

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071218\
 Data File : VX003348.D
 Acq On : 12 Jul 2018 13:23
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 11:35:51 AM

Quant Time: Jul 12 17:06:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	69302	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	353186	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	316654	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	133140	28.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.77%
60) 4-Bromofluorobenzene	11.14	95	146509	28.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.97%
63) Toluene-d8	8.72	98	427212	30.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	101116	19.221 ug/l	96
3) Chloromethane	1.32	50	96736	18.515 ug/l	100
4) Vinyl Chloride	1.40	62	103532	18.174 ug/l	99
5) Bromomethane	1.64	94	55036	23.300 ug/l	98
6) Chloroethane	1.73	64	59116	17.411 ug/l	99
7) Trichlorofluoromethane	1.93	101	135724	17.883 ug/l	95
8) Diethyl Ether	2.19	74	55351	17.834 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83226	17.914 ug/l	97
10) 1,1-Dichloroethene	2.37	96	77978	18.089 ug/l	92
11) Methyl Iodide	2.51	142	78133	20.468 ug/l	93
12) Methyl Acetate	2.78	43	126326	18.050 ug/l	96
13) Acrolein	2.29	56	47575	87.487 ug/l	95
14) Acrylonitrile	3.15	53	234911	89.190 ug/l	98
15) Acetone	2.45	58	61628	89.256 ug/l #	67
16) Carbon Disulfide	2.57	76	225849	18.341 ug/l	98
17) Allyl chloride	2.73	41	139487	17.011 ug/l	92
18) Methylene Chloride	2.86	84	90133	17.817 ug/l	86
19) trans-1,2-Dichloroethene	3.17	96	85359	18.362 ug/l	87
20) Diisopropyl ether	3.88	45	256863	17.337 ug/l	93
21) 1,1-Dichloroethane	3.70	63	148886	17.135 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	94578	19.136 ug/l	82
23) tert-Butyl Alcohol	3.08	59	100463	91.867 ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	252856	17.563 ug/l #	89
25) Chloroform	5.23	83	151913	19.414 ug/l	95
26) Cyclohexane	5.58	56	131524	19.390 ug/l #	93
29) 1,1-Dichloropropene	5.80	75	111853	20.086 ug/l	98
30) 2-Butanone	4.71	43	303347	97.489 ug/l	93
31) 2,2-Dichloropropane	4.59	77	112121	18.642 ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	122998	19.509 ug/l	97
33) Carbon Tetrachloride	5.79	117	105205	19.014 ug/l	99
34) Benzene	6.15	78	326997	19.941 ug/l	97
35) Methacrylonitrile	5.07	41	66415	20.175 ug/l	93
36) 1,2-Dichloroethane	6.20	62	106294	18.640 ug/l #	94
37) Trichloroethene	7.21	130	91181	20.107 ug/l	91
38) Methylcyclohexane	7.46	83	122171	19.410 ug/l	96
39) 1,2-Dichloropropane	7.52	63	81369	19.204 ug/l	95
40) Dibromomethane	7.67	93	53640	19.277 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	96321	18.525	ug/l	97
42) Vinyl Acetate	3.82	43	1067583	89.307	ug/l	96
43) Ethyl Acetate	4.87	43	115466	19.536	ug/l	96
44) Isopropyl Acetate	6.47	43	168145	18.561	ug/l	93
45) 1,4-Dioxane	7.76	88	40495	418.801	ug/l #	80
46) Methyl methacrylate	7.78	41	87968	18.778	ug/l	86
47) n-amyl Acetate	10.90	43	136733	17.524	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	118622	18.745	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	107555	18.768	ug/l	89
50) 1,1,2-Trichloroethane	9.22	97	81690	19.464	ug/l	98
51) Ethyl methacrylate	9.18	69	115543	18.891	ug/l	83
52) 1,3-Dichloropropane	9.37	76	132908	19.281	ug/l	99
53) Dibromochloromethane	9.59	129	77567	18.494	ug/l	100
54) 1,2-Dibromoethane	9.68	107	85310	19.601	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	297564	103.123	ug/l	99
56) Bromoform	10.86	173	56631	17.659	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	557215	98.783	ug/l	92
59) 2-Hexanone	9.50	43	422454	97.784	ug/l	92
61) Tetrachloroethene	9.34	164	99702	20.572	ug/l	98
62) Toluene	8.79	91	350740	20.302	ug/l	100
64) Chlorobenzene	10.14	112	228447	19.969	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	79604	19.617	ug/l	99
66) Ethyl Benzene	10.26	91	378493	19.826	ug/l	99
67) m/p-Xylenes	10.36	106	292030	39.313	ug/l	97
68) o-Xylene	10.70	106	137857	19.288	ug/l	97
69) Styrene	10.71	104	228909	19.267	ug/l	97
70) Isopropylbenzene	11.02	105	366179	19.322	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	113827	19.151	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	99848m	14.363	ug/l	
73) Bromobenzene	11.26	156	99568	18.901	ug/l	96
74) n-propylbenzene	11.37	91	416535	18.871	ug/l	99
75) 2-Chlorotoluene	11.43	91	246762	18.690	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	297495	18.551	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	30389	18.304	ug/l	94
78) 4-Chlorotoluene	11.51	91	284887	18.471	ug/l	99
79) tert-butylbenzene	12.07	119	301682	17.762	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	297584	18.262	ug/l	98
81) sec-Butylbenzene	11.95	105	343510	18.105	ug/l	99
82) p-Isopropyltoluene	12.07	119	301682	17.762	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	174449	17.873	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	174704	17.734	ug/l	99
85) n-Butylbenzene	12.39	91	258858	17.359	ug/l	99
86) Hexachloroethane	12.60	117	40857	16.342	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	173662	17.799	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	21378	17.313	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	120880	17.256	ug/l	100
90) Hexachlorobutadiene	13.79	225	58331	16.995	ug/l	99
91) Naphthalene	13.83	128	355071	17.576	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	123726	17.422	ug/l	100

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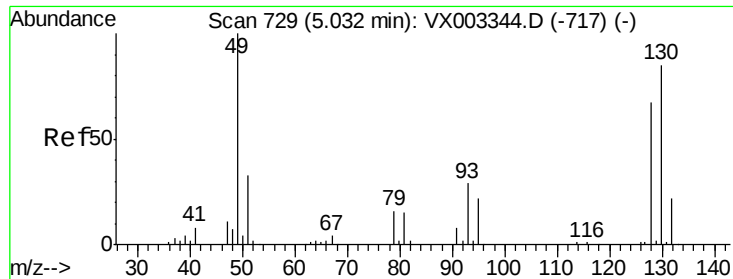
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+)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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

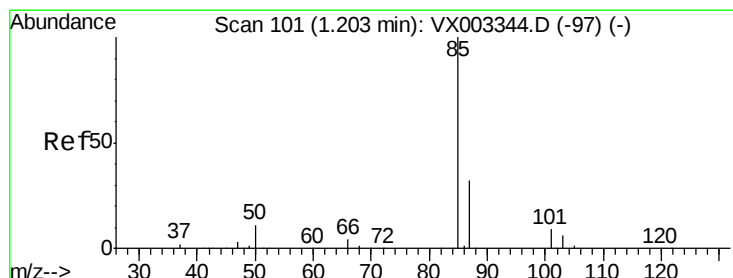
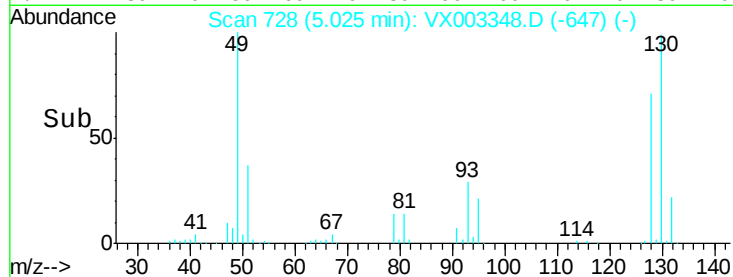
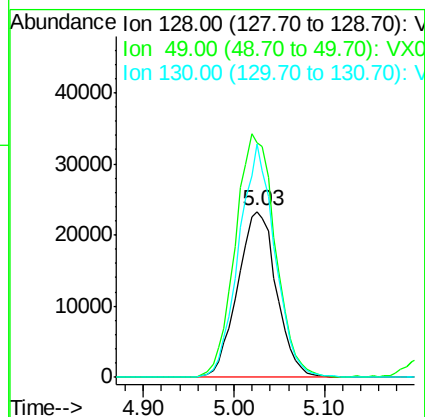
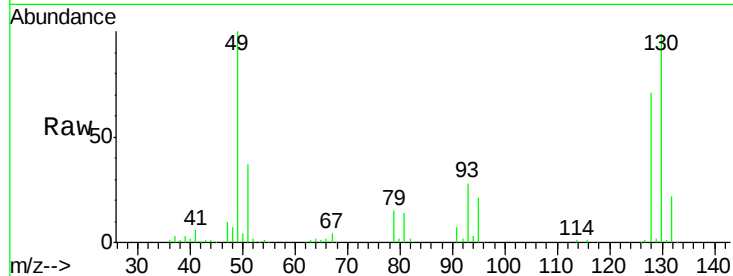
ClientSampleId :

VSTDICV020

Tot Ion:	128	Resp:	69302
Ion	Ratio	Lower	Upper
128	100		
49	150.9	0.0	423.0
130	130.7	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 19.221 ug/l

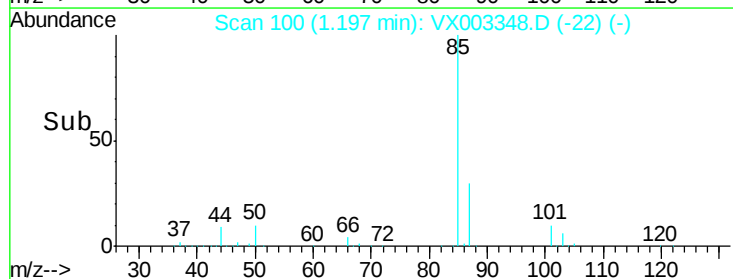
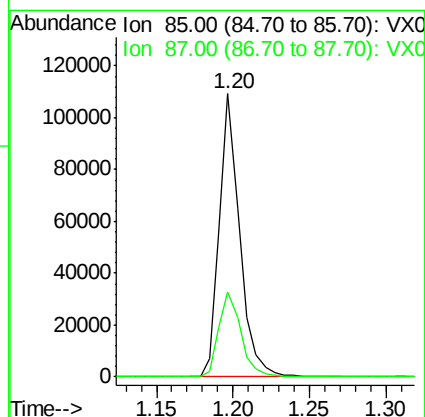
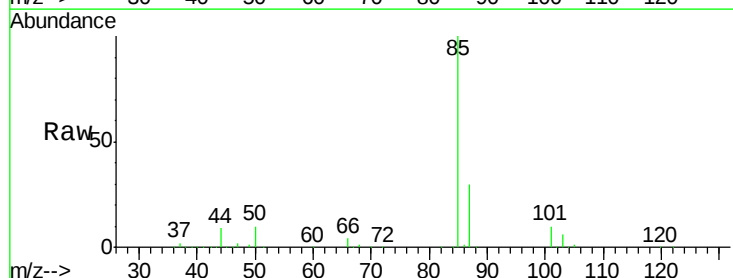
RT: 1.20 min Scan# 100

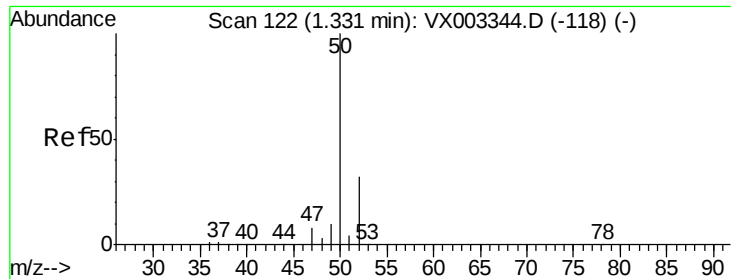
Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion:	85	Resp:	101116
Ion	Ratio	Lower	Upper
85	100		
87	30.2	16.2	48.5





#3

Chloromethane

Concen: 18.515 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VSTDICV020

Tot Ion: 50 Resp: 96736

Ion Ratio Lower Upper

50 100

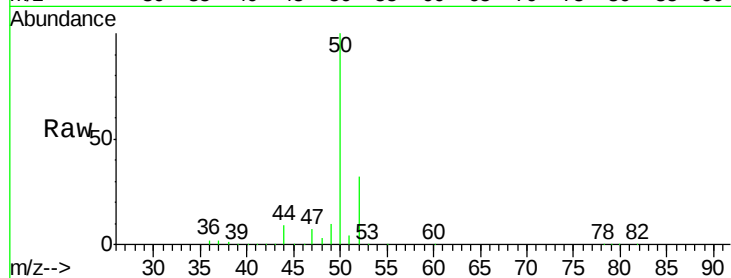
52 32.1 25.6 38.4

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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

100000

80000

60000

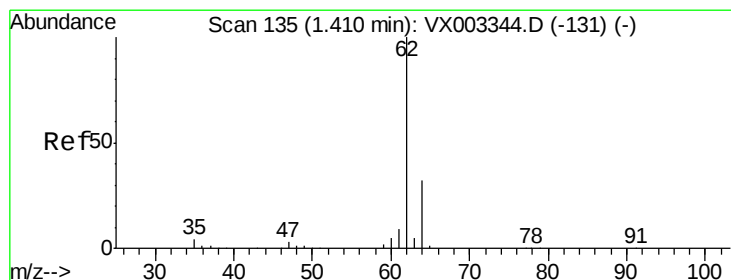
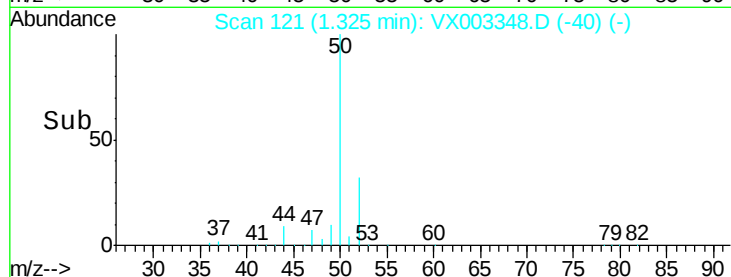
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 18.174 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003348.D

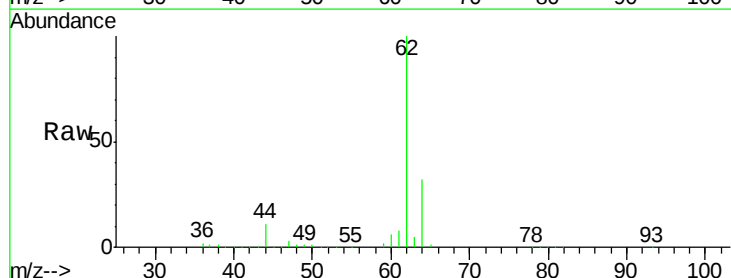
Acq: 12 Jul 2018 13:23

Tgt Ion: 62 Resp: 103532

Ion Ratio Lower Upper

62 100

64 32.1 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

100000

80000

60000

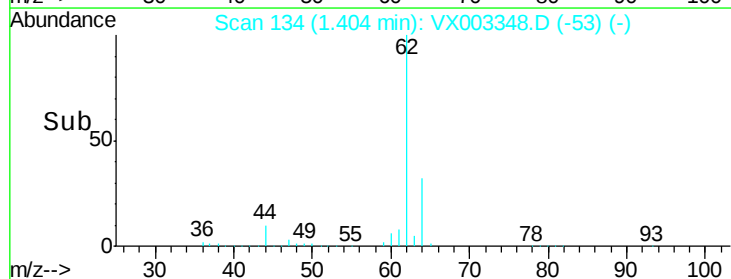
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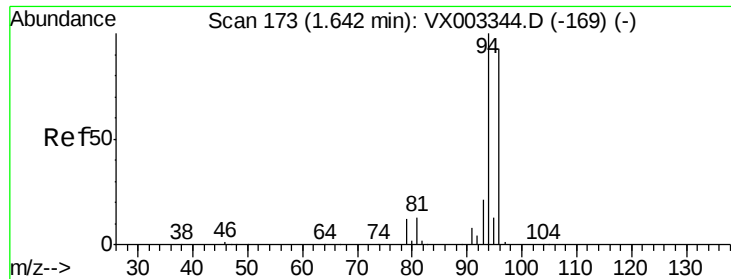
20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 23.300 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV020

Tot Ion: 94 Resp: 55036

Ion Ratio Lower Upper

94 100

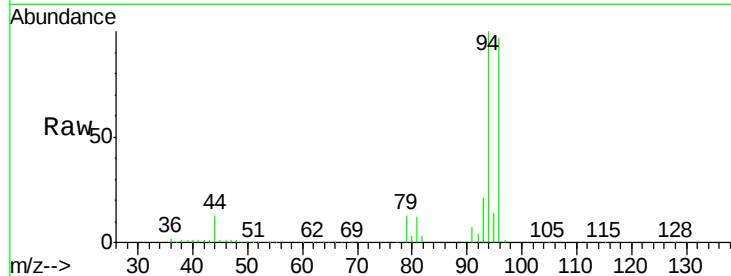
96 96.8 75.7 113.5

Manual Integrations

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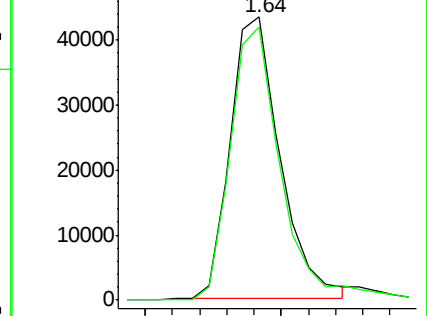
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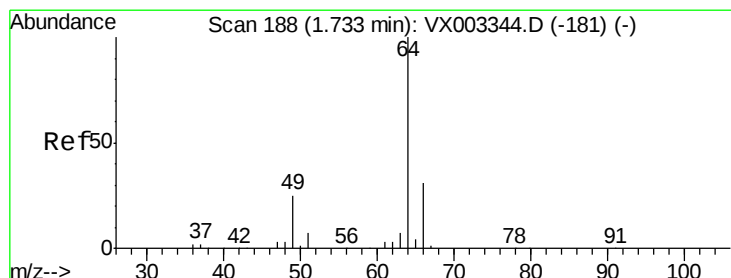
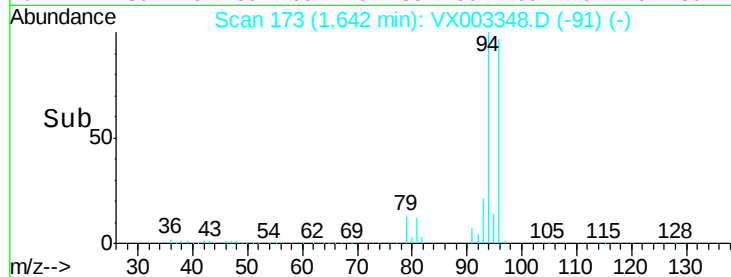


Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



Time-->



#6

Chloroethane

Concen: 17.411 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX003348.D

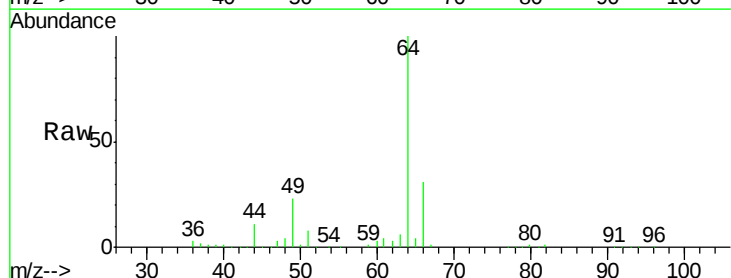
Acq: 12 Jul 2018 13:23

Tgt Ion: 64 Resp: 59116

Ion Ratio Lower Upper

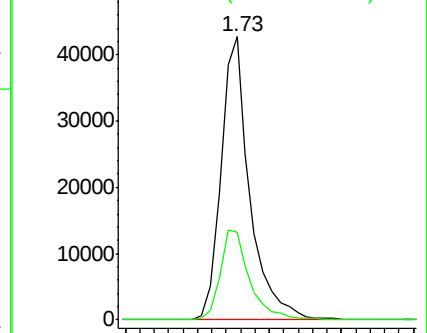
64 100

66 30.9 24.3 36.5

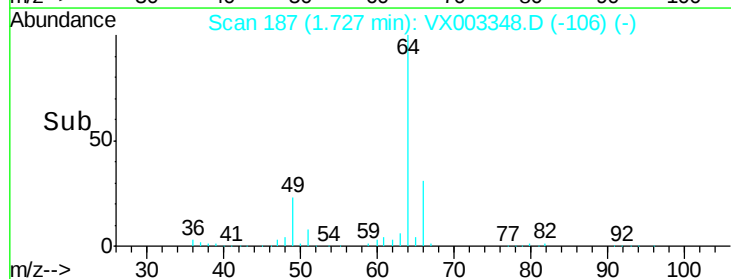


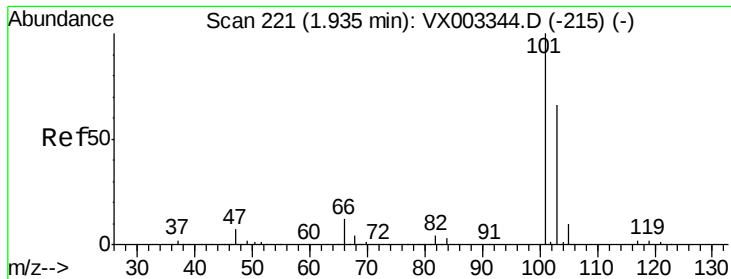
Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



Time-->





#7

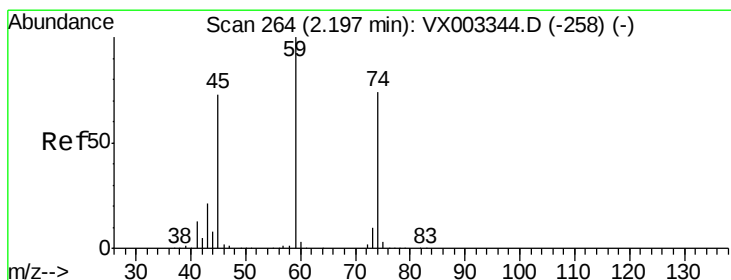
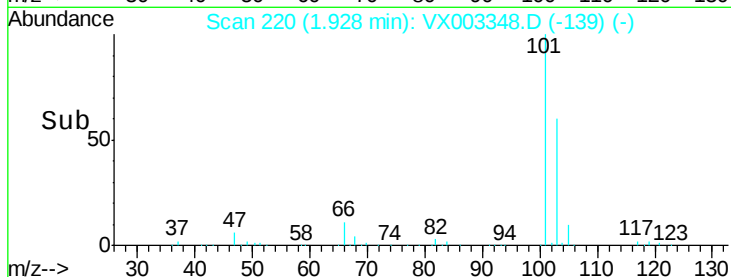
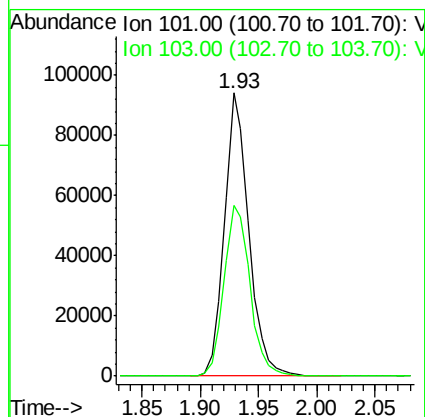
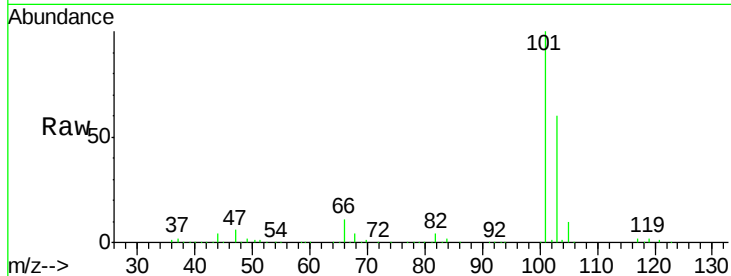
Trichlorofluoromethane
 Concen: 17.883 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.3	51.5	77.3

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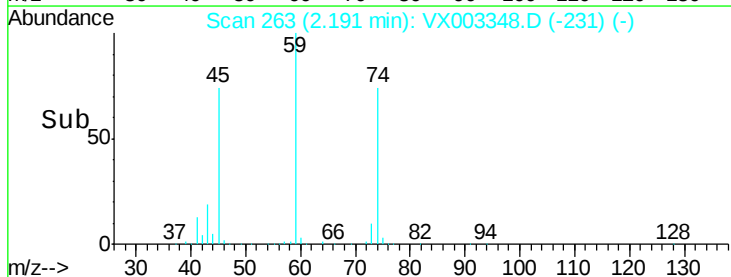
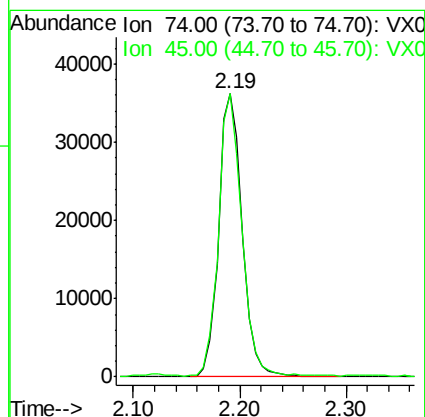
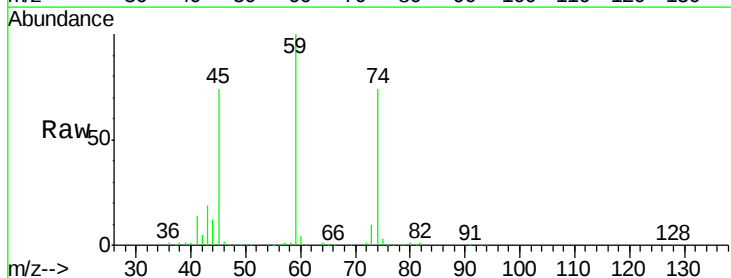
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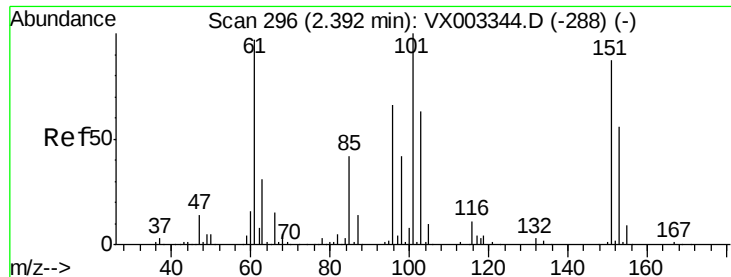


#8

Diethyl Ether
 Concen: 17.834 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.914 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

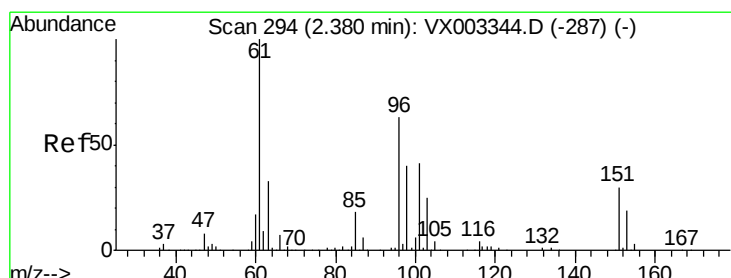
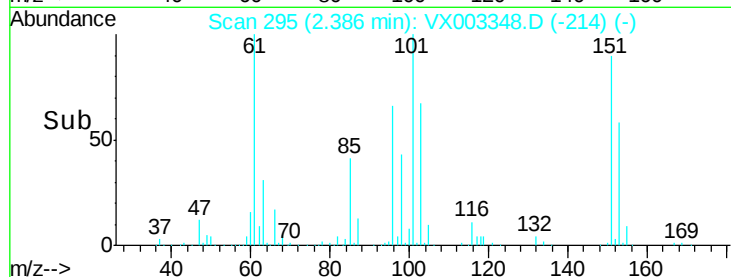
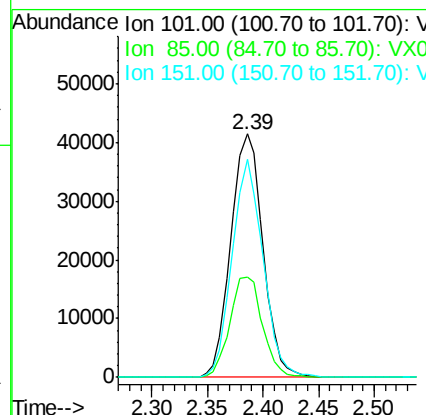
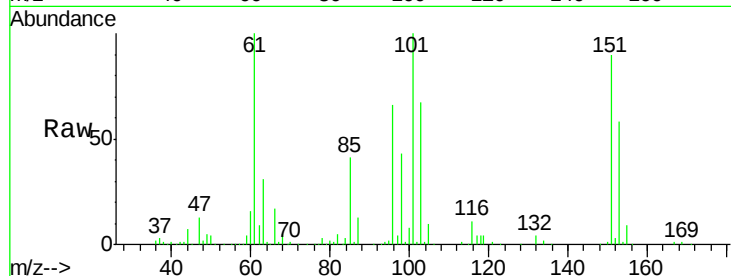
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.0	0.0	87.0
151	86.1	0.0	177.6

Manual Integrations
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7/13/2018 11:35:51 AM



#10

1,1-Dichloroethene

Concen: 18.089 ug/l

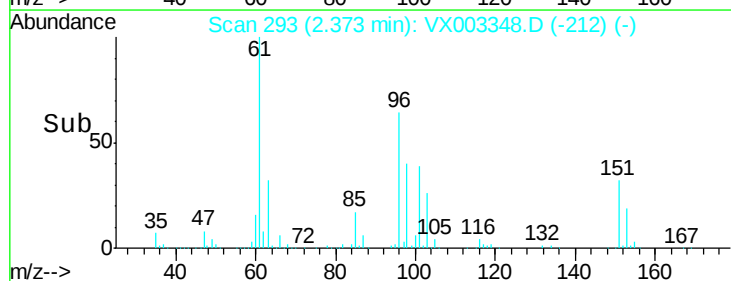
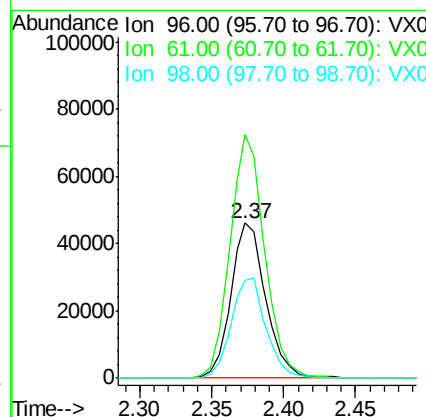
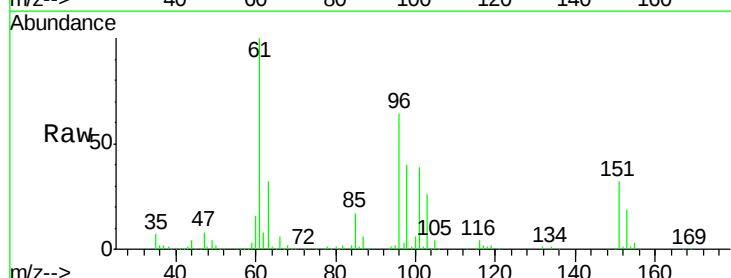
RT: 2.37 min Scan# 293

