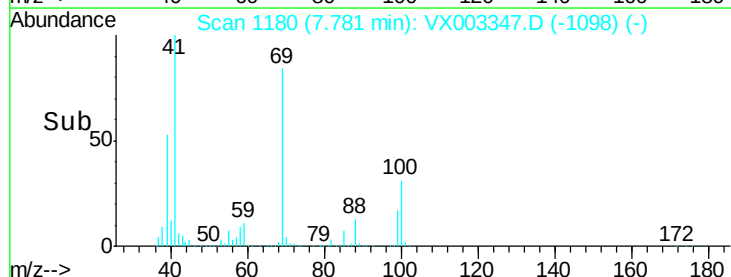
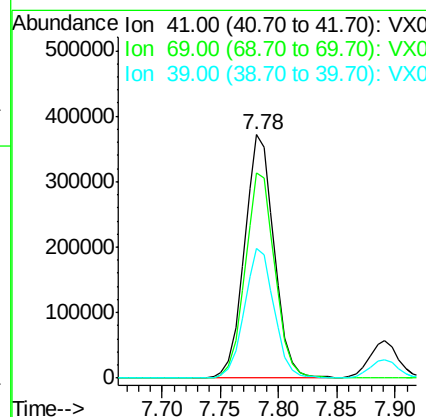
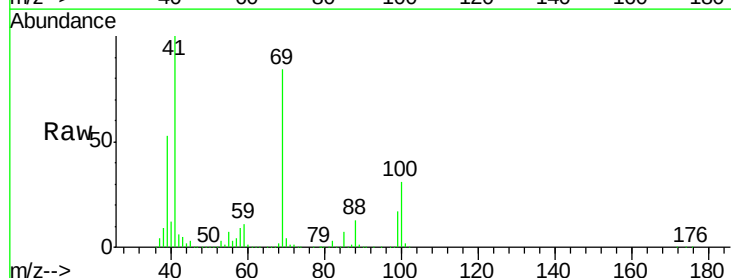
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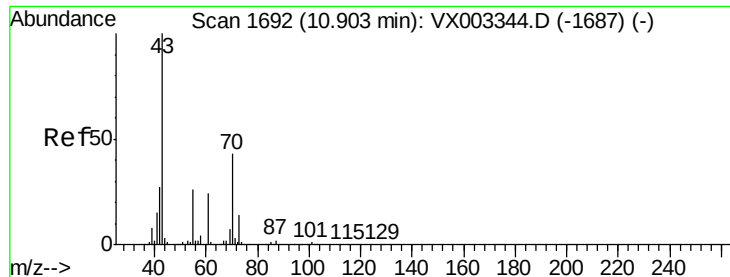
MMDadoda
 7/13/2018 11:35:50 AM



#46
 Methyl methacrylate
 Concen: 159.580 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	658639		
69	84.1		37.0	110.9
39	53.0		29.6	88.9





#47

n-amvl Acetate

Concen: 152.322 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 1161001

Ion Ratio Lower Upper

43 100

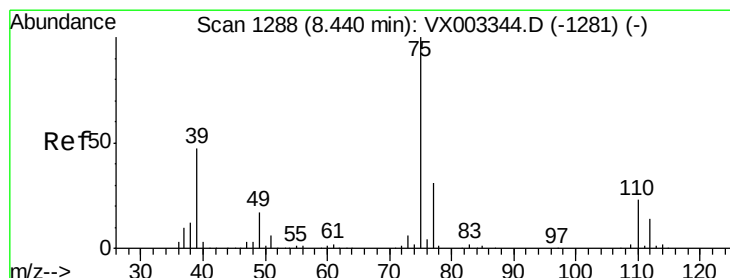
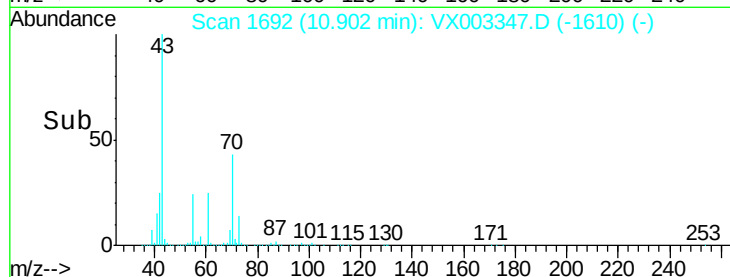
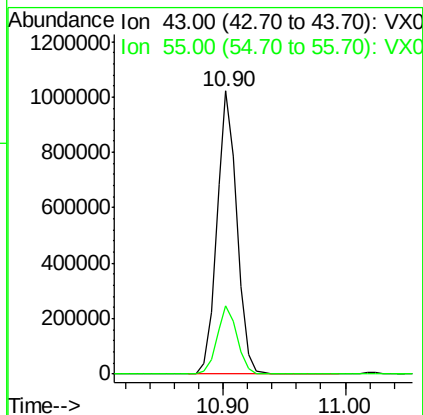
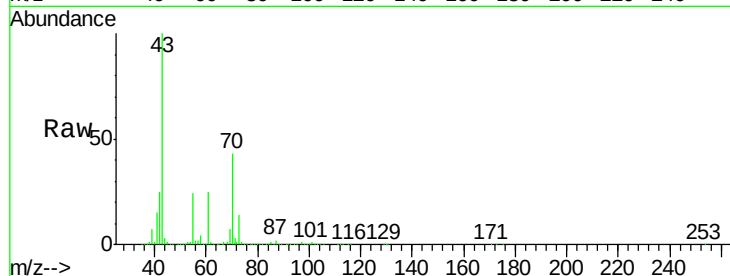
55 24.3 0.1 0.1#

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 174.607 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003347.D

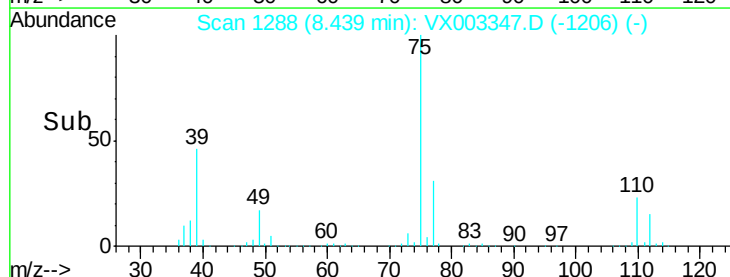
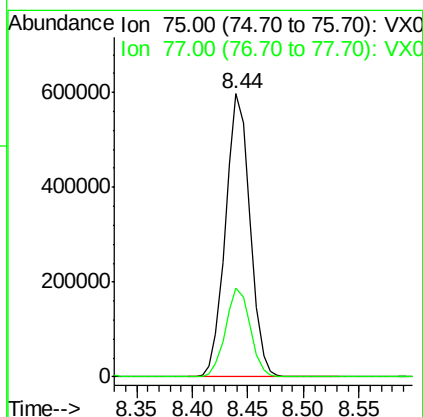
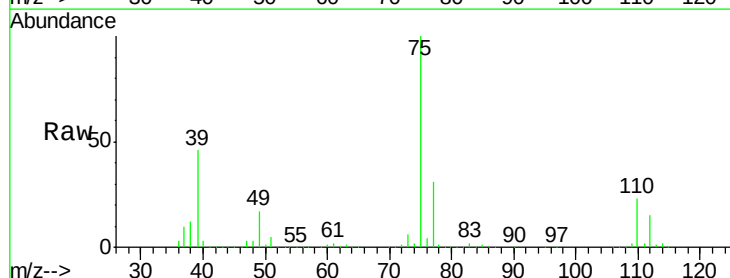
Acq: 12 Jul 2018 12:57

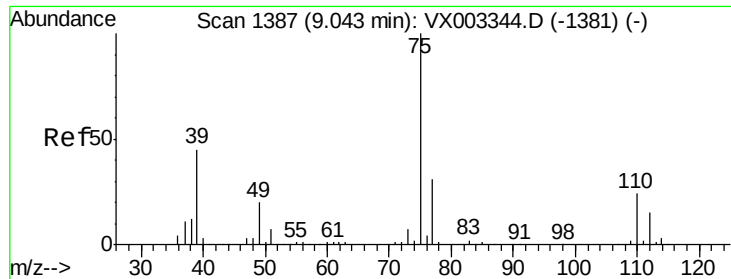
Tgt Ion: 75 Resp: 910362

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4





#49

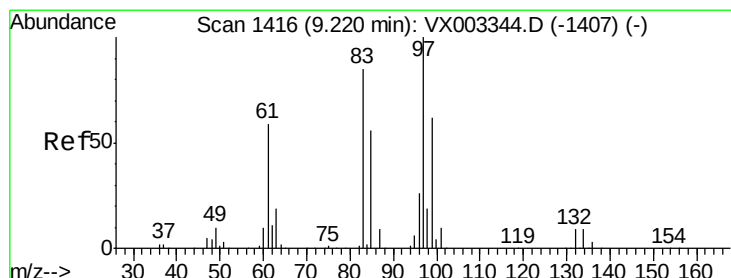
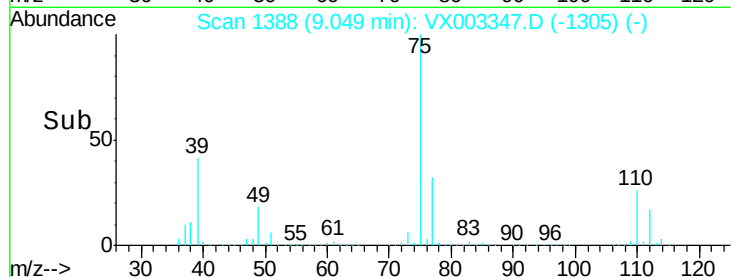
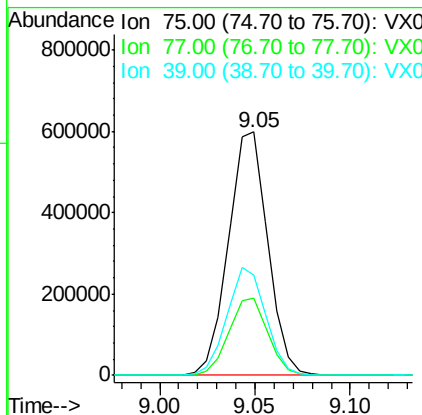
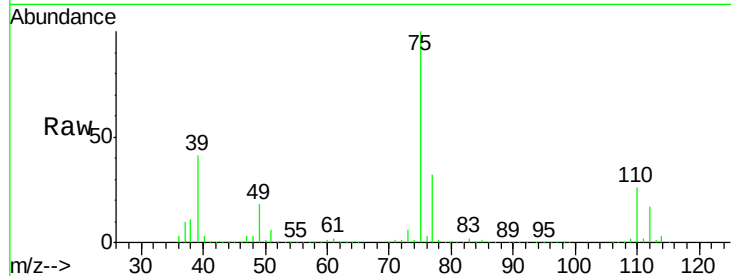
cis-1,3-Dichloropropene
Concen: 175.744 ug/l m
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
39	41.3	42.3	63.5#

Manual Integrations
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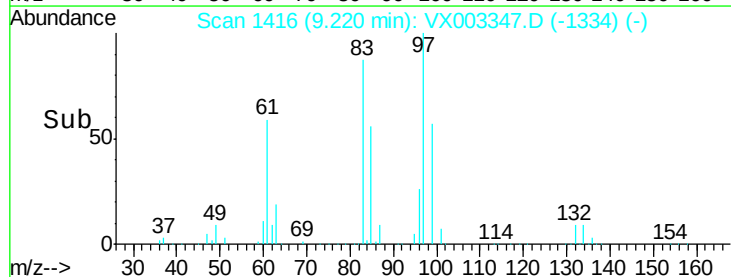
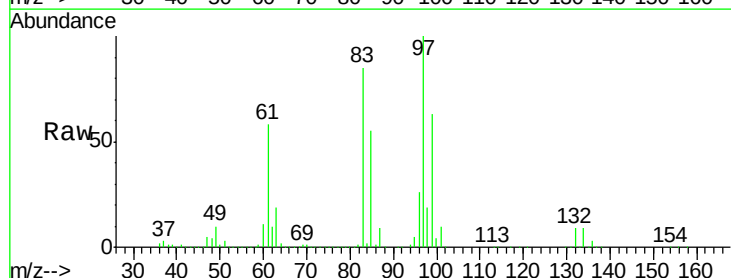
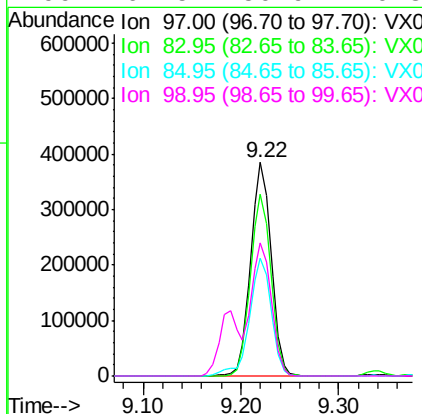
MMDadoda
7/13/2018 11:35:50 AM

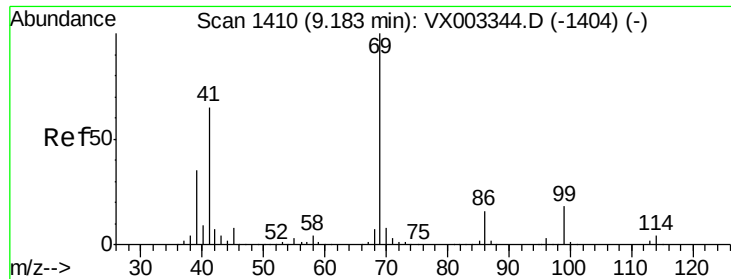


#50

1,1,2-Trichloroethane
Concen: 161.676 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.8	106.2
85	55.1	43.5	65.3
99	62.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 167.922 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

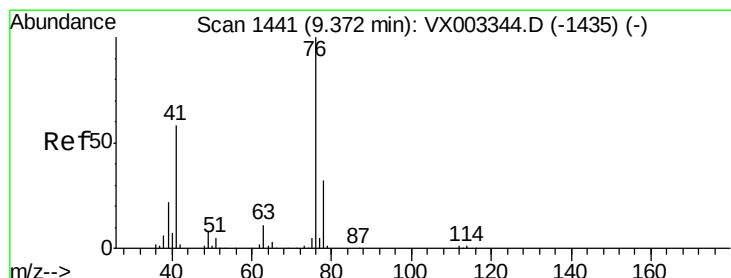
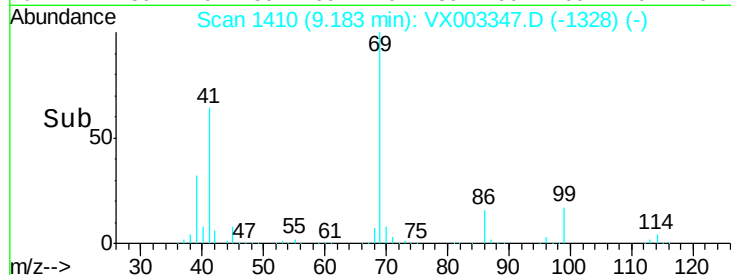
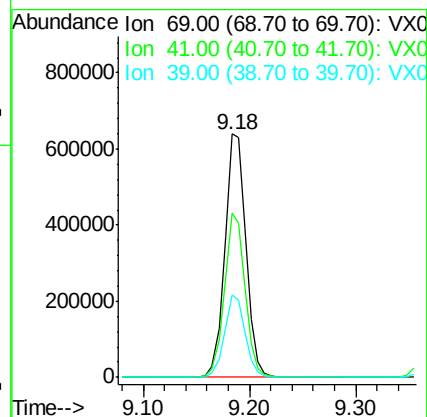
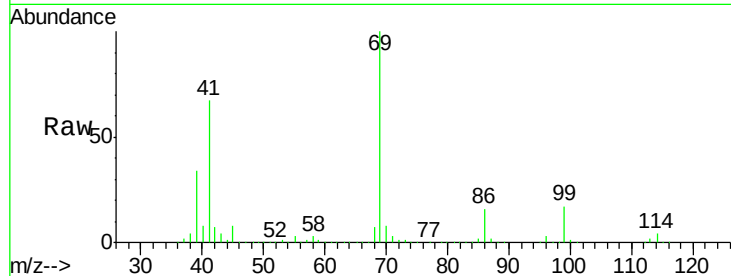
ClientSampled :

