

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003423.D
 Acq On : 17 Jul 2018 13:12
 Operator : JC/MD
 Sample : VX0717WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 12:58:24 PM

Quant Time: Jul 18 00:49:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200178	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.51	113	165139	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	8.72	98	717887	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
62) 4-Bromofluorobenzene	11.14	95	253428	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70167	20.65	ug/l	98
3) Chloromethane	1.32	50	73300	19.93	ug/l	97
4) Vinyl Chloride	1.40	62	83411	20.81	ug/l	98
5) Bromomethane	1.64	94	39437	26.24	ug/l	92
6) Chloroethane	1.72	64	49080	20.76	ug/l	99
7) Trichlorofluoromethane	1.93	101	111030	20.88	ug/l	100
8) Diethyl Ether	2.19	74	46468	20.43	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67938	20.23	ug/l	98
10) Methyl Iodide	2.51	142	67988	18.92	ug/l	94
11) Tert butyl alcohol	3.08	59	89164	100.56	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63801	20.10	ug/l	95
13) Acrolein	2.29	56	36965	86.91	ug/l	98
14) Allyl chloride	2.73	41	121466	21.10	ug/l	86
15) Acrylonitrile	3.15	53	206794	101.80	ug/l	99
16) Acetone	2.45	43	170640	104.06	ug/l	# 87
17) Carbon Disulfide	2.57	76	162949	18.71	ug/l	98
18) Methyl Acetate	2.78	43	124855	23.38	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	219063	20.79	ug/l	100
20) Methylene Chloride	2.86	84	73579	24.51	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	67550	19.71	ug/l	95
22) Diisopropyl ether	3.88	45	232537	20.83	ug/l	97
23) Vinyl Acetate	3.83	43	947882	102.93	ug/l	96
24) 1,1-Dichloroethane	3.70	63	131945	20.83	ug/l	98
25) 2-Butanone	4.71	43	253522	98.78	ug/l	97
26) 2,2-Dichloropropane	4.59	77	78654	17.69	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	71226	19.31	ug/l	92
28) Bromochloromethane	5.02	49	58131	21.14	ug/l	89
29) Tetrahydrofuran	5.17	42	161222	99.05	ug/l	92
30) Chloroform	5.22	83	117643	20.15	ug/l	93
31) Cyclohexane	5.57	56	97287	19.89	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	99823	20.11	ug/l	98
36) 1,1-Dichloropropene	5.80	75	83877	19.09	ug/l	98
37) Ethyl Acetate	4.87	43	93532	18.89	ug/l	95
38) Carbon Tetrachloride	5.78	117	86198	19.28	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
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Quant Time: Jul 18 00:49:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94005	18.69	ug/l	96
40) Benzene	6.15	78	267598	20.02	ug/l	99
41) Methacrylonitrile	5.07	41	52808	19.39	ug/l	92
42) 1,2-Dichloroethane	6.21	62	92952	20.27	ug/l	96
43) Isopropyl Acetate	6.48	43	148552	19.88	ug/l	94
44) Trichloroethene	7.22	130	73506	18.98	ug/l	99
45) 1,2-Dichloropropane	7.52	63	68772	19.78	ug/l	99
46) Dibromomethane	7.67	93	44986	19.43	ug/l	98
47) Bromodichloromethane	7.90	83	82685	19.50	ug/l	98
48) Methyl methacrylate	7.78	41	75721	19.86	ug/l	87
49) 1,4-Dioxane	7.76	88	32903	376.93	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	543228	110.43	ug/l	91
52) Toluene	8.79	92	188838	22.56	ug/l	95
53) t-1,3-Dichloropropene	8.44	75	105213	21.01	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	95431	20.88	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	73162	20.92	ug/l	97
56) Ethyl methacrylate	9.19	69	100595	20.32	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	112871	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	287770	115.90	ug/l	98
59) 2-Hexanone	9.50	43	377448	99.87	ug/l	90
60) Dibromochloromethane	9.59	129	65724	18.91	ug/l	97
61) 1,2-Dibromoethane	9.68	107	70892	19.67	ug/l	99
64) Tetrachloroethene	9.34	164	85017	19.60	ug/l	97
65) Chlorobenzene	10.14	112	186796	19.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	67838	19.49	ug/l	97
67) Ethyl Benzene	10.26	91	308220	19.26	ug/l	99
68) m/p-Xylenes	10.36	106	238403	38.51	ug/l	96
69) o-Xylene	10.70	106	115119	19.36	ug/l	99
70) Styrene	10.71	104	188479	19.26	ug/l	98
71) Bromoform	10.86	173	51202	18.28	ug/l #	99
73) Isopropylbenzene	11.02	105	333426	19.63	ug/l	99
74) N-amyl acetate	6.48	43	148552	18.19	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	113528	20.25	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	114509m	23.84	ug/l	
77) Bromobenzene	11.26	156	99204	20.56	ug/l	99
78) n-propylbenzene	11.37	91	387718	20.43	ug/l	98
79) 2-Chlorotoluene	11.43	91	244263	21.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	283251	20.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	26535	17.95	ug/l	97
82) 4-Chlorotoluene	11.51	91	270245	19.91	ug/l	98
83) tert-Butylbenzene	11.77	119	258861	19.09	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	286842	20.12	ug/l	98
85) sec-Butylbenzene	11.95	105	322936	19.63	ug/l	97
86) p-Isopropyltoluene	12.07	119	295054	20.15	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	175278	19.85	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	170341	19.00	ug/l	99
89) n-Butylbenzene	12.39	91	251669	20.18	ug/l	99
90) Hexachloroethane	12.60	117	41756	18.82	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	178869	20.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	26048	22.33	ug/l	95

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Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

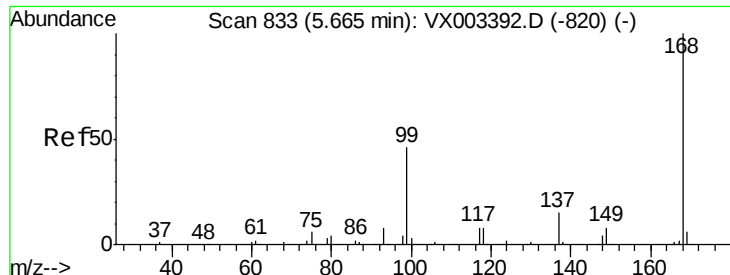
Manual Integrations
APPROVED

MMDadoda
7/18/2018 12:58:24 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135754	22.37	ug/l	100
94) Hexachlorobutadiene	13.79	225	64232	21.99	ug/l	95
95) Naphthalene	13.84	128	408622	23.49	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	138177	22.14	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion:168 Resp: 301062

Ion Ratio Lower Upper

168 100

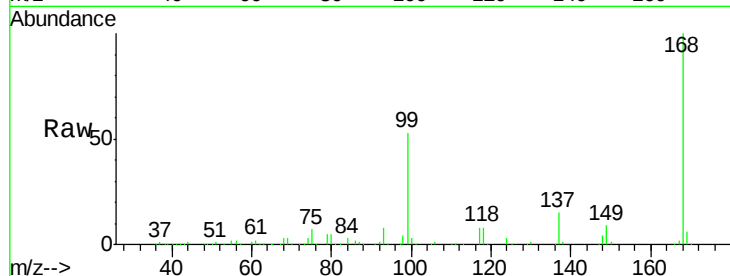
99 53.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