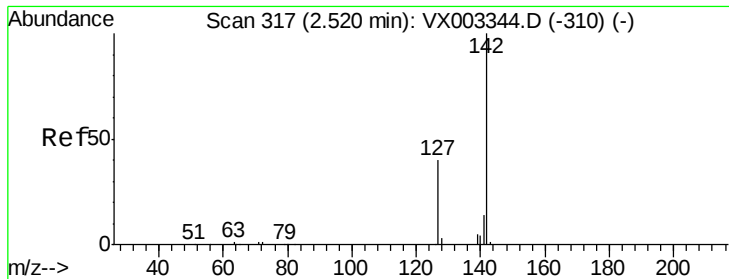
Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	137.5	206.3
98	63.1	51.4	77.2





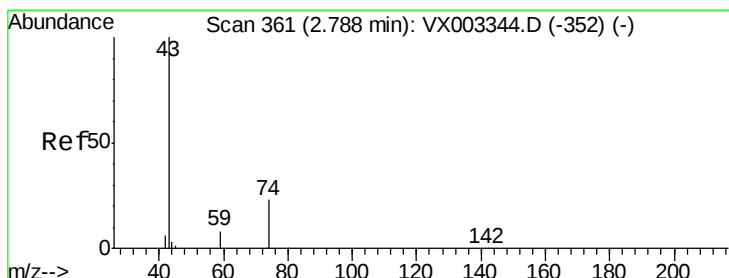
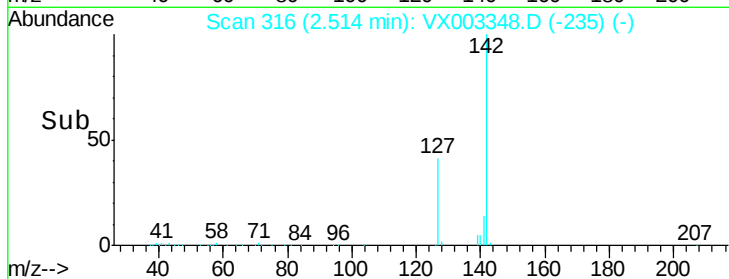
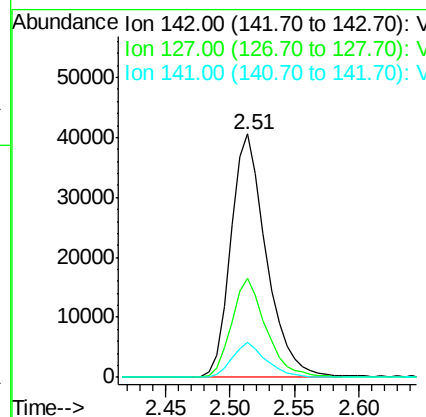
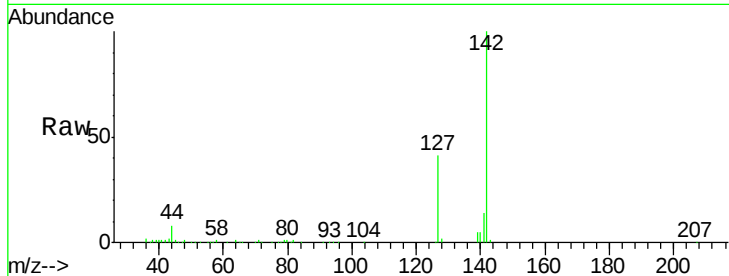
#11
Methvl Iodide
Concen: 20.468 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.5	23.2	69.6
141	14.4	7.4	22.2

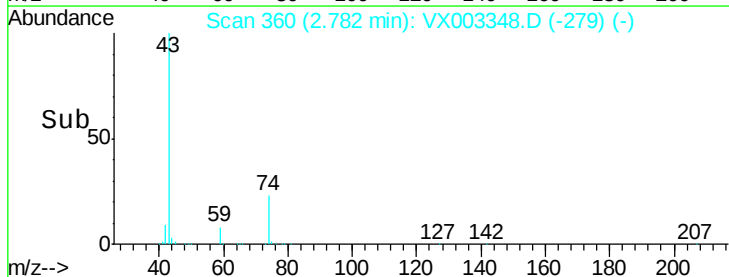
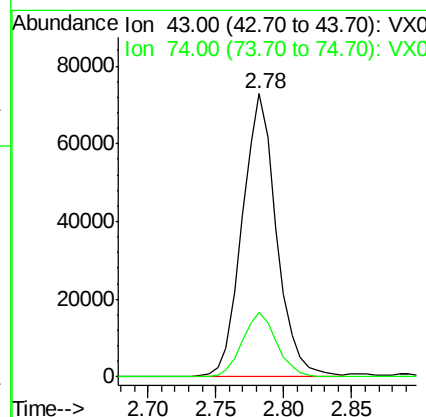
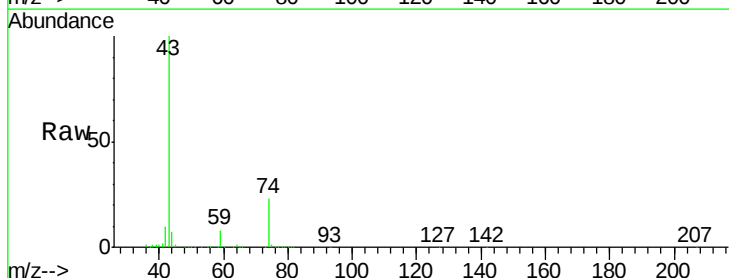
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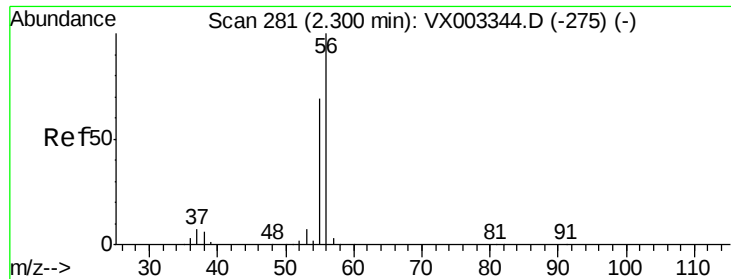
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7/13/2018 11:35:51 AM



#12
Methyl Acetate
Concen: 18.050 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.4	24.6





#13

Acrolein

Concen: 87.487 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV020

Tot Ion: 56 Resp: 47575

Ion Ratio Lower Upper

56 100

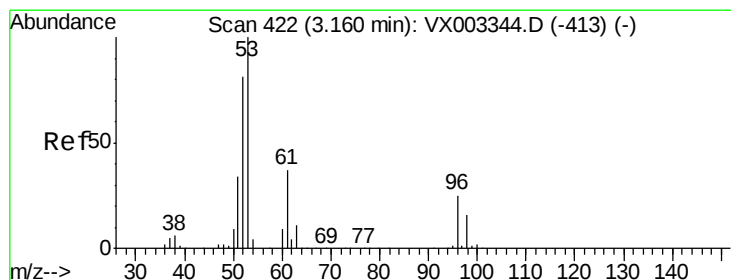
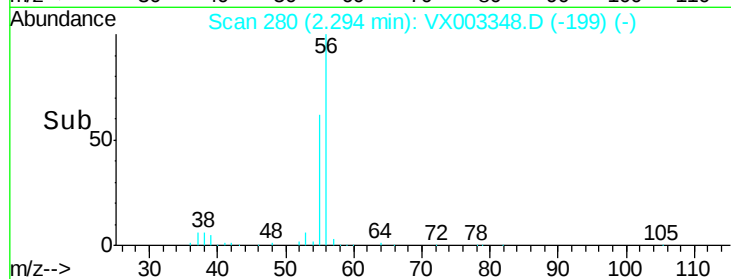
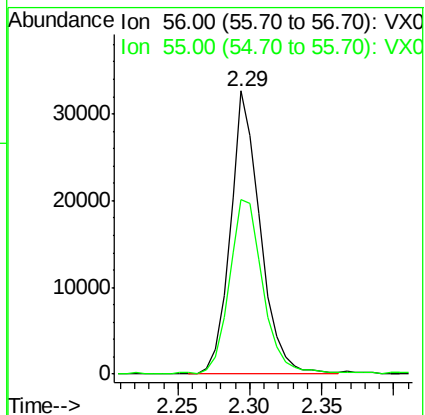
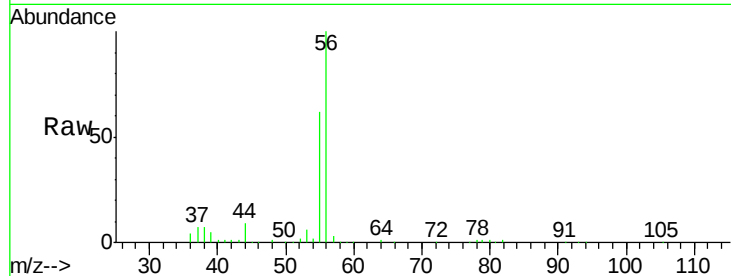
55 67.8 57.3 85.9

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#14

Acrylonitrile

Concen: 89.190 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

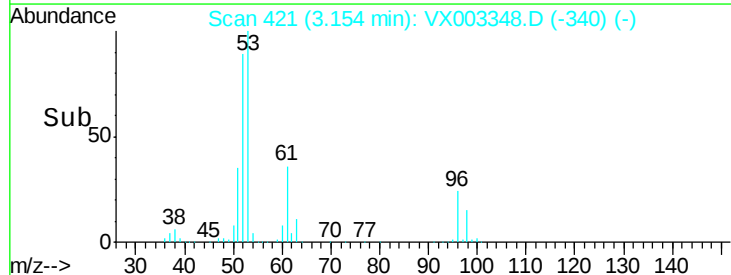
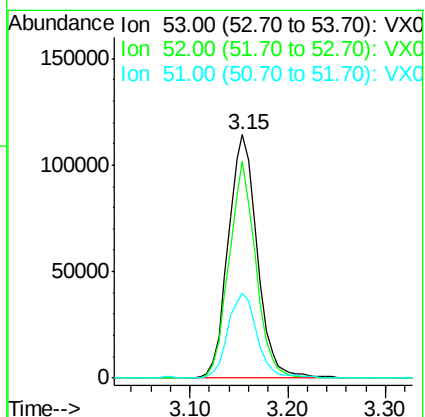
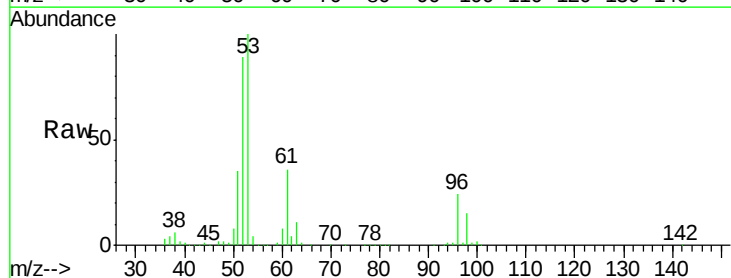
Tgt Ion: 53 Resp: 234911

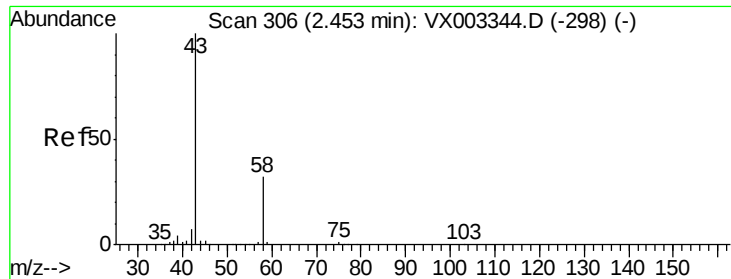
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.6

51 34.4 17.9 53.8





#15

Acetone

Concen: 89.256 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV020

Tot Ion: 58 Resp: 61628

Ion Ratio Lower Upper

58 100

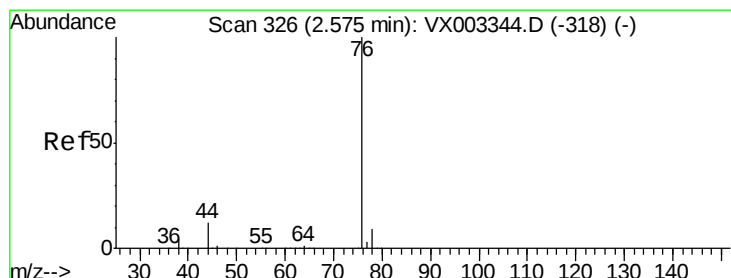
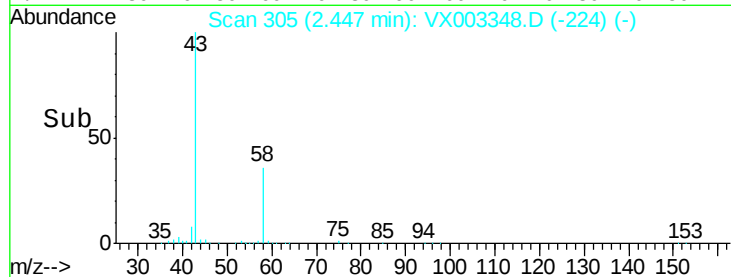
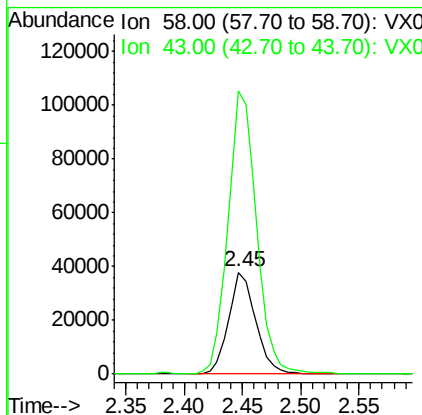
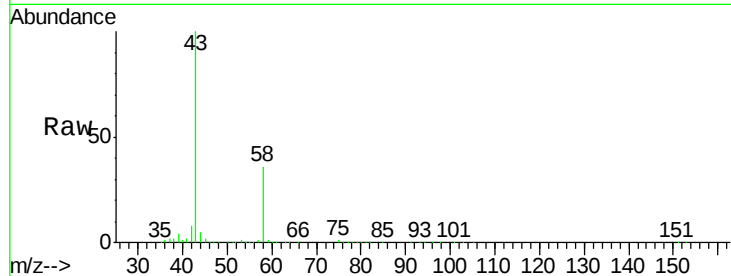
43 277.7 278.8 418.2#

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#16

Carbon Disulfide

Concen: 18.341 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX003348.D

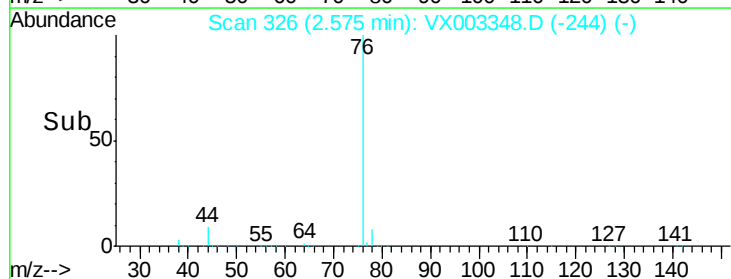
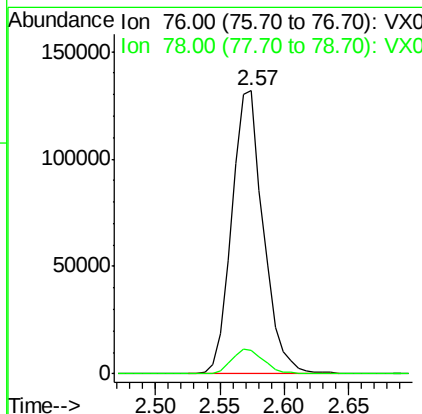
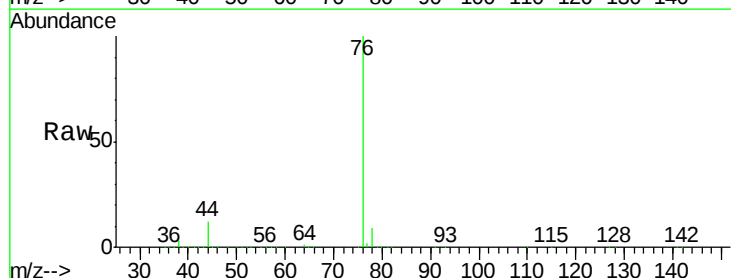
Acq: 12 Jul 2018 13:23

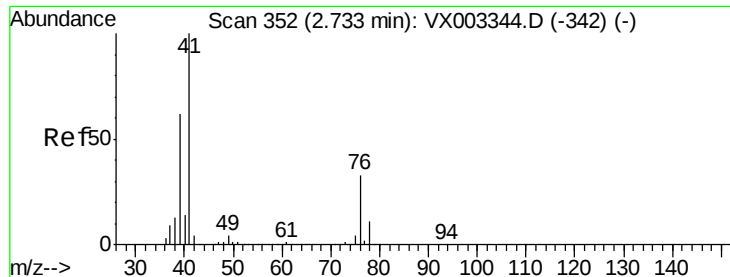
Tgt Ion: 76 Resp: 225849

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0





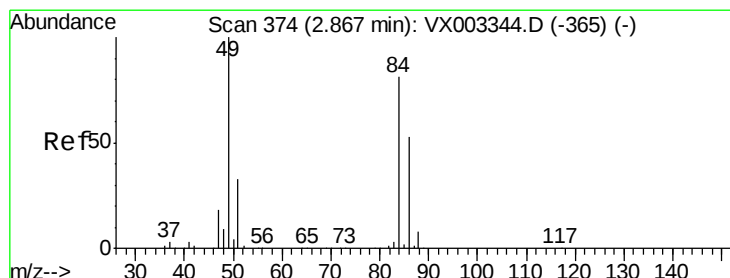
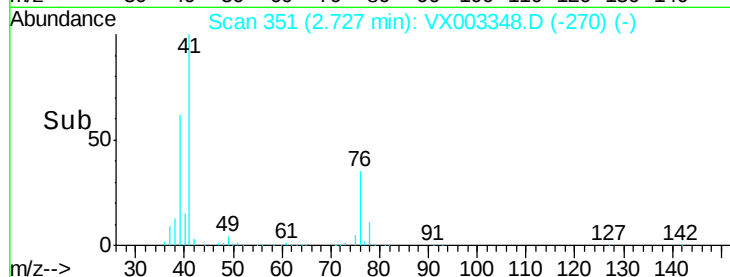
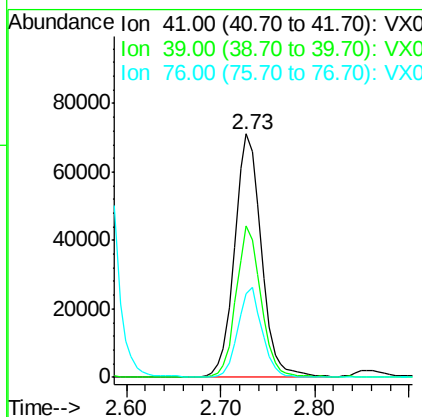
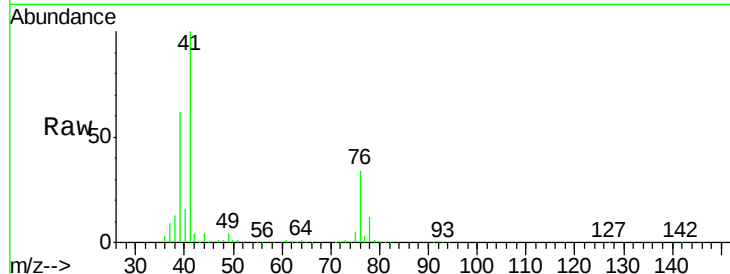
#17
Allvl chloride
Concen: 17.011 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.1	34.6	103.8
76	34.3	15.0	45.1

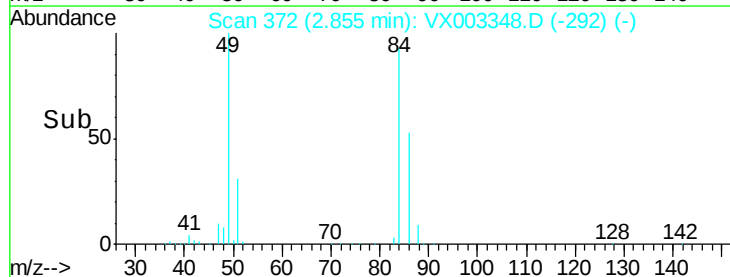
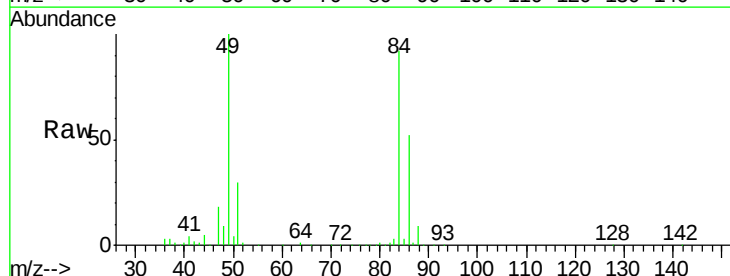
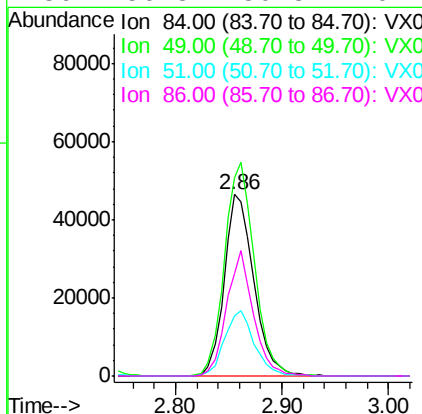
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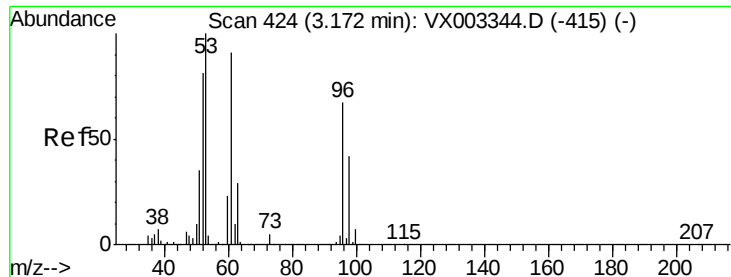
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#18
Methylene Chloride
Concen: 17.817 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.1	104.7	157.1
51	33.0	31.0	46.4
86	56.8	50.8	76.2





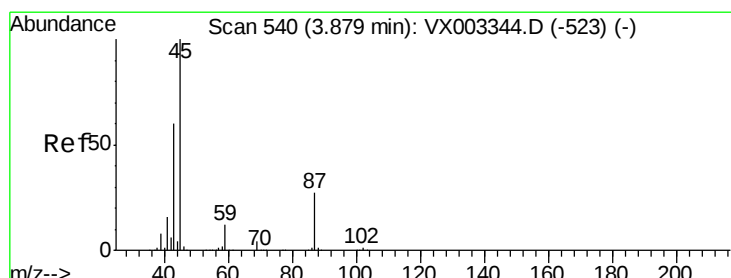
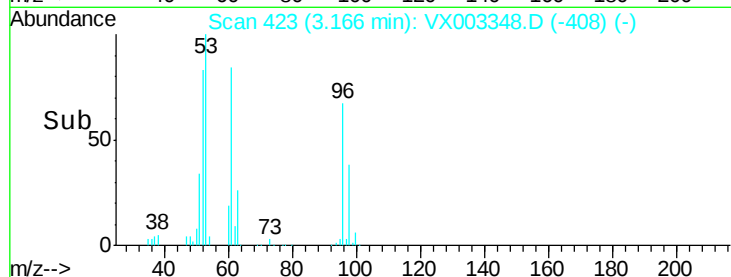
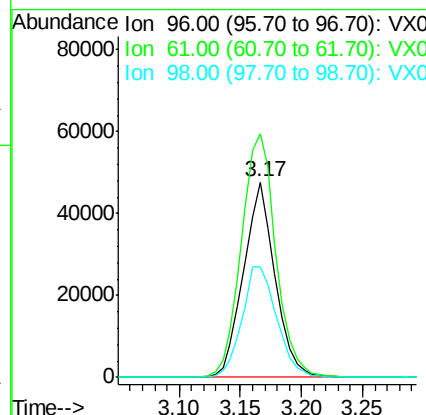
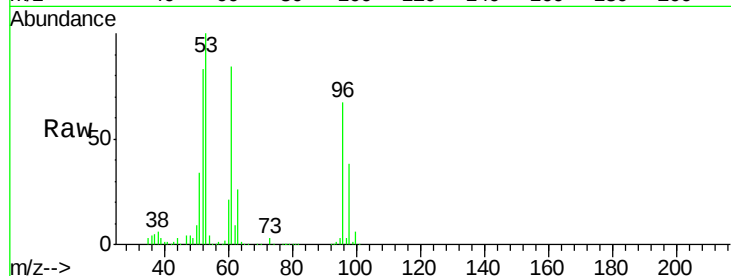
#19
trans-1,2-Dichloroethene
Concen: 18.362 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.9	114.6	172.0
98	56.7	51.3	76.9

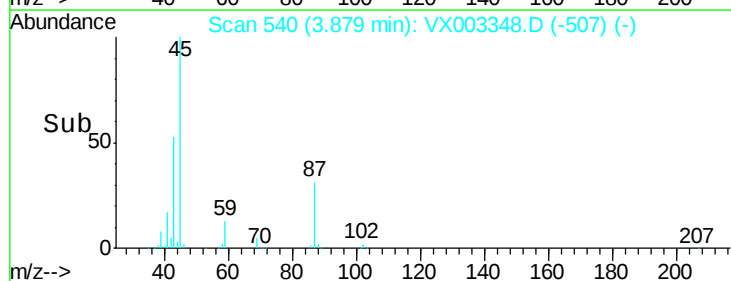
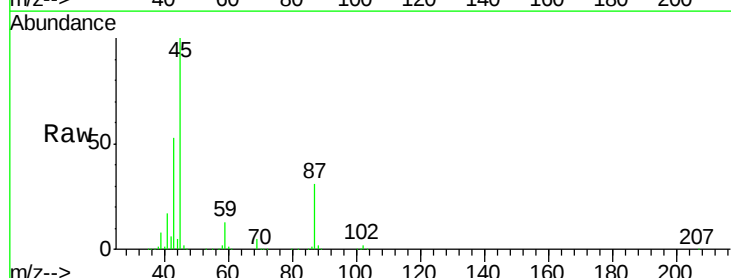
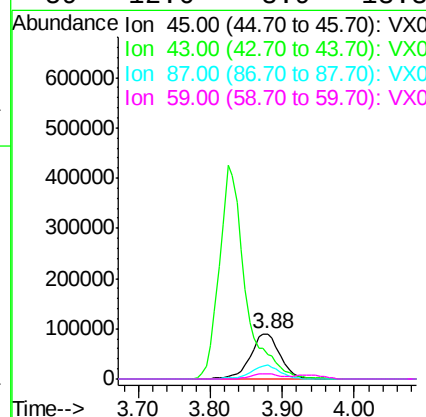
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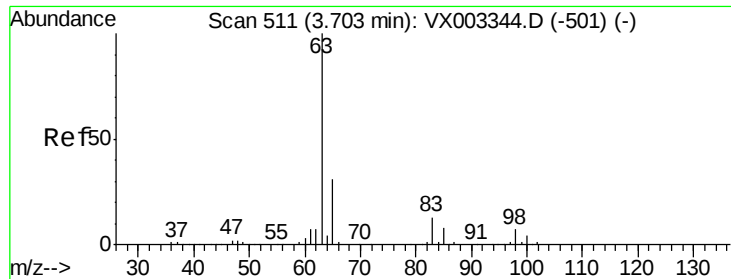
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#20
Diisopropyl ether
Concen: 17.337 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.6	45.6	68.4
87	31.0	20.7	31.1
59	12.6	8.9	13.3





#21

1,1-Dichloroethane

Concen: 17.135 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

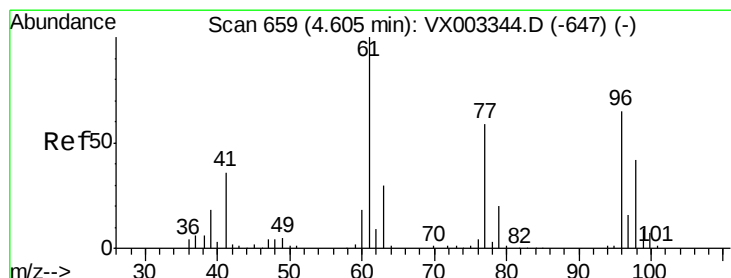
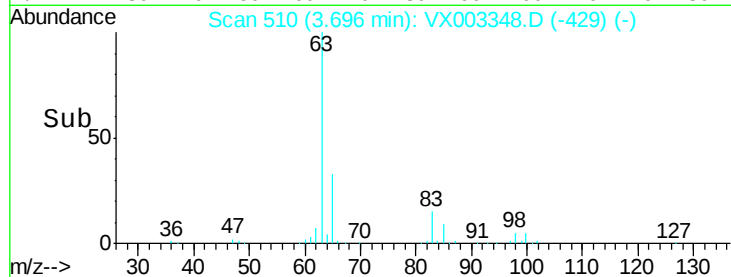
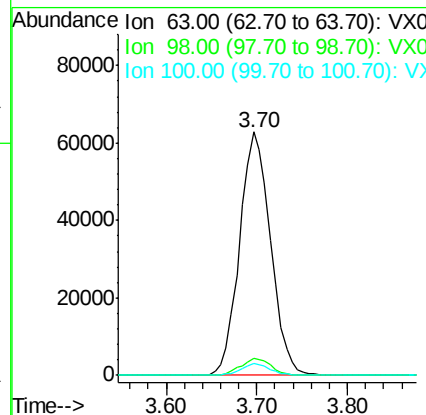
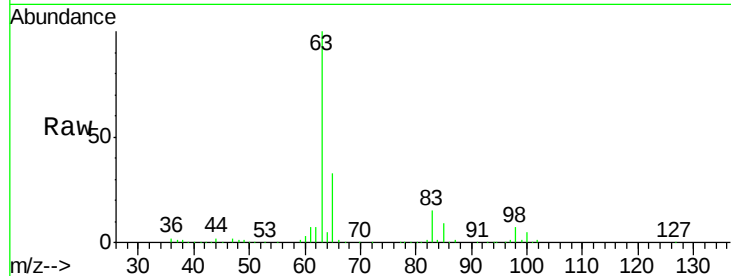
ClientSampleId :

VSTDICV020

Tot Ion:	63	Resp:	148886
Ion Ratio		Lower	Upper
63	100		
98	6.8	3.1	9.3
100	4.8	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 19.136 ug/l