VSTDIC150

Tot Ion:	69	Resp:	883975
Ion	Ratio	Lower	Upper
69	100		
41	67.4	39.1	117.3
39	33.6	21.7	65.1

Manual Integrations
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MMDadoda
7/13/2018 11:35:50 AM



#52

1,3-Dichloropropane

Concen: 163.812 ug/l

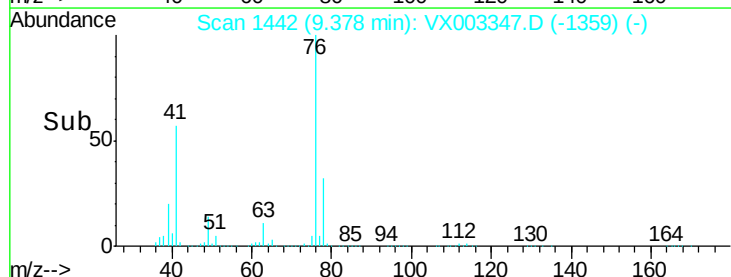
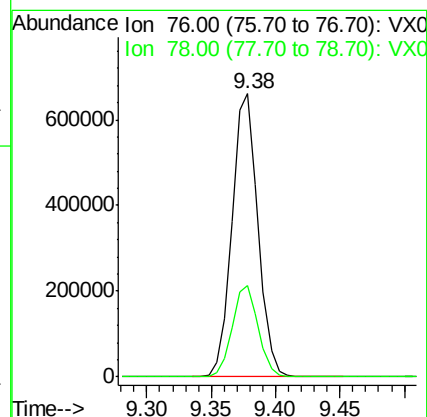
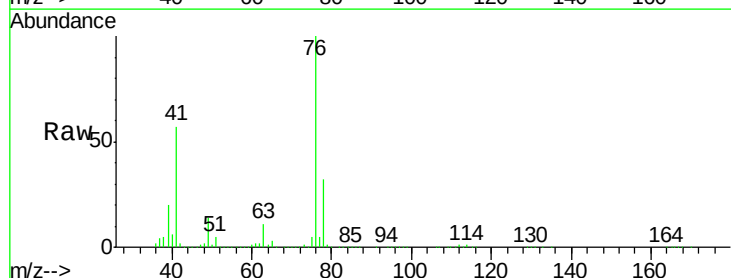
RT: 9.38 min Scan# 1442

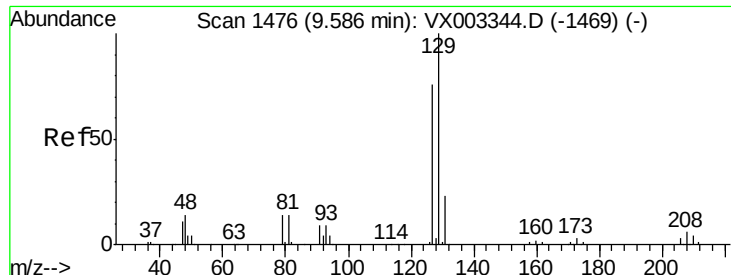
Delta R.T. 0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tgt Ion:	76	Resp:	933077
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	63.4





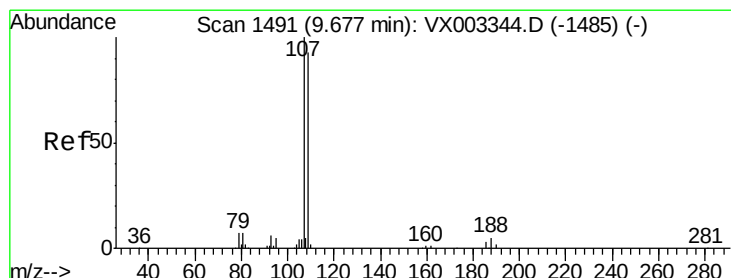
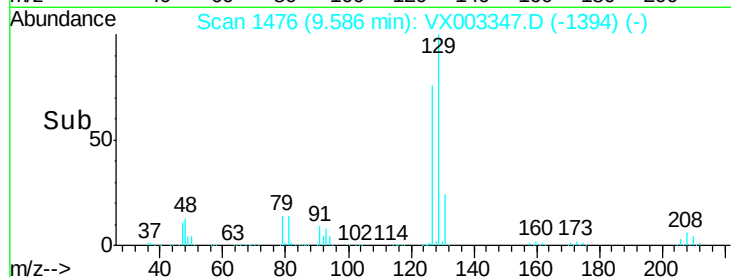
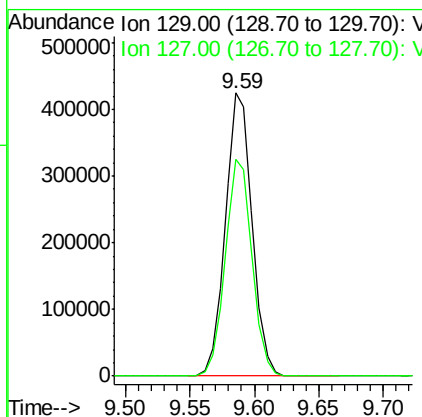
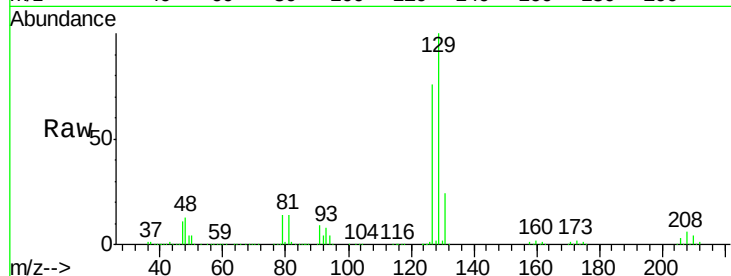
#53
 Dibromochloromethane
 Concen: 166.698 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		617134		
127	76.9	38.5	115.3		

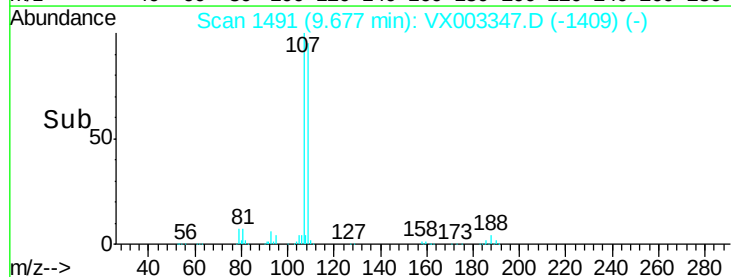
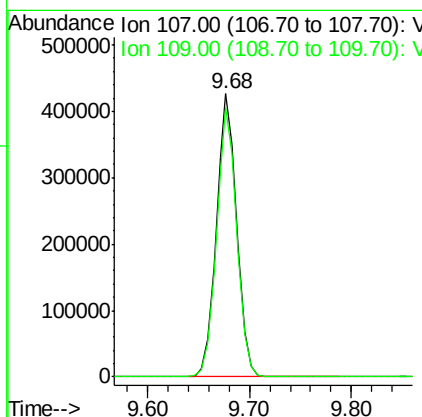
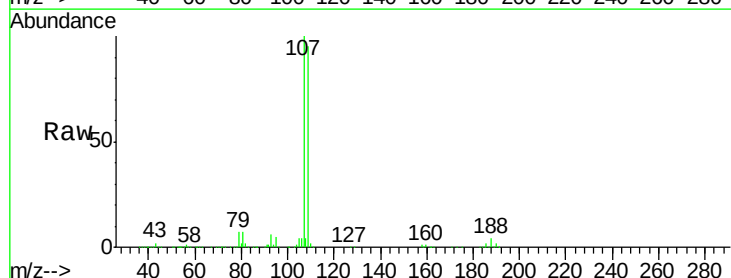
Manual Integrations
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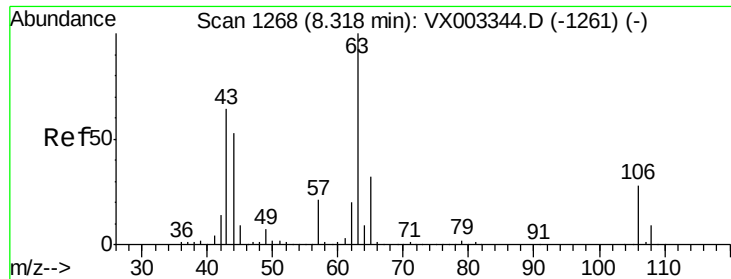
MMDadoda
 7/13/2018 11:35:50 AM



#54
 1,2-Dibromoethane
 Concen: 161.641 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		594035		
109	94.6	75.5	113.3		





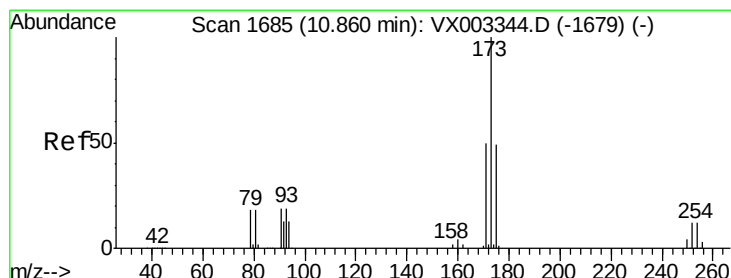
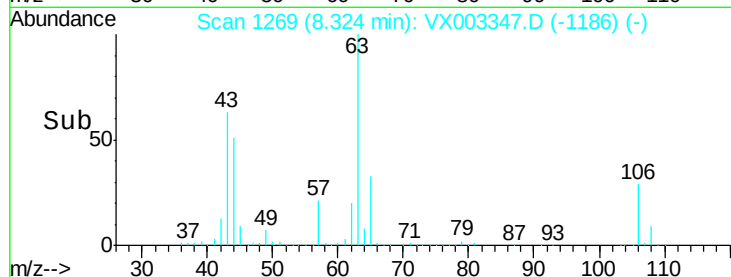
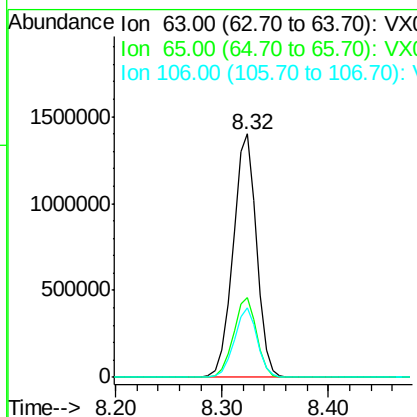
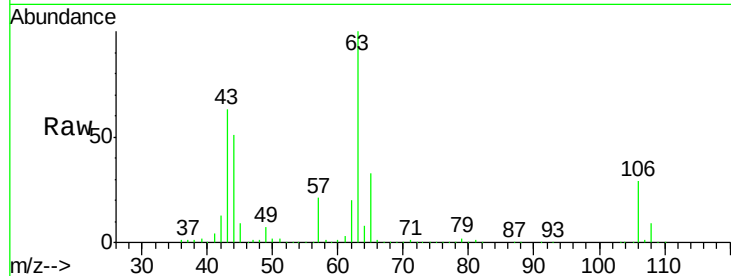
#55
2-Chloroethyl vinyl ether
Concen: 860.318 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 2151022
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4
106 28.0 21.6 32.4

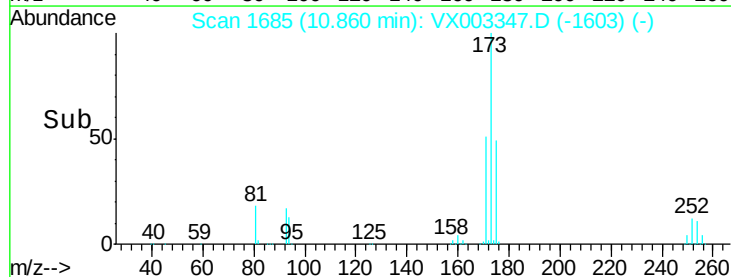
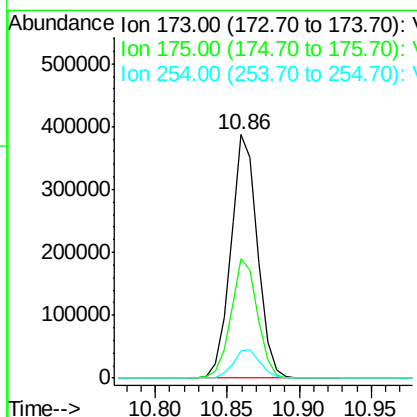
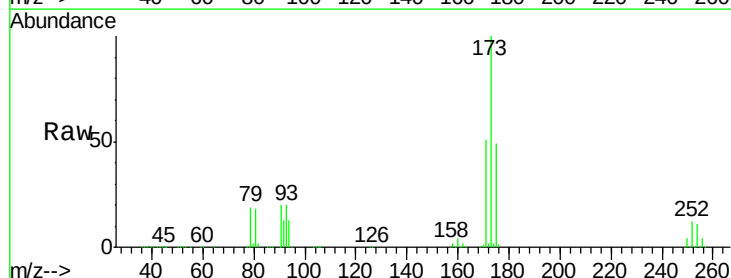
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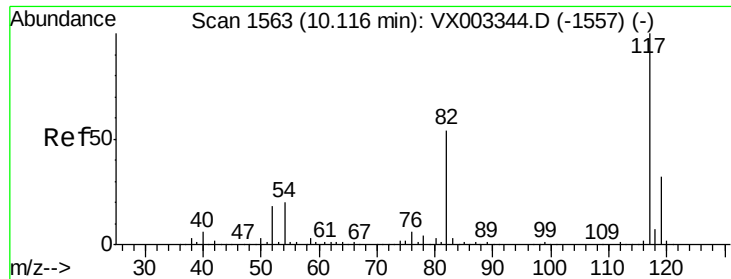
MMDadoda
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#56
Bromoform
Concen: 169.284 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion:173 Resp: 500313
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 12.0 9.6 14.4





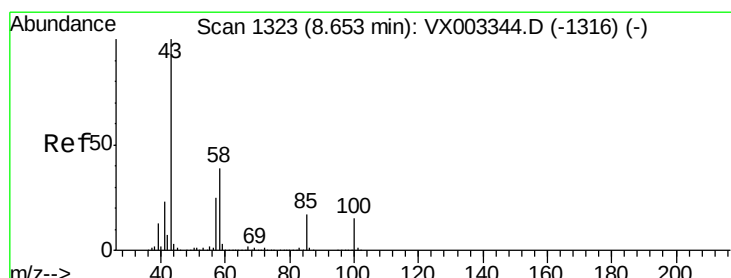
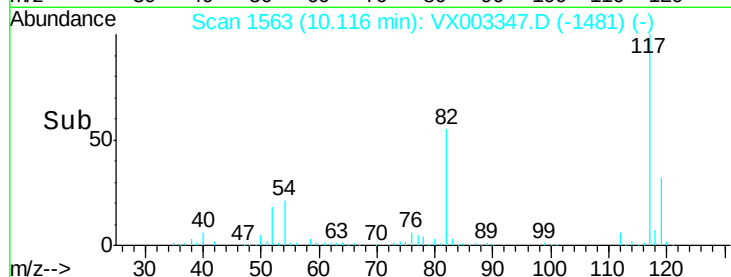
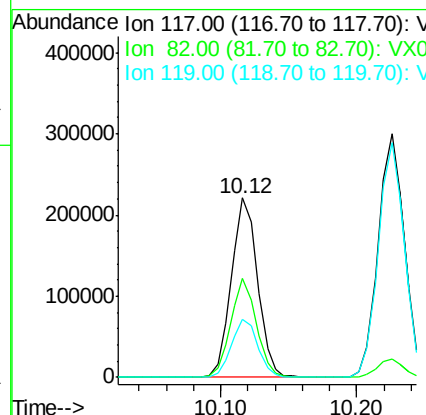
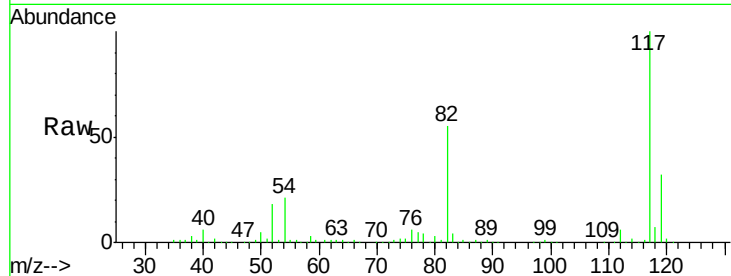
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.3	66.5
119	32.5	25.7	38.5