40000

20000

0

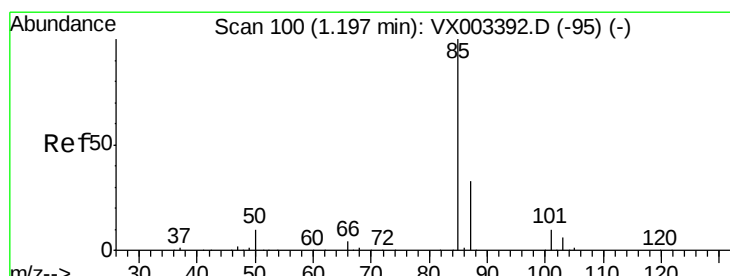
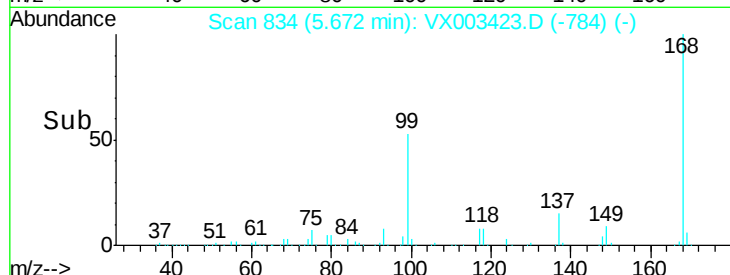
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 20.65 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003423.D

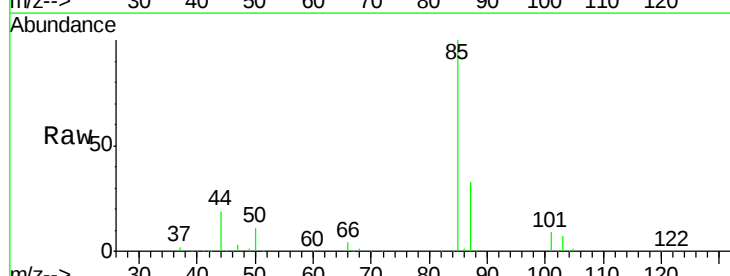
Acq: 17 Jul 2018 13:12

Tgt Ion: 85 Resp: 70167

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

0

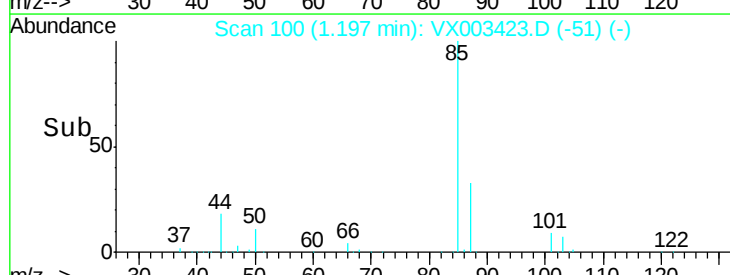
Time-->

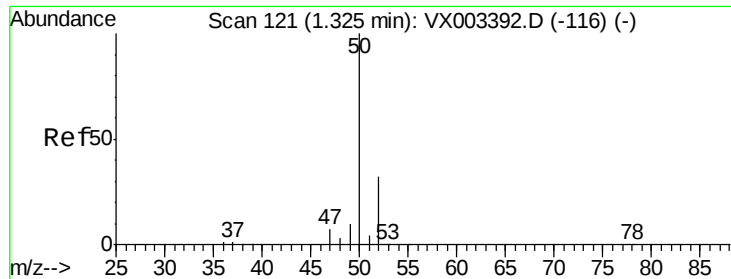
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 19.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 50 Resp: 73300

Ion Ratio Lower Upper

50 100

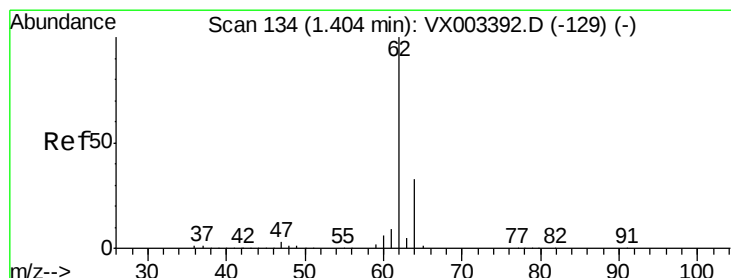
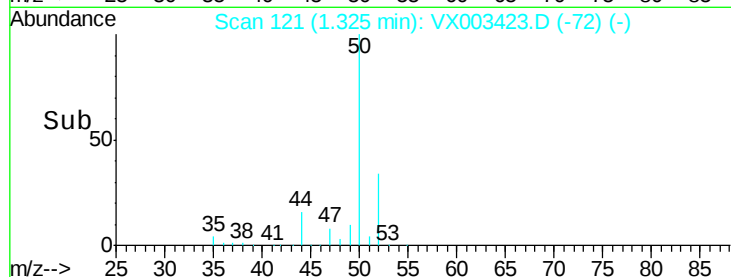
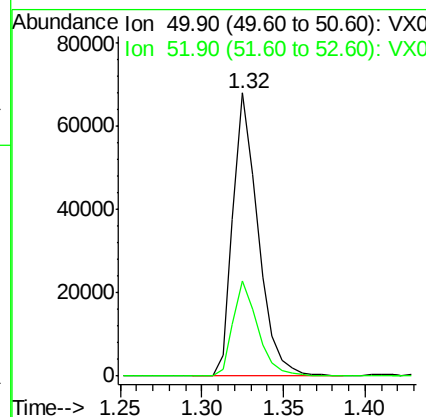
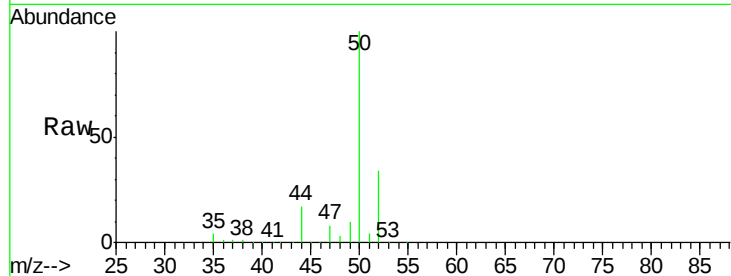
52 33.7 25.7 38.5

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 20.81 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003423.D

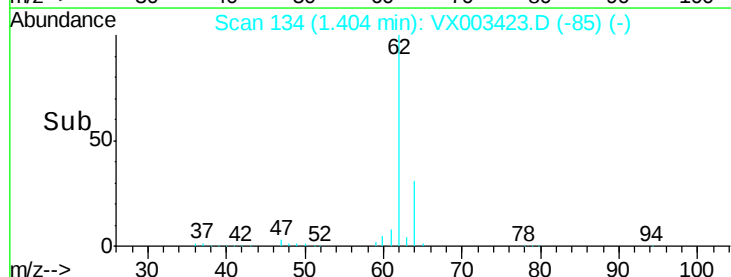
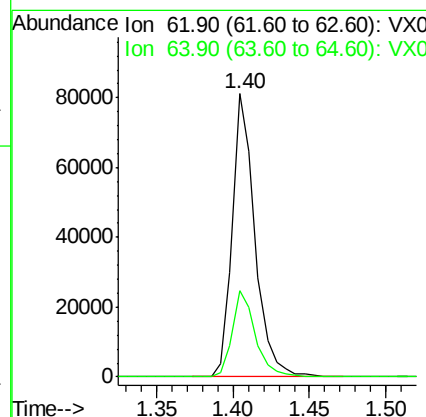
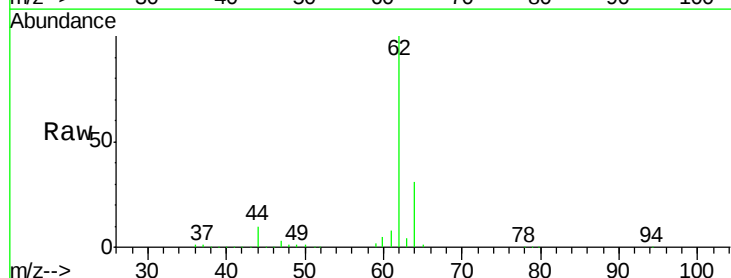
Acq: 17 Jul 2018 13:12