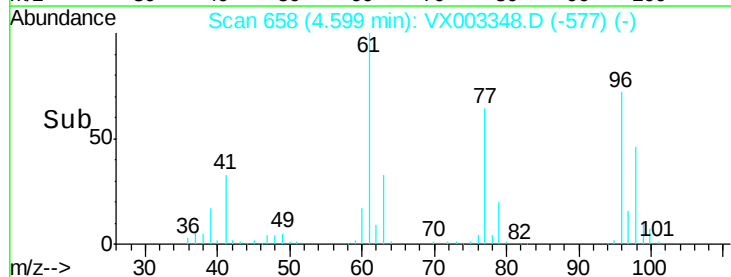
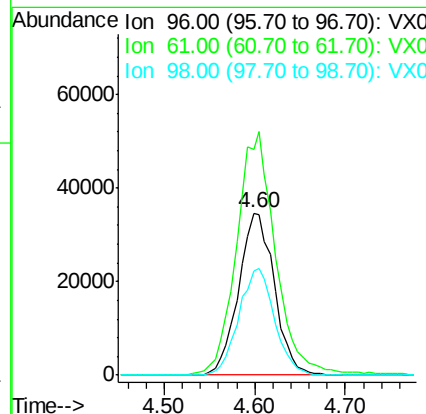
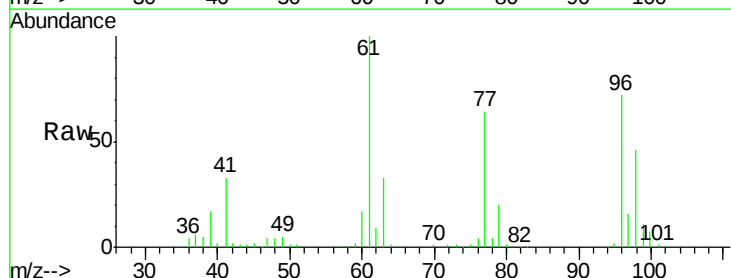
RT: 4.60 min Scan# 658

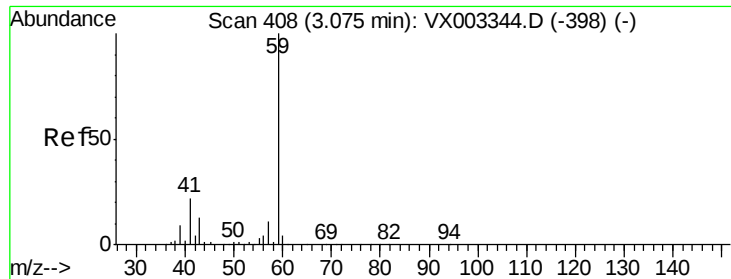
Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion:	96	Resp:	94578
Ion Ratio		Lower	Upper
96	100		
61	163.8	160.2	240.2
98	65.9	54.1	81.1





#23

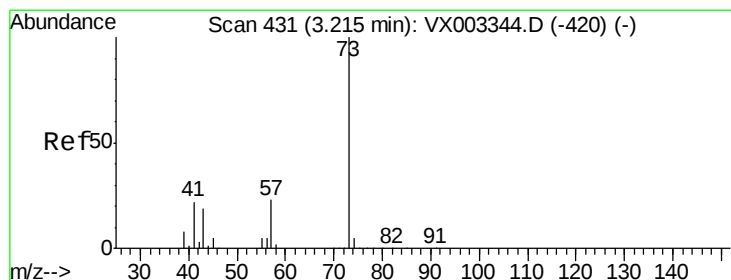
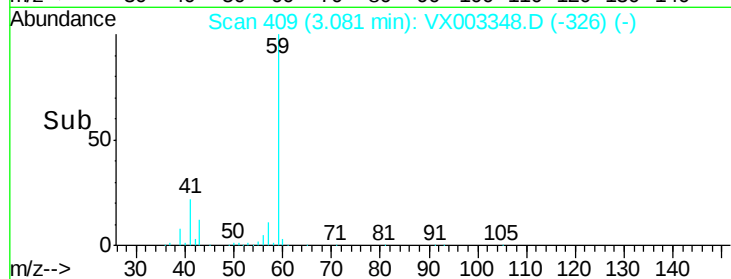
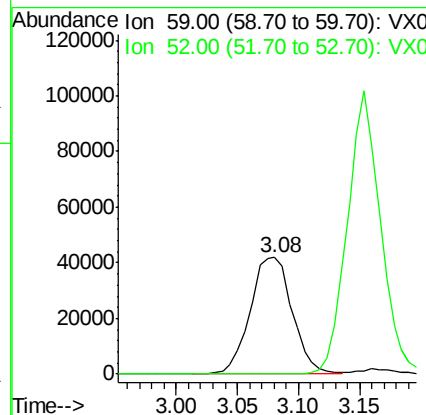
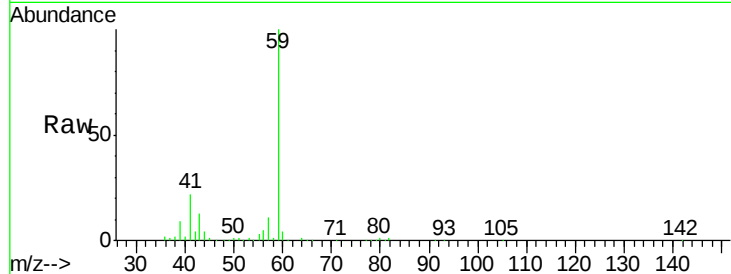
tert-Butyl Alcohol
 Concen: 91.867 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICV020

Tot Ion	59	52	Ratio	Lower	Upper
100463	100	0.2		0.2	0.2

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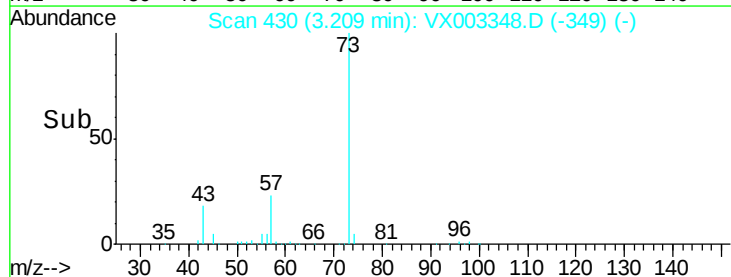
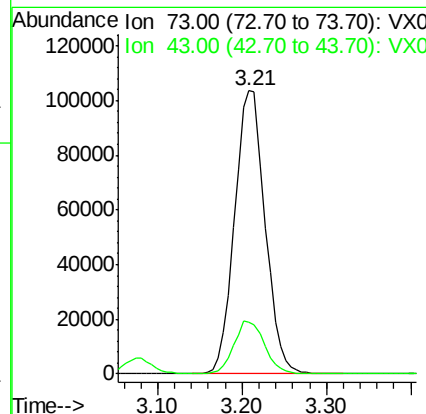
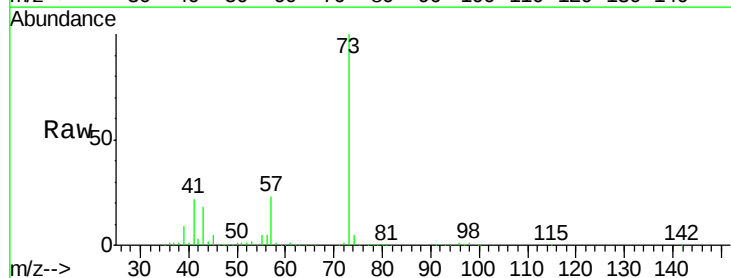
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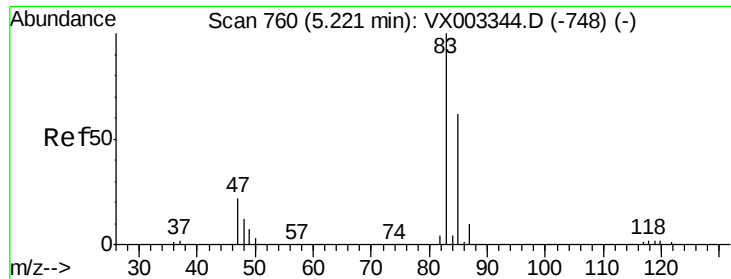


#24

Methyl tert-Butyl Ether
 Concen: 17.563 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	73	43	Ratio	Lower	Upper
252856	100	18.2		19.0	28.4#





#25

Chloroform

Concen: 19.414 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VSTDICV020

Tot Ion: 83 Resp: 151913

Ion Ratio Lower Upper

83 100

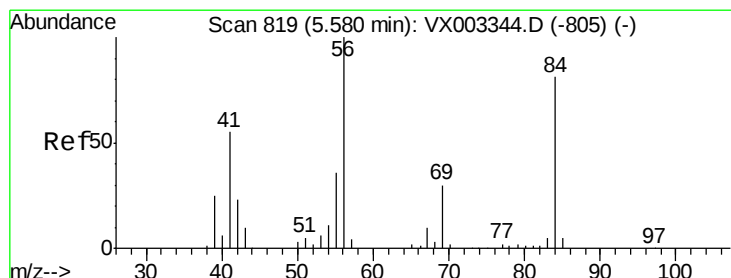
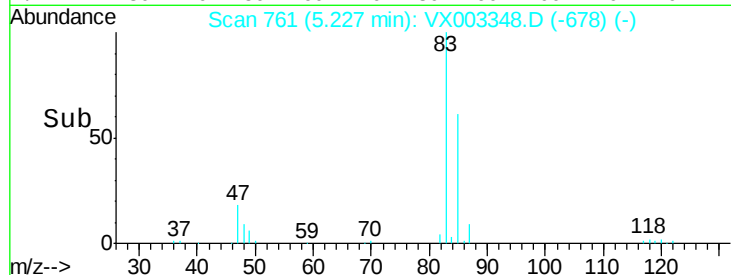
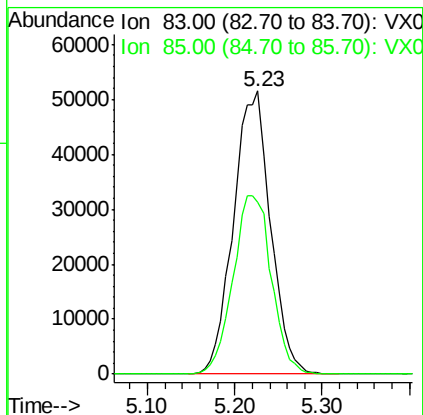
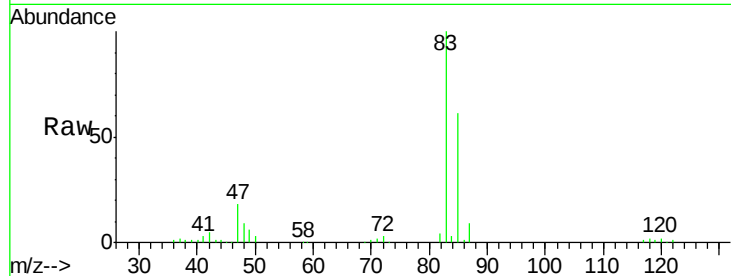
85 60.8 51.9 77.9

Manual Integrations

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#26

Cyclohexane

Concen: 19.390 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

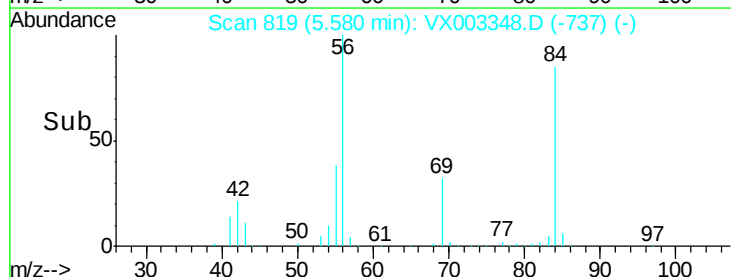
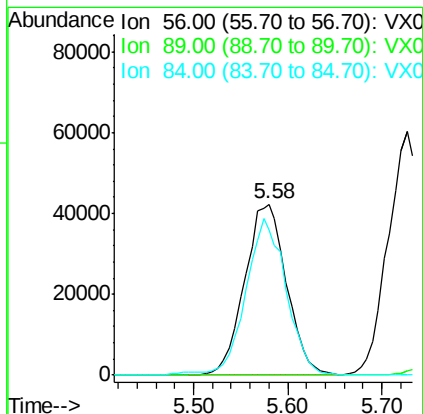
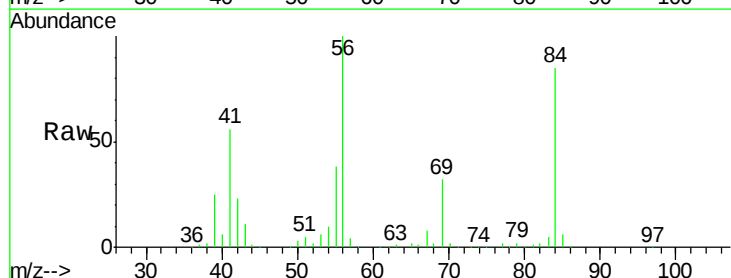
Tgt Ion: 56 Resp: 131524

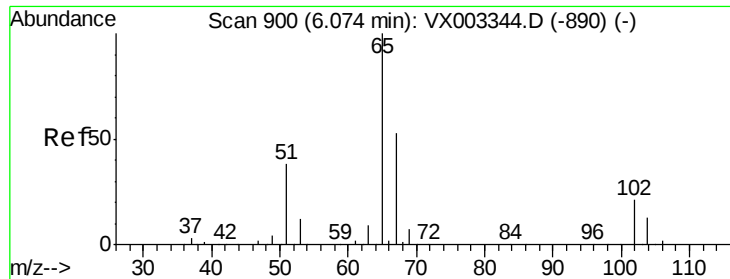
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 87.4 64.9 97.3





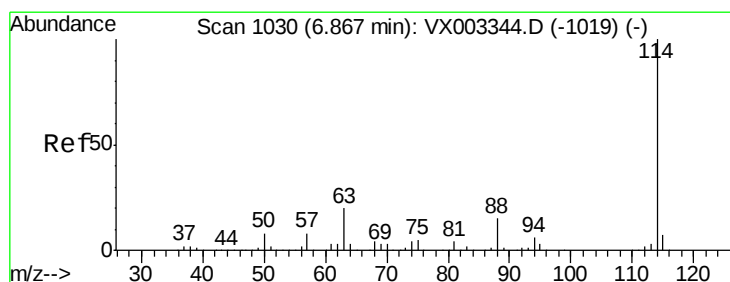
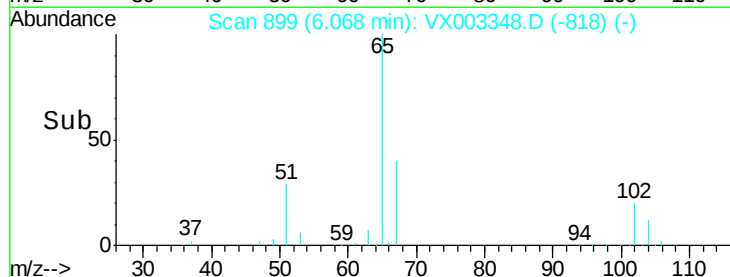
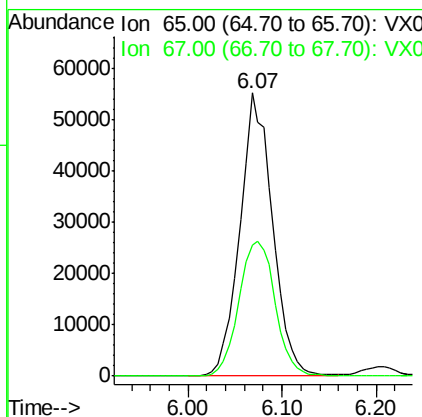
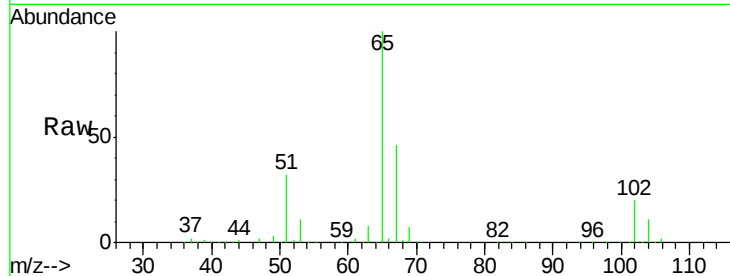
#27
 1,2-Dichloroethane-d4
 Concen: 28.129 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Tot Ion: 65 Resp: 133140
 Ion Ratio Lower Upper
 65 100
 67 52.7 40.9 61.3

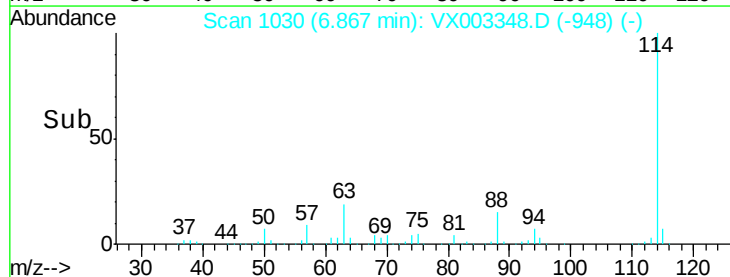
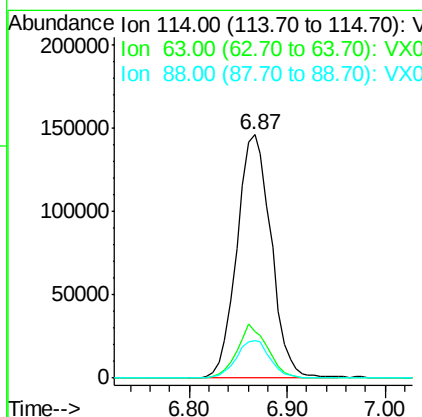
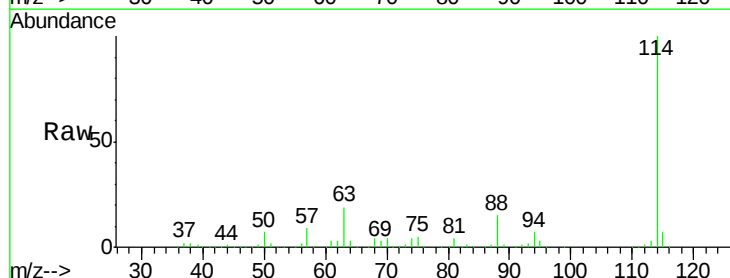
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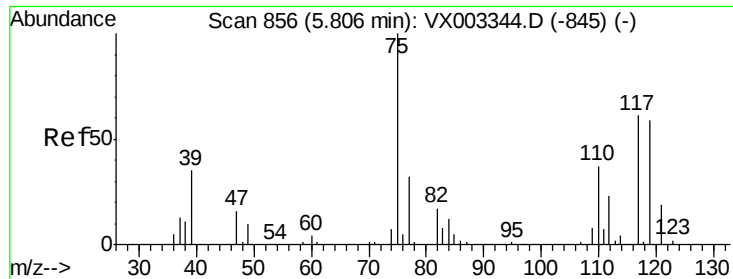
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion: 114 Resp: 353186
 Ion Ratio Lower Upper
 114 100
 63 19.8 17.1 25.7
 88 15.2 12.6 19.0





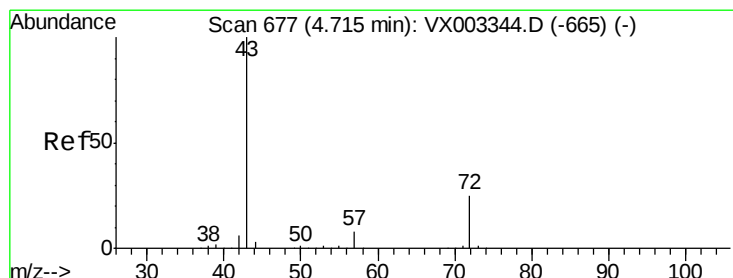
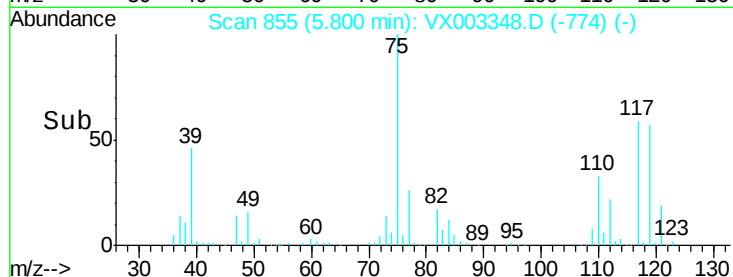
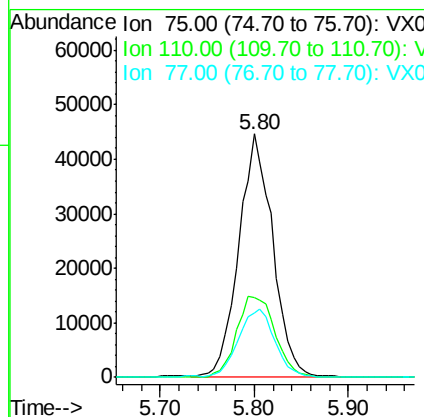
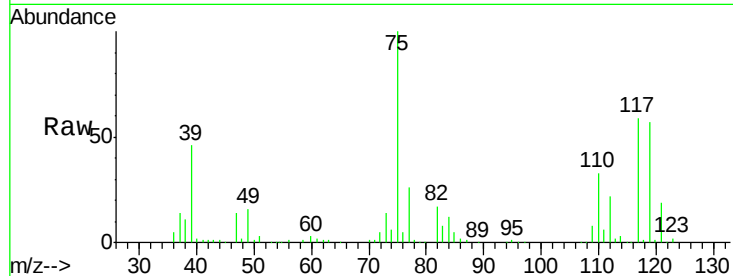
#29
 1,1-Dichloropropene
 Concen: 20.086 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.8	0.0	71.4
77	30.3	0.0	60.6

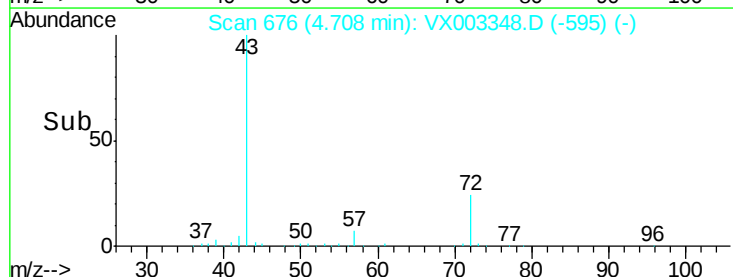
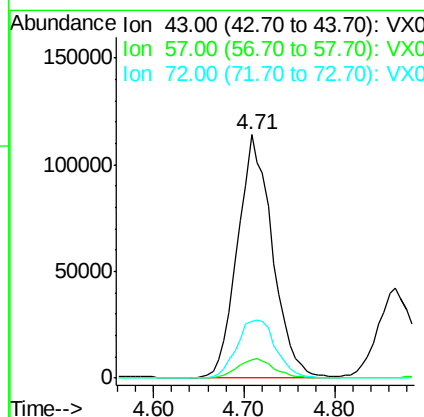
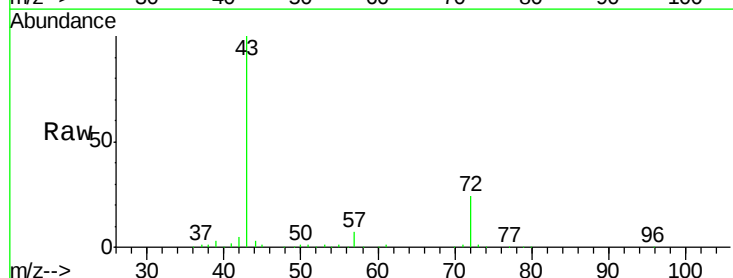
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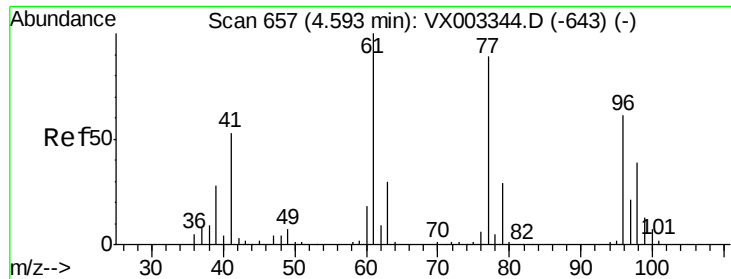
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#30
 2-Butanone
 Concen: 97.489 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.2	6.1	9.1
72	26.9	18.1	27.1





#31

2,2-Dichloropropane

Concen: 18.642 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VSTDICV020

Tot Ion: 77 Resp: 112121

Ion Ratio Lower Upper

77 100

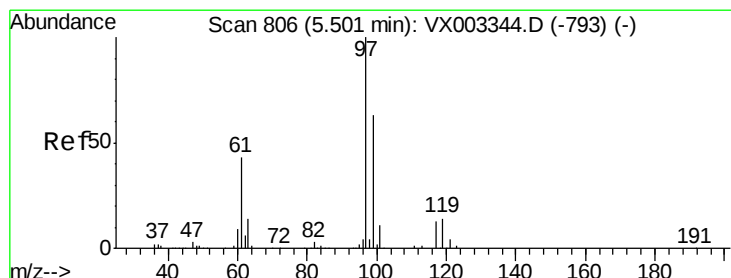
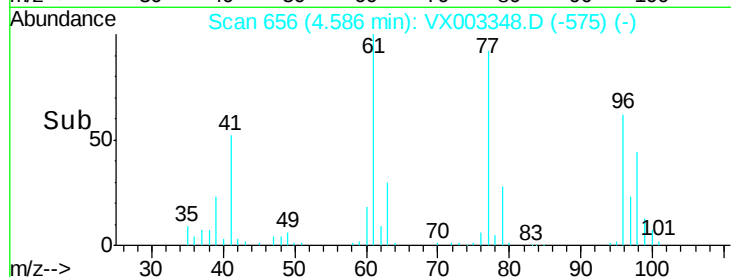
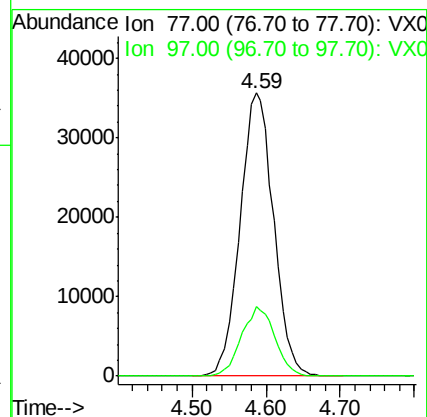
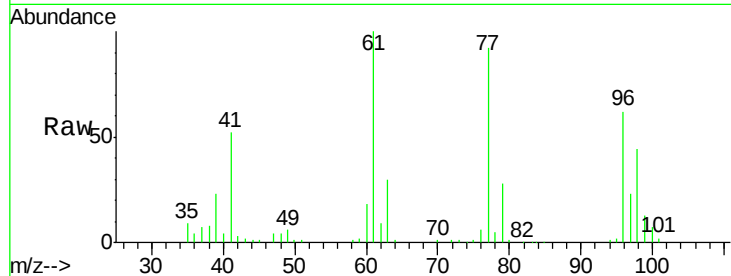
97 24.5 18.7 28.1

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#32

1,1,1-Trichloroethane

Concen: 19.509 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

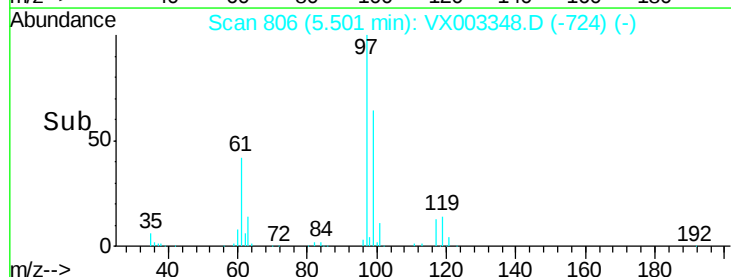
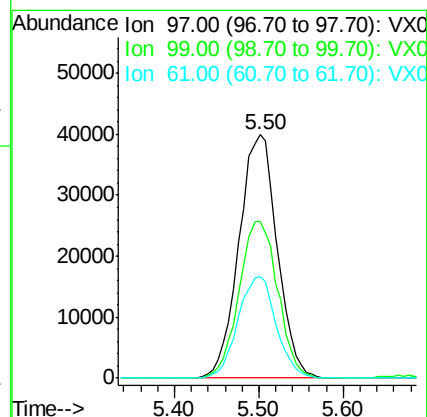
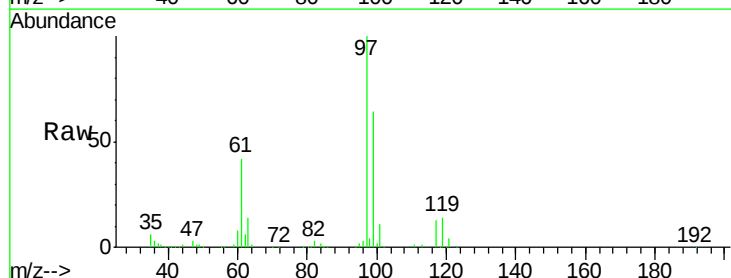
Tgt Ion: 97 Resp: 122998

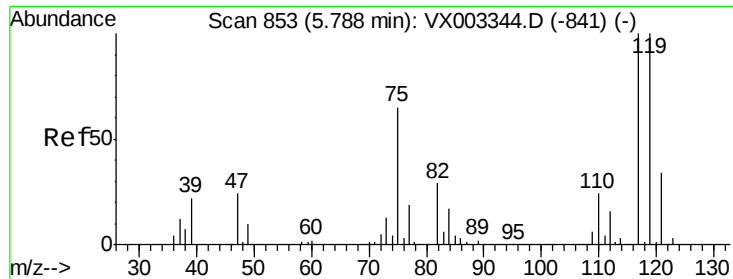
Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

61 41.7 36.4 54.6





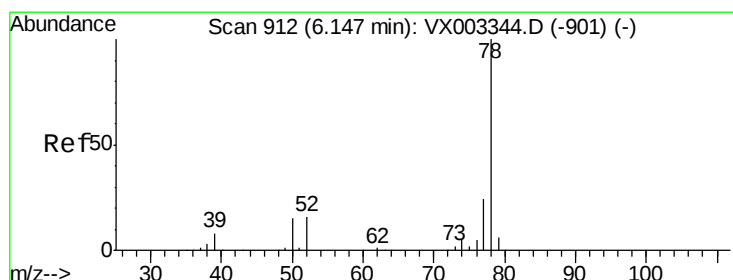
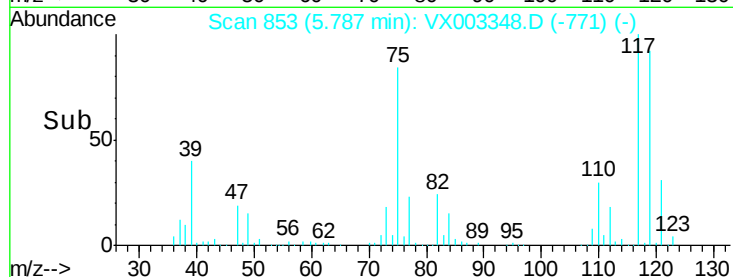
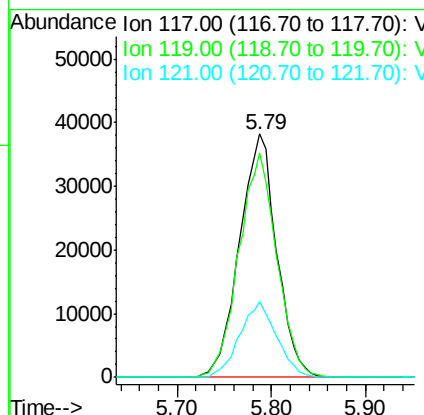
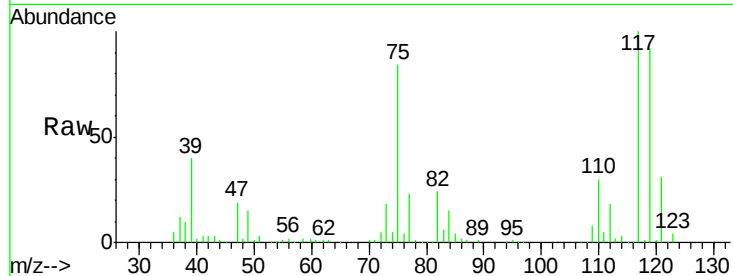
#33
Carbon Tetrachloride
Concen: 19.014 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	105205		
119	92.4	73.3	109.9	
121	31.3	23.6	35.4	