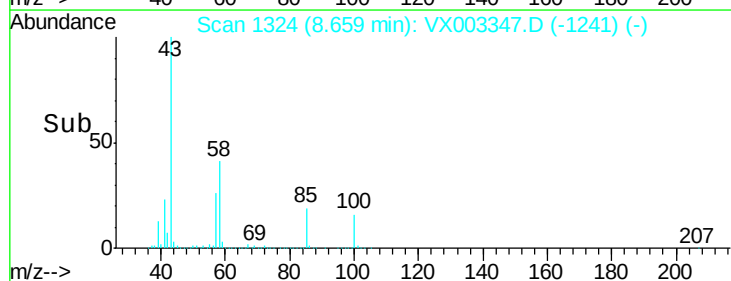
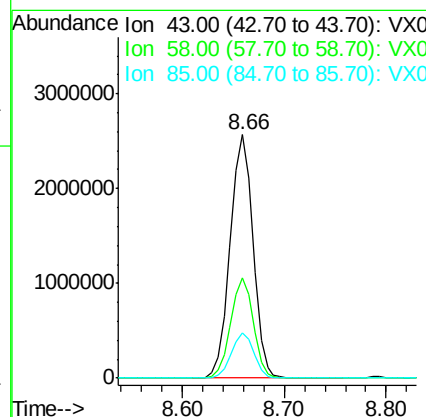
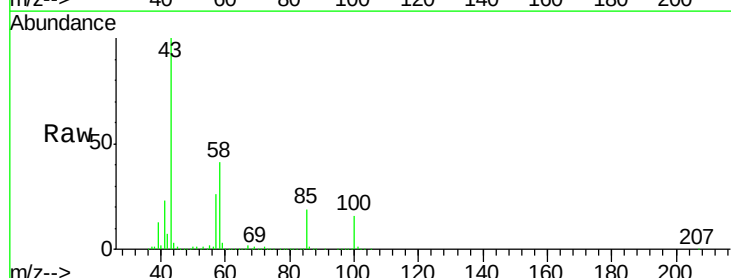
Manual Integrations
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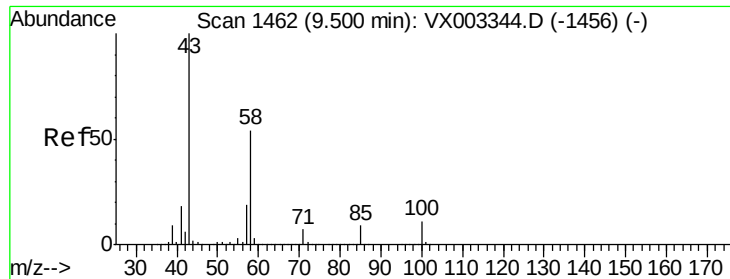
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 789.706 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.5	28.2	42.4
85	18.4	12.4	18.6





#59

2-Hexanone

Concen: 788.060 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tot Ion: 43 Resp: 3036729

Ion Ratio Lower Upper

43 100

58 56.5 39.6 59.4

57 19.5 14.1 21.1

Instrument :

MSVOA_X

ClientSampled :

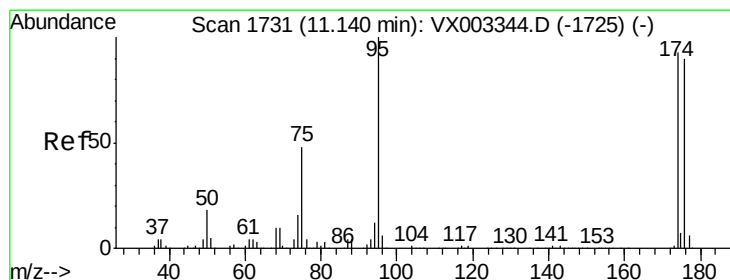
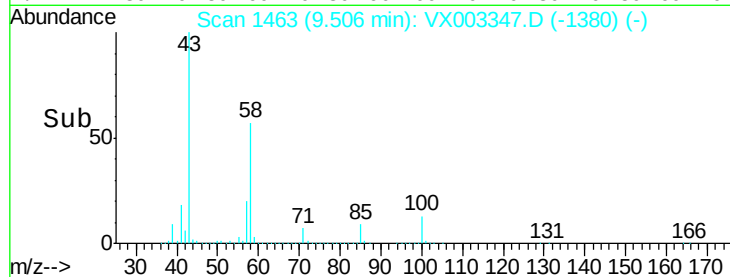
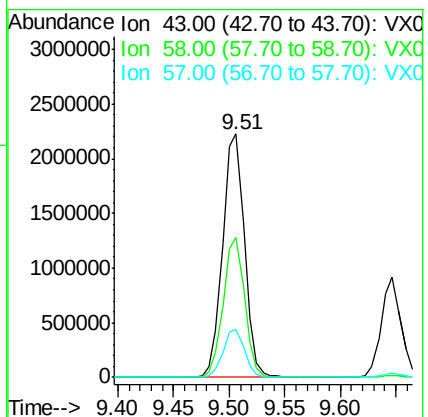
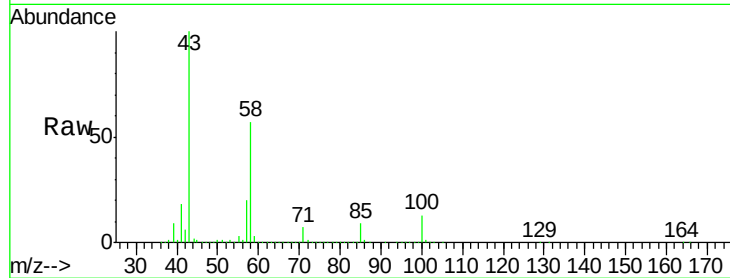
VSTDIC150

Manual Integrations

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7/13/2018 11:35:50 AM



#60

4-Bromofluorobenzene

Concen: 30.227 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

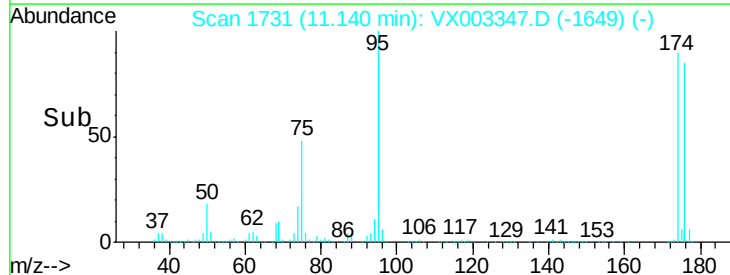
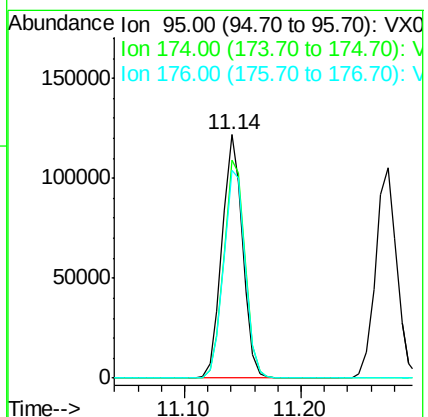
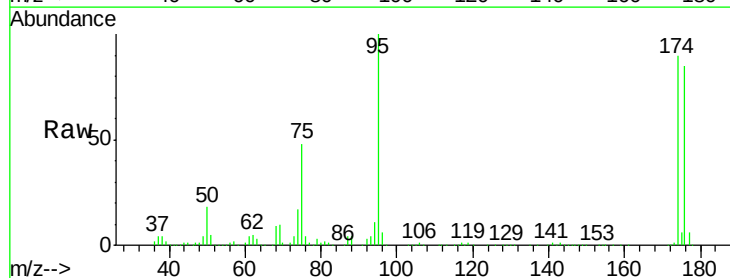
Tgt Ion: 95 Resp: 148217

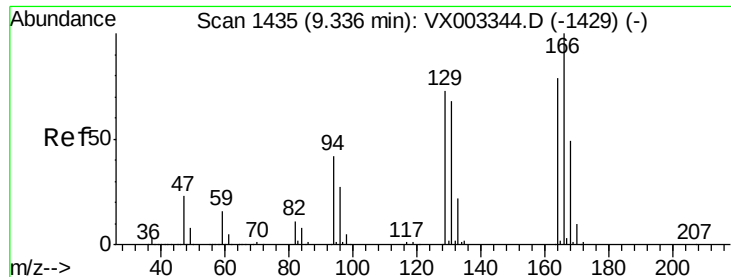
Ion Ratio Lower Upper

95 100

174 92.7 71.8 107.6

176 89.4 70.1 105.1





#61

Tetrachloroethene

Concen: 156.854 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 639121

Ion Ratio Lower Upper

164 100

166 129.6 102.4 153.6

129 87.6 70.1 105.1

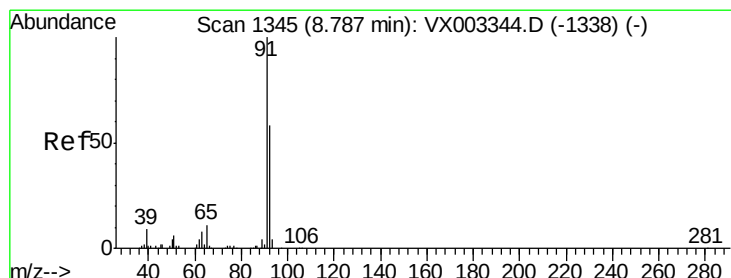
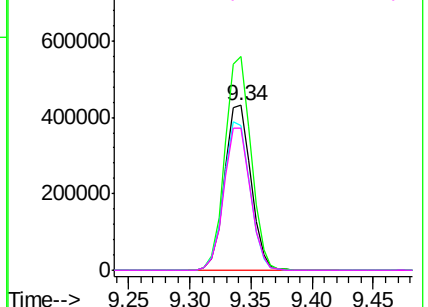
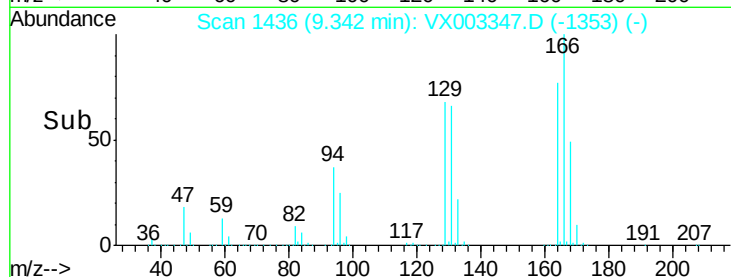
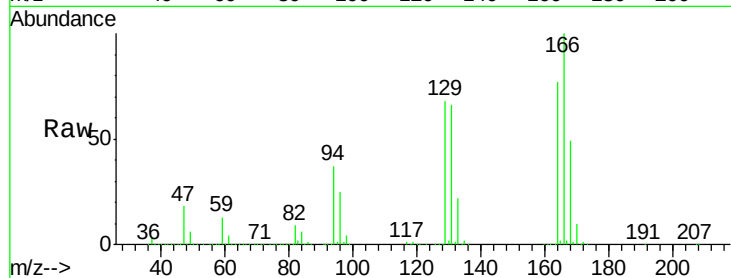
131 85.8 69.1 103.7

Manual Integrations

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#62

Toluene

Concen: 169.711 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003347.D

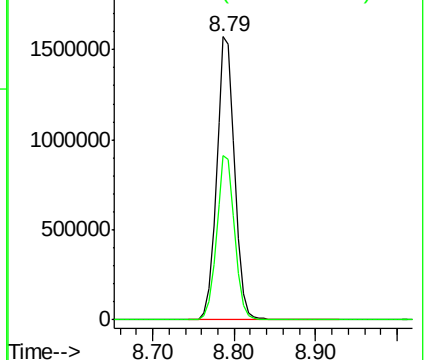
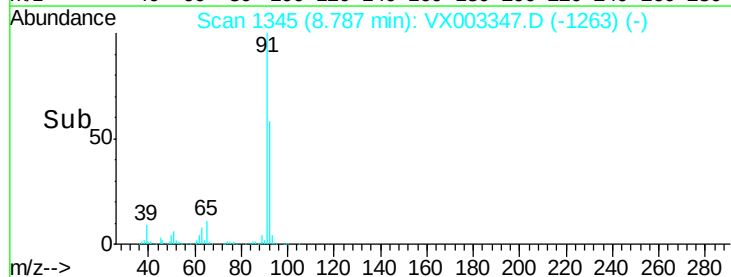
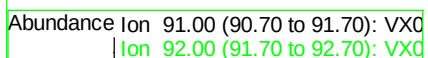
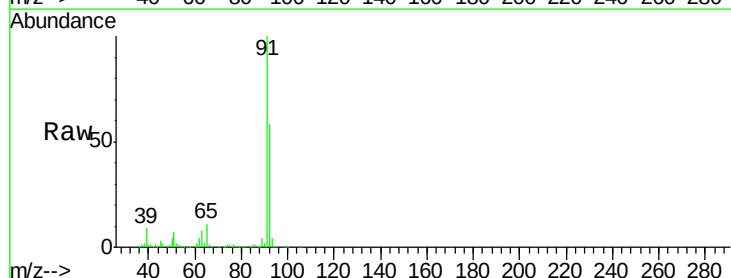
Acq: 12 Jul 2018 12:57