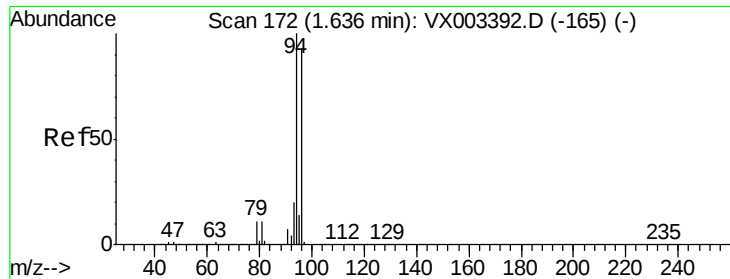
Tgt Ion: 62 Resp: 83411

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2





#5

Bromomethane

Concen: 26.24 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 94 Resp: 39437

Ion Ratio Lower Upper

94 100

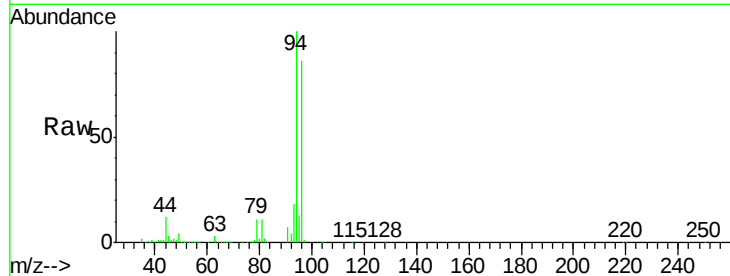
96 85.5 74.9 112.3

Manual Integrations

APPROVED

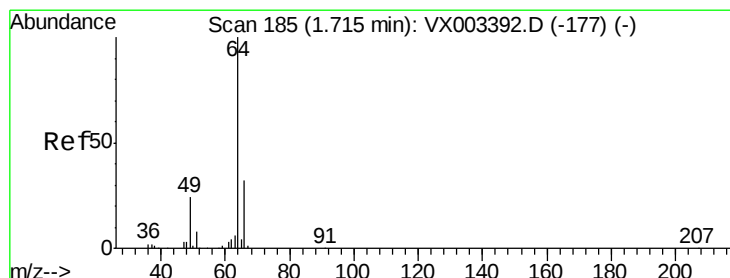
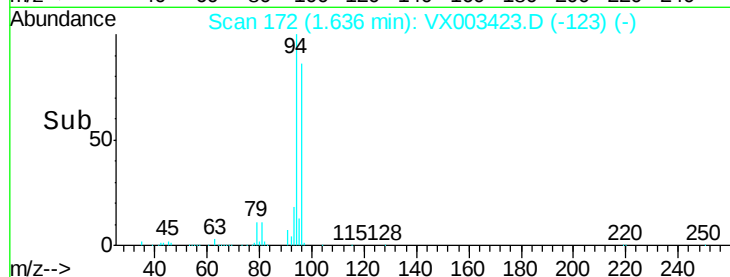
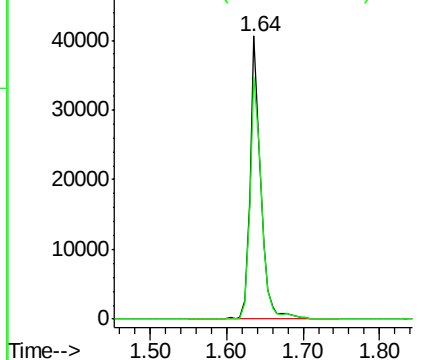
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7/18/2018 12:58:24 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.76 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003423.D

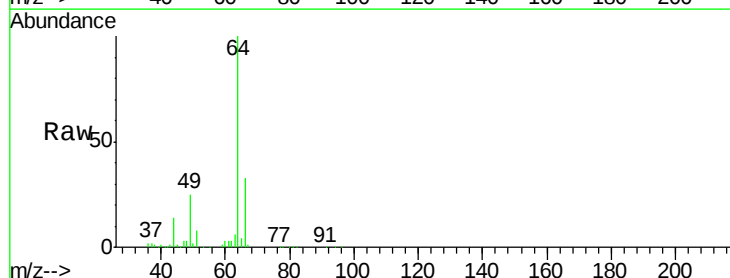
Acq: 17 Jul 2018 13:12

Tgt Ion: 64 Resp: 49080

Ion Ratio Lower Upper

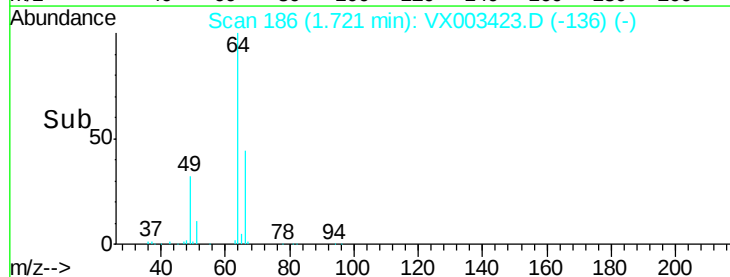
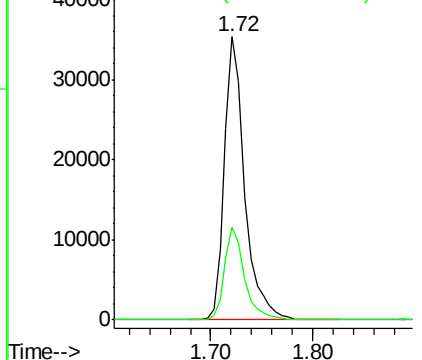
64 100

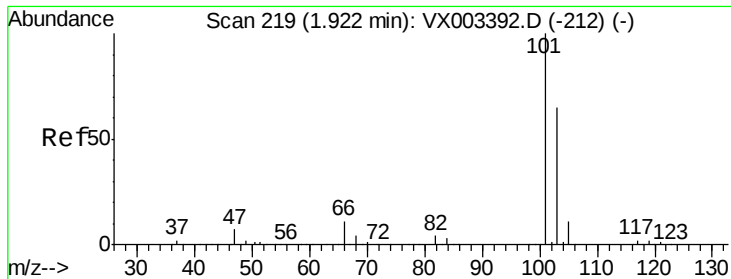
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