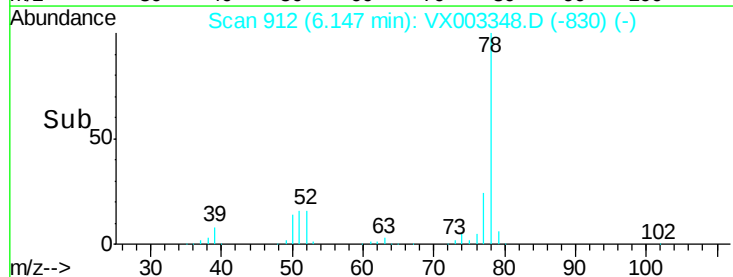
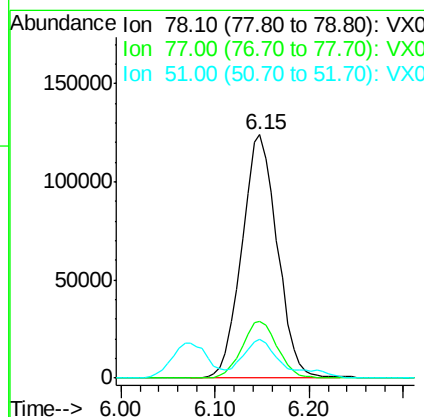
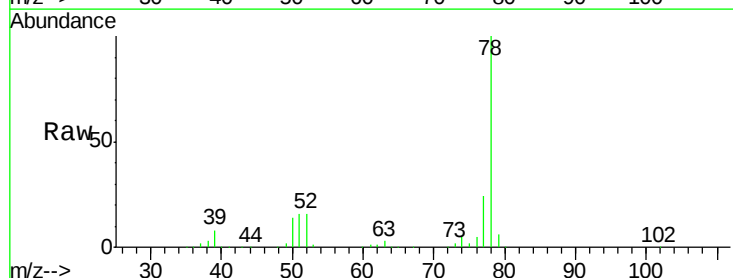
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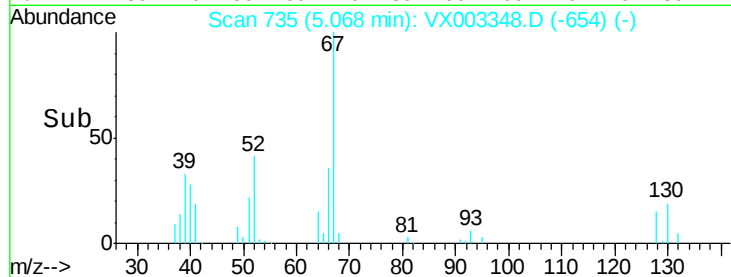
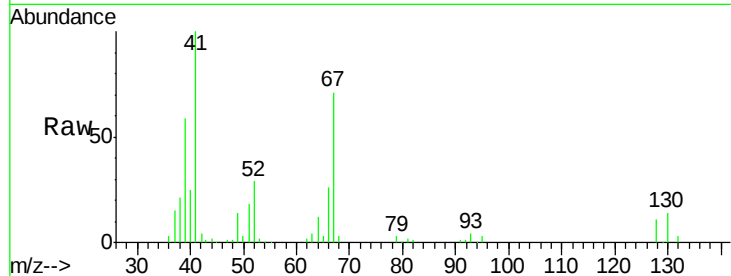
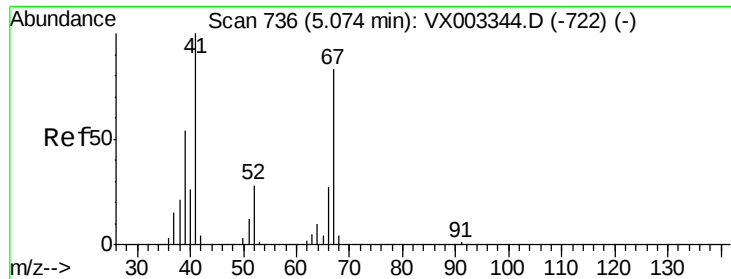
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#34
Benzene
Concen: 19.941 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	326997		
77	23.5	19.4	29.0	
51	15.2	13.8	20.6	





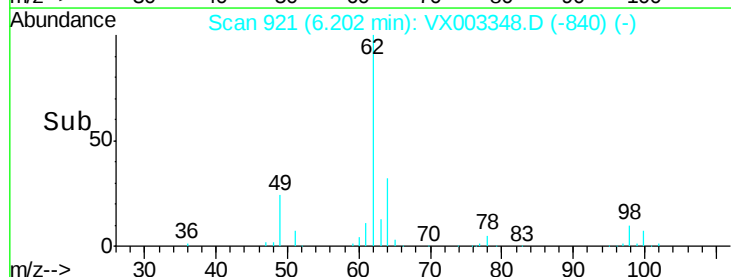
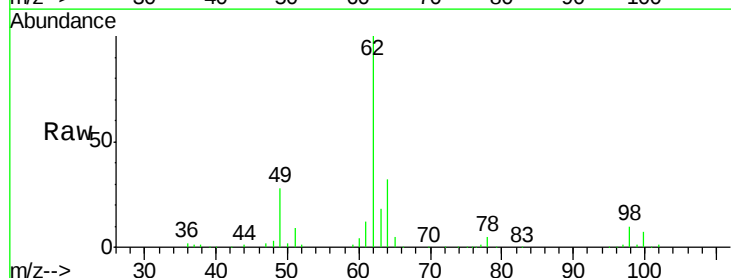
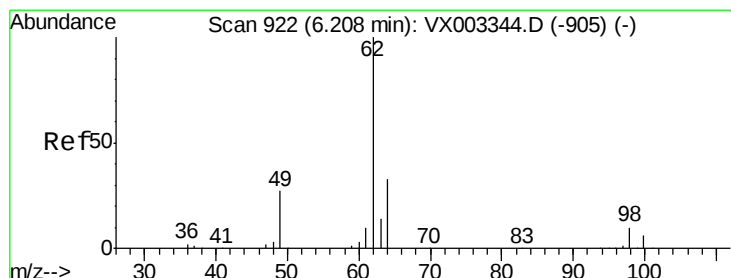
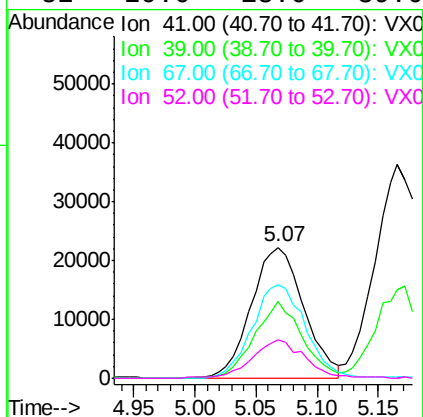
#35
Methacrylonitrile
Concen: 20.175 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		66415		
39	58.6	28.8	86.5		
67	71.2	30.4	91.2		
52	29.0	13.0	39.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

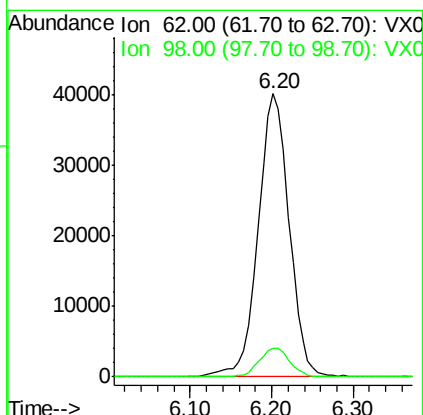
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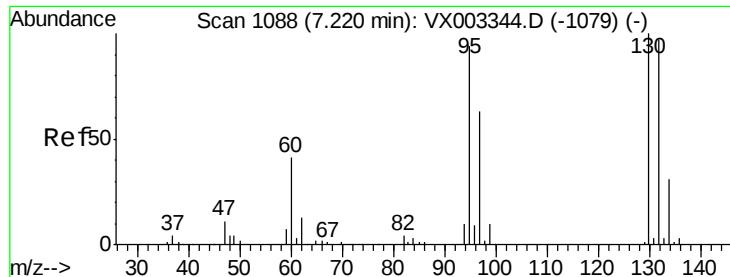
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#36
1,2-Dichloroethane
Concen: 18.640 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		106294		
98	10.1	6.5	9.7#		





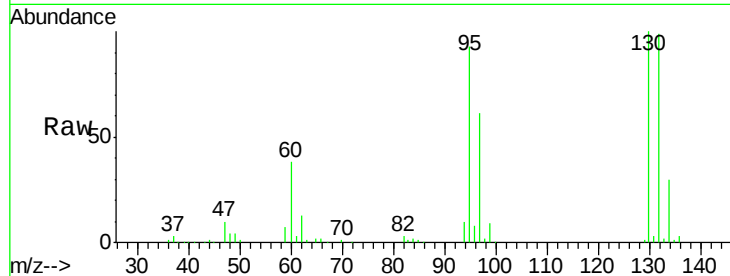
#37
 Trichloroethene
 Concen: 20.107 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

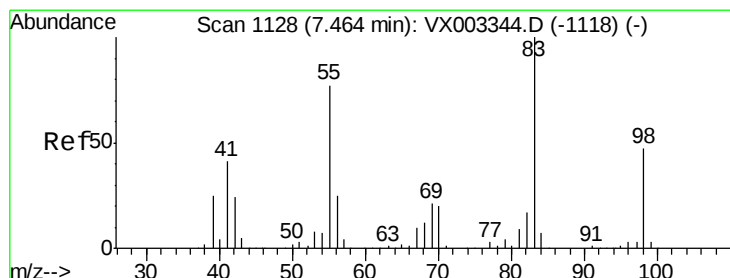
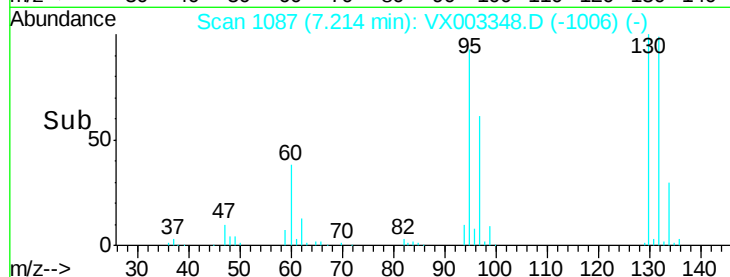
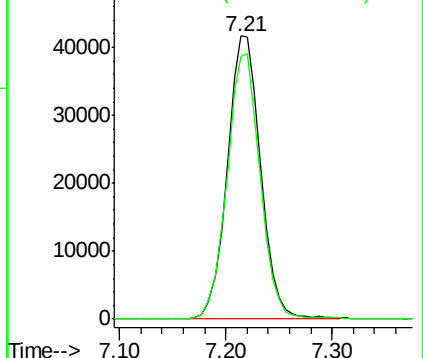
Tot Ion:130 Resp: 91181
 Ion Ratio Lower Upper
 130 100
 95 93.0 81.5 122.3

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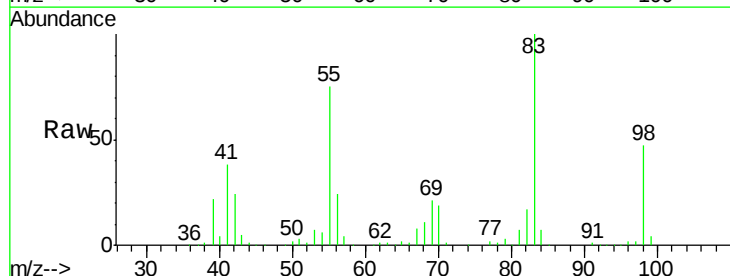


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

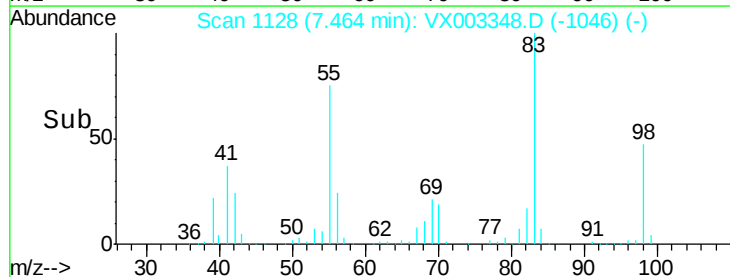
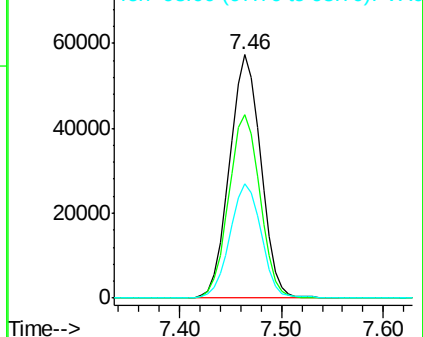


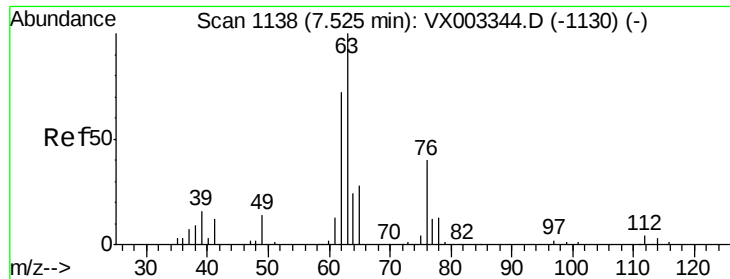
#38
 Methylcyclohexane
 Concen: 19.410 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion: 83 Resp: 122171
 Ion Ratio Lower Upper
 83 100
 55 75.1 40.6 121.8
 98 46.8 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





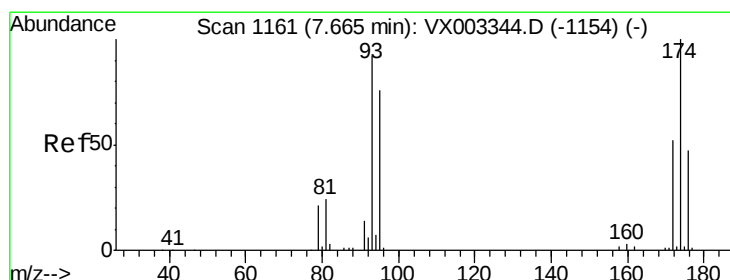
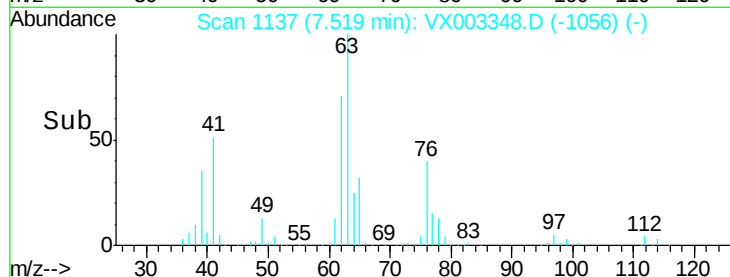
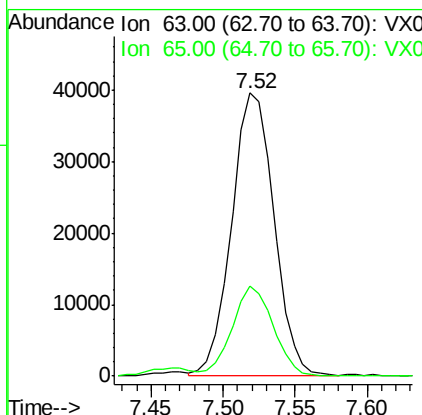
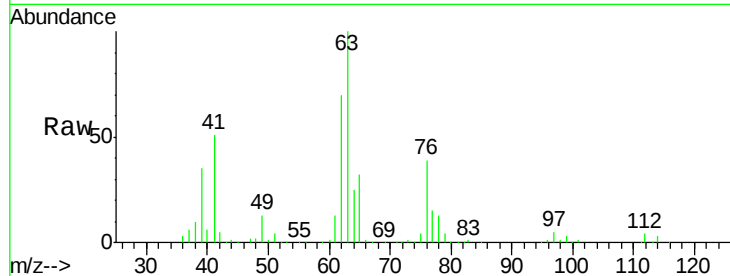
#39
 1,2-Dichloropropane
 Concen: 19.204 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.3	34.9

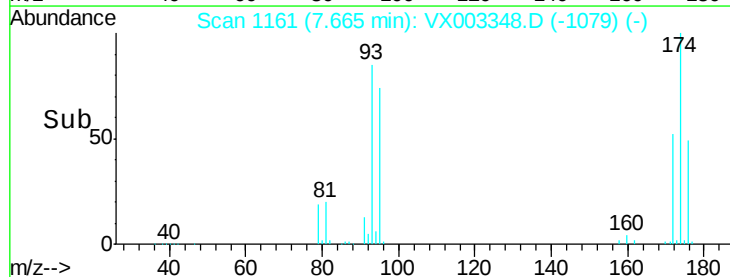
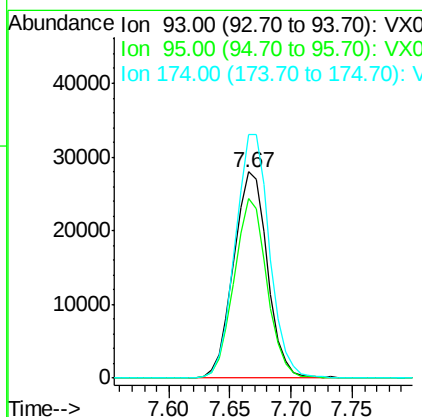
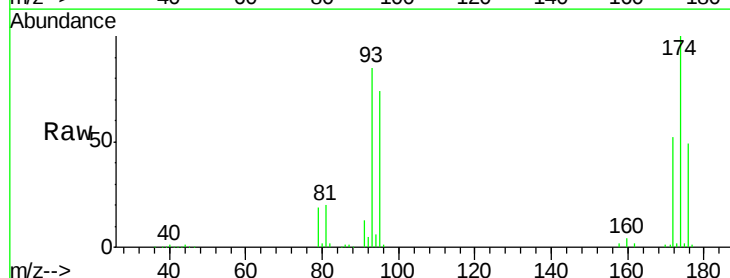
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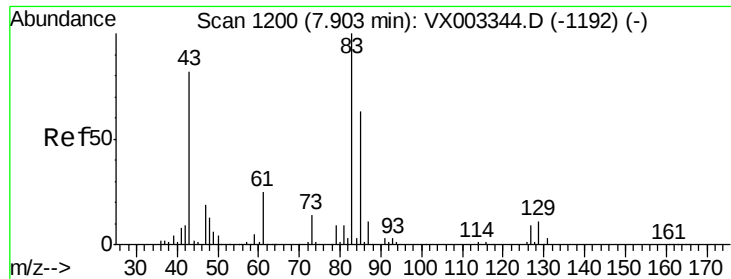
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#40
 Dibromomethane
 Concen: 19.277 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	0.0	162.6
174	119.8	0.0	229.4





#41

Bromodichloromethane

Concen: 18.525 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

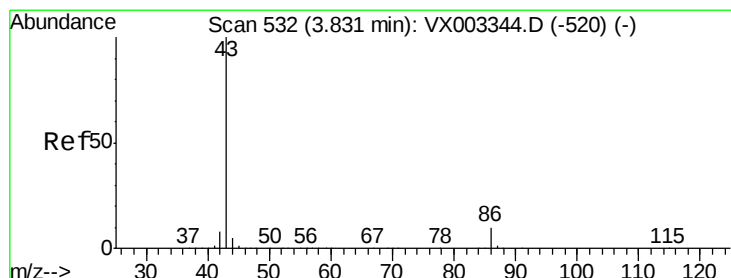
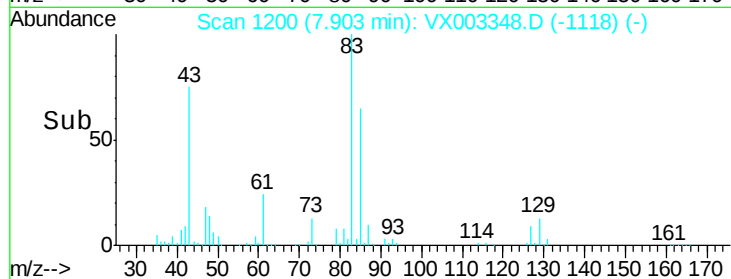
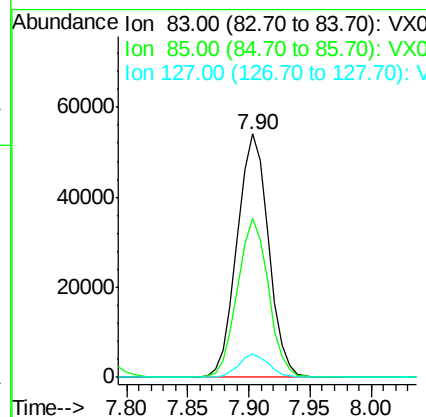
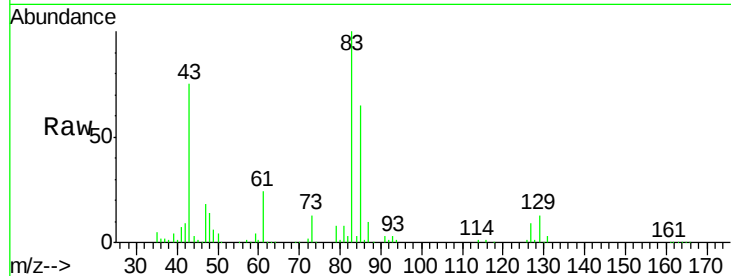
ClientSampleId :

VSTDICV020

Tot Ion:	83	Resp:	96321
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.8	74.8
127	9.4	7.3	10.9

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#42

Vinyl Acetate

Concen: 89.307 ug/l

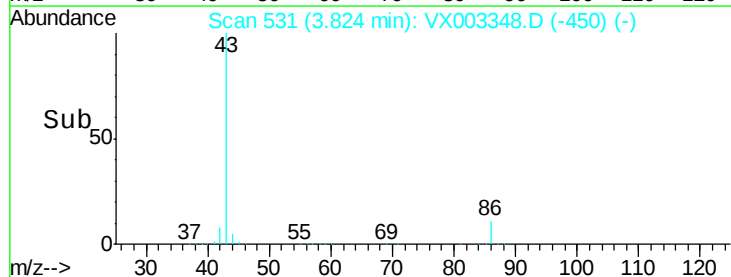
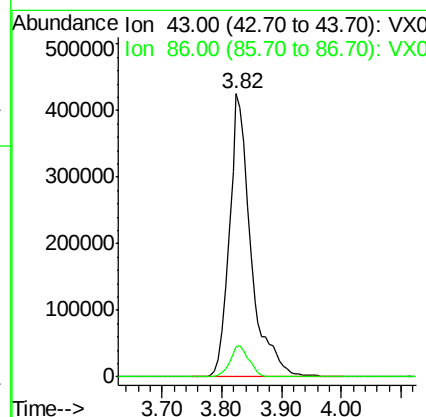
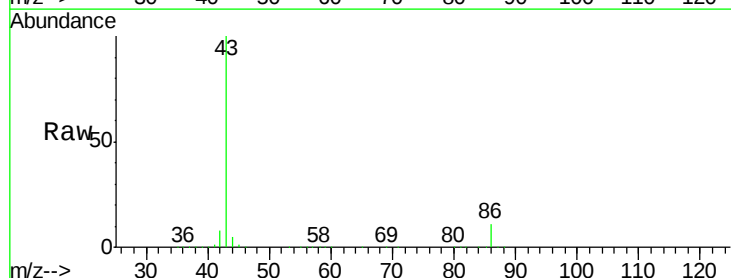
RT: 3.82 min Scan# 531

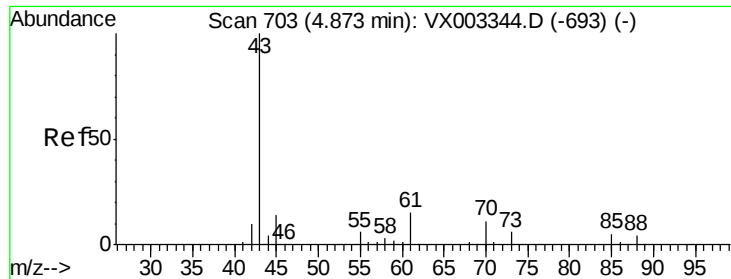
Delta R.T. -0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion:	43	Resp:	1067583
Ion	Ratio	Lower	Upper
43	100		
86	9.7	6.7	10.1





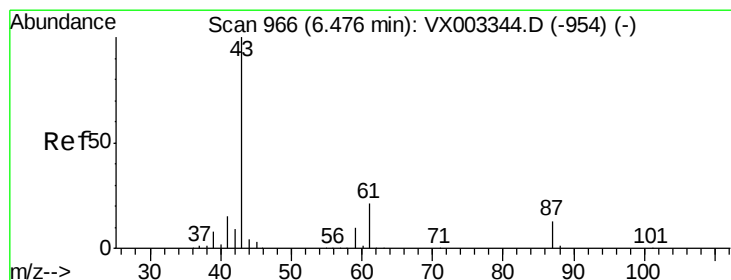
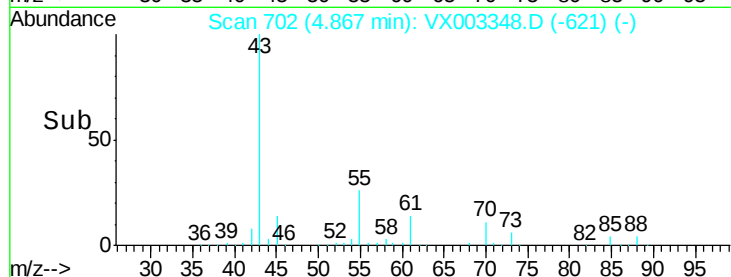
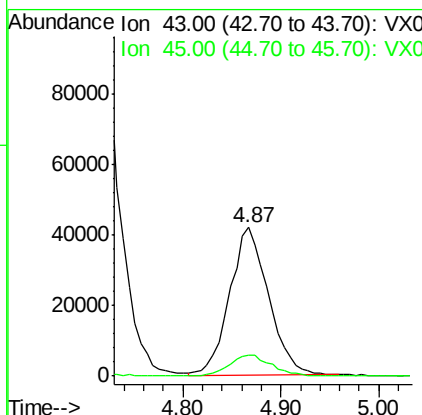
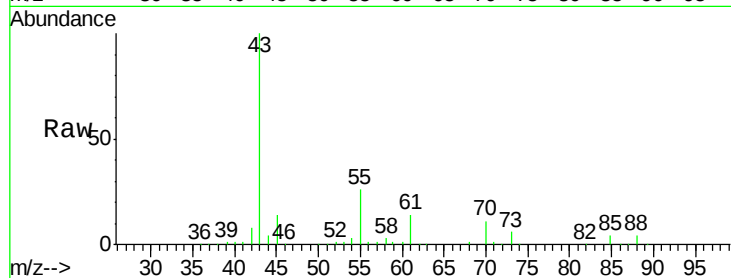
#43
Ethyl Acetate
Concen: 19.536 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
VSTDICV020

Tot Ion: 43 Resp: 115466
Ion Ratio Lower Upper
43 100
45 15.3 11.0 16.4

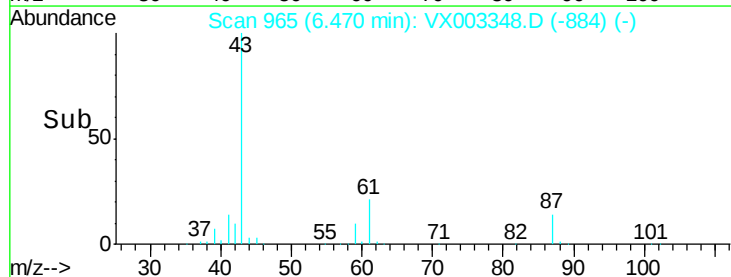
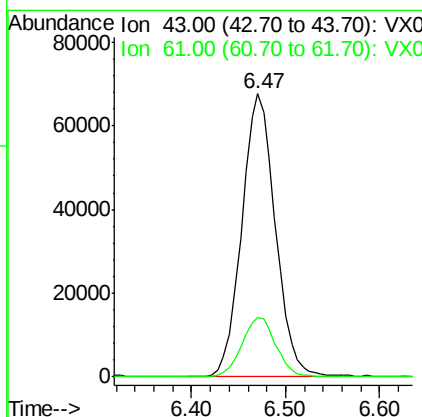
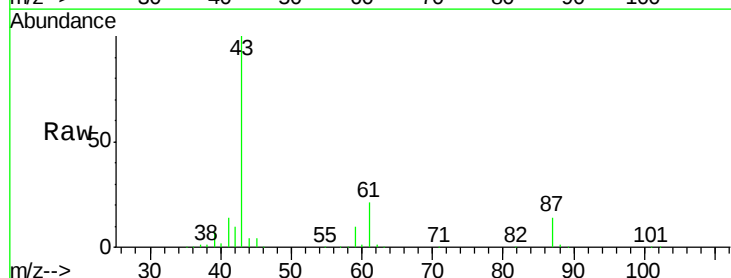
Manual Integrations
APPROVED

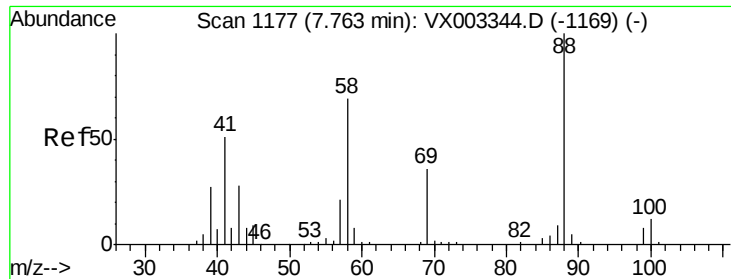
MMDadoda
7/13/2018 11:35:51 AM



#44
Isopropyl Acetate
Concen: 18.561 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion: 43 Resp: 168145
Ion Ratio Lower Upper
43 100
61 21.2 14.5 21.7