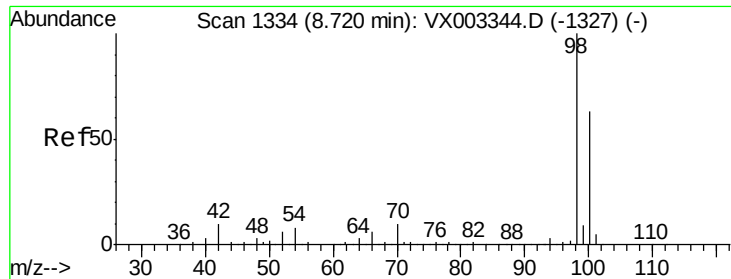
Tgt Ion: 91 Resp: 2428729

Ion Ratio Lower Upper

91 100

92 58.0 46.5 69.7





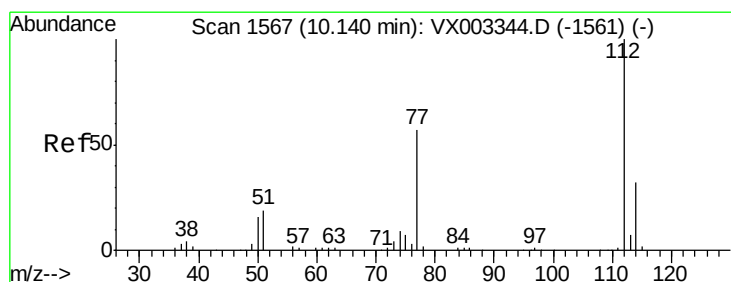
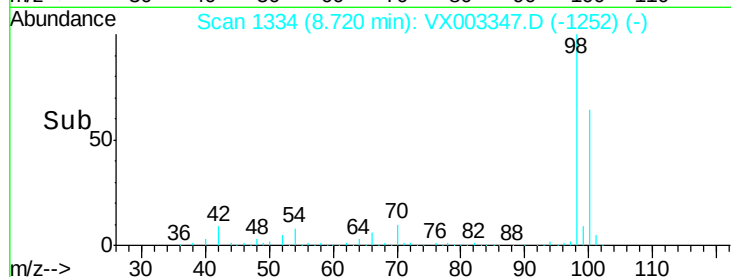
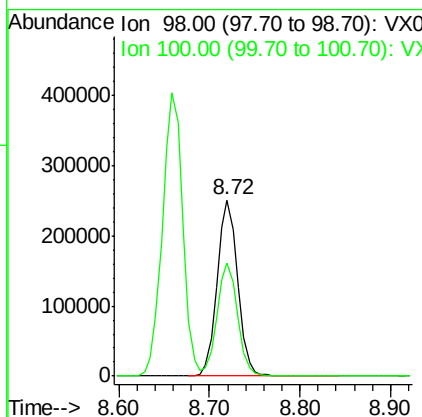
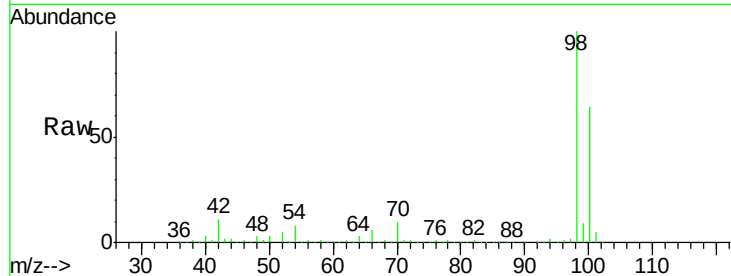
#63
Toluene-d8
Concen: 30.706 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 98 Resp: 398233
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2

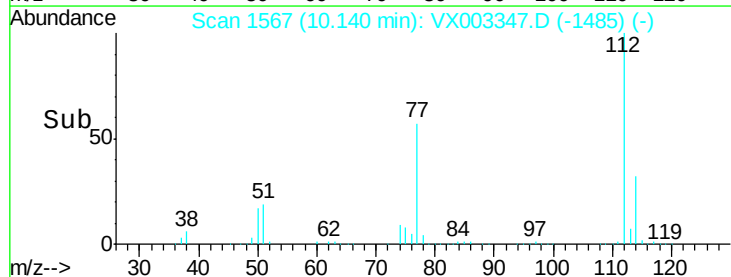
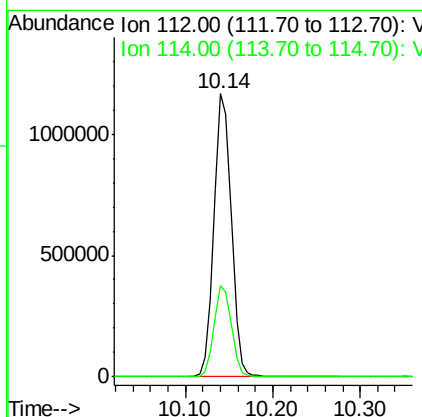
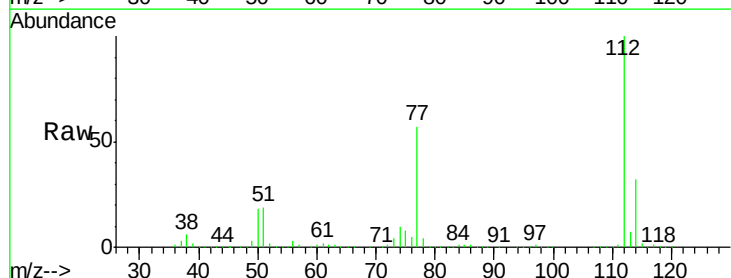
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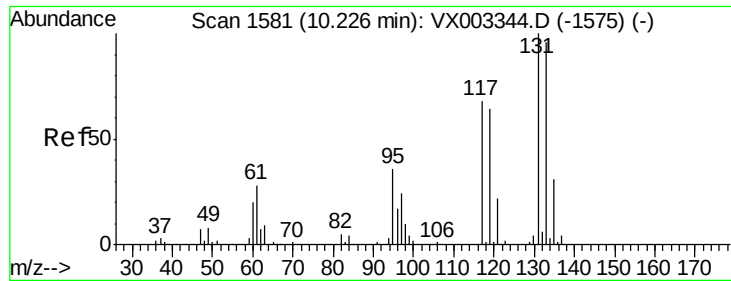
MMDadoda
7/13/2018 11:35:50 AM



#64
Chlorobenzene
Concen: 168.594 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion: 112 Resp: 1603041
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4





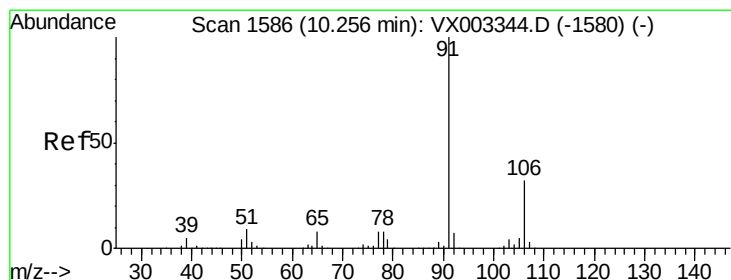
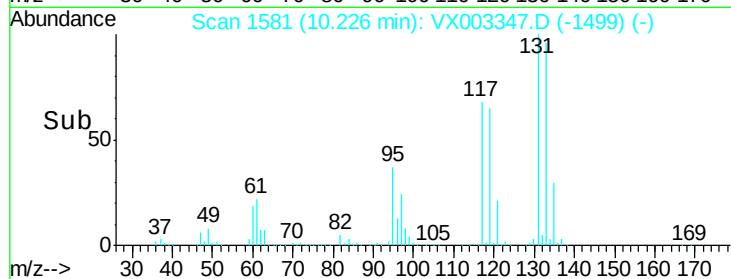
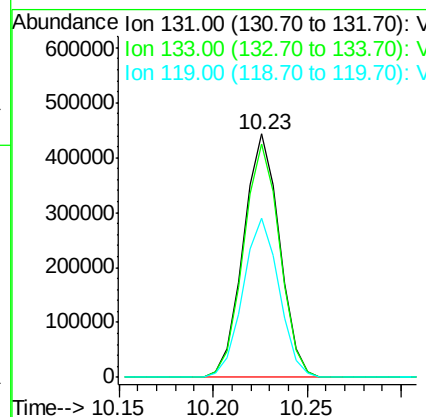
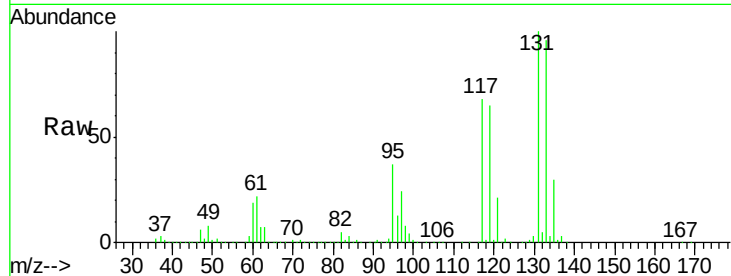
#65
 1,1,1,2-Tetrachloroethane
 Concen: 169.506 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	590763		
133	95.8	0.0	191.2	
119	65.1	0.0	125.4	

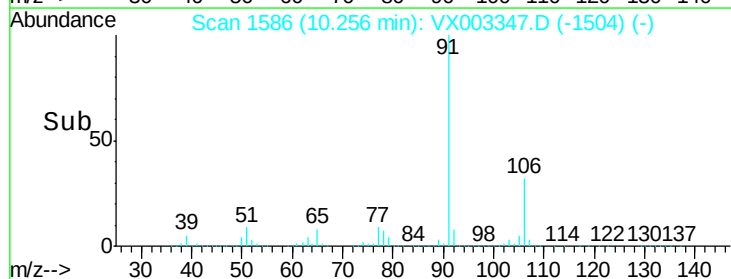
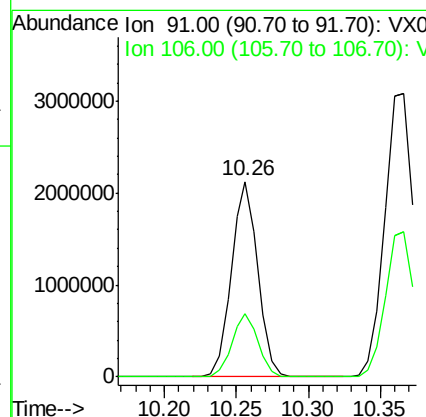
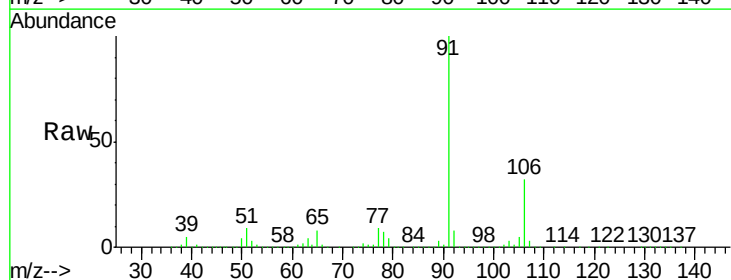
Manual Integrations
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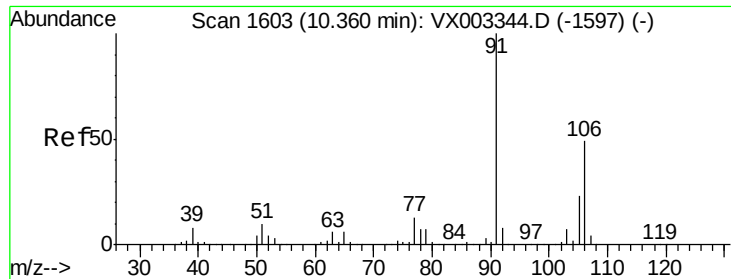
MMDadoda
 7/13/2018 11:35:50 AM



#66
 Ethyl Benzene
 Concen: 169.812 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2736917		
106	32.1	25.2	37.8	





#67

m/p-Xylenes

Concen: 342.818 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tot Ion:106 Resp: 2147193

Ion Ratio Lower Upper

106 100

91 198.1 164.1 246.1

Instrument :

MSVOA_X

ClientSampleId :

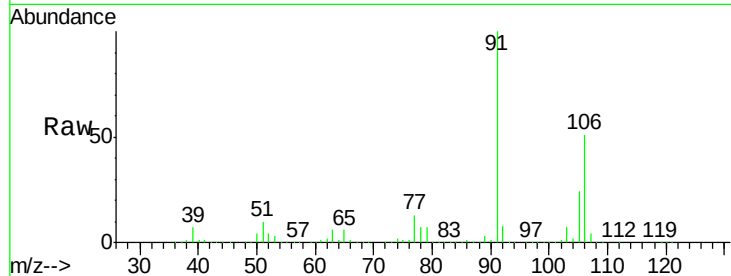
VSTDIC150

Manual Integrations

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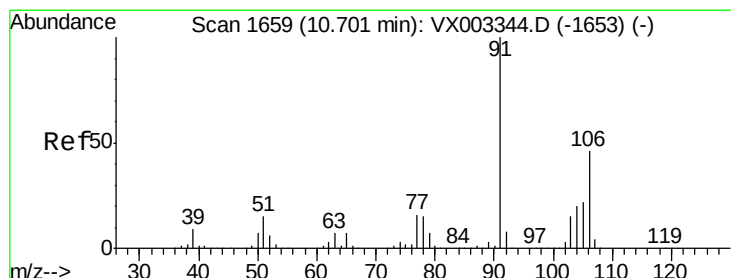
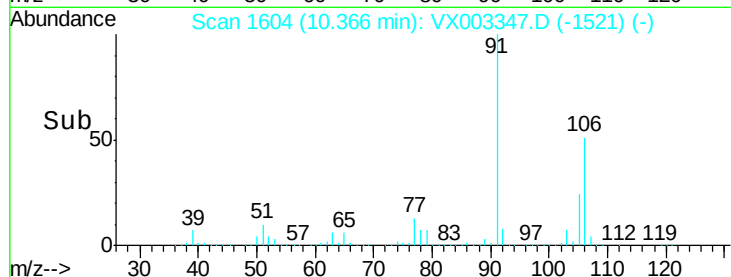
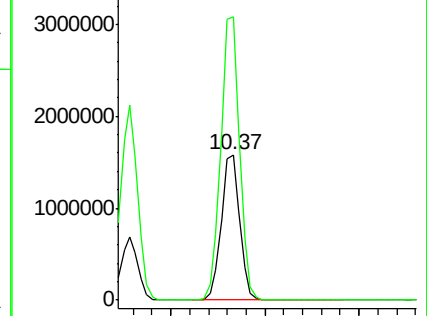
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 170.680 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX003347.D

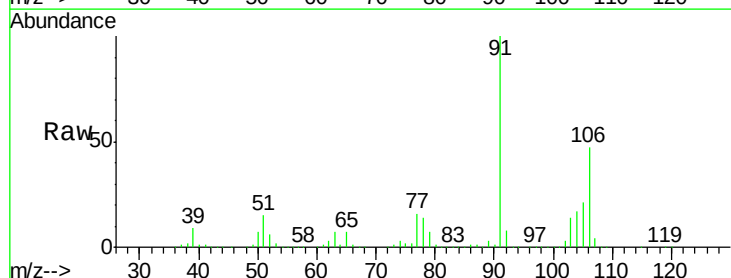
Acq: 12 Jul 2018 12:57

Tgt Ion:106 Resp: 1041529

Ion Ratio Lower Upper

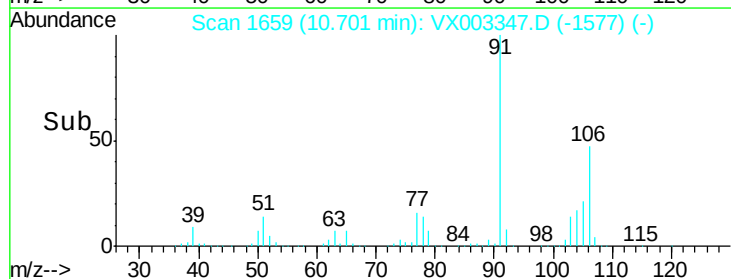
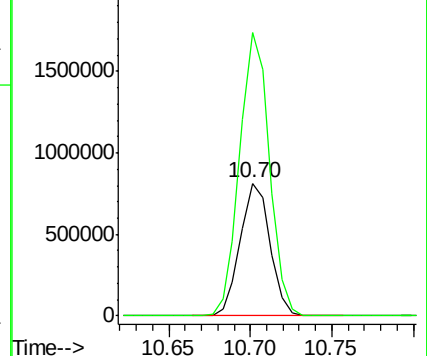
106 100

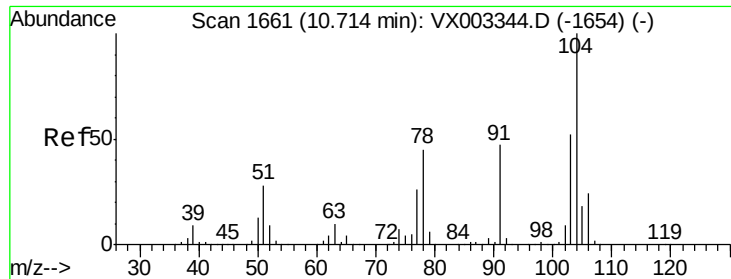
91 212.7 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