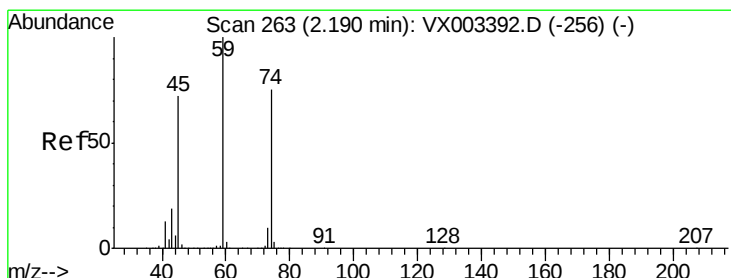
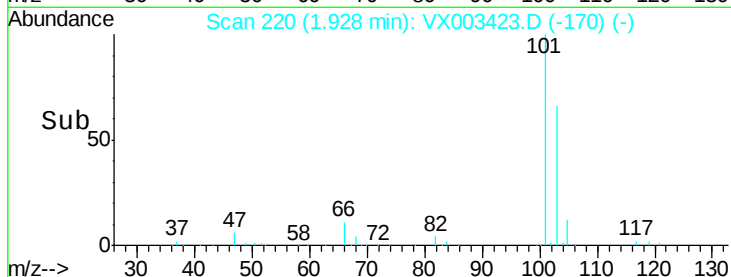
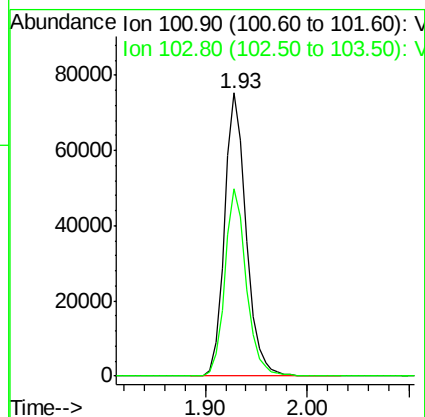
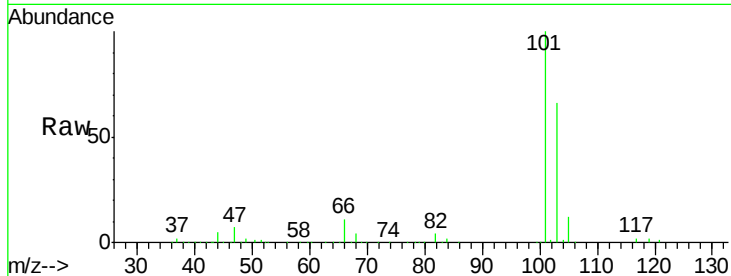
Trichlorofluoromethane
Concen: 20.88 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion:101 Resp: 111030
Ion Ratio Lower Upper
101 100
103 66.0 52.8 79.2

Manual Integrations
APPROVED

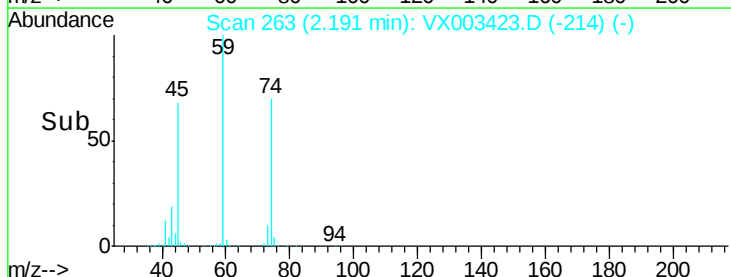
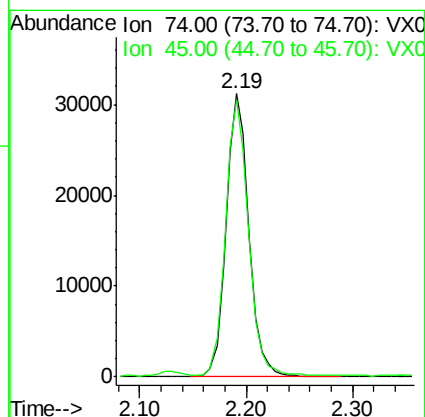
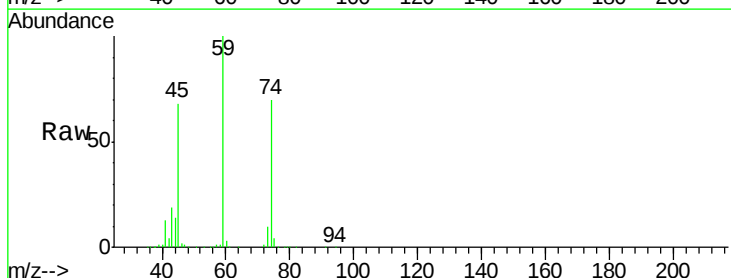
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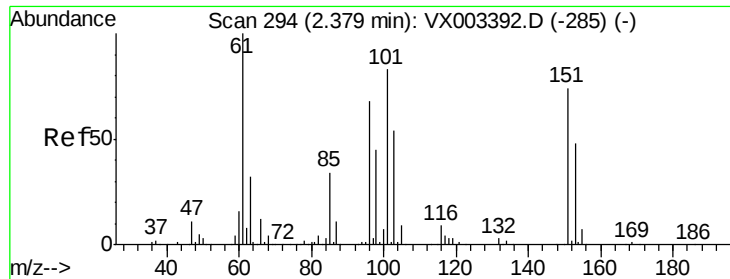


#8

Diethyl Ether
Concen: 20.43 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion: 74 Resp: 46468
Ion Ratio Lower Upper
74 100
45 97.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

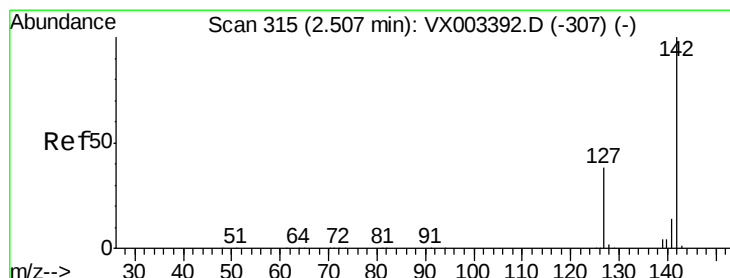
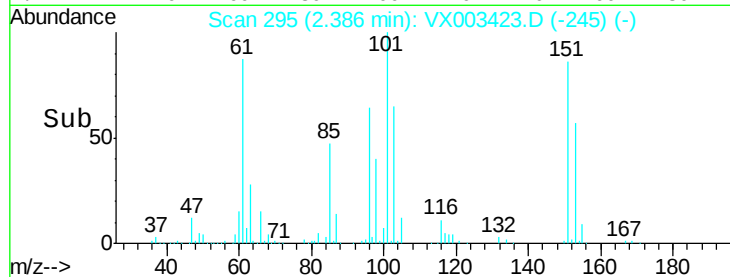
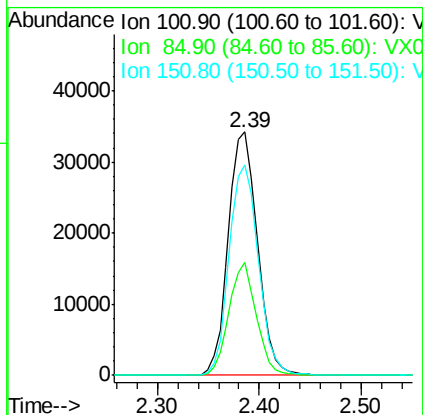
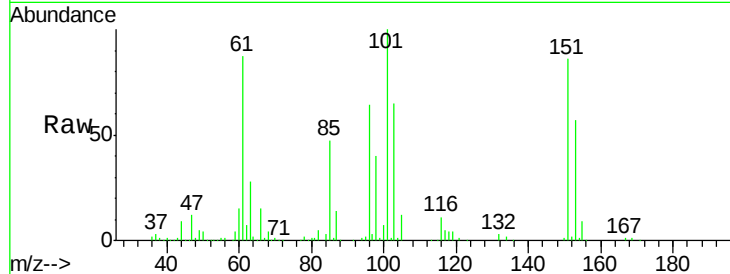
ClientSampleId :

VX0717WBSD01

Tot Ion:	101	Resp:	67938
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.0	54.0
151	86.6	70.9	106.3