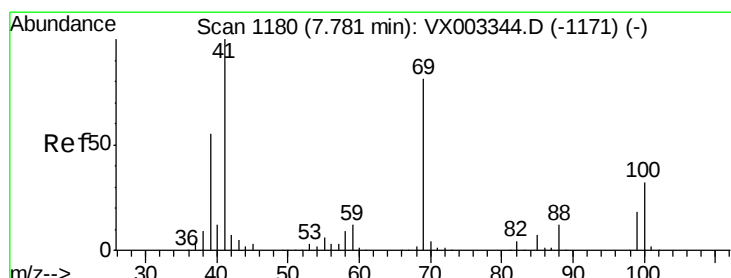
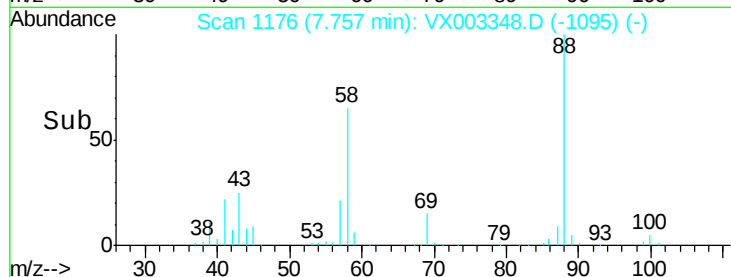
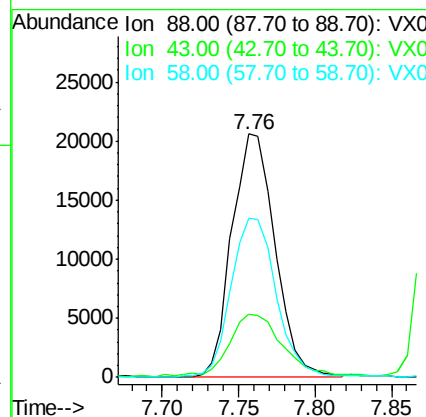
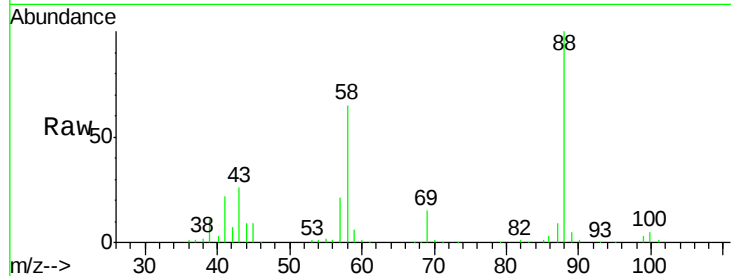
#45
1,4-Dioxane
Concen: 418.801 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	43.2	64.8#
58	68.5	60.2	90.2

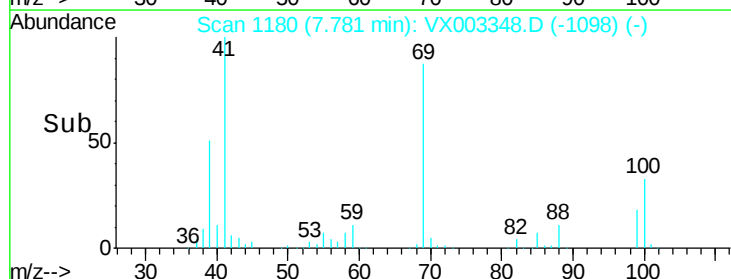
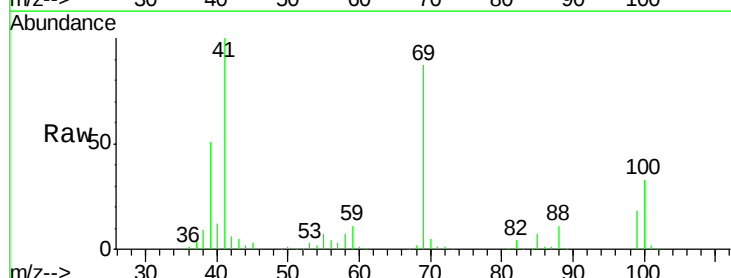
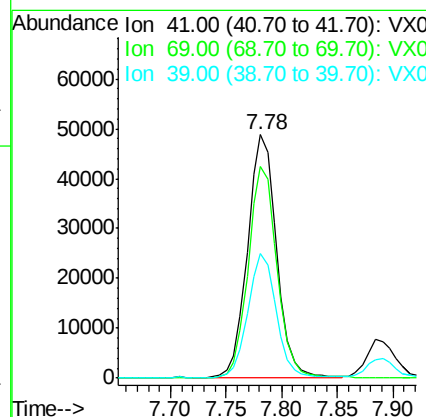
Manual Integrations
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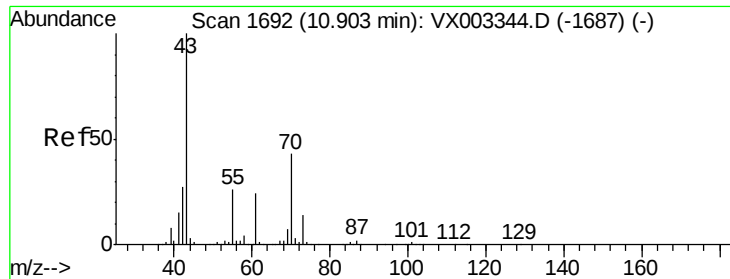
MMDadoda
7/13/2018 11:35:51 AM



#46
Methyl methacrylate
Concen: 18.778 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.2	37.0	110.9
39	51.1	29.6	88.9





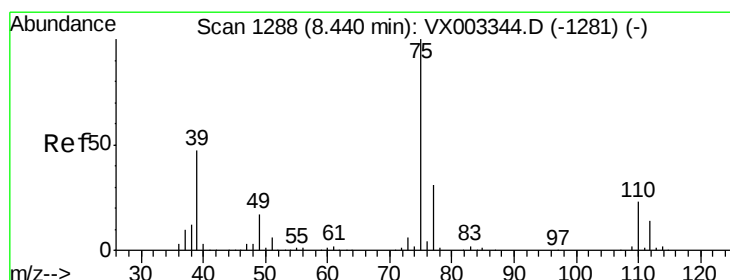
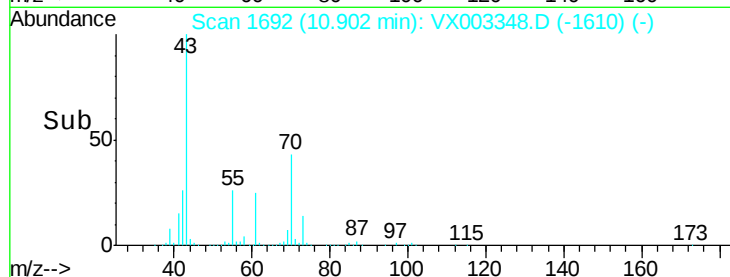
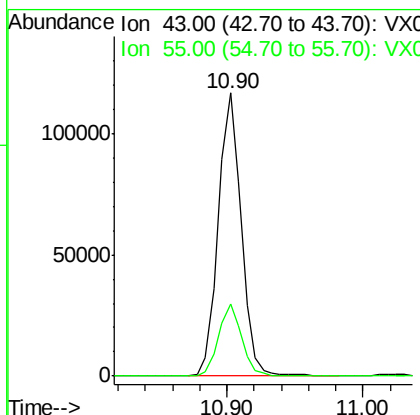
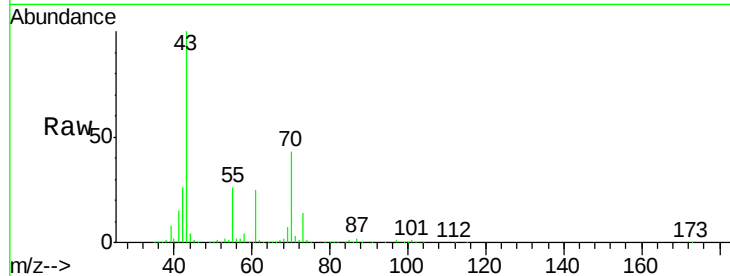
#47
n-amvl Acetate
Concen: 17.524 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion: 43 Resp: 136733
Ion Ratio Lower Upper
43 100
55 25.9 0.1 0.1#

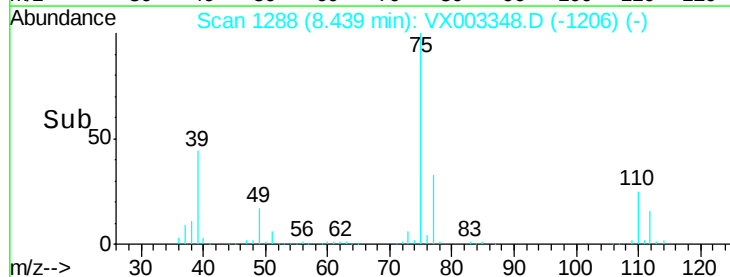
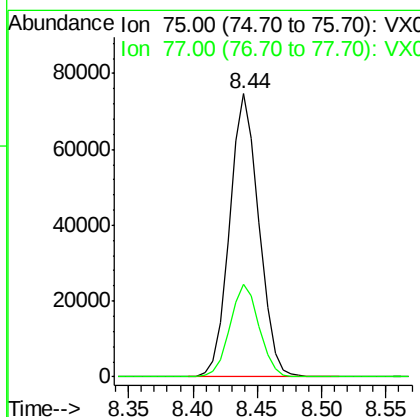
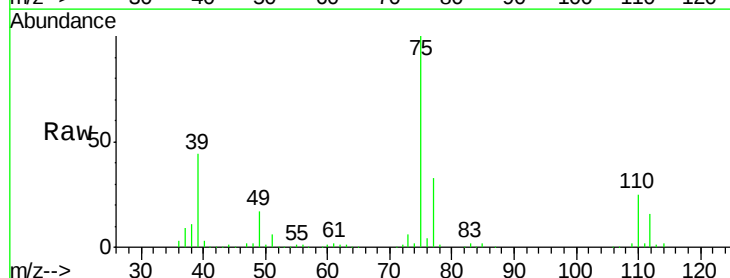
Manual Integrations
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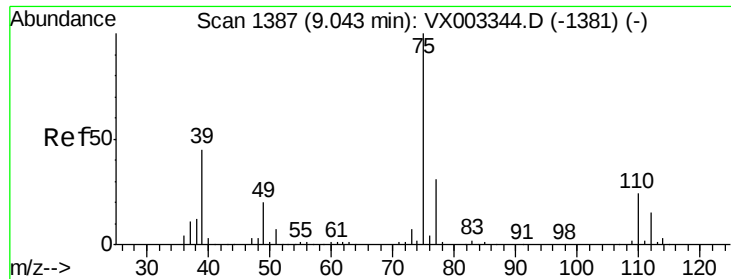
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.745 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion: 75 Resp: 118622
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4





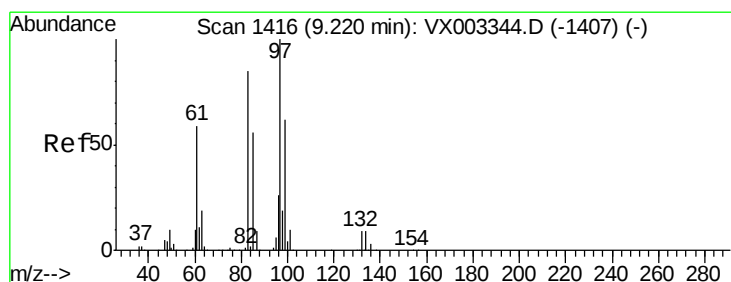
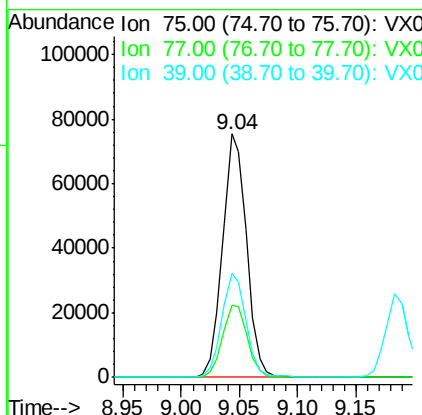
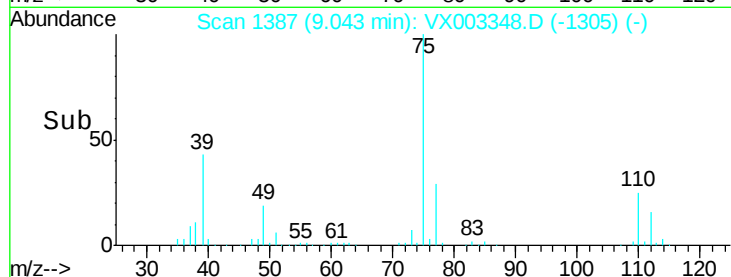
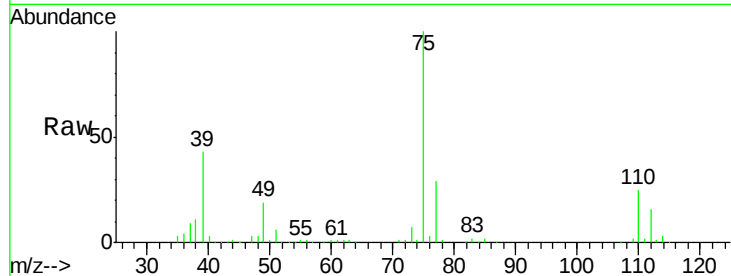
#49
 cis-1,3-Dichloropropene
 Concen: 18.768 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	29.4	25.4	38.2	
39	42.8	42.3	63.5	

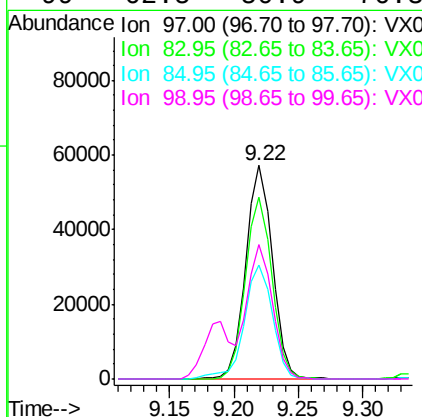
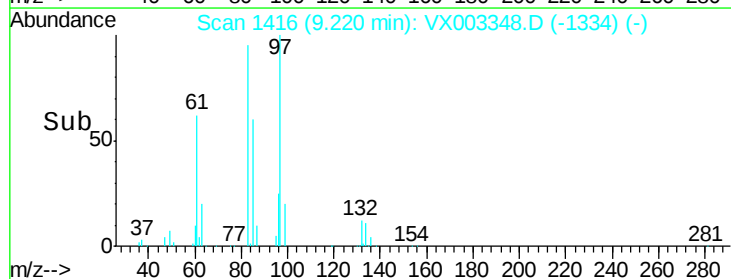
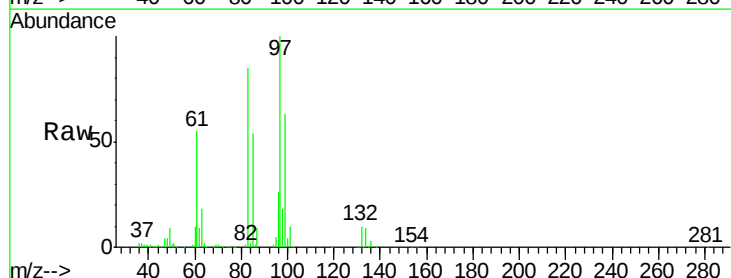
Manual Integrations
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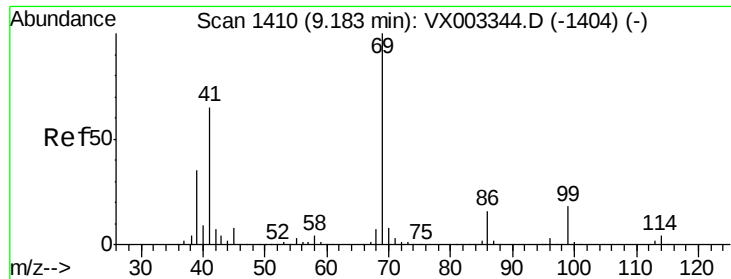
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 19.464 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	85.1	70.8	106.2	
85	53.4	43.5	65.3	
99	62.5	50.9	76.3	





#51

Ethyl methacrylate

Concen: 18.891 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

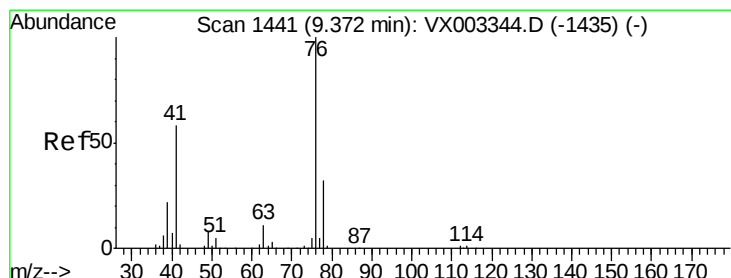
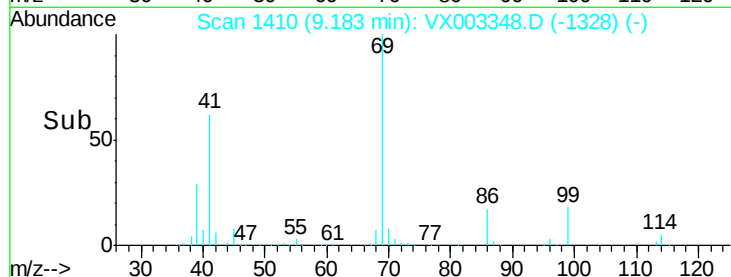
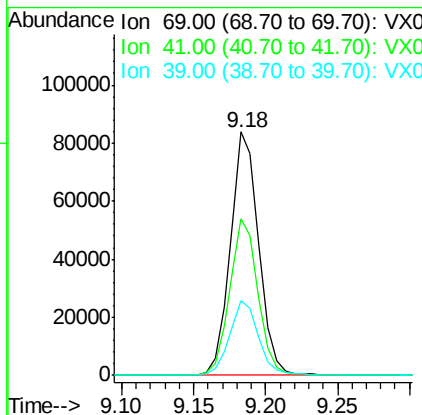
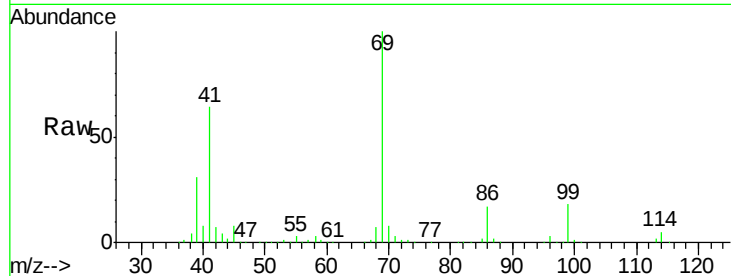
ClientSampleID :

VSTDICV020

Tot Ion:	69	Resp:	115543
Ion	Ratio	Lower	Upper
69	100		
41	64.3	39.1	117.3
39	30.5	21.7	65.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.281 ug/l

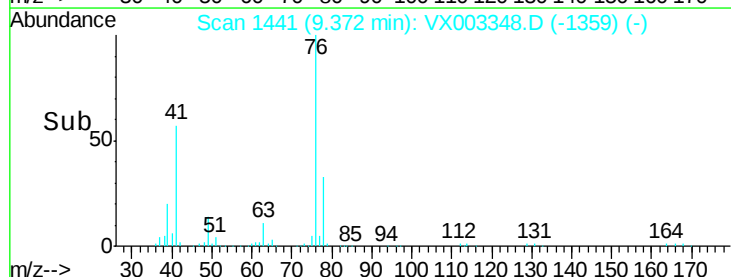
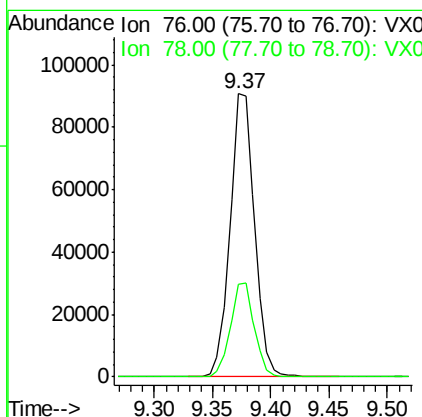
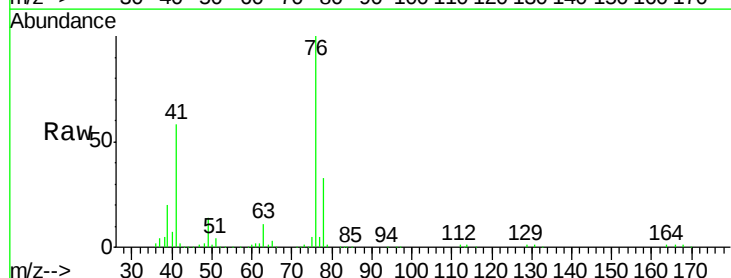
RT: 9.37 min Scan# 1441

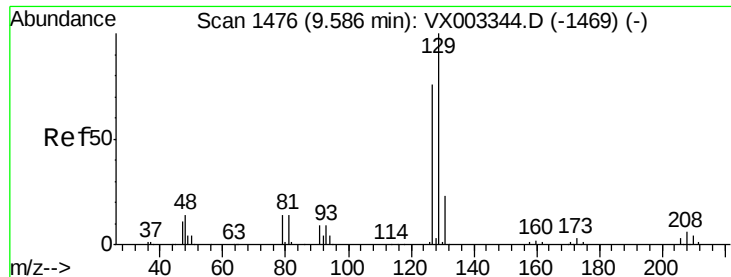
Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion:	76	Resp:	132908
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.4





#53

Dibromochloromethane

Concen: 18.494 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV020

Tot Ion:129 Resp: 77567

Ion Ratio Lower Upper

129 100

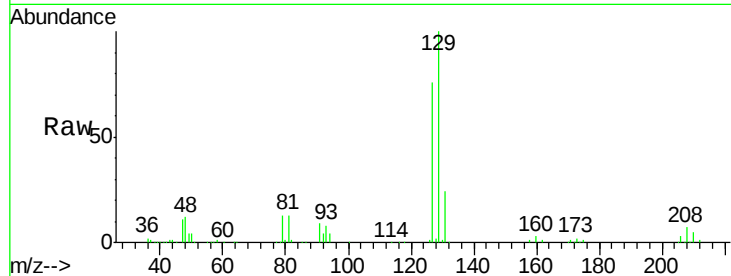
127 77.1 38.5 115.3

Manual Integrations

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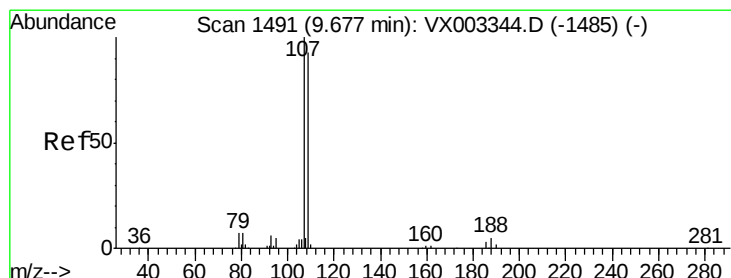
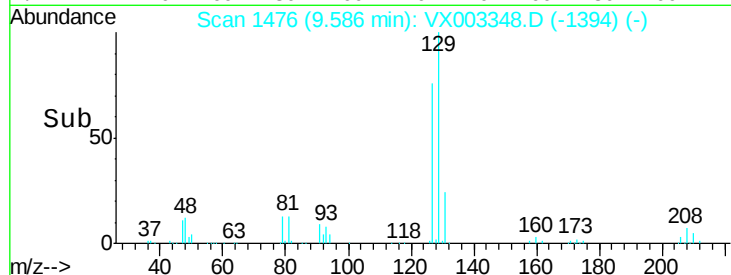
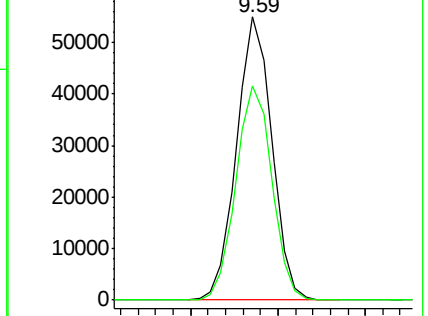
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.601 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003348.D

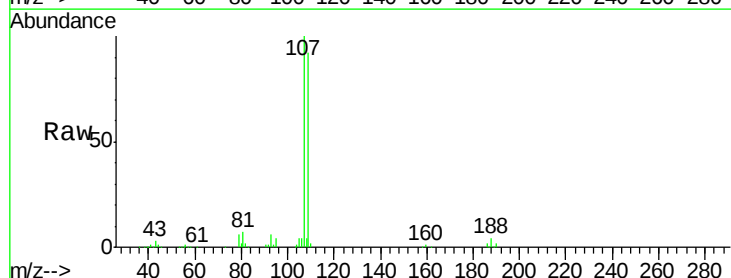
Acq: 12 Jul 2018 13:23

Tgt Ion:107 Resp: 85310

Ion Ratio Lower Upper

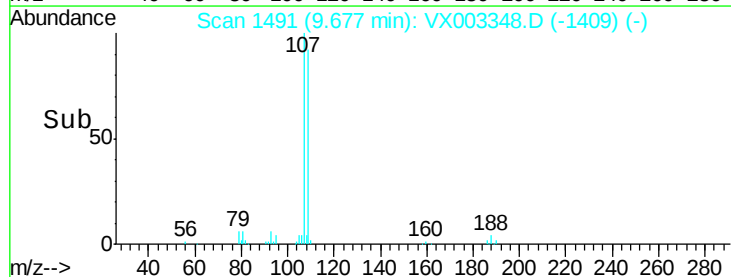
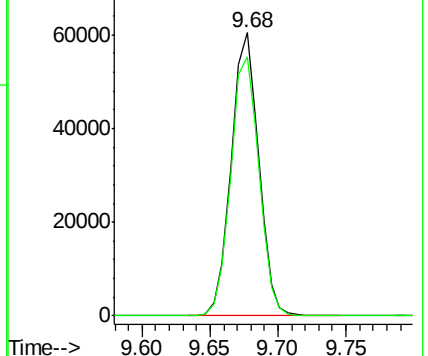
107 100

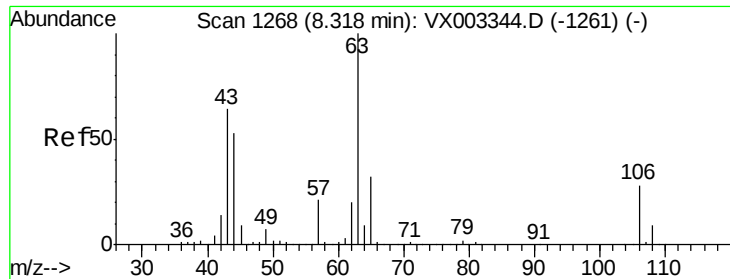
109 93.7 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 103.123 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV020

Tot Ion: 63 Resp: 297564

Ion Ratio Lower Upper

63 100

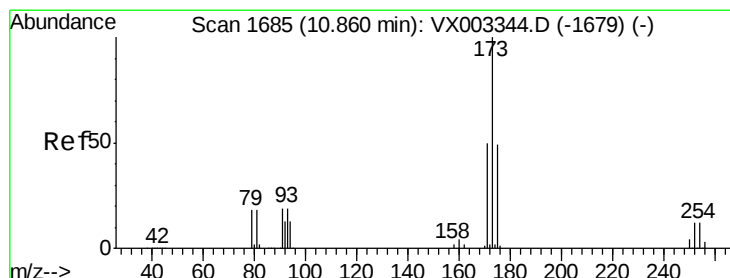
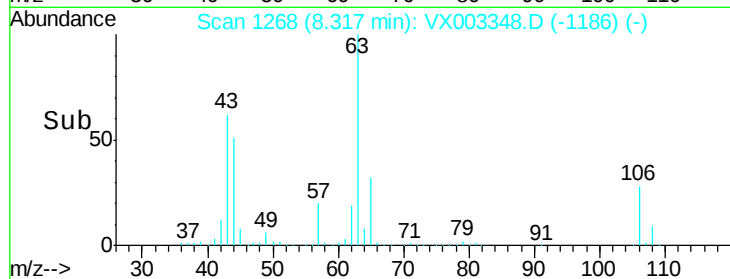
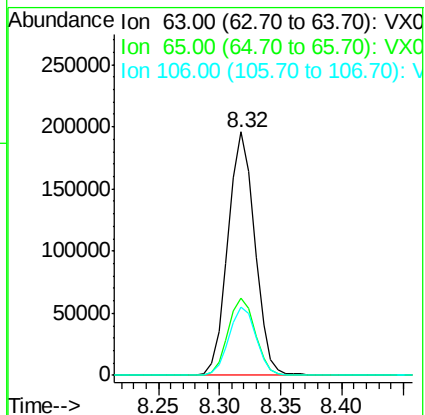
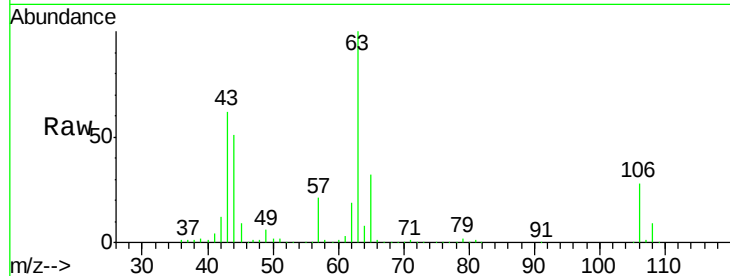
65 32.2 25.6 38.4

106 28.4 21.6 32.4

Manual Integrations
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#56

Bromoform

Concen: 17.659 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

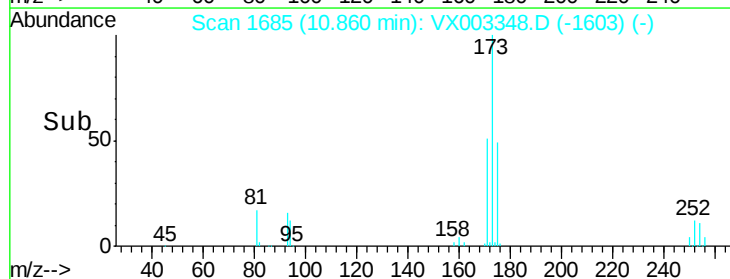
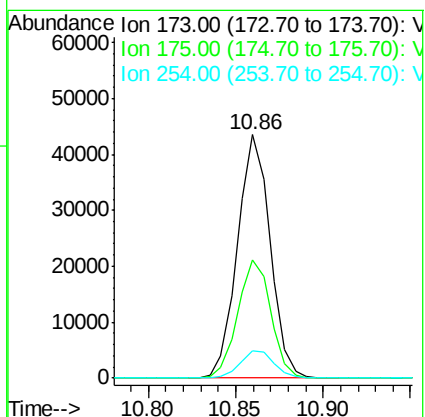
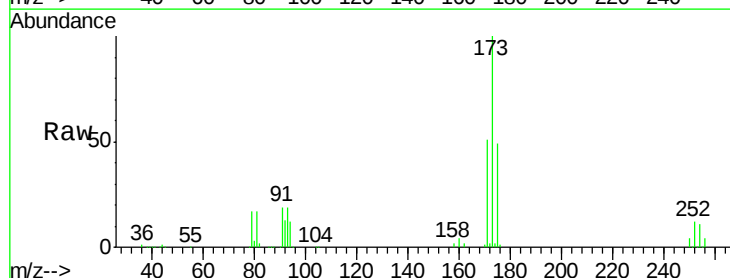
Tgt Ion: 173 Resp: 56631

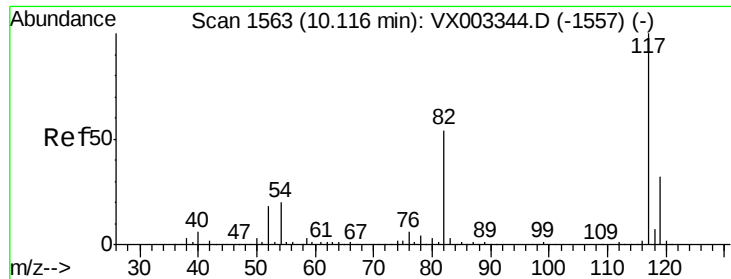
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 11.7 9.6 14.4