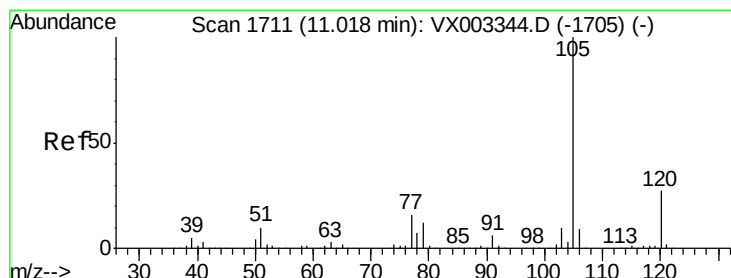
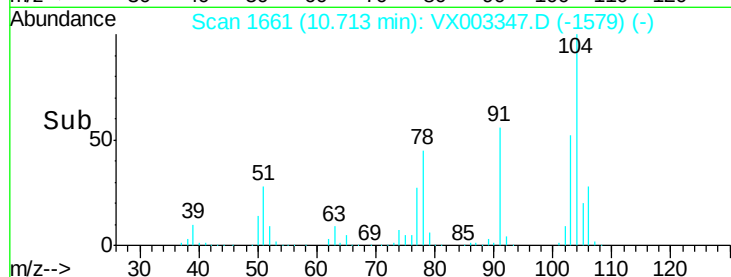
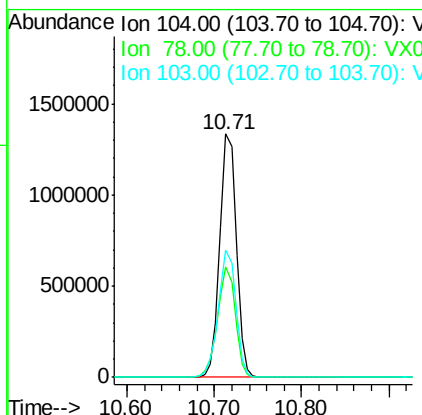
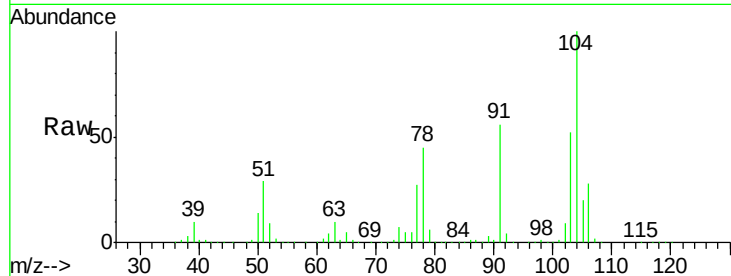
#69
Stvrene
Concen: 170.829 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:104 Resp: 1739138
Ion Ratio Lower Upper
104 100
78 48.6 41.8 62.8
103 55.7 44.9 67.3

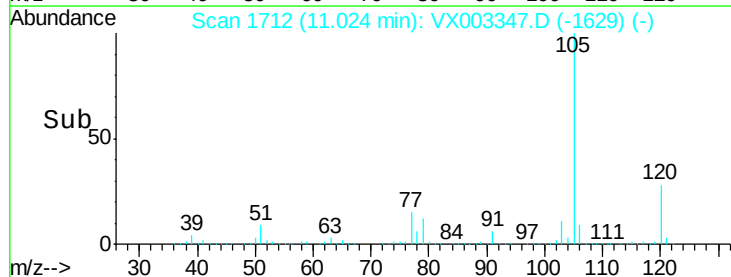
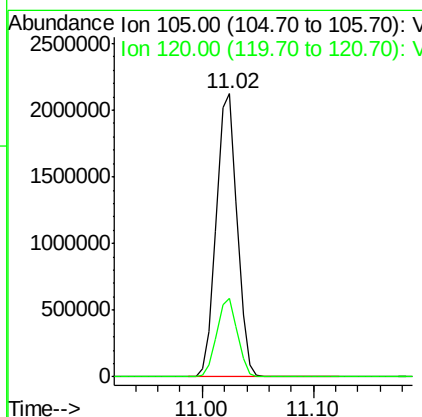
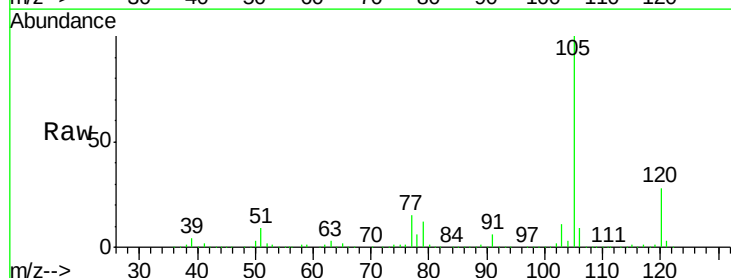
Manual Integrations
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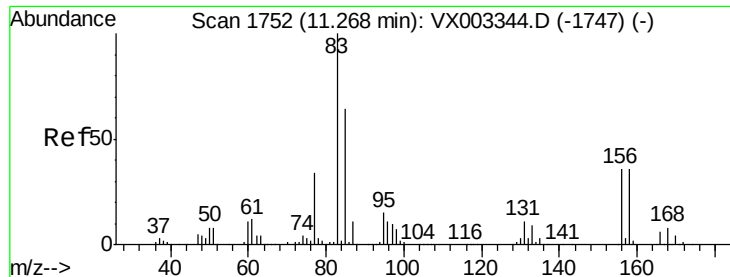
MMDadoda
7/13/2018 11:35:50 AM



#70
Isopropylbenzene
Concen: 164.014 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.01 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion:105 Resp: 2759792
Ion Ratio Lower Upper
105 100
120 27.5 19.0 35.2





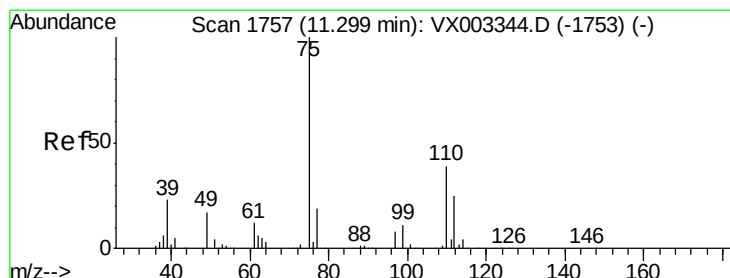
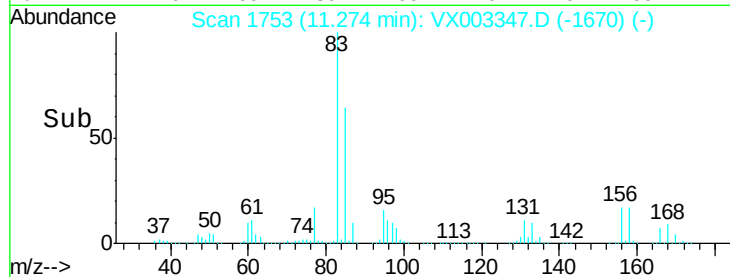
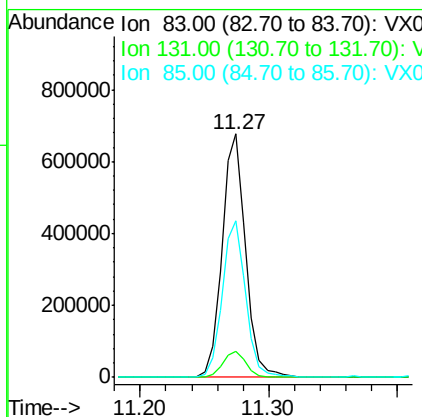
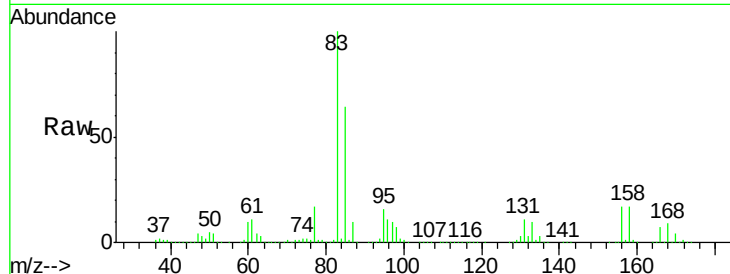
#71
 1,1,2,2-Tetrachloroethane
 Concen: 172.134 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.01 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	83	Resp	865854
Ion Ratio	100	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	64.6	32.4	97.2

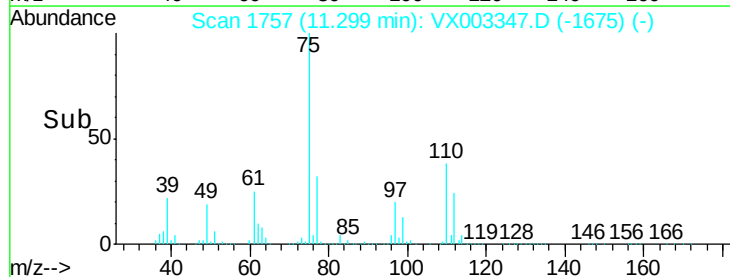
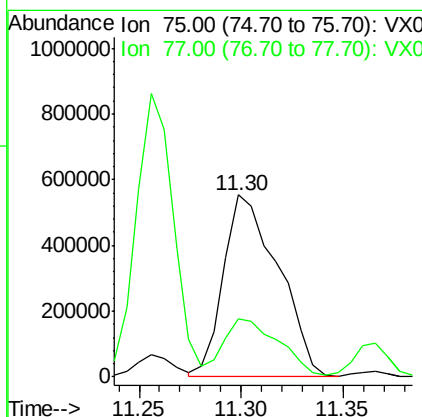
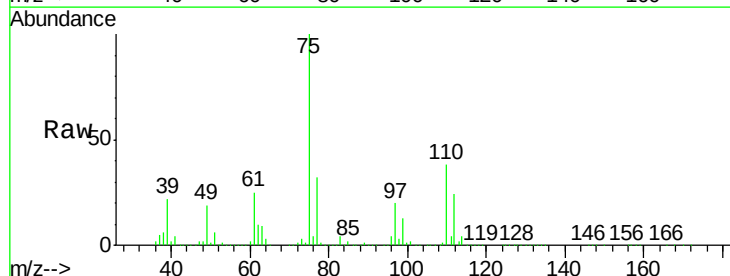
Manual Integrations
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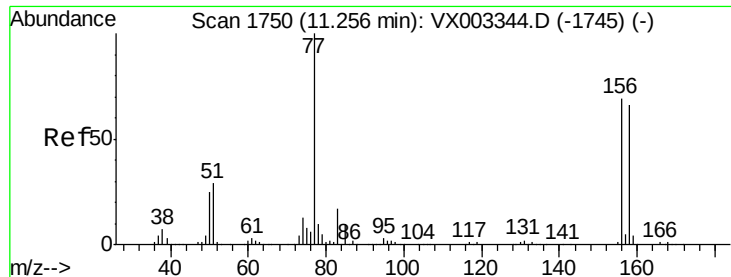
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#72
 1,2,3-Trichloropropane
 Concen: 237.833 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	75	Resp	1037067
Ion Ratio	100	Lower	Upper
75	100		
77	32.2	0.0	71.8





#73

Bromobenzene

Concen: 163.351 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

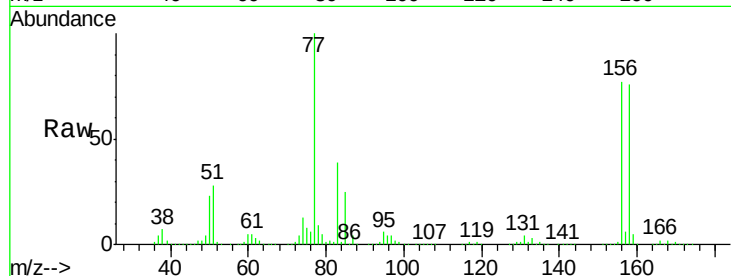
ClientSampleId :

VSTDIC150

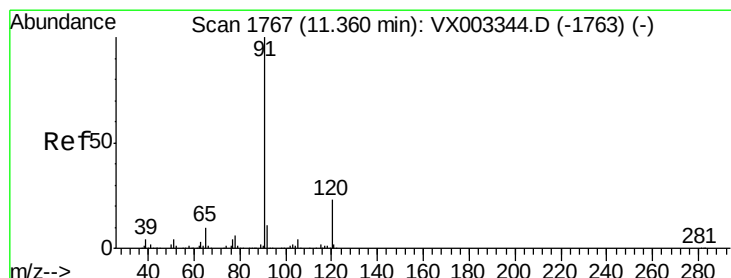
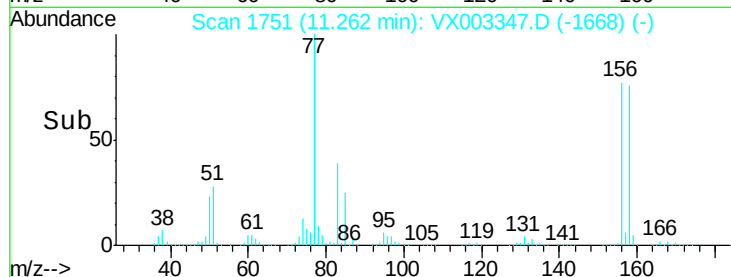
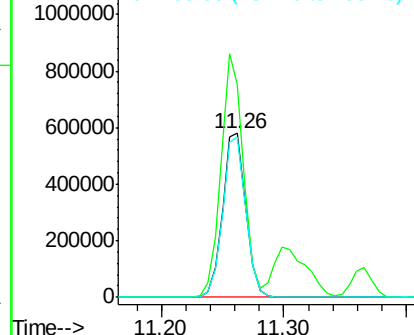
Tot Ion:	156	Resp:	764386
Ion Ratio	Lower	Upper	
156	100		
77	143.2	0.0	301.0
158	97.7	0.0	196.2

Manual Integrations
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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 164.385 ug/l

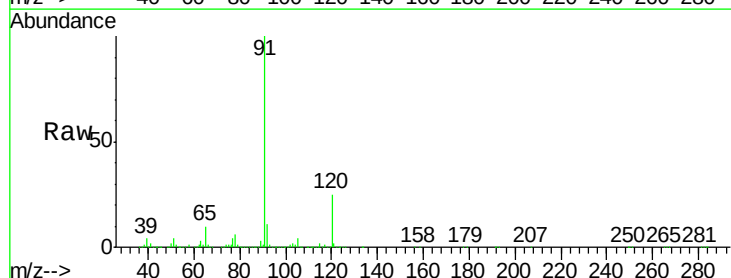
RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

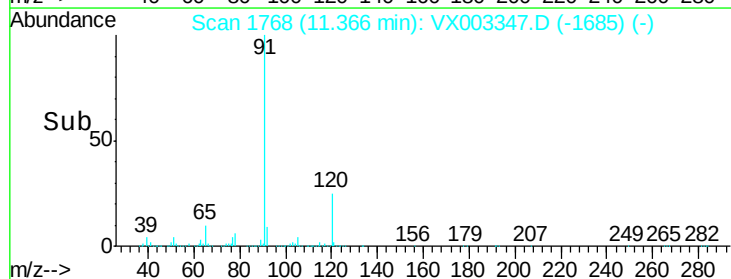
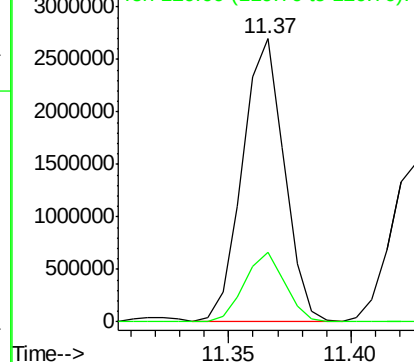
Lab File: VX003347.D