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#10

Methyl Iodide

Concen: 18.92 ug/l

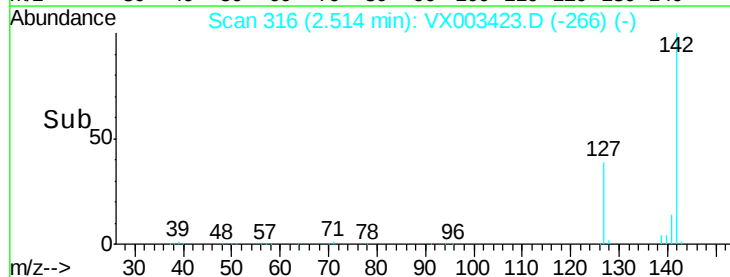
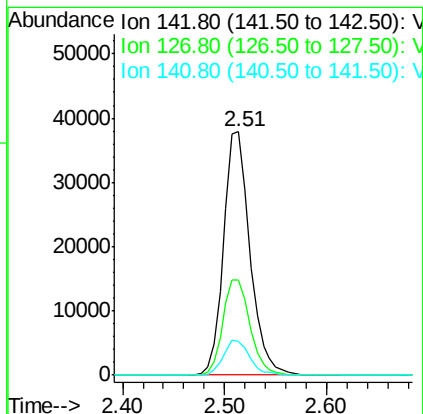
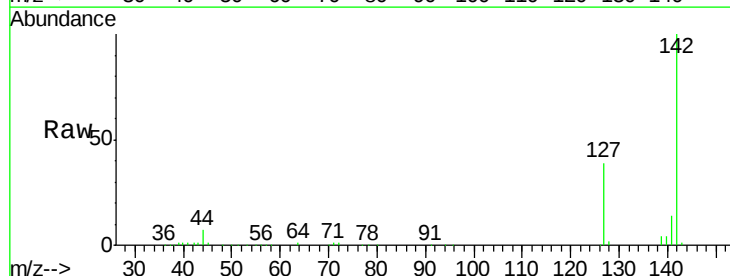
RT: 2.51 min Scan# 316

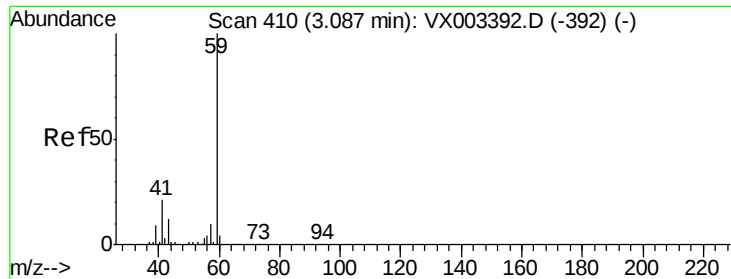
Delta R.T. 0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Tgt Ion:	142	Resp:	67988
Ion Ratio	Lower	Upper	
142	100		
127	40.4	36.6	55.0
141	14.3	11.3	16.9





#11

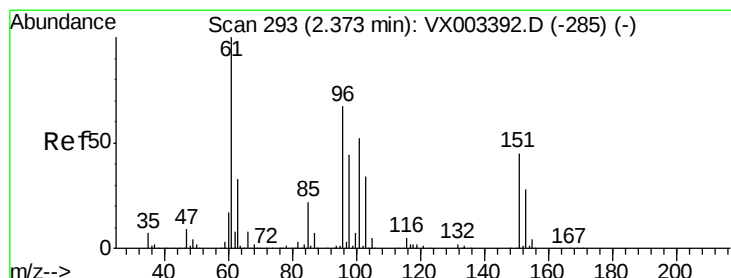
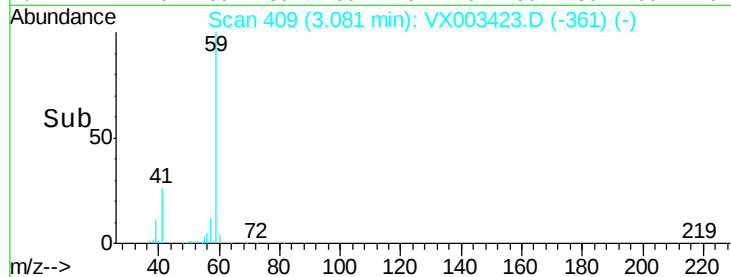
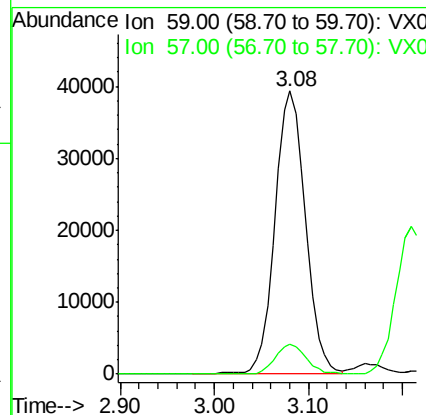
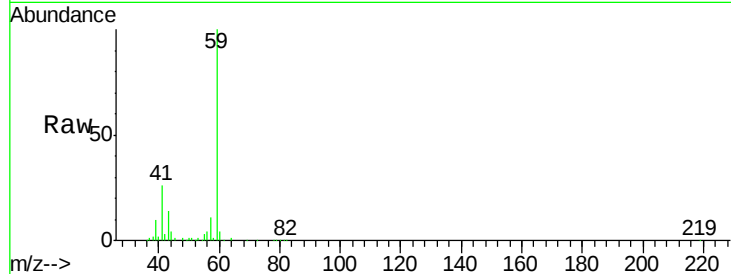
Tert butyl alcohol
Concen: 100.56 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion: 59 Resp: 89164
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

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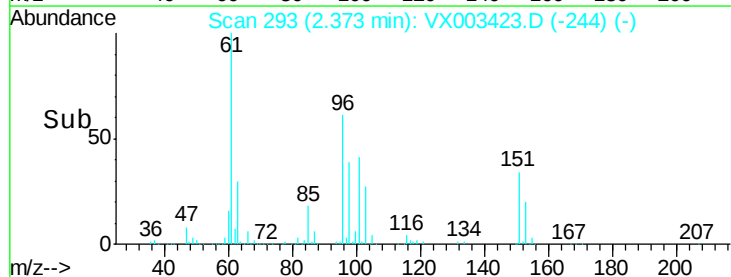
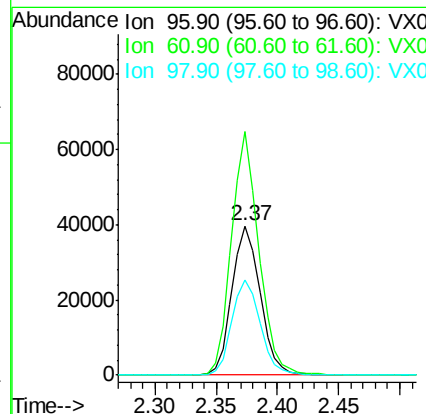
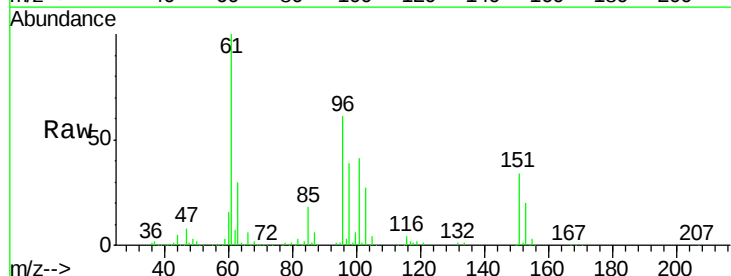
MMDadoda
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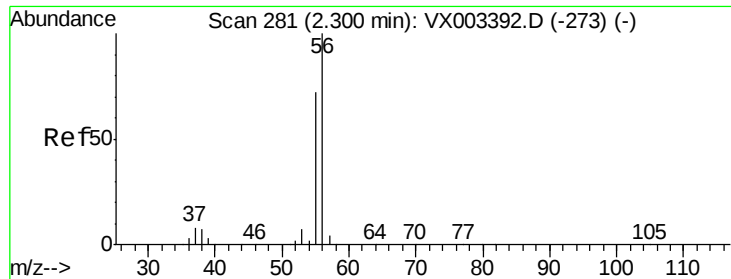