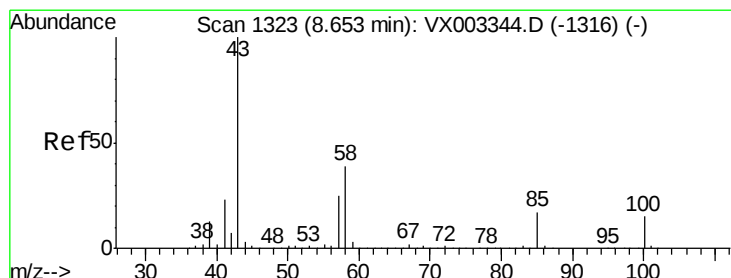
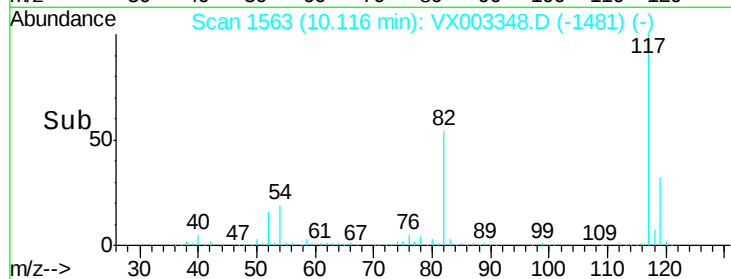
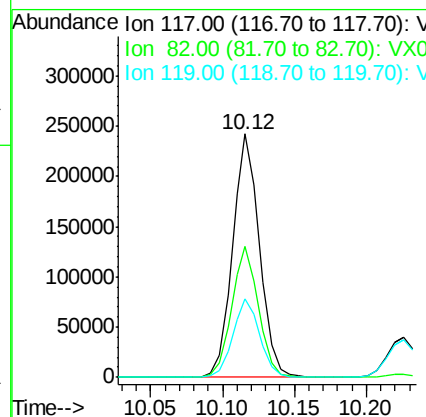
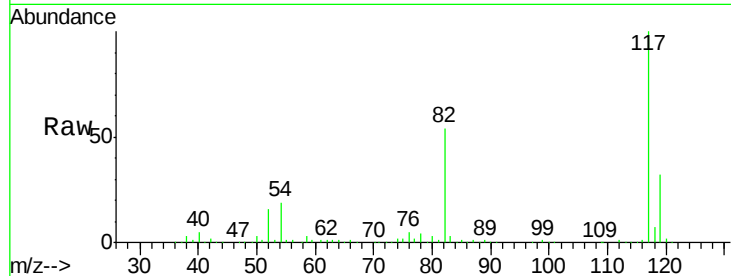
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.3	66.5
119	32.3	25.7	38.5

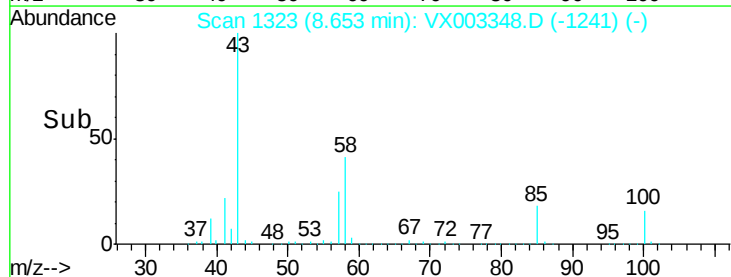
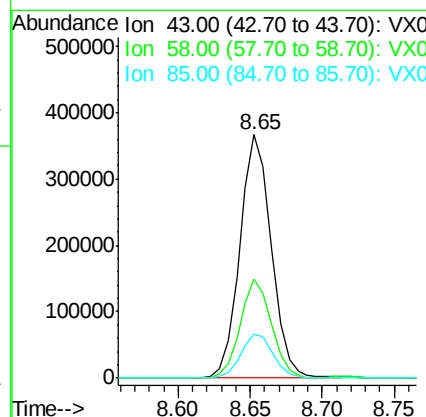
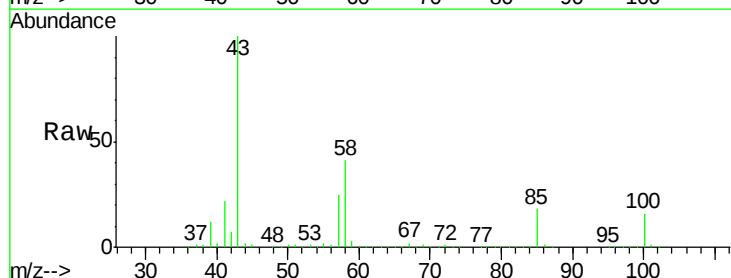
Manual Integrations
APPROVED

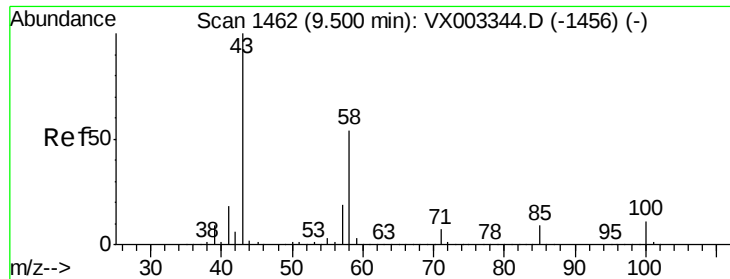
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#58
4-Methyl-2-Pentanone
Concen: 98.783 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	28.2	42.4
85	18.5	12.4	18.6





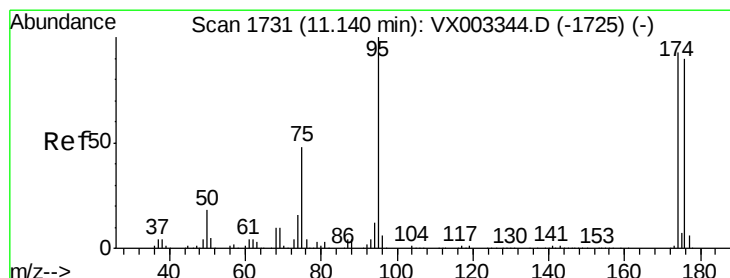
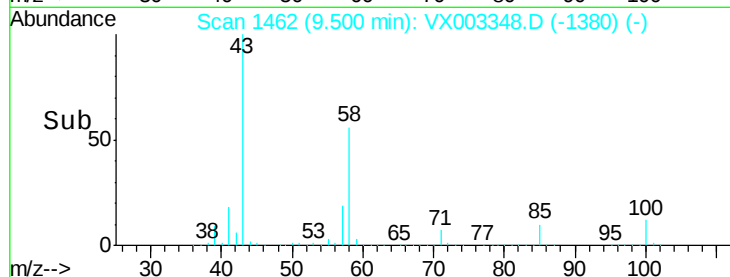
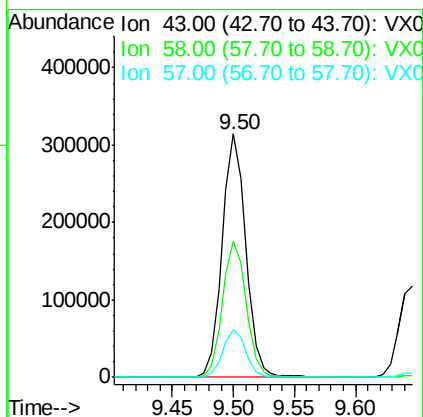
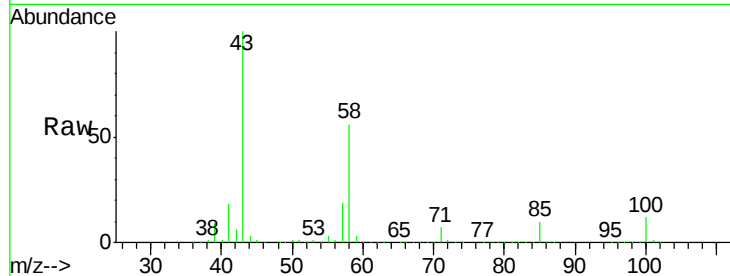
#59
2-Hexanone
Concen: 97.784 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampled :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	39.6	59.4
57	19.3	14.1	21.1

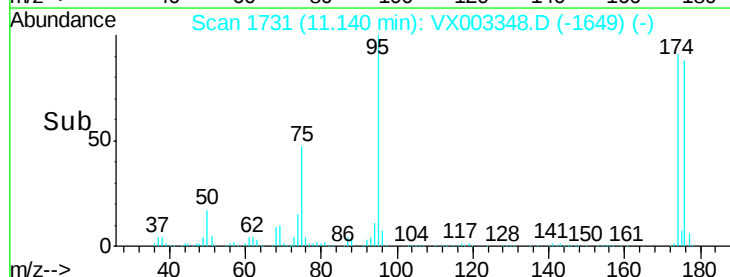
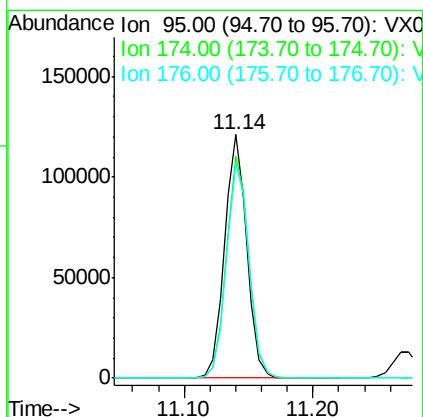
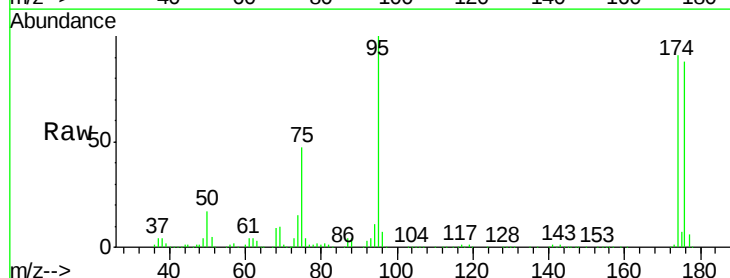
Manual Integrations
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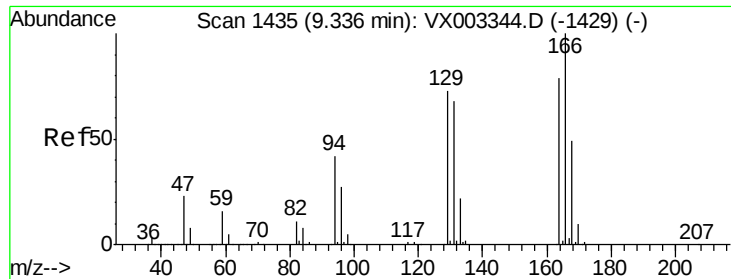
MMDadoda
7/13/2018 11:35:51 AM



#60
4-Bromofluorobenzene
Concen: 28.794 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.5	71.8	107.6
176	89.8	70.1	105.1





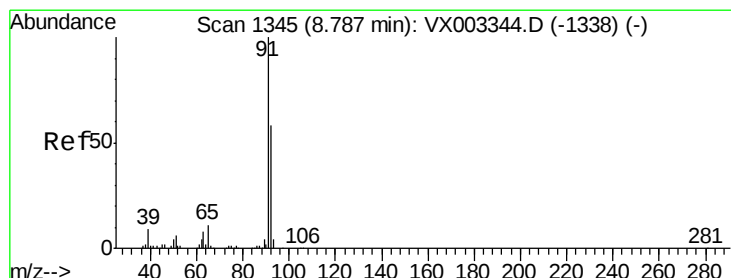
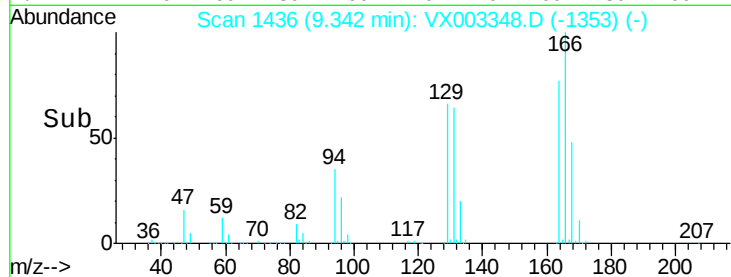
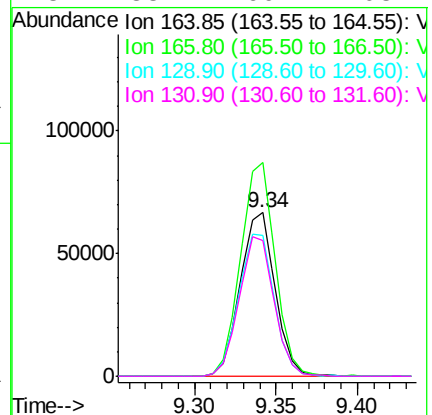
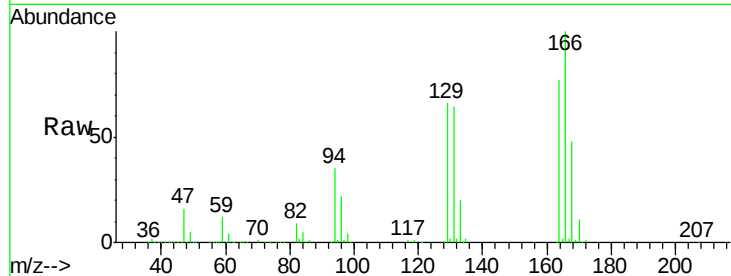
#61
Tetrachloroethene
Concen: 20.572 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.7	102.4	153.6
129	86.2	70.1	105.1
131	83.2	69.1	103.7

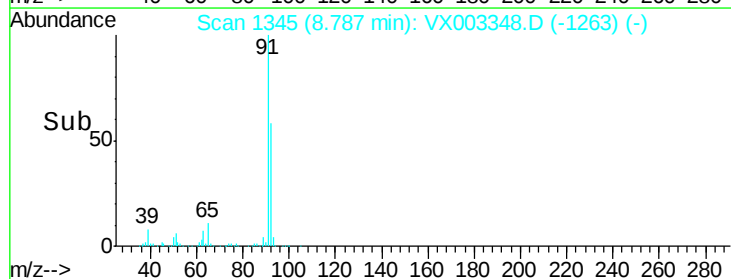
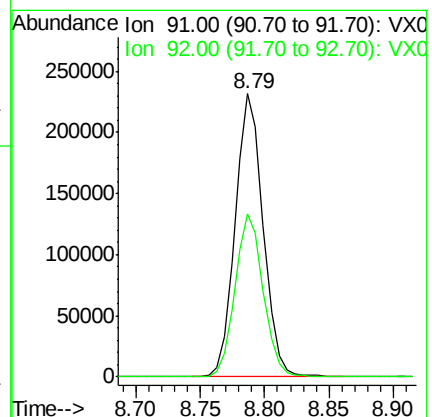
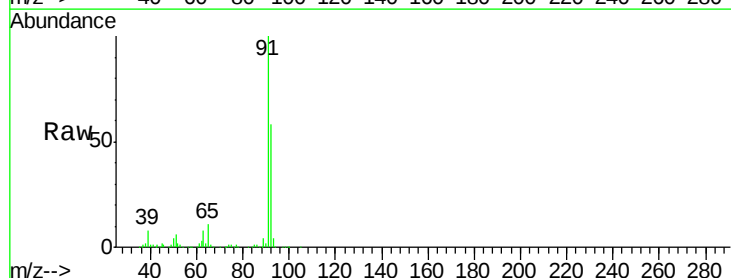
Manual Integrations
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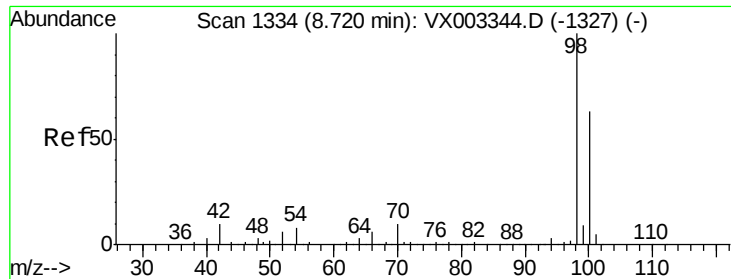
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#62
Toluene
Concen: 20.302 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.0	46.5	69.7





#63

Toluene-d8

Concen: 30.517 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV020

Tot Ion: 98 Resp: 427212

Ion Ratio Lower Upper

98 100

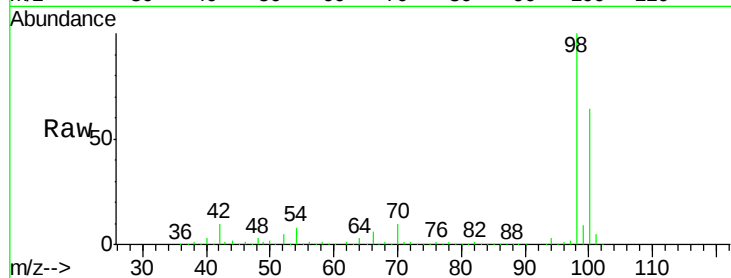
100 63.6 50.8 76.2

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Abundance Ion 98.00 (97.70 to 98.70): VX003344.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX003344.D (-1327) (-)

8.72

300000

250000

200000

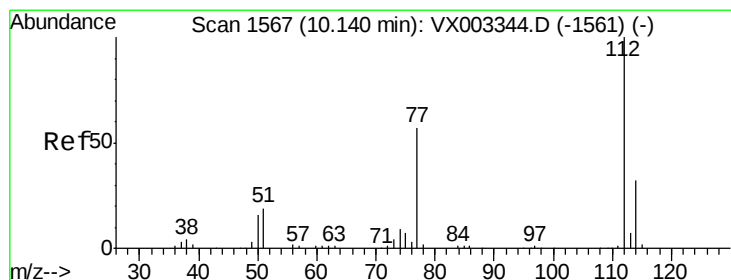
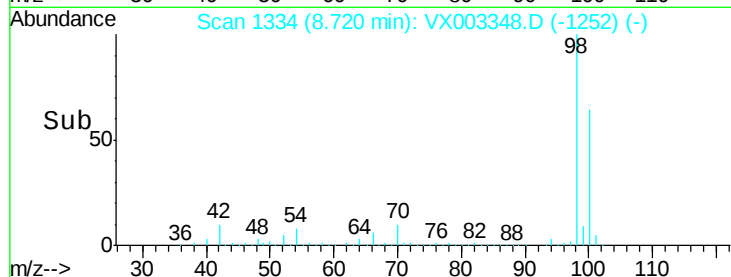
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#64

Chlorobenzene

Concen: 19.969 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003348.D

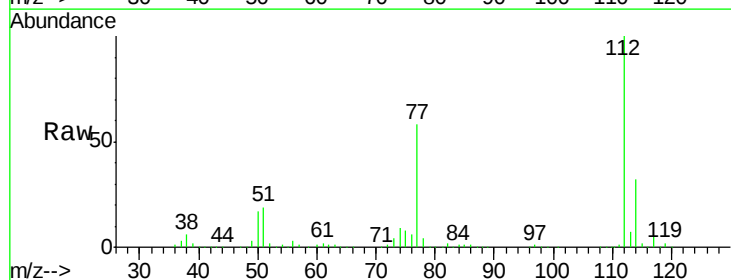
Acq: 12 Jul 2018 13:23

Tgt Ion: 112 Resp: 228447

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX003344.D (-1561) (-)

Ion 114.00 (113.70 to 114.70): VX003344.D (-1561) (-)

10.14

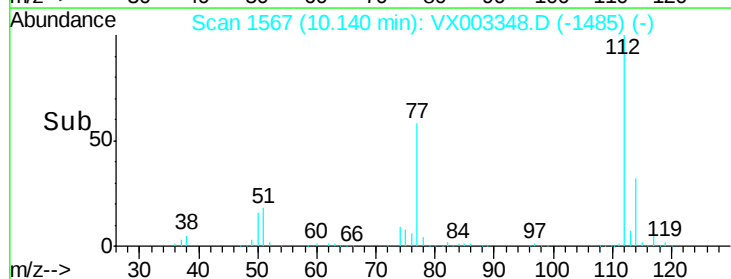
150000

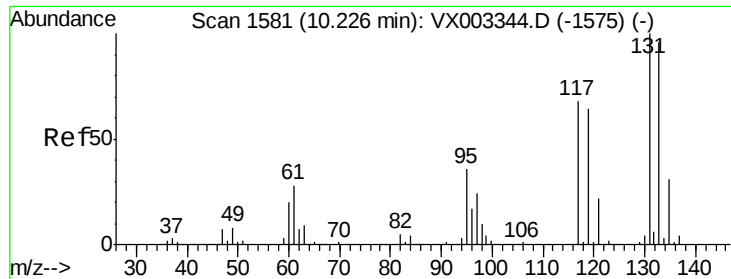
100000

50000

0

Time--> 10.10 10.20





#65

1,1,1,2-Tetrachloroethane

Concen: 19.617 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

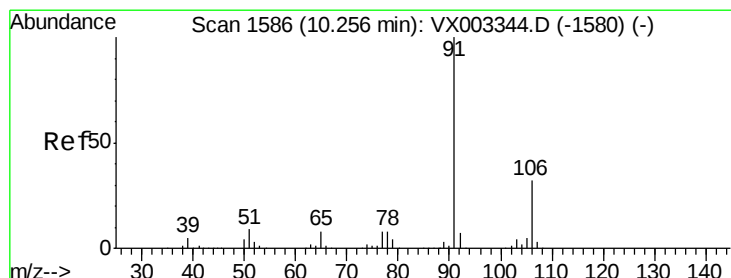
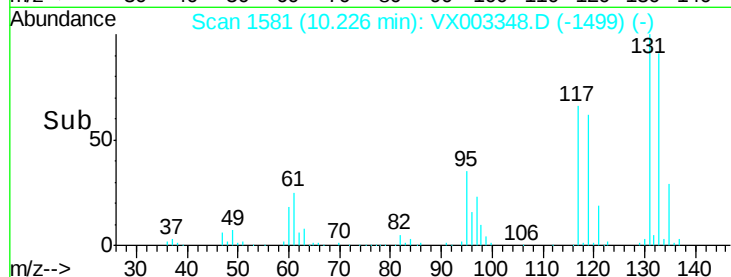
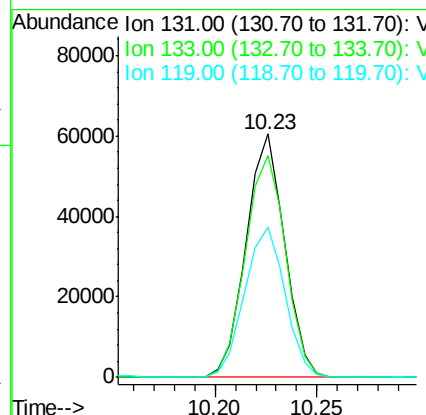
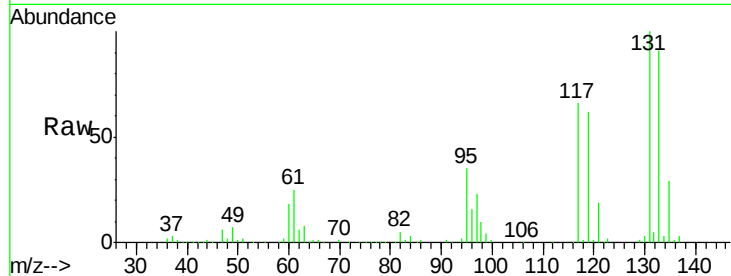
ClientSampleId :

VSTDICV020

Tot Ion:	131	Resp:	79604
Ion Ratio	Lower	Upper	
131	100		
133	95.1	0.0	191.2
119	64.1	0.0	125.4

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#66

Ethyl Benzene

Concen: 19.826 ug/l

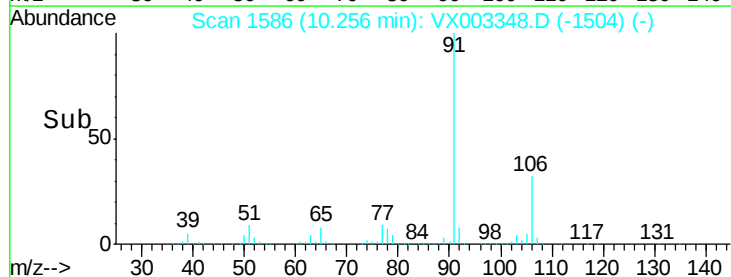
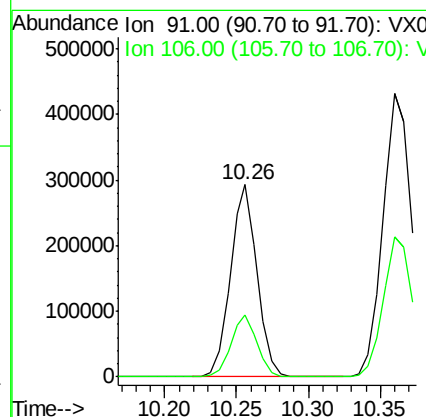
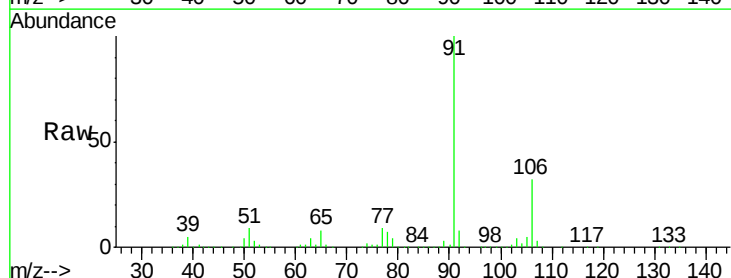
RT: 10.26 min Scan# 1586

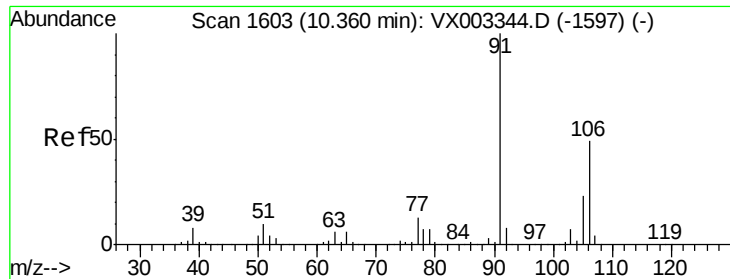
Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion:	91	Resp:	378493
Ion Ratio	Lower	Upper	
91	100		
106	32.0	25.2	37.8





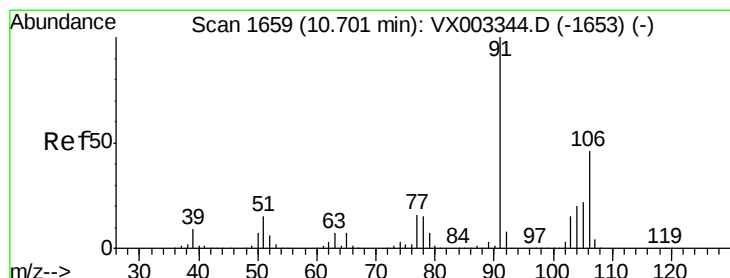
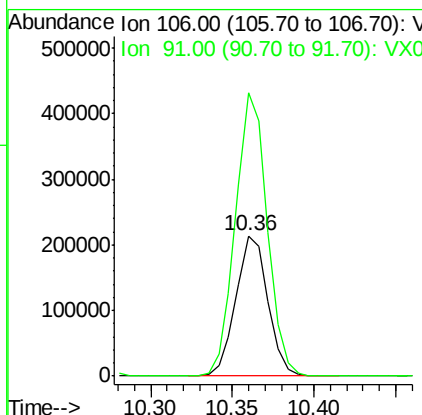
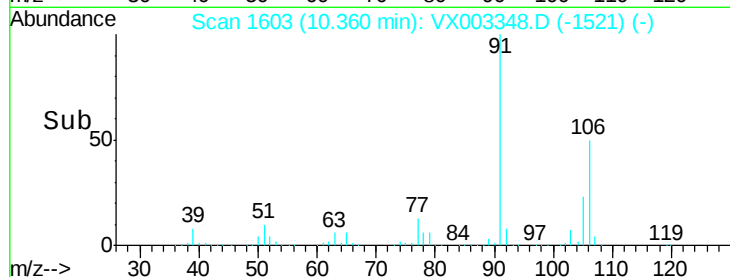
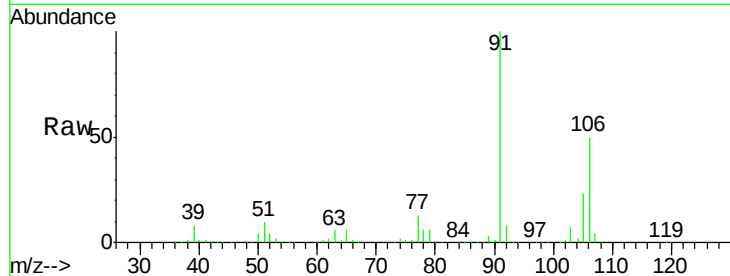
#67
m/p-Xvlenes
Concen: 39.313 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion:106 Resp: 292030
Ion Ratio Lower Upper
106 100
91 200.5 164.1 246.1

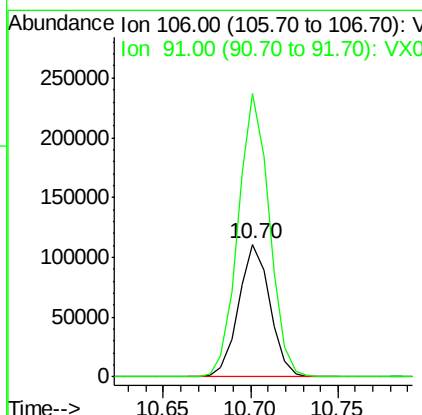
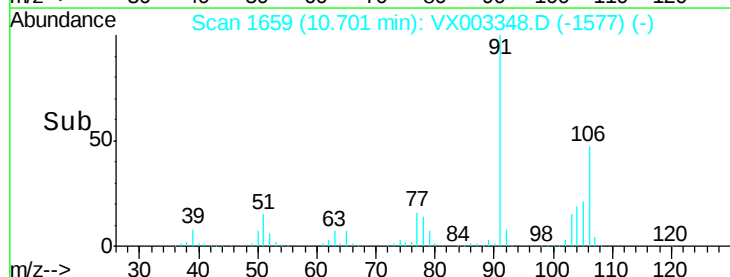
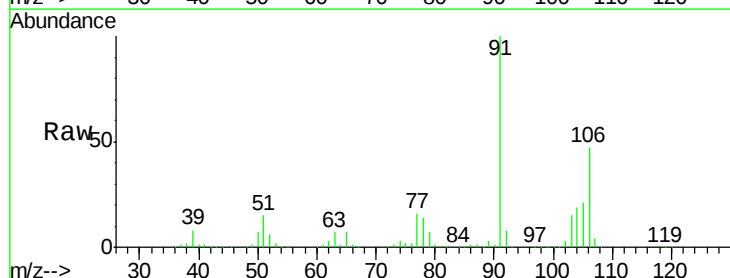
Manual Integrations
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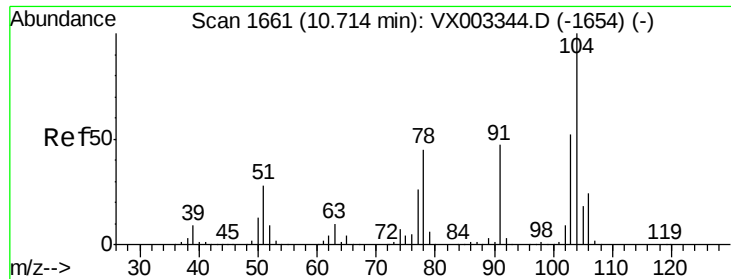
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#68
o-Xylene
Concen: 19.288 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion:106 Resp: 137857
Ion Ratio Lower Upper
106 100
91 212.6 109.1 327.3