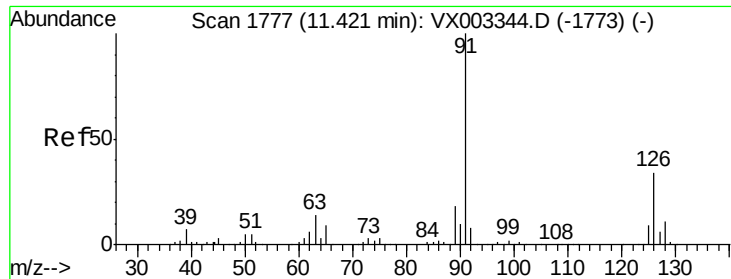
Acq: 12 Jul 2018 12:57

Tgt Ion:	91	Resp:	3210921
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 168.280 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1912908

Ion Ratio Lower Upper

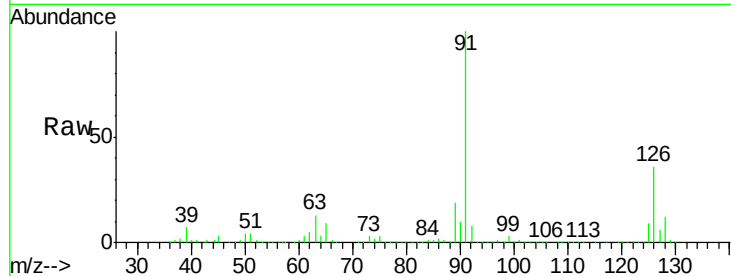
91 100

126 35.6 0.0 69.4

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX003347.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003347.D (-1773) (-)

3000000

2500000

2000000

1500000

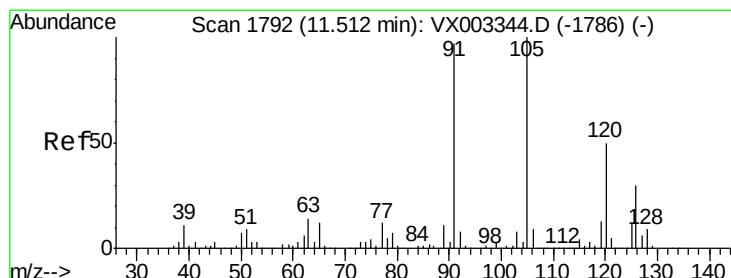
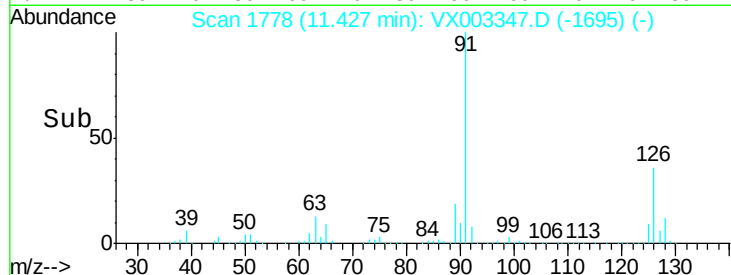
1000000

500000

0

11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 167.640 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003347.D

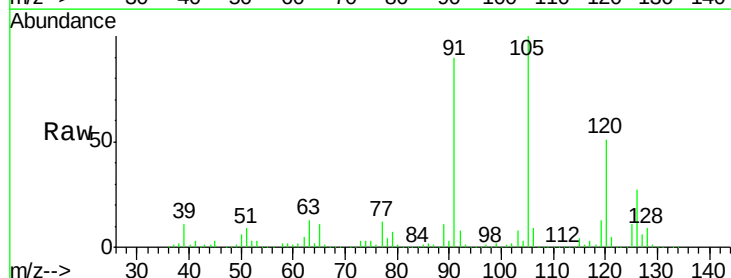
Acq: 12 Jul 2018 12:57

Tgt Ion: 105 Resp: 2395154

Ion Ratio Lower Upper

105 100

120 49.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003347.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003347.D (-1786) (-)

2000000

1500000

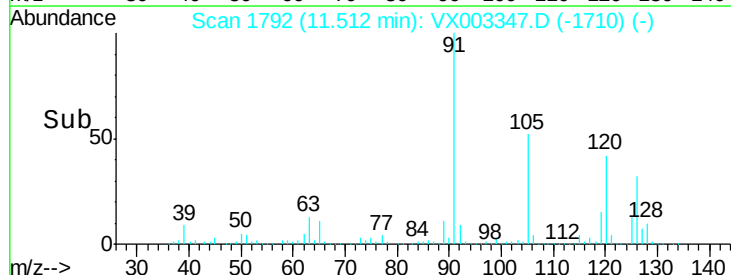
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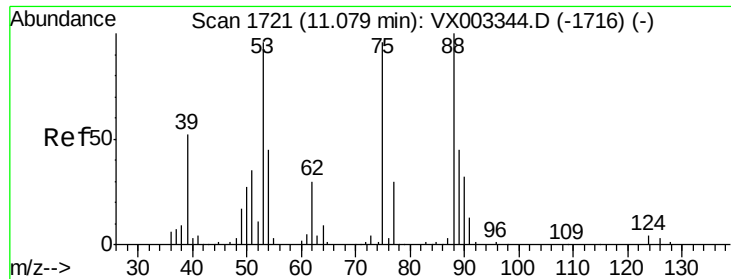
500000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 197.313 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

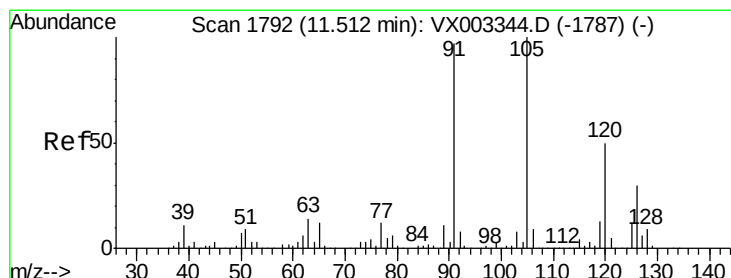
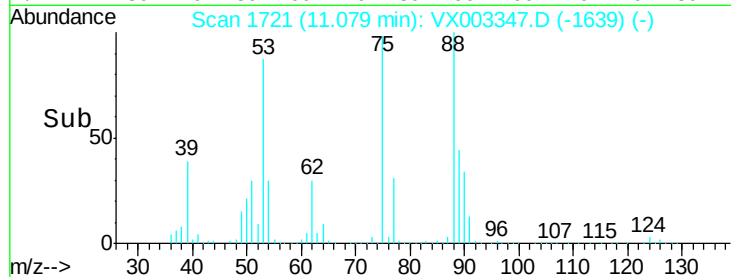
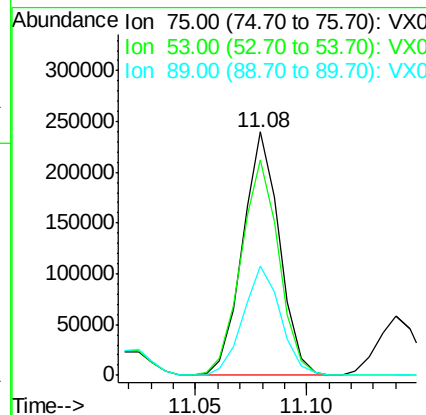
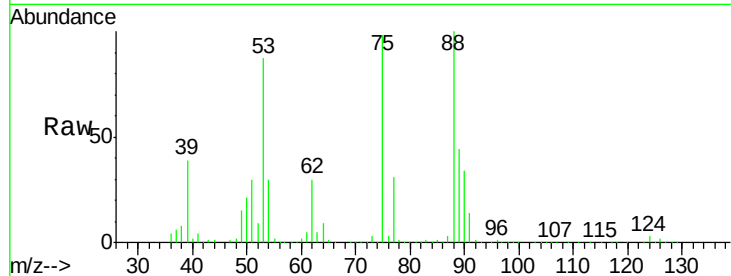
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	276719
Ion Ratio	Lower	Upper	
75	100		
53	88.5	48.3	144.9
89	44.8	21.8	65.4

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#78

4-Chlorotoluene

Concen: 168.784 ug/l

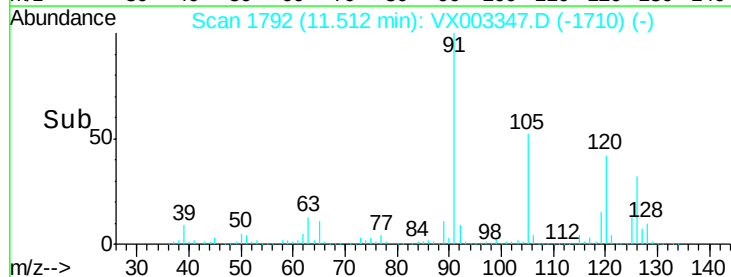
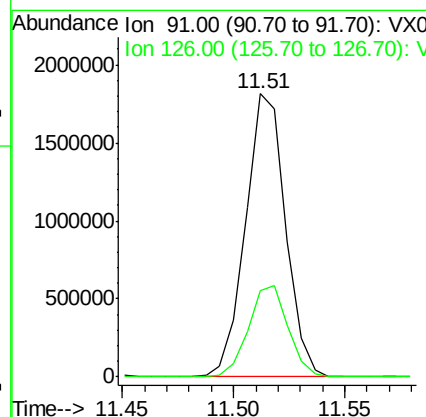
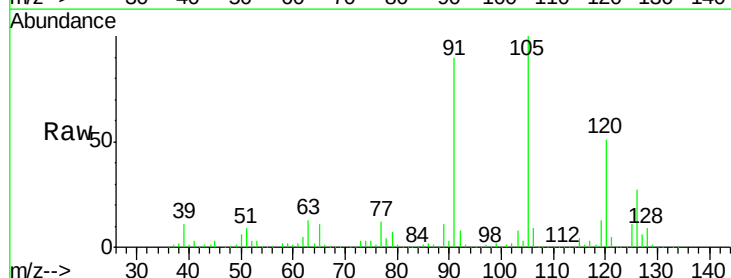
RT: 11.51 min Scan# 1792

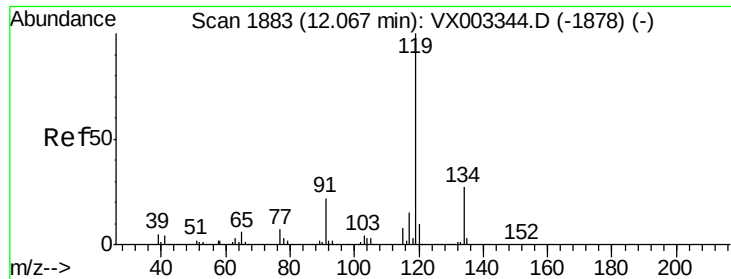
Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Tgt Ion:	91	Resp:	2272955
Ion Ratio	Lower	Upper	
91	100		
126	31.8	0.0	61.0





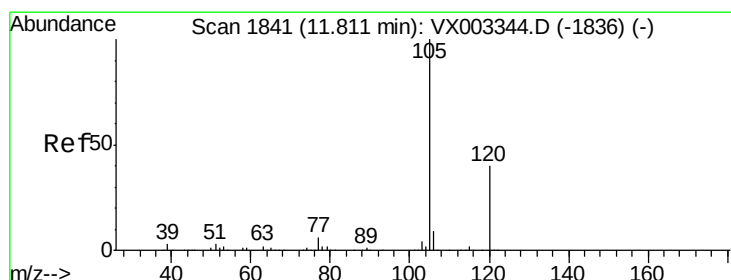
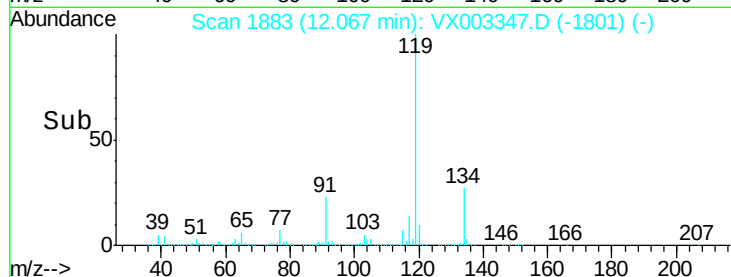
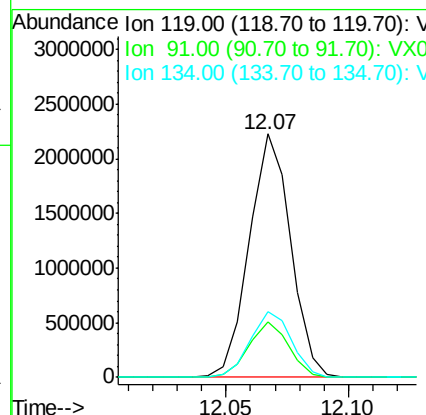
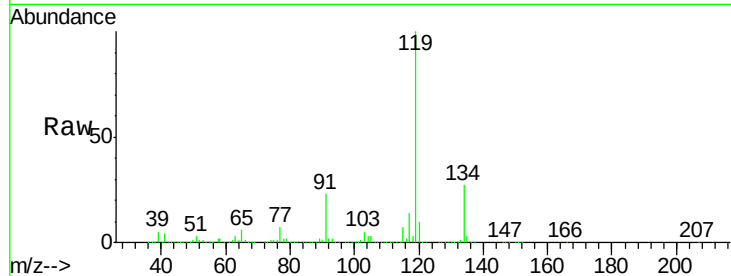
#79
tert-butylbenzene
Concen: 165.366 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 2605814
Ion Ratio Lower Upper
119 100
91 22.1 0.0 48.0
134 27.0 0.0 52.6

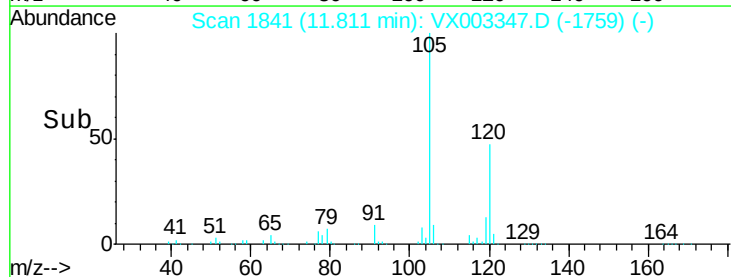
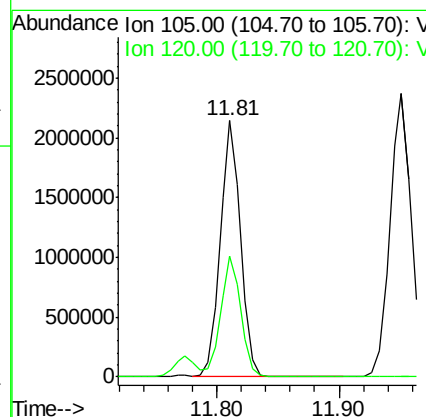
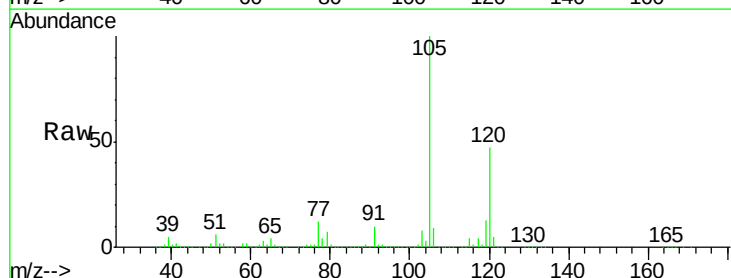
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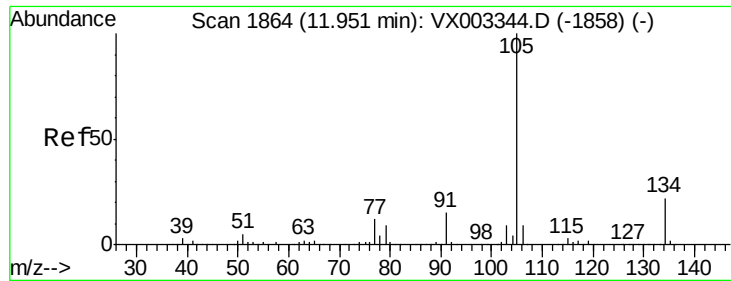
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 170.447 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003347.D
Acq: 12 Jul 2018 12:57