#12

1,1-Dichloroethene
Concen: 20.10 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion: 96 Resp: 63801
Ion Ratio Lower Upper
96 100
61 163.2 137.9 206.9
98 64.0 51.6 77.4





#13

Acrolein

Concen: 86.91 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 56 Resp: 36965

Ion Ratio Lower Upper

56 100

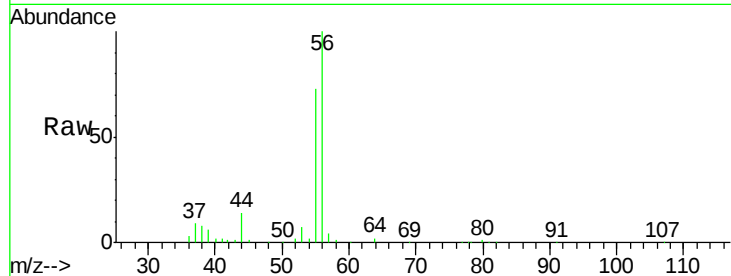
55 72.7 57.0 85.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

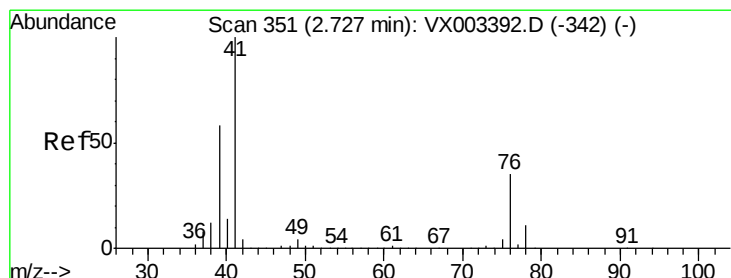
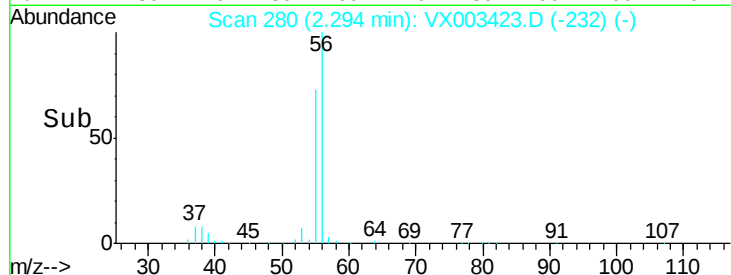
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 21.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

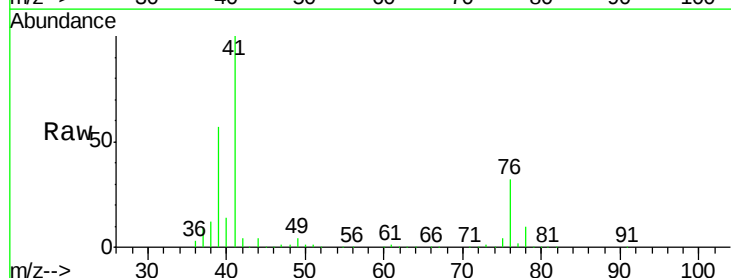
Tgt Ion: 41 Resp: 121466

Ion Ratio Lower Upper

41 100

39 56.9 56.8 85.2

76 32.9 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

40000

20000

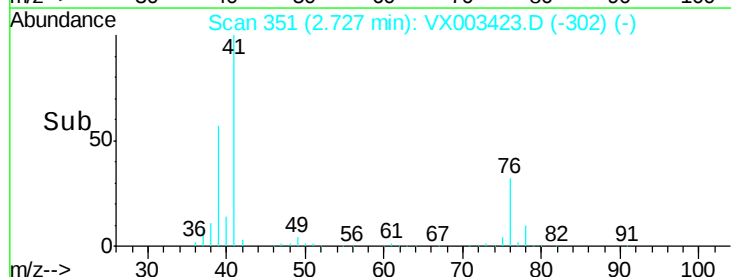
0

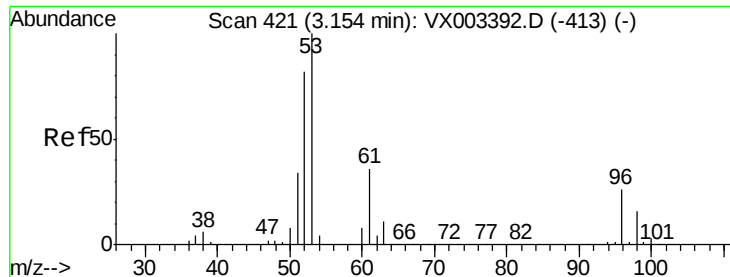
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 101.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

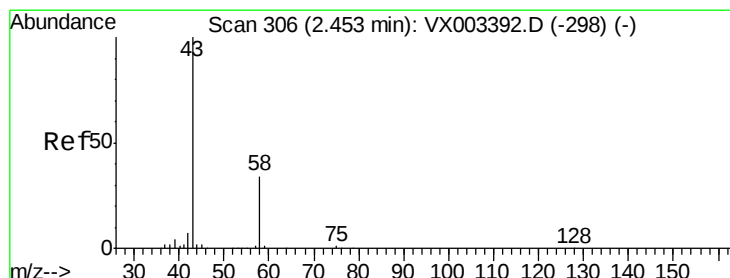
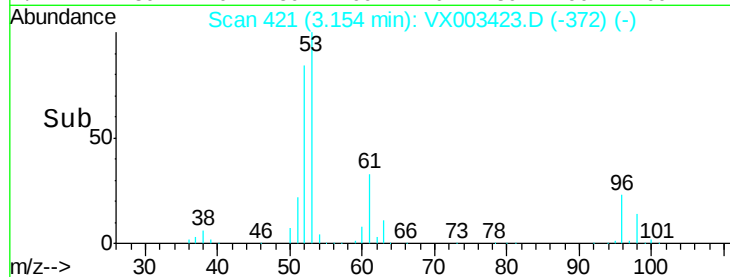
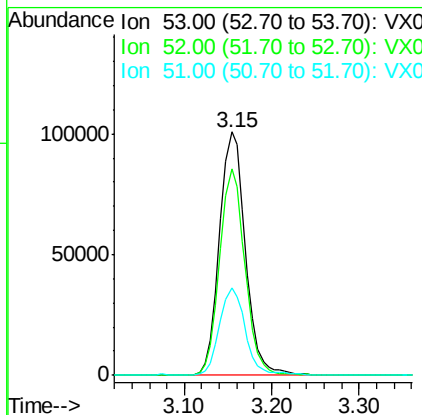
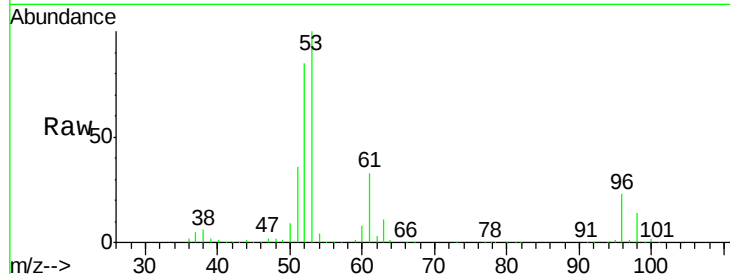
ClientSampleId :