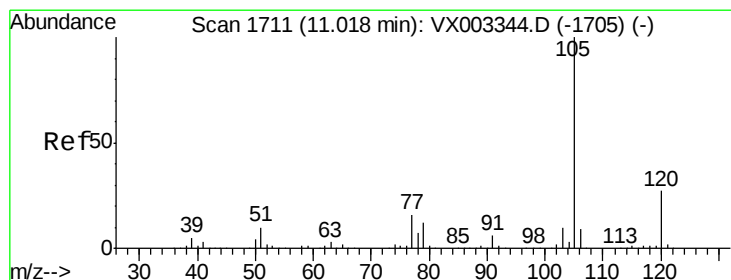
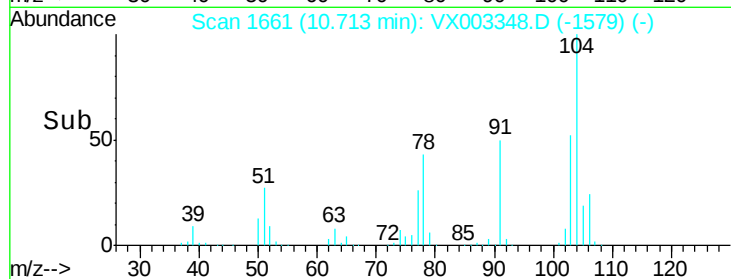
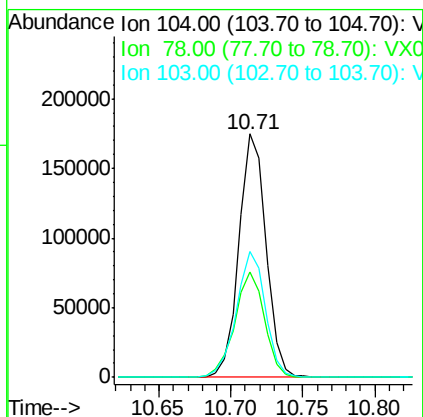
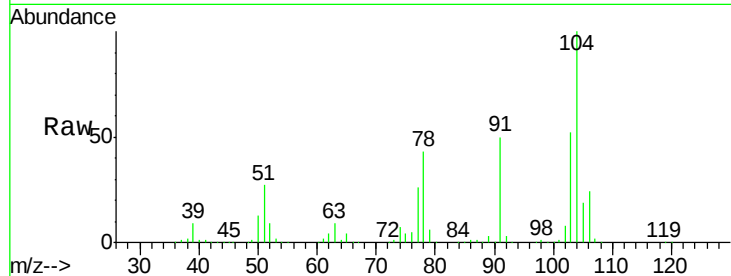
#69
Stvrene
Concen: 19.267 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	41.8	62.8
103	55.8	44.9	67.3

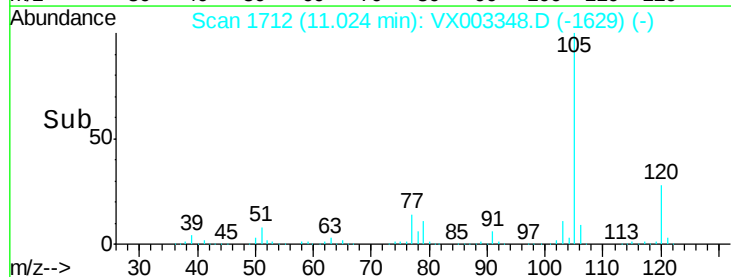
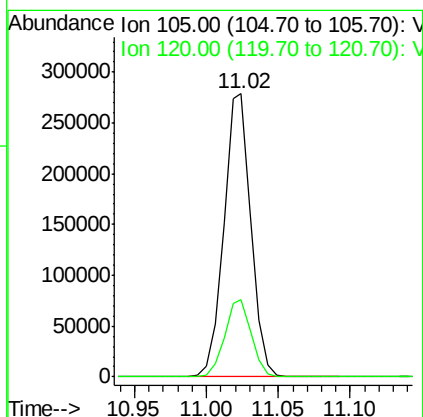
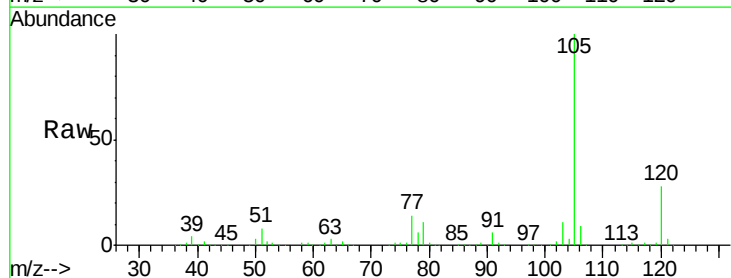
Manual Integrations
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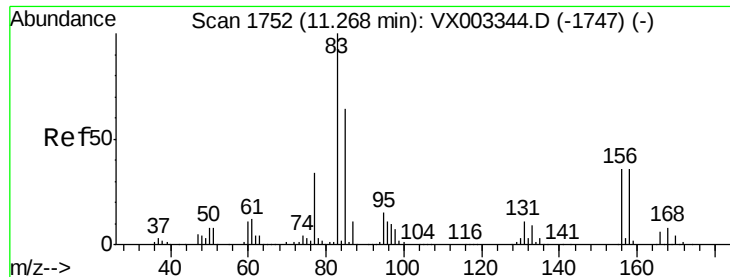
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#70
Isopropylbenzene
Concen: 19.322 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.0	35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 19.151 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

VSTDICV020

Tot Ion: 83 Resp: 113827
Ion Ratio Lower Upper

83 100

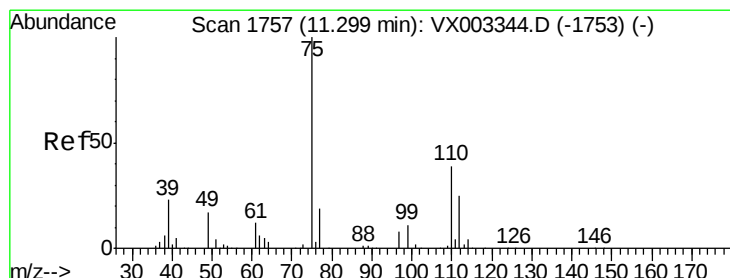
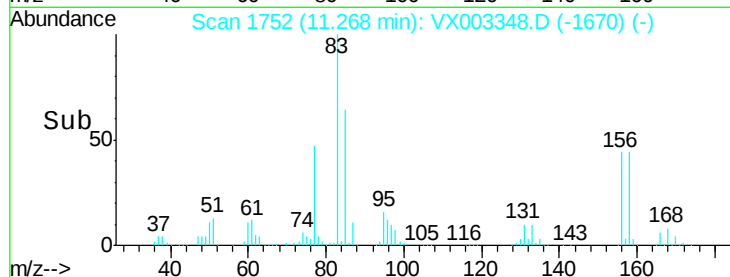
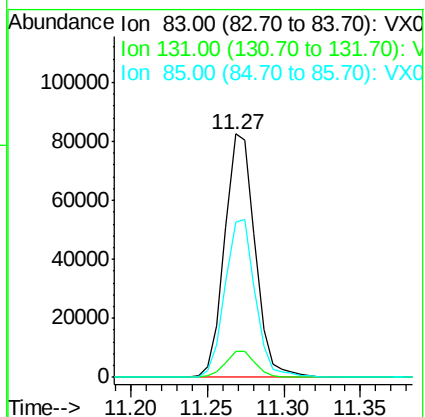
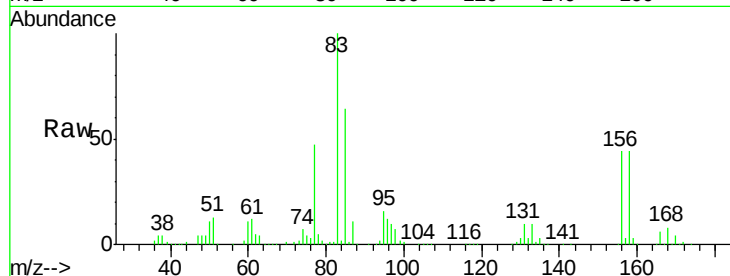
131 10.6 5.4 16.2

85 64.5 32.4 97.2

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#72

1,2,3-Trichloropropane

Concen: 14.363 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

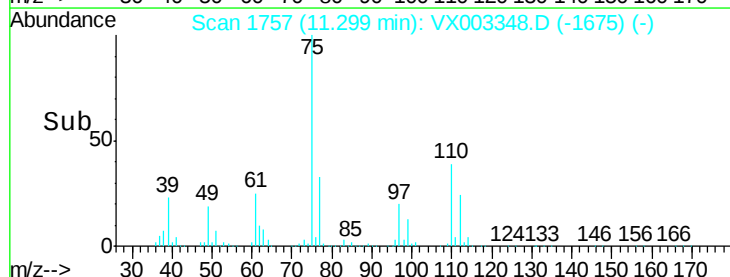
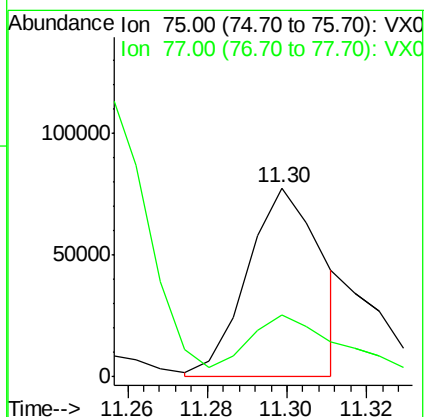
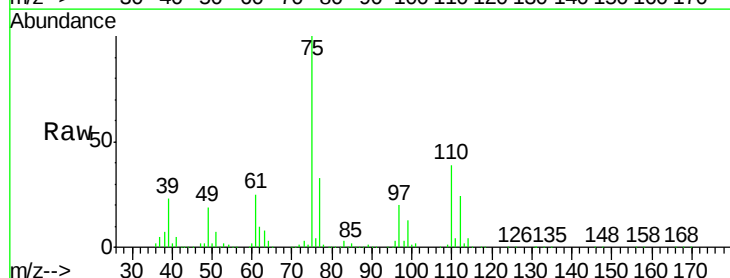
Lab File: VX003348.D

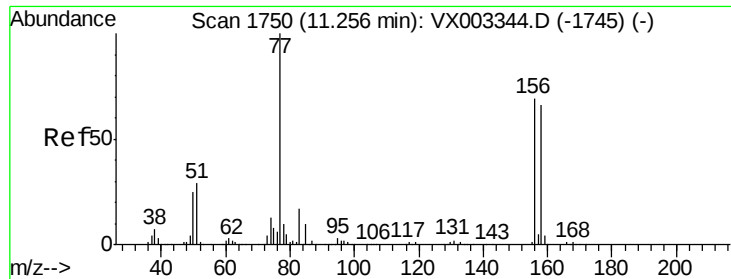
Acq: 12 Jul 2018 13:23

Tgt Ion: 75 Resp: 99848
Ion Ratio Lower Upper

75 100

77 41.6 0.0 71.8





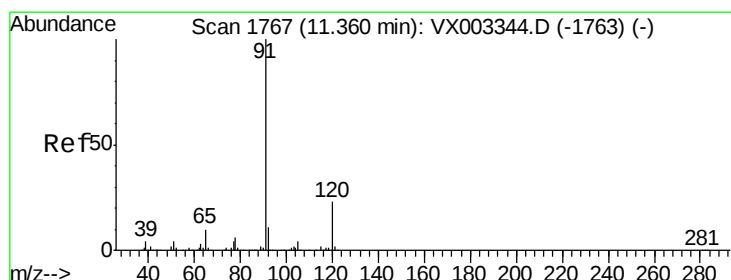
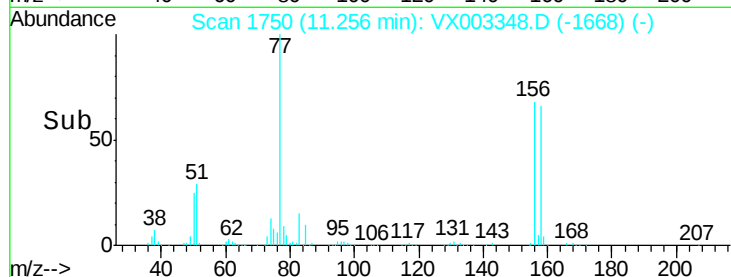
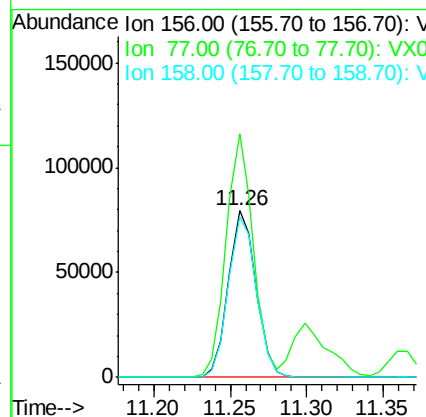
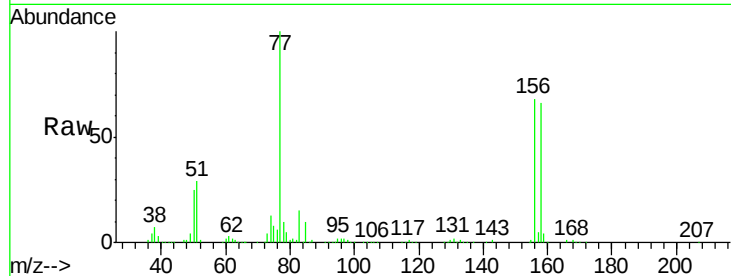
#73
Bromobenzene
Concen: 18.901 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		99568		
77	142.9	0.0	301.0		
158	97.7	0.0	196.2		

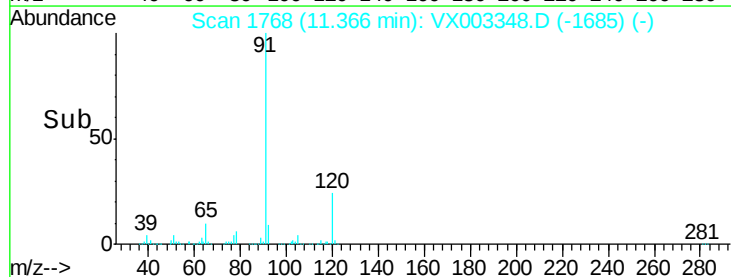
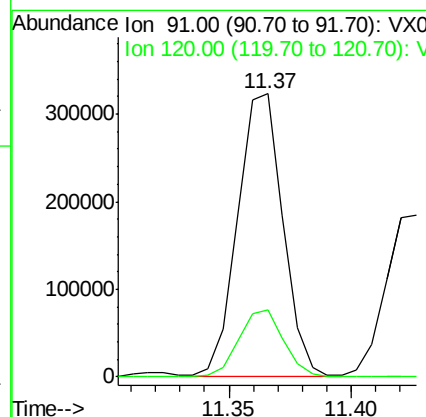
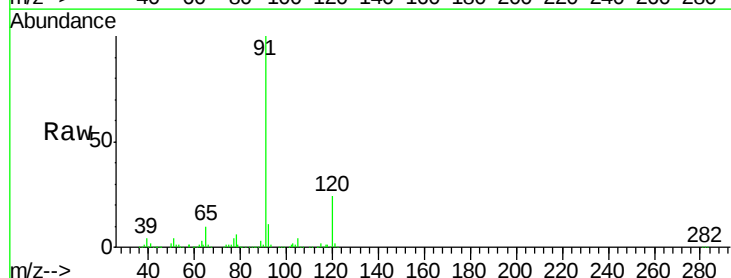
Manual Integrations
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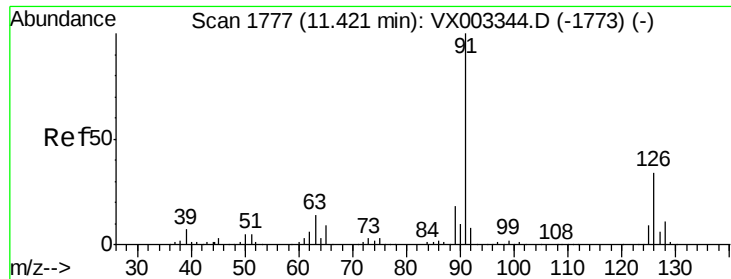
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#74
n-propylbenzene
Concen: 18.871 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.01 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		416535		
120	23.4	0.0	46.2		





#75

2-Chlorotoluene

Concen: 18.690 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV020

Tot Ion: 91 Resp: 246762

Ion Ratio Lower Upper

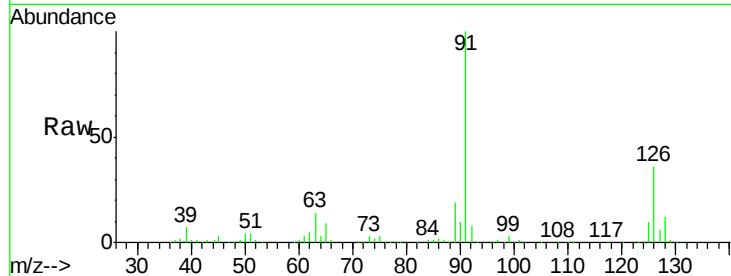
91 100

126 35.3 0.0 69.4

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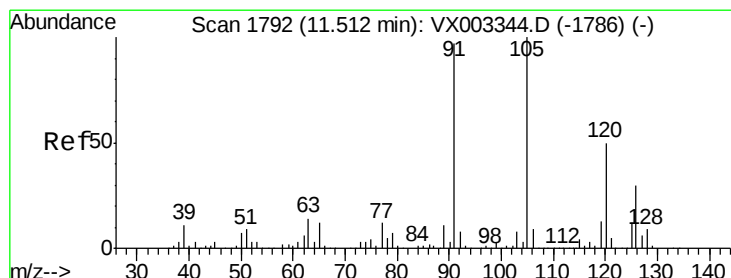
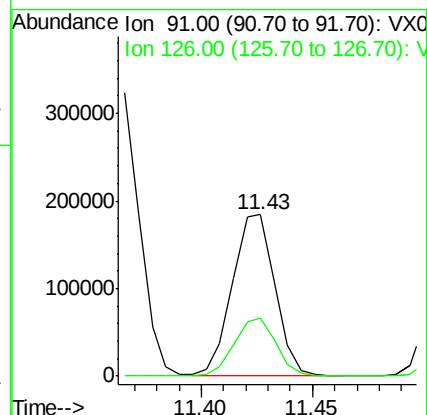
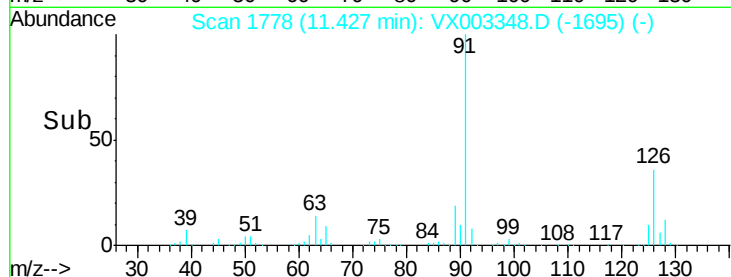
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Abundance Ion 91.00 (90.70 to 91.70): VX003344.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003344.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.551 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003348.D

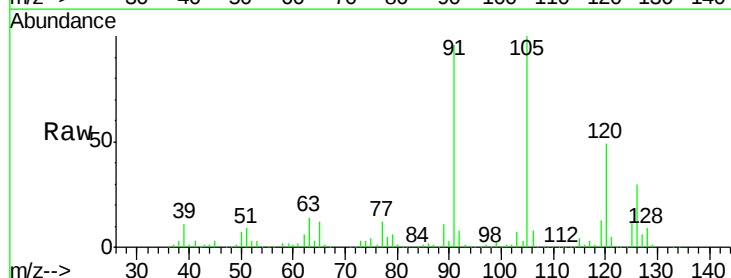
Acq: 12 Jul 2018 13:23

Tgt Ion: 105 Resp: 297495

Ion Ratio Lower Upper

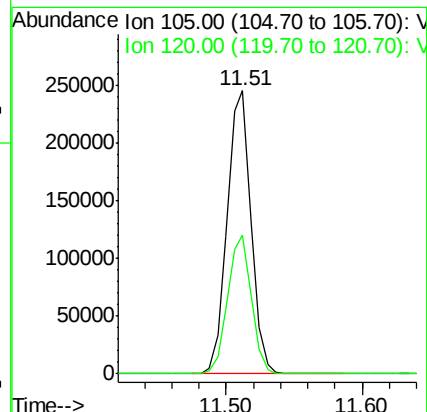
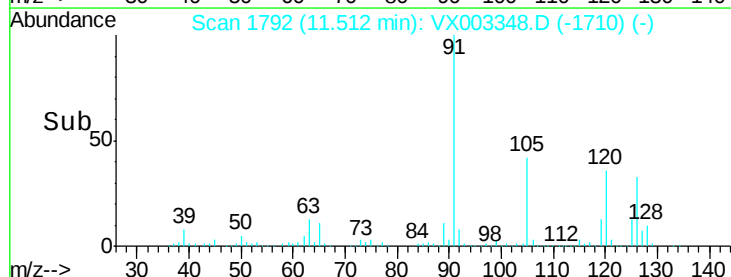
105 100

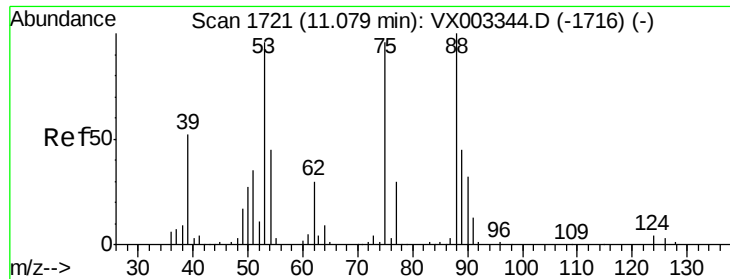
120 48.6 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003344.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003344.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.304 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

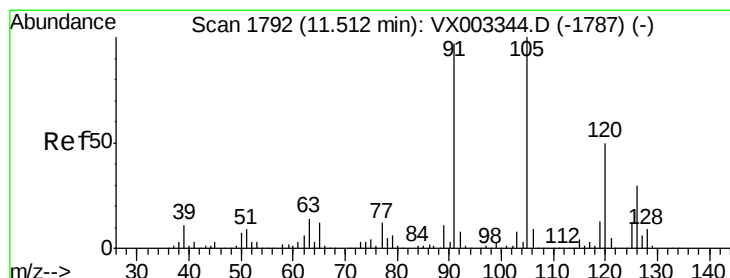
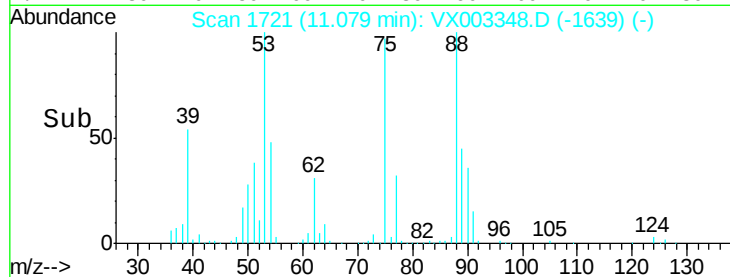
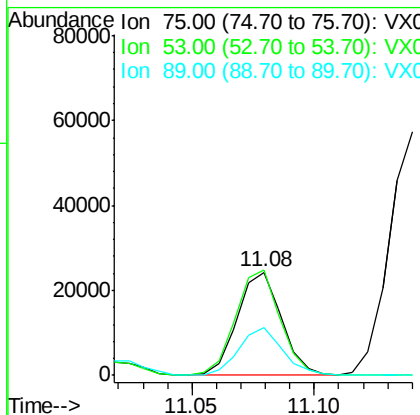
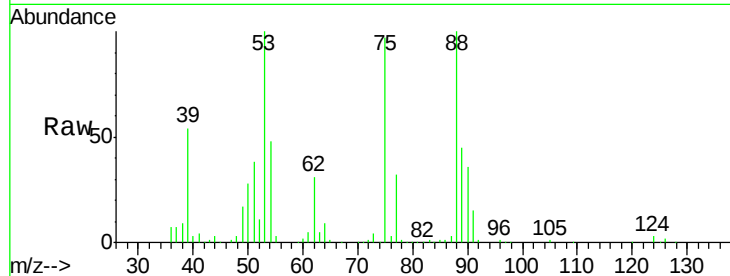
ClientSampleId :

VSTDICV020

Tot Ion:	75	Resp:	30389
Ion Ratio	Lower	Upper	
75	100		
53	102.7	48.3	144.9
89	46.3	21.8	65.4

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#78

4-Chlorotoluene

Concen: 18.471 ug/l

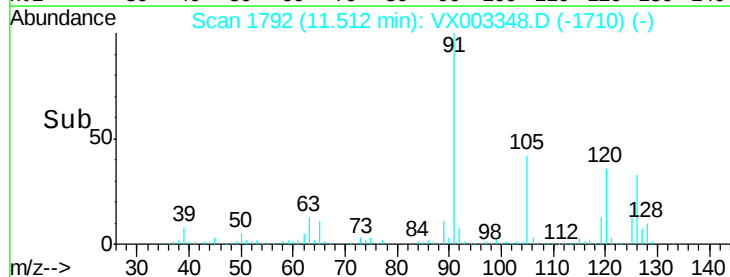
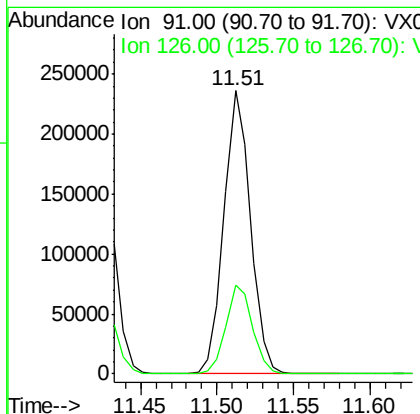
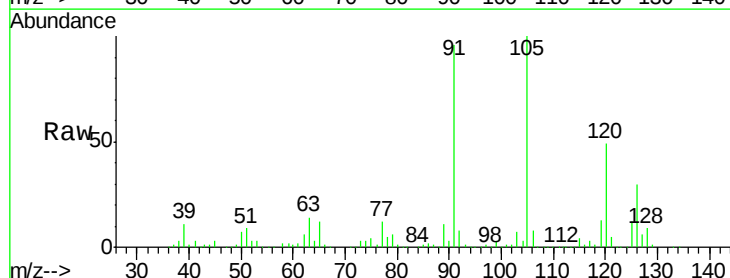
RT: 11.51 min Scan# 1792

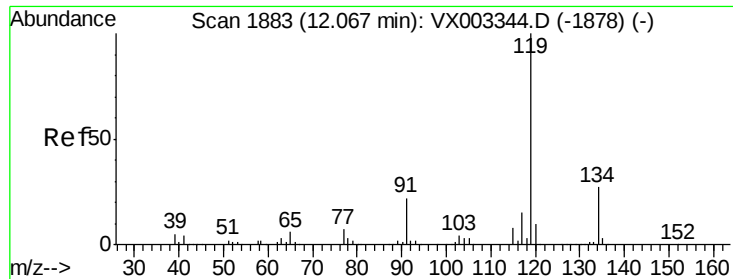
Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion:	91	Resp:	284887
Ion Ratio	Lower	Upper	
91	100		
126	31.2	0.0	61.0





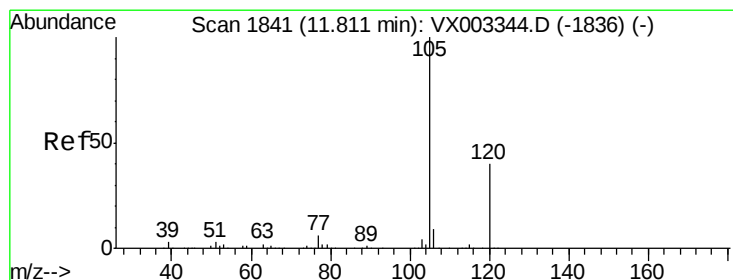
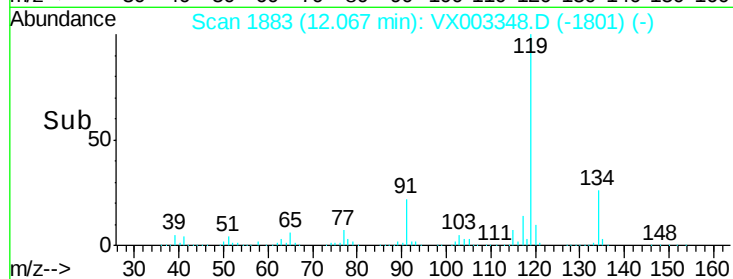
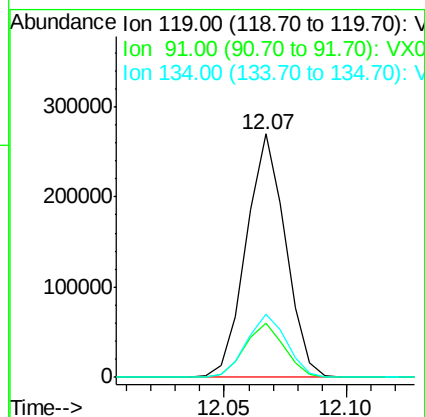
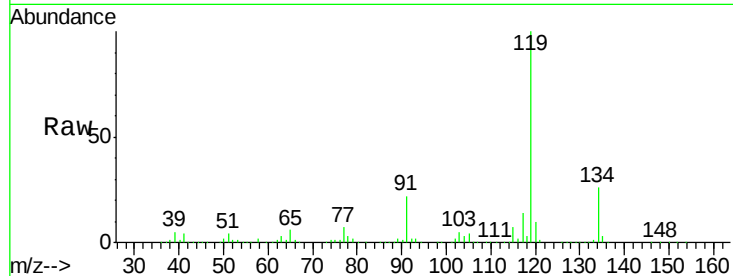
#79
tert-butylbenzene
Concen: 17.762 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	301682		
91	22.6	0.0	48.0	
134	26.5	0.0	52.6	