Tgt Ion:105 Resp: 2486708
Ion Ratio Lower Upper
105 100
120 46.7 0.0 89.2





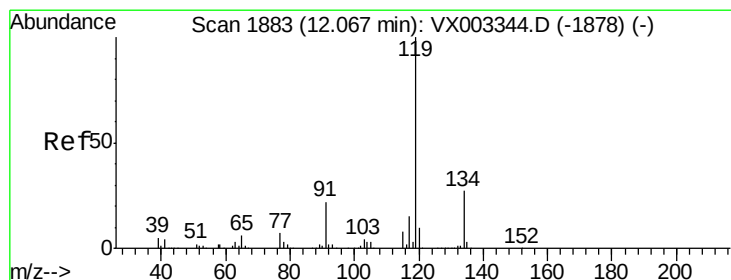
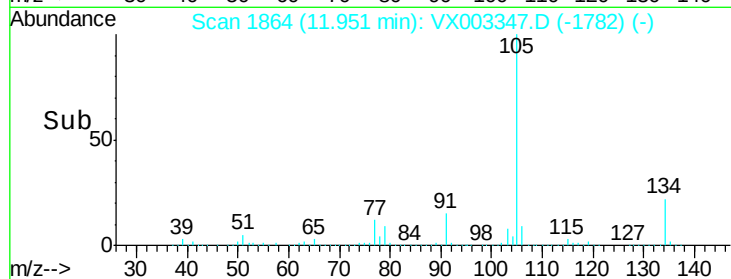
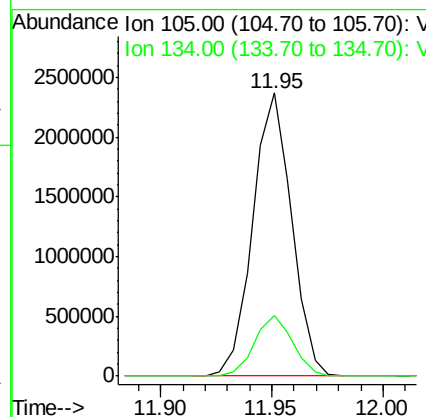
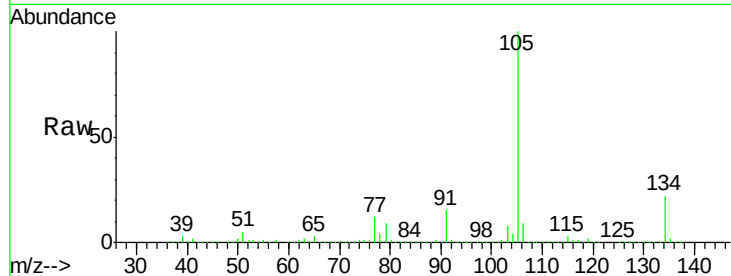
#81
 sec-Butylbenzene
 Concen: 164.713 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC150

Tot Ion:105 Resp: 2878767
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.6

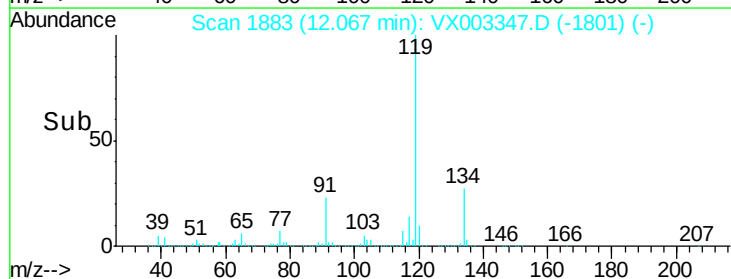
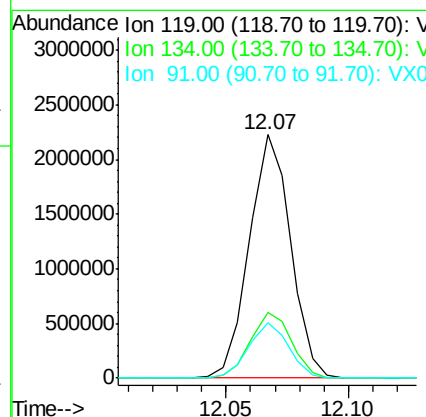
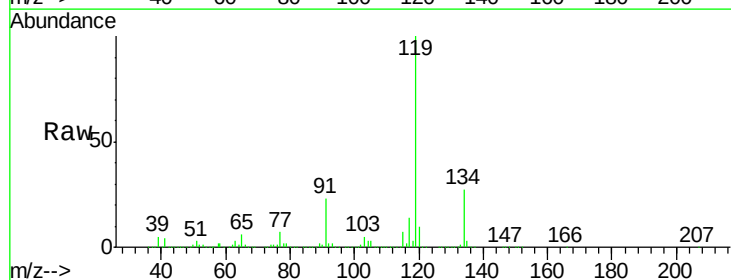
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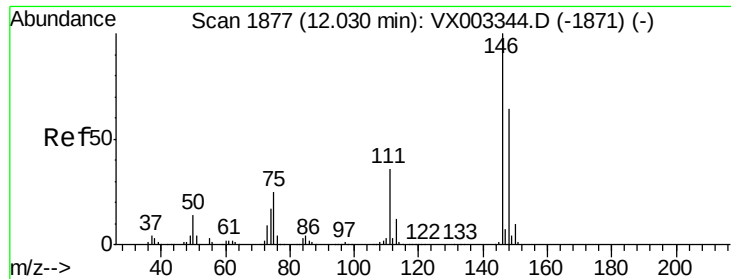
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 165.366 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion:119 Resp: 2605814
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 52.6
 91 22.1 0.0 48.0





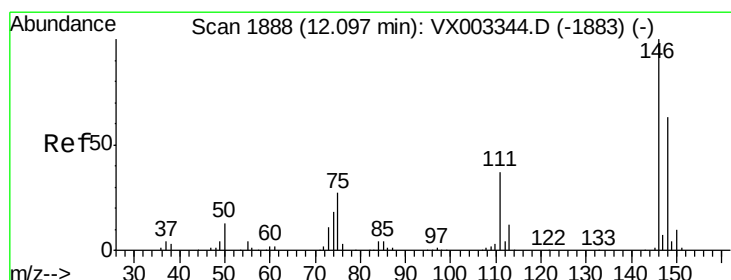
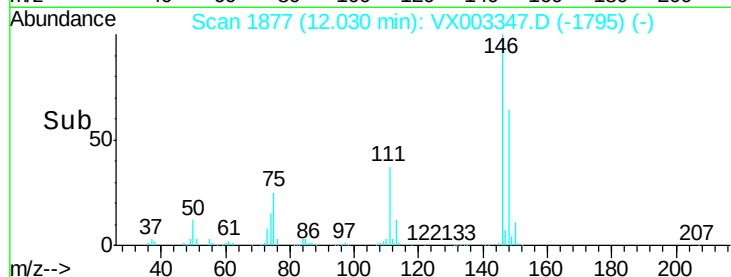
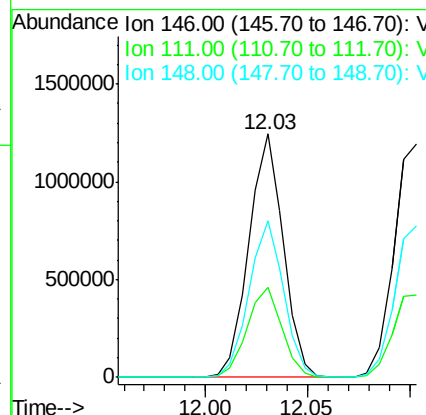
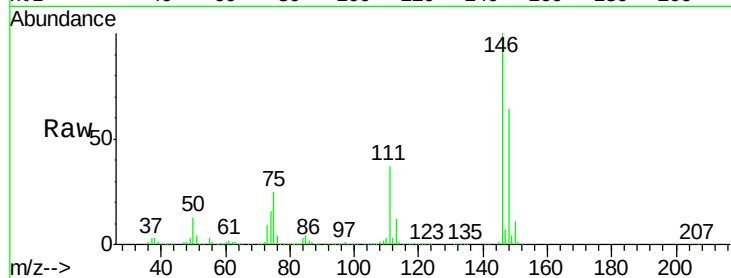
#83
 1,3-Dichlorobenzene
 Concen: 169.696 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.5
148	64.2	31.9	95.7

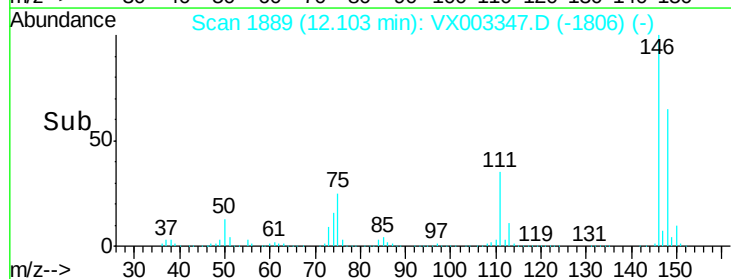
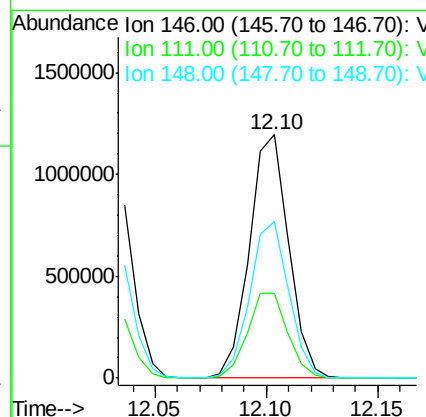
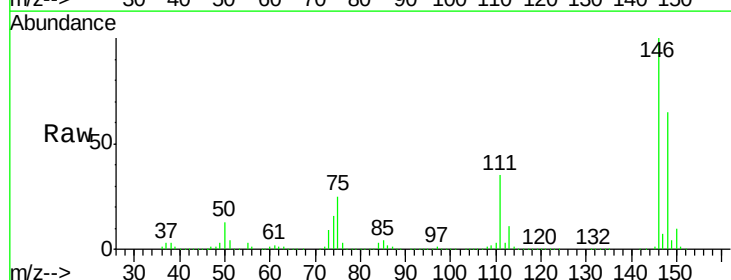
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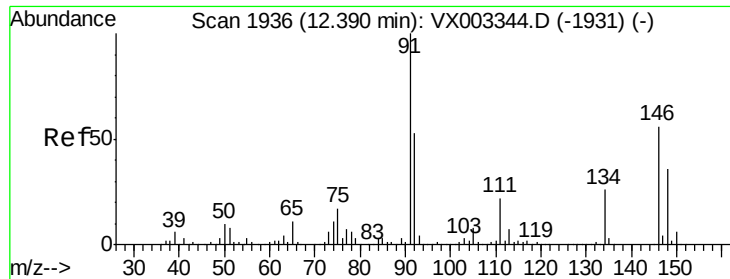
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#84
 1,4-Dichlorobenzene
 Concen: 169.103 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.5	55.5
148	64.3	32.0	96.0





#85

n-Butylbenzene

Concen: 165.124 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2306434

Ion Ratio Lower Upper

91 100

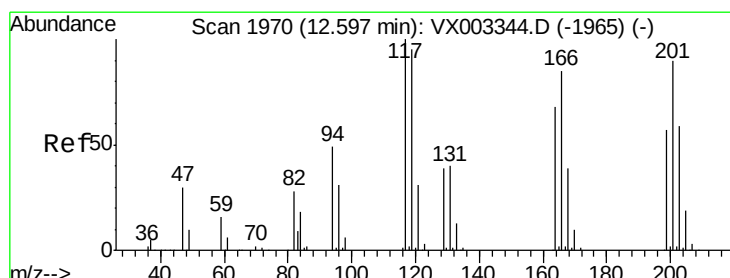
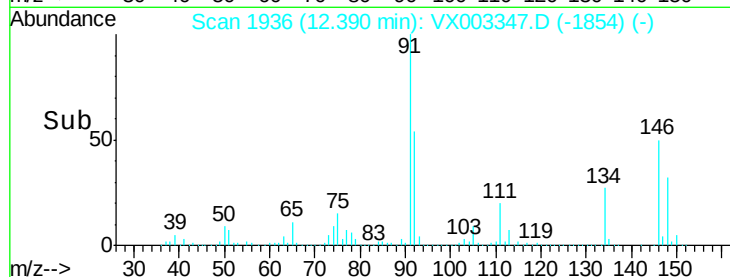
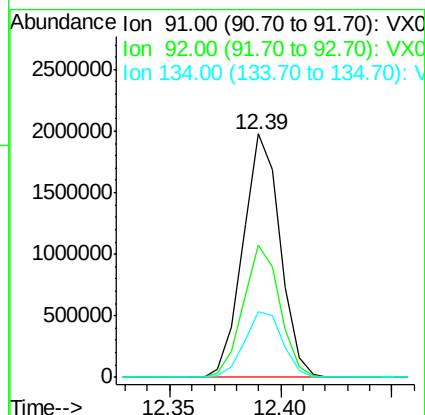
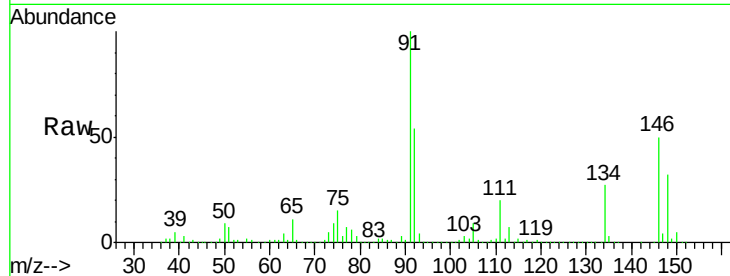
92 53.6 0.0 105.2

134 27.8 0.0 53.2

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#86

Hexachloroethane

Concen: 177.127 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003347.D

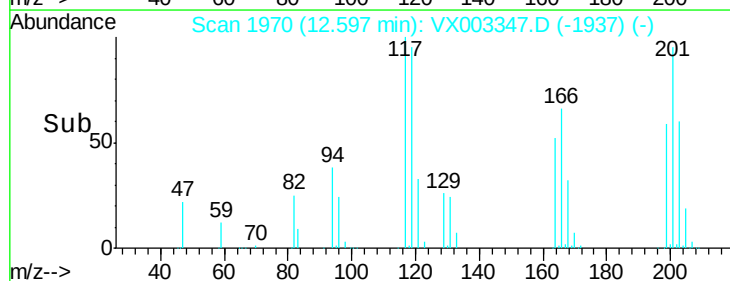
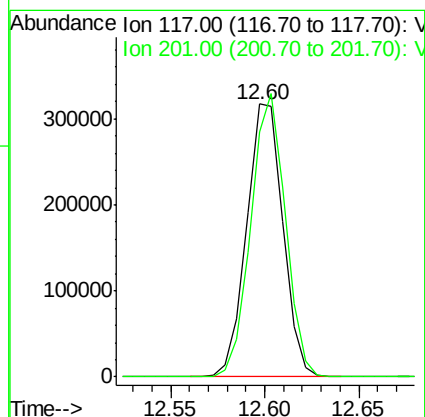
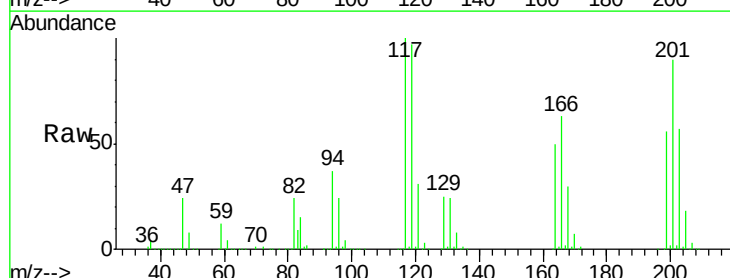
Acq: 12 Jul 2018 12:57