VX0717WBSD01

Tot Ion:	53	Resp:	206794
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.7	100.1
51	35.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 104.06 ug/l

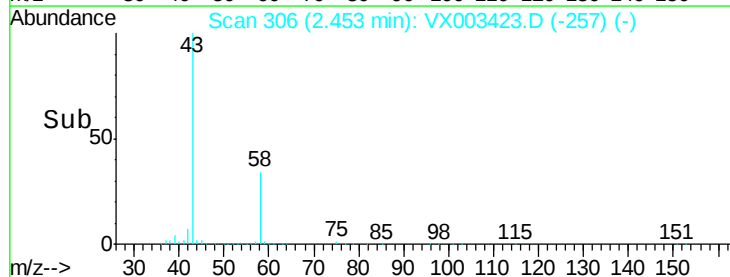
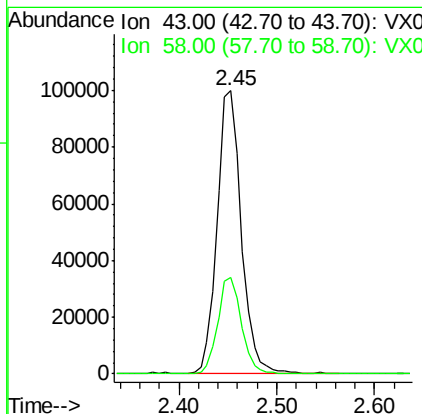
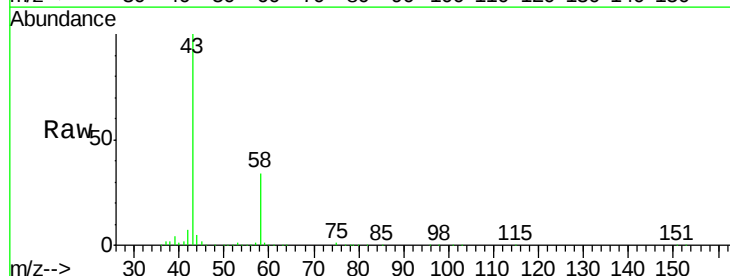
RT: 2.45 min Scan# 306

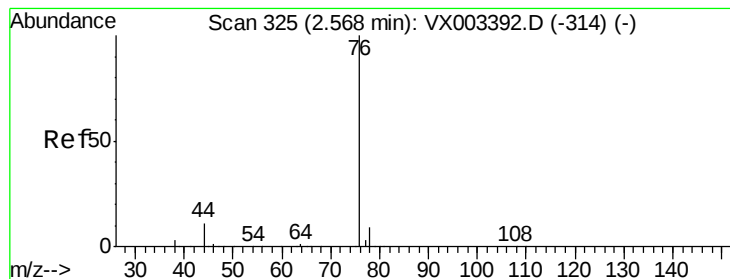
Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Tgt Ion:	43	Resp:	170640
Ion Ratio		Lower	Upper
43	100		
58	34.3	22.1	33.1#





#17

Carbon Disulfide

Concen: 18.71 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 76 Resp: 162949

Ion Ratio Lower Upper

76 100

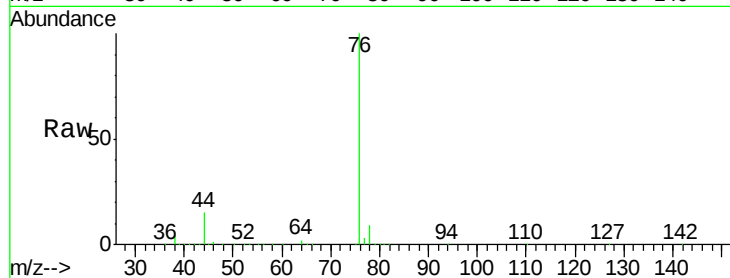
78 9.2 6.9 10.3

Manual Integrations

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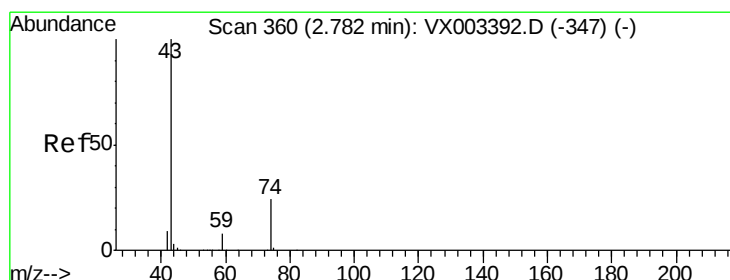
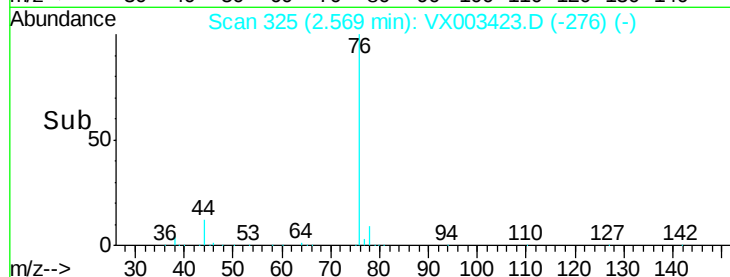
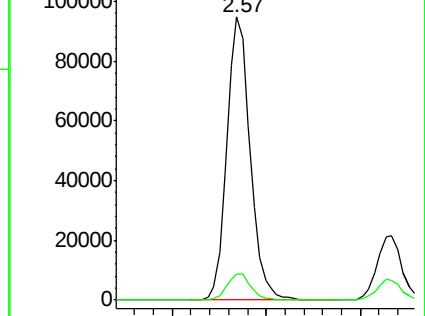
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.38 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003423.D

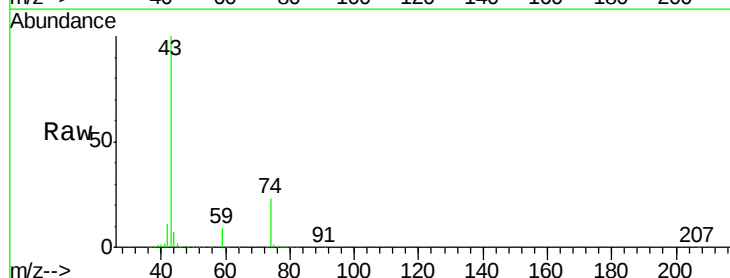
Acq: 17 Jul 2018 13:12

Tgt Ion: 43 Resp: 124855

Ion Ratio Lower Upper

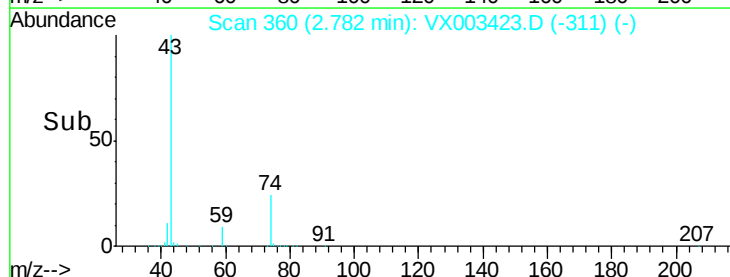
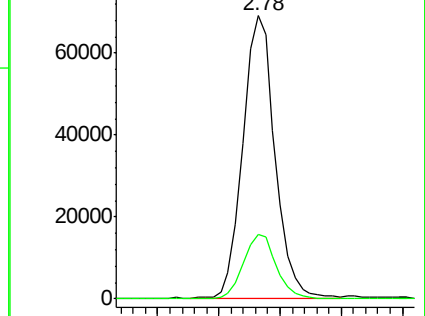
43 100