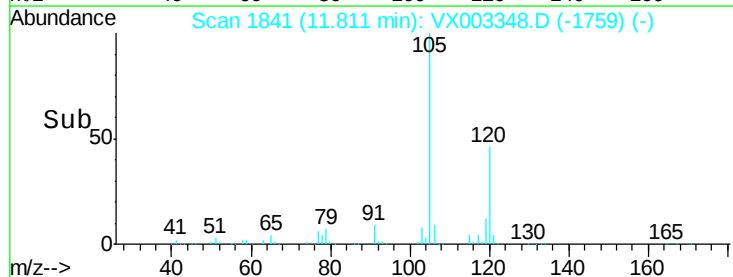
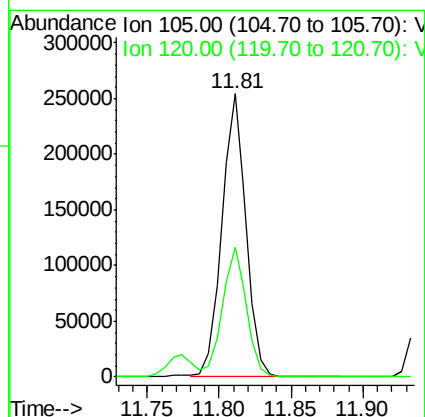
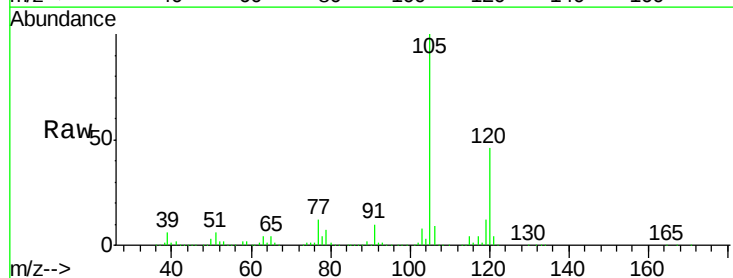
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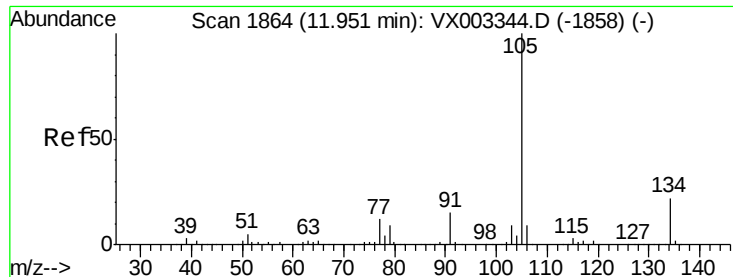
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#80
1,2,4-Trimethylbenzene
Concen: 18.262 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297584		
120	45.7	0.0	89.2	





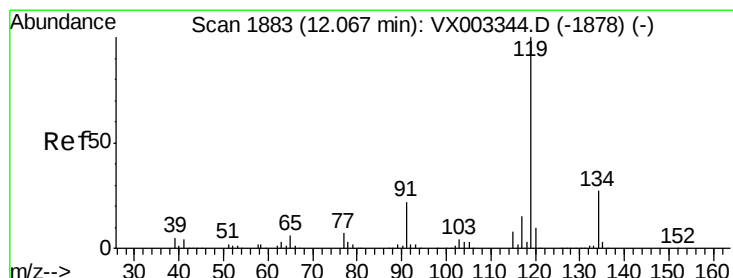
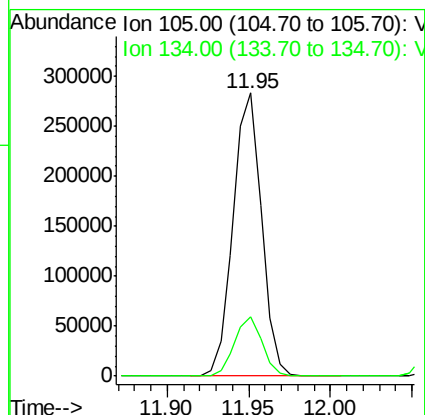
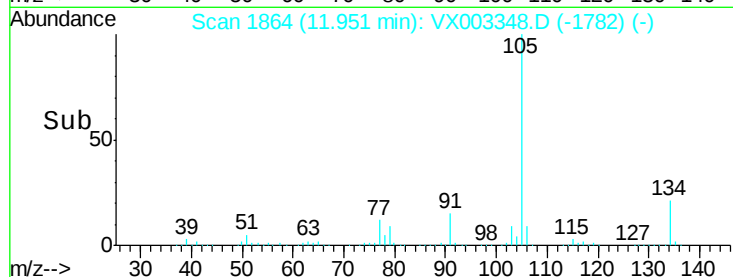
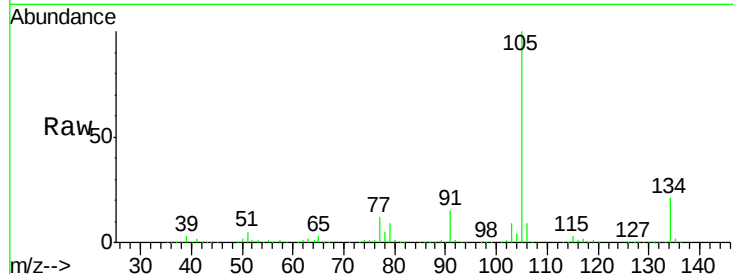
#81
 sec-Butylbenzene
 Concen: 18.105 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	41.6

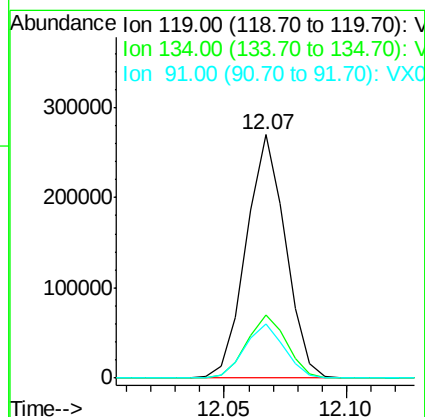
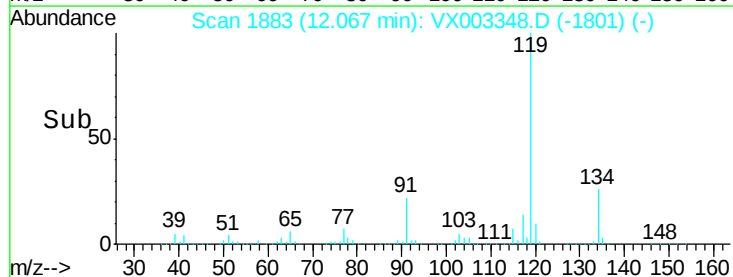
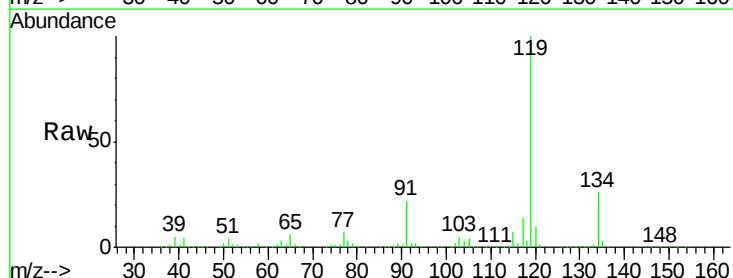
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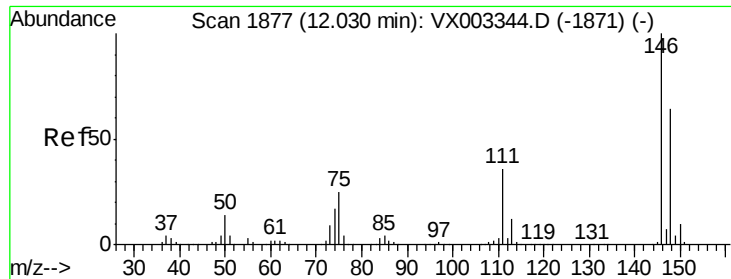
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#82
 p-Isopropyltoluene
 Concen: 17.762 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	52.6
91	22.6	0.0	48.0





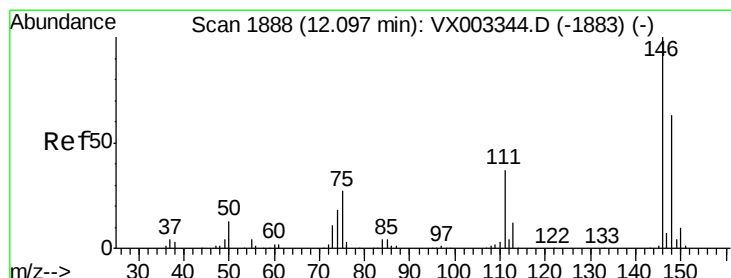
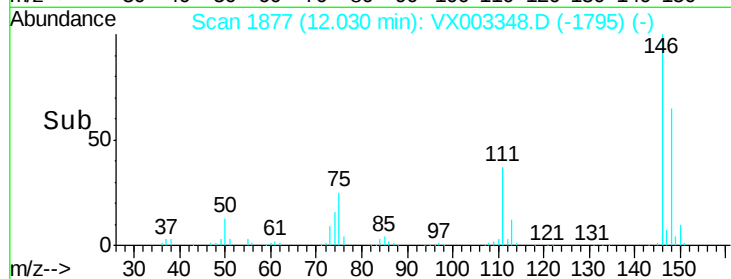
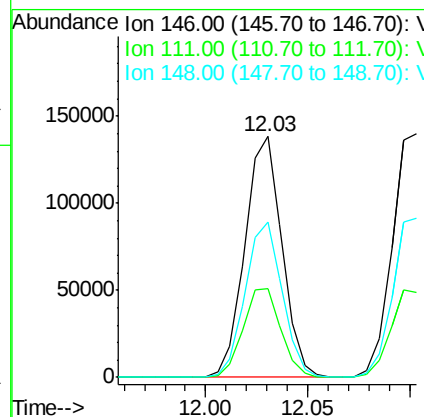
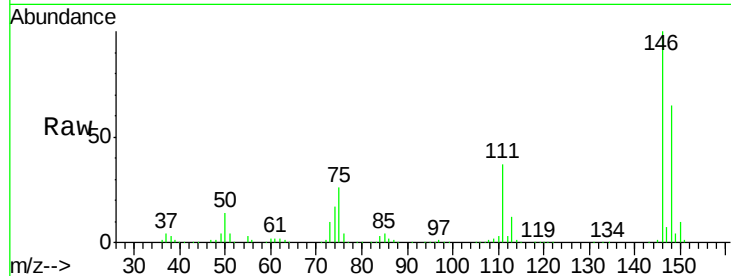
#83
 1,3-Dichlorobenzene
 Concen: 17.873 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.6	31.9	95.7

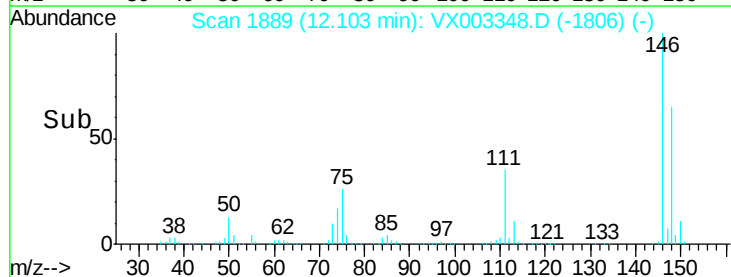
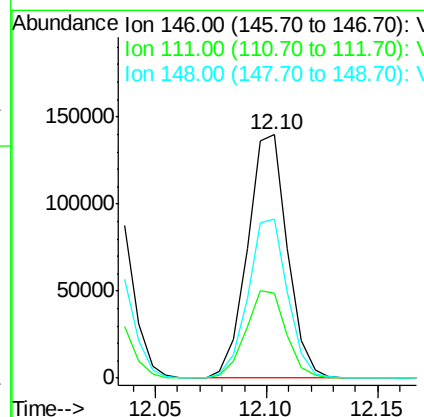
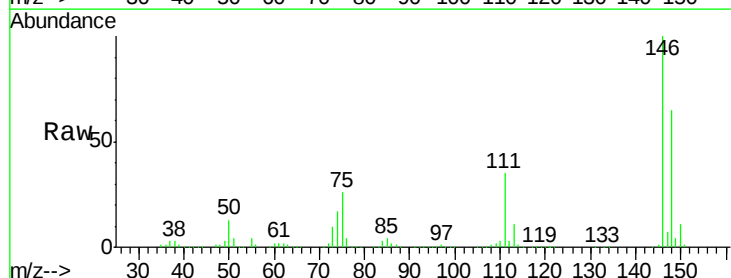
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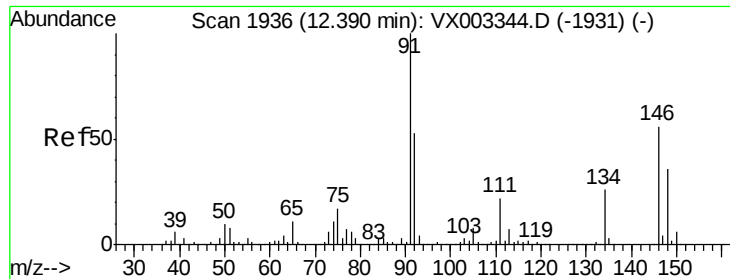
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#84
 1,4-Dichlorobenzene
 Concen: 17.734 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.5	55.5
148	64.6	32.0	96.0





#85

n-Butylbenzene

Concen: 17.359 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Instrument :

MSVOA_X

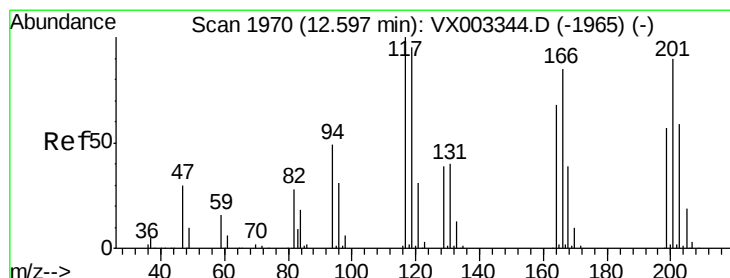
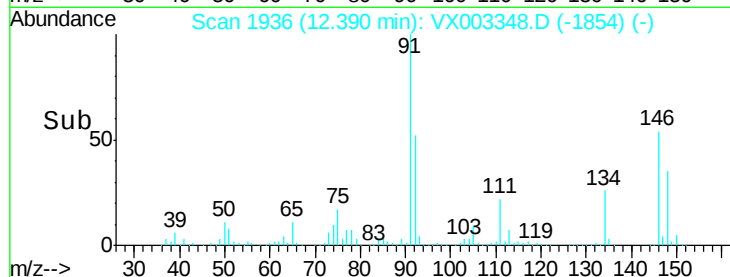
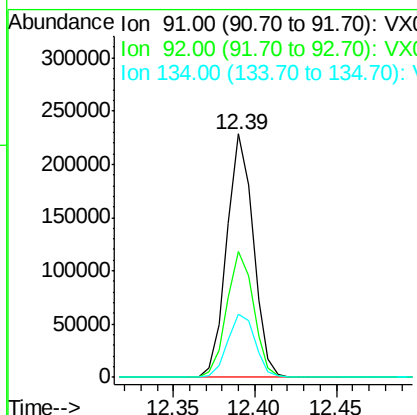
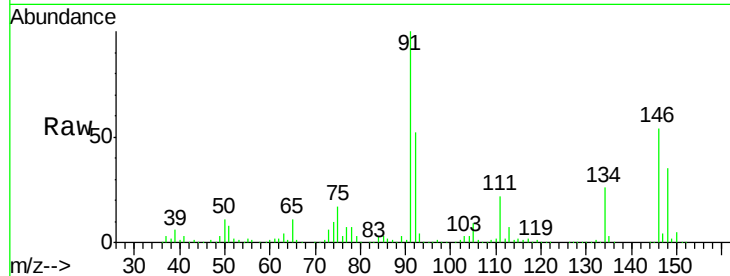
ClientSampleId :

VSTDICV020

Tot Ion:	91	Resp:	258858
Ion Ratio	Lower	Upper	
91	100		
92	52.1	0.0	105.2
134	26.8	0.0	53.2

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#86

Hexachloroethane

Concen: 16.342 ug/l

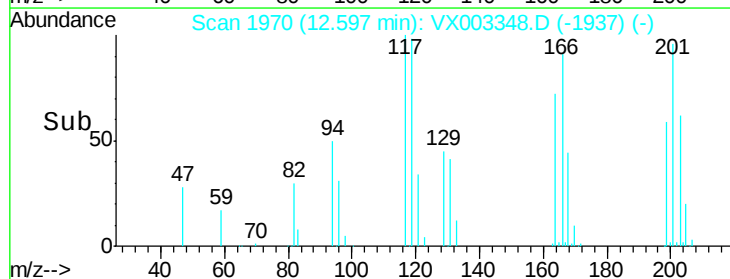
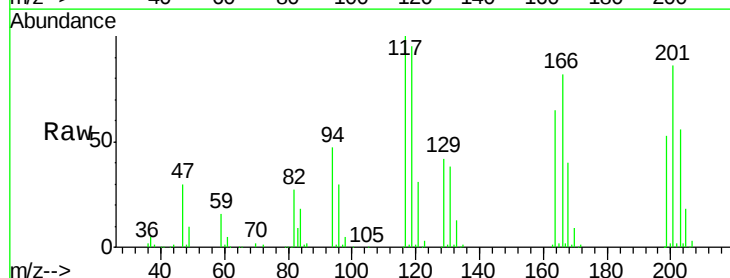
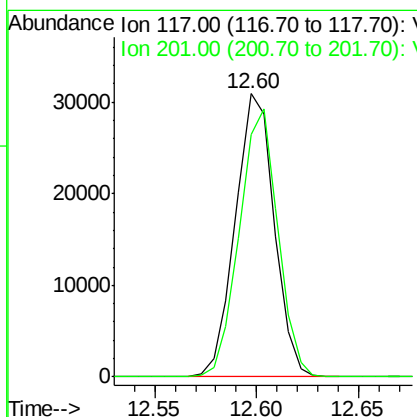
RT: 12.60 min Scan# 1970

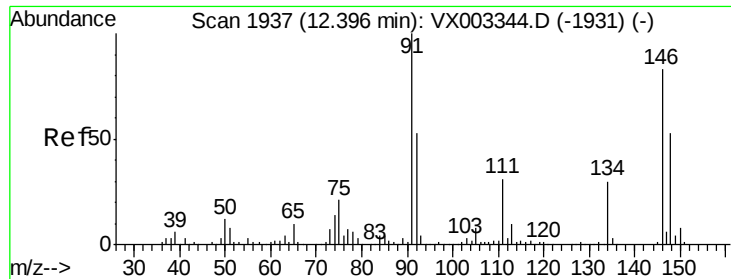
Delta R.T. -0.00 min

Lab File: VX003348.D

Acq: 12 Jul 2018 13:23

Tgt Ion:	117	Resp:	40857
Ion Ratio	Lower	Upper	
117	100		
201	93.8	47.6	142.8





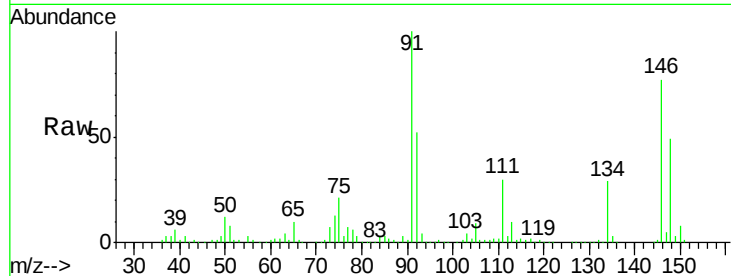
#87
 1,2-Dichlorobenzene
 Concen: 17.799 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

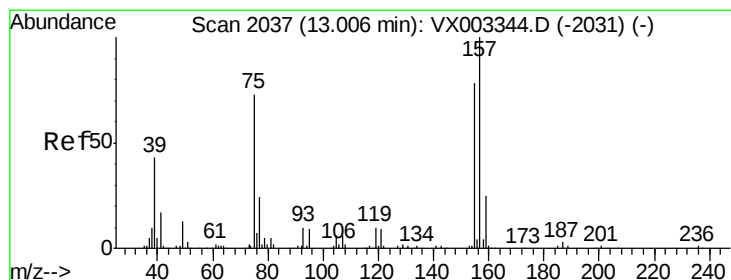
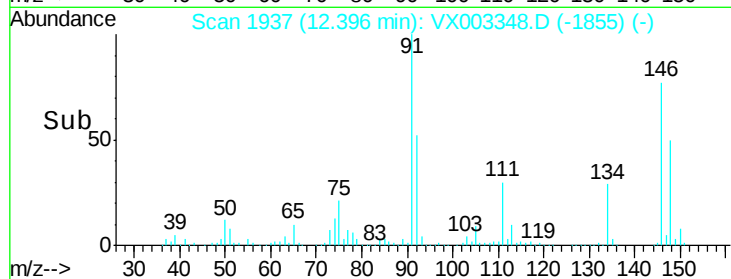
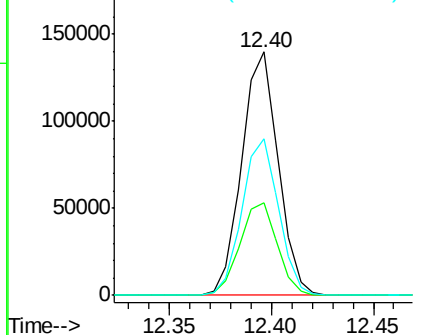
Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		173662		
111	39.1	20.0	59.9		
148	64.7	32.8	98.3		

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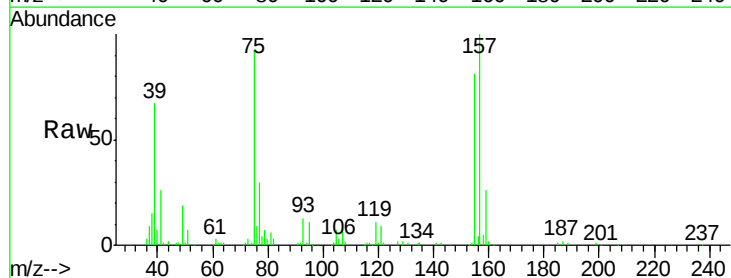


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

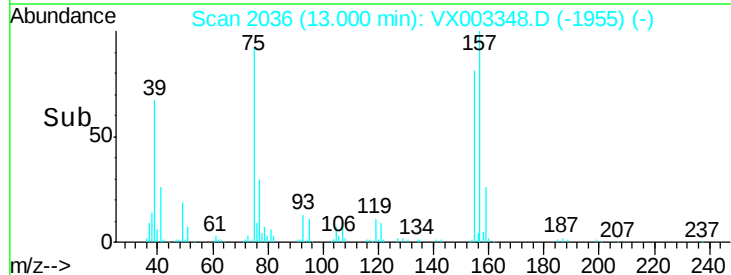
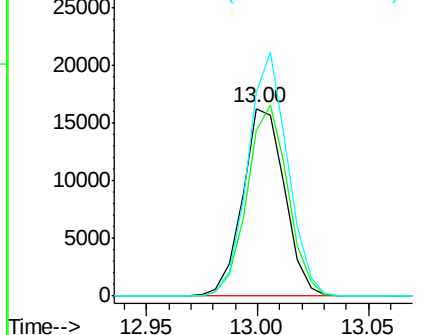


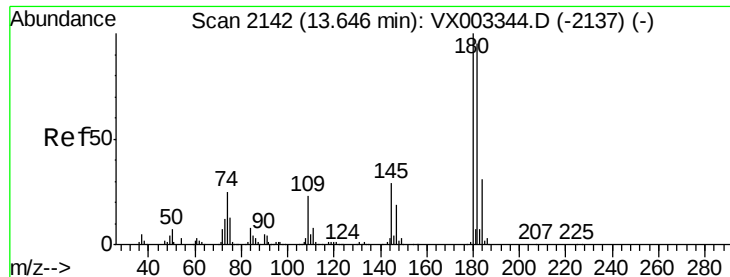
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.313 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100		21378		
155	98.4	73.1	109.7		
157	123.4	93.1	139.7		



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





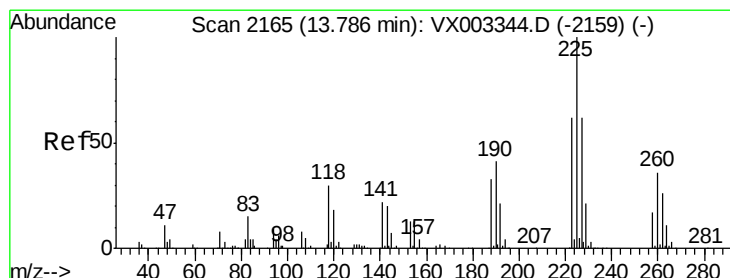
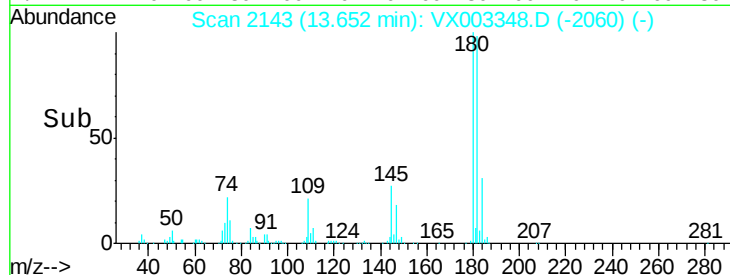
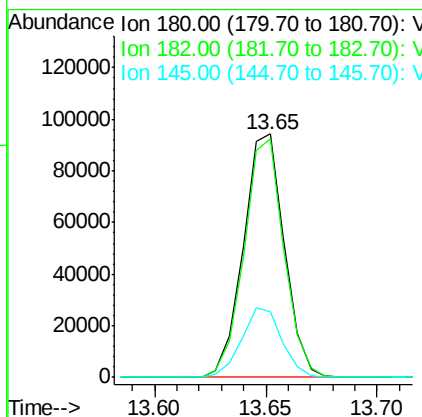
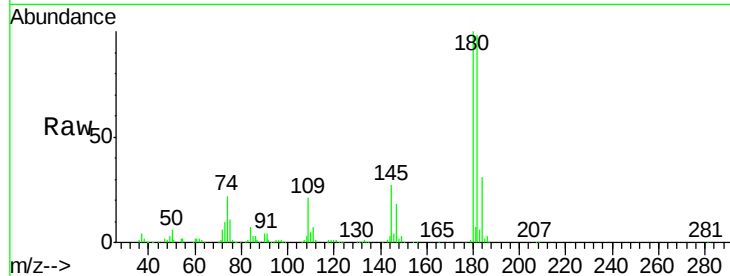
#89
 1,2,4-Trichlorobenzene
 Concen: 17.256 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	120880		
182	95.6	76.4	114.6	
145	28.4	22.9	34.3	

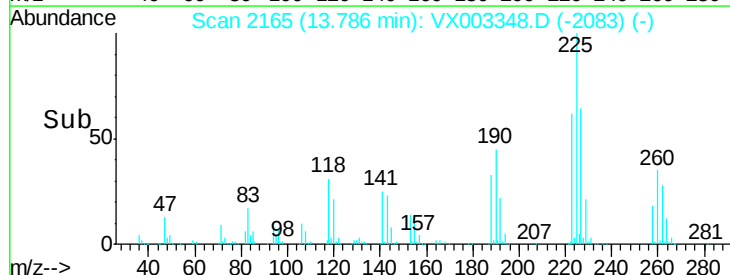
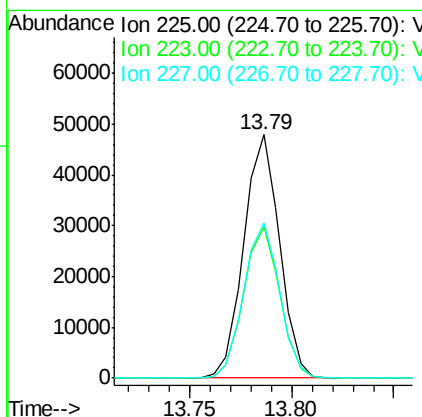
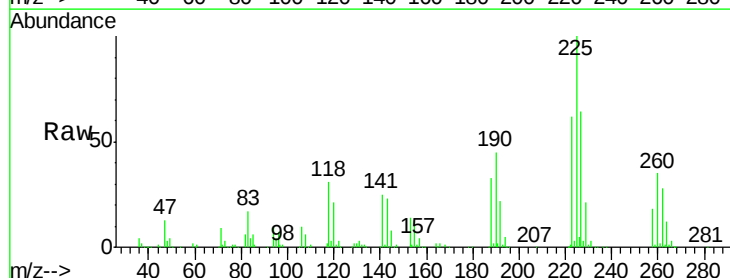
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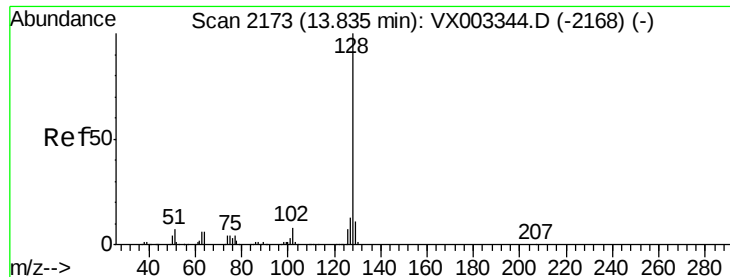
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 7/13/2018 11:35:51 AM



#90
 Hexachlorobutadiene
 Concen: 16.995 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003348.D
 Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58331		
223	62.6	0.0	122.4	
227	64.0	0.0	128.0	





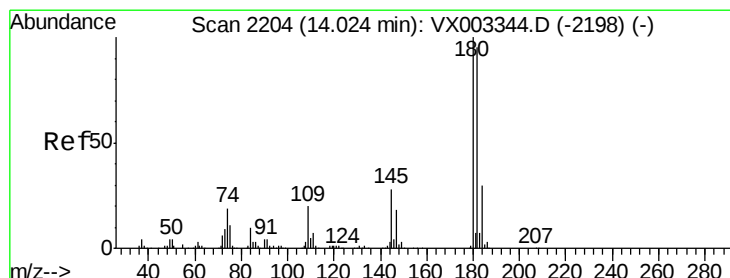
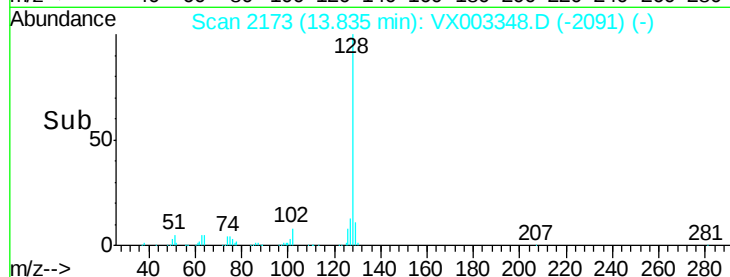
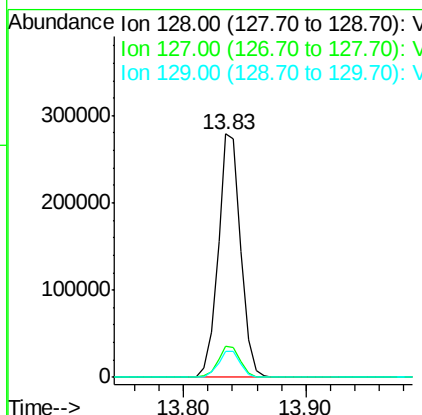
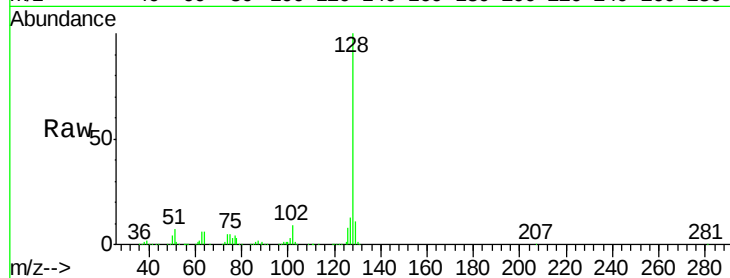
#91
Naphthalene
Concen: 17.576 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.9	13.3

Manual Integrations
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7/13/2018 11:35:51 AM



#92
1,2,3-Trichlorobenzene
Concen: 17.422 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003348.D
Acq: 12 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	191.0
145	29.9	0.0	60.6