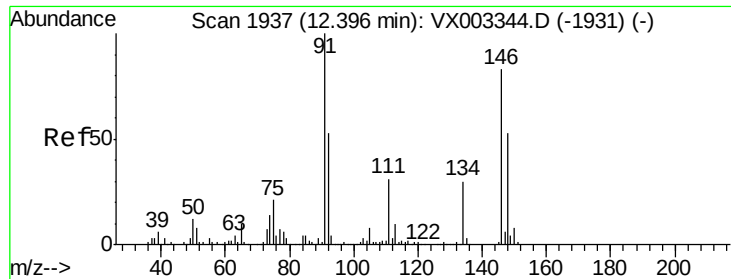
Tgt Ion: 117 Resp: 423065

Ion Ratio Lower Upper

117 100

201 98.5 47.6 142.8





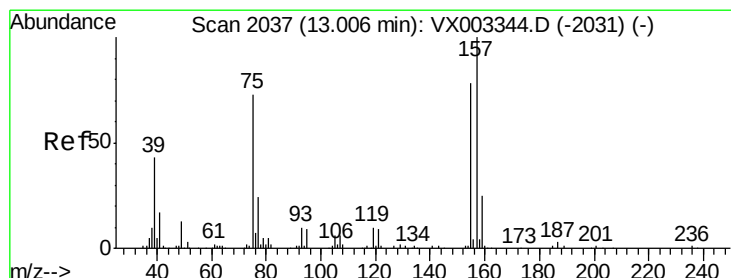
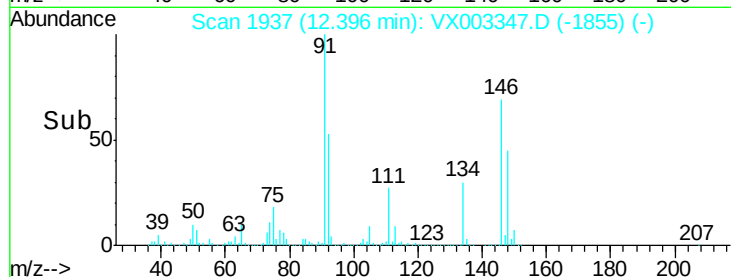
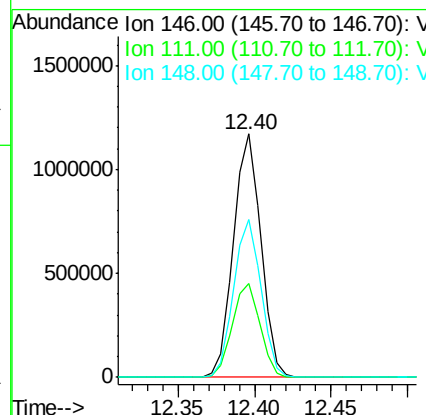
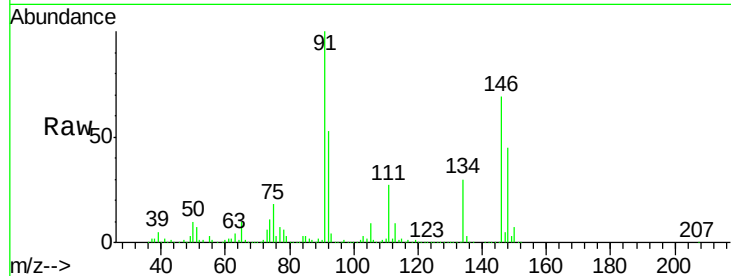
#87
 1,2-Dichlorobenzene
 Concen: 167.287 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1454757
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 59.9
 148 64.7 32.8 98.3

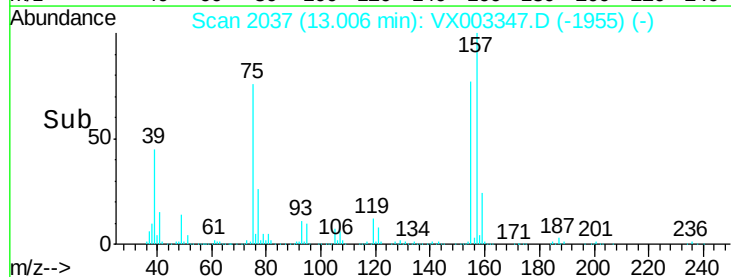
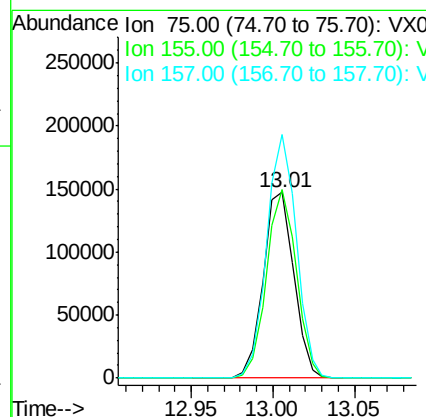
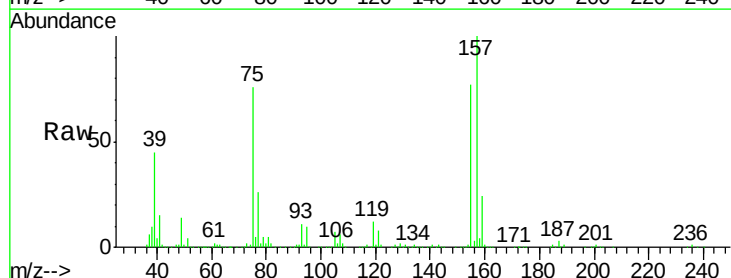
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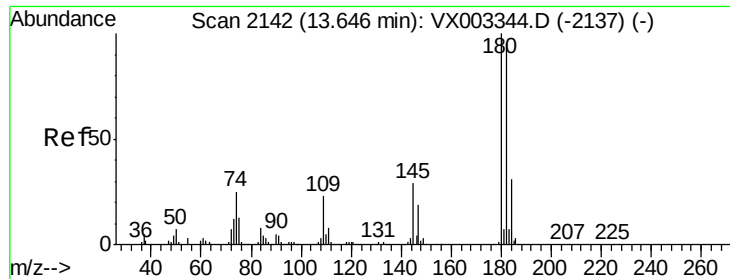
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 171.224 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion: 75 Resp: 192400
 Ion Ratio Lower Upper
 75 100
 155 98.1 73.1 109.7
 157 126.4 93.1 139.7





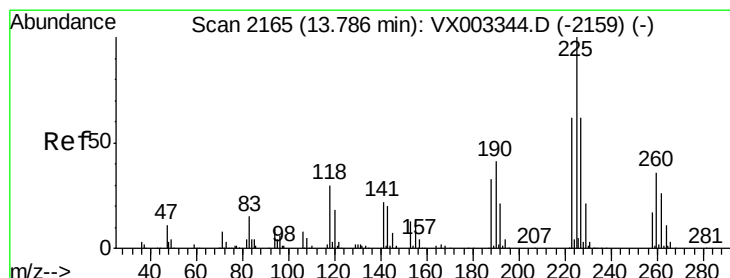
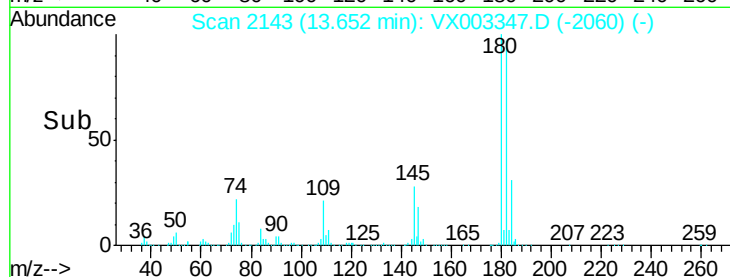
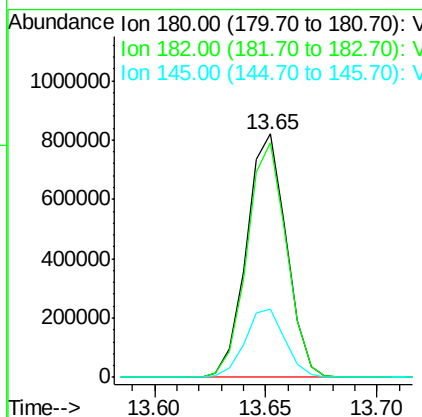
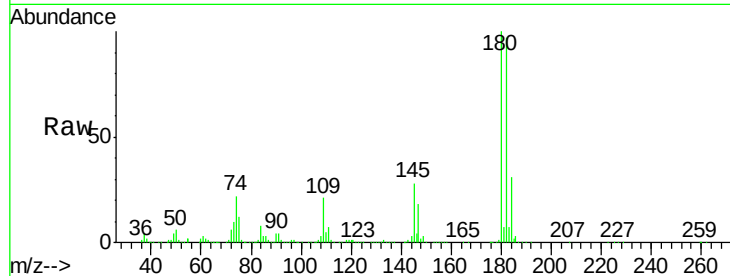
#89
 1,2,4-Trichlorobenzene
 Concen: 155.582 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	28.2	22.9	34.3

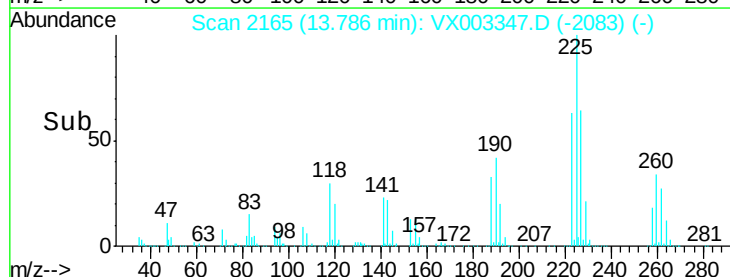
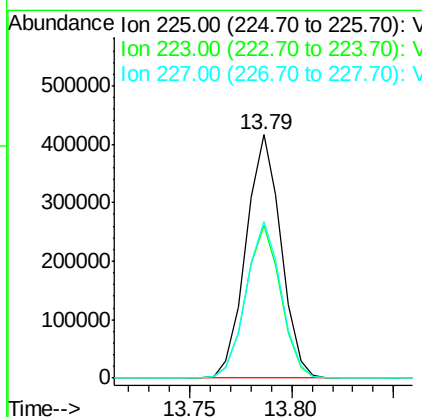
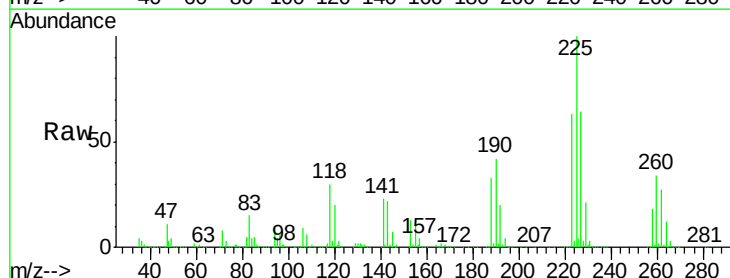
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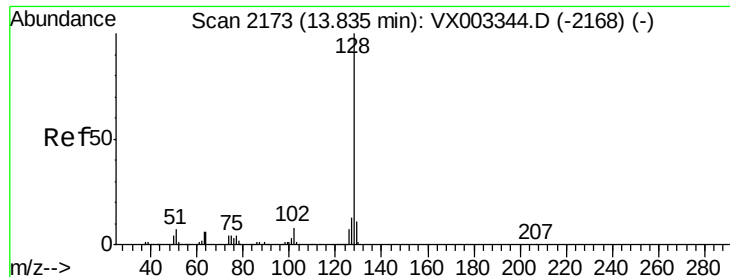
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#90
 Hexachlorobutadiene
 Concen: 144.808 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003347.D
 Acq: 12 Jul 2018 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	122.4
227	64.3	0.0	128.0





#91

Naphthalene

Concen: 172.774 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 3006062

Ion Ratio Lower Upper

128 100

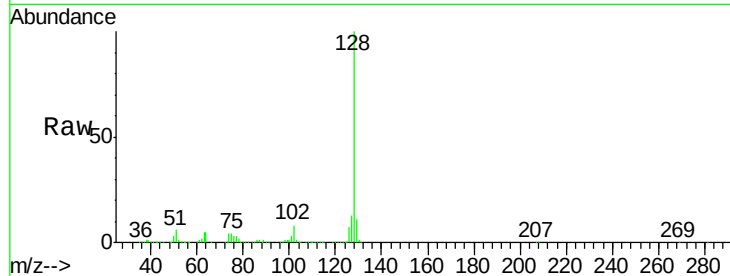
127 12.9 10.3 15.5

129 11.1 8.9 13.3

Manual Integrations
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MMDadoda

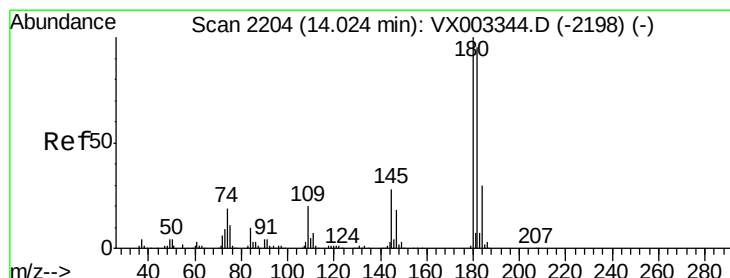
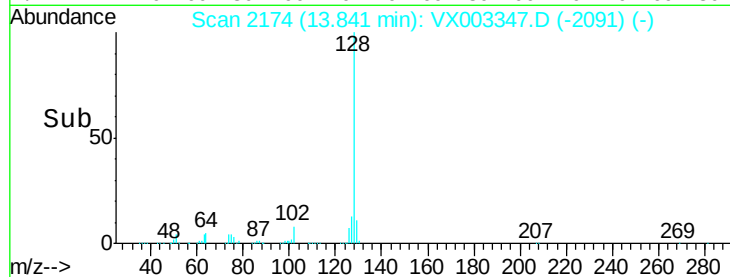
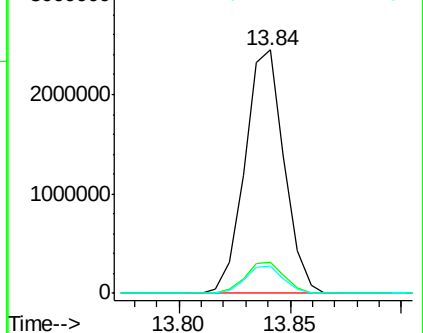
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 152.123 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003347.D

Acq: 12 Jul 2018 12:57

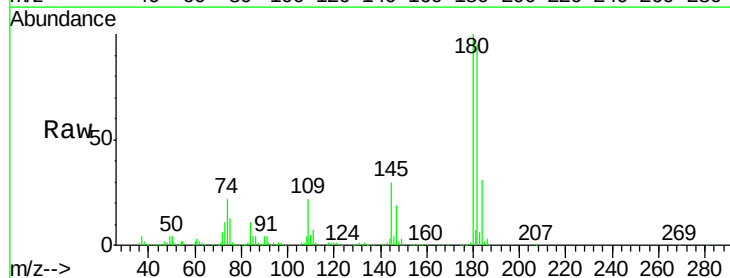
Tgt Ion:180 Resp: 993464

Ion Ratio Lower Upper

180 100

182 96.0 0.0 191.0

145 29.9 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