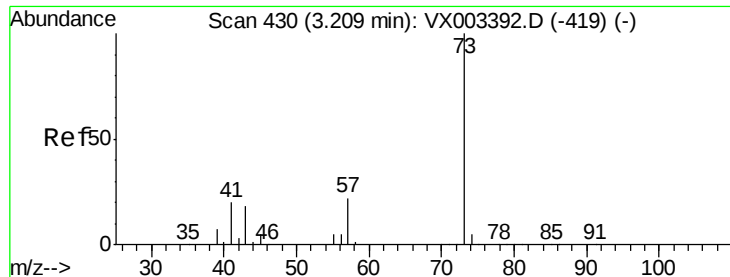
74 23.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

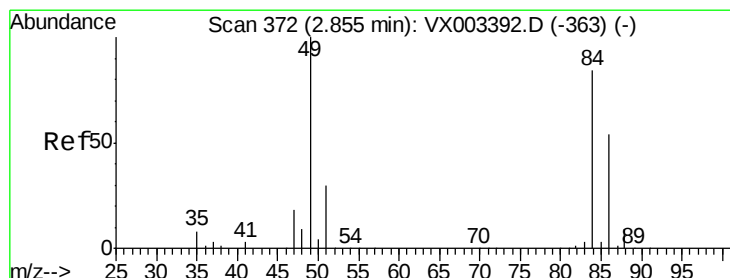
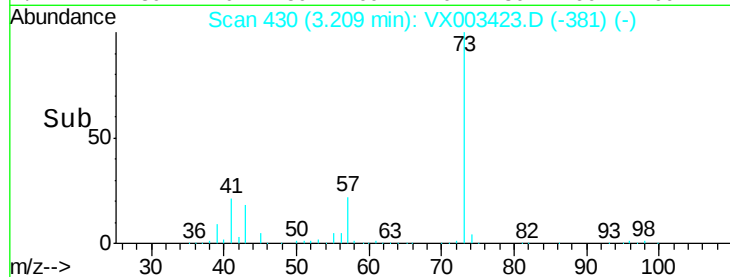
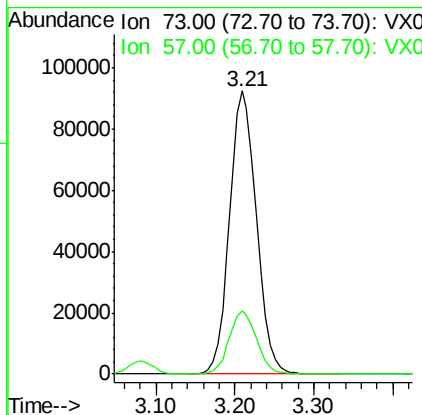
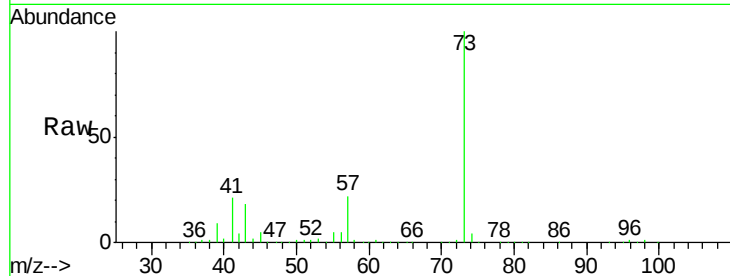
Methyl tert-butyl Ether
 Concen: 20.79 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

Manual Integrations
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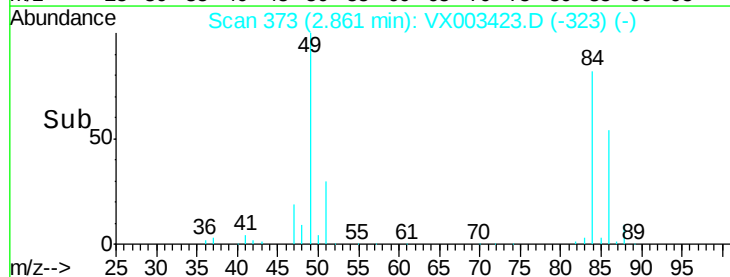
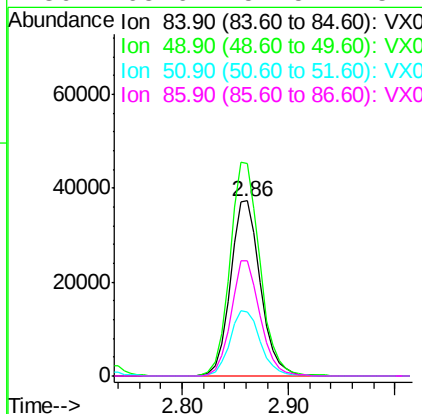
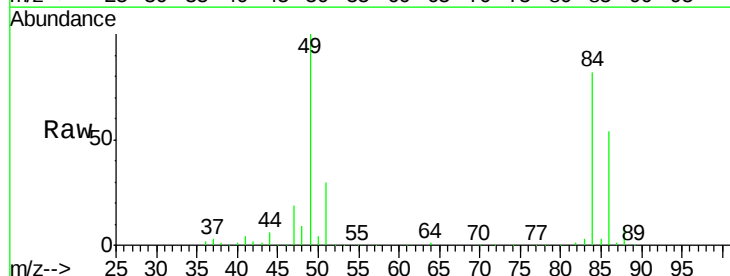
MMDadoda
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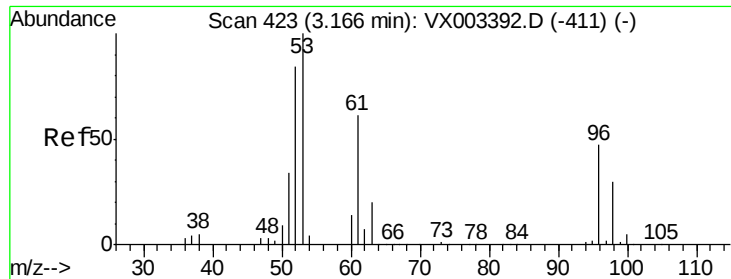


#20

Methylene Chloride
 Concen: 24.51 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	107.8	161.6
51	36.7	32.8	49.2
86	65.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

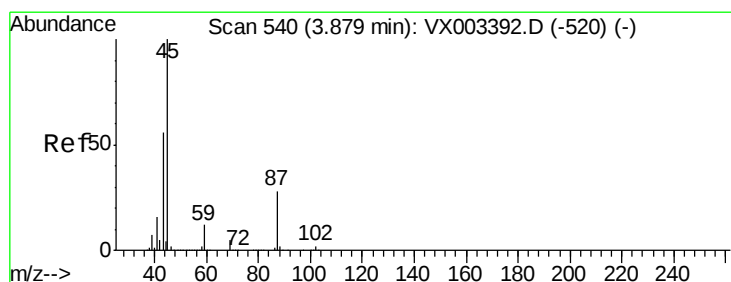
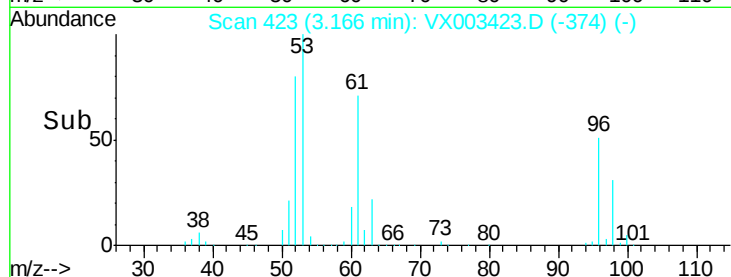
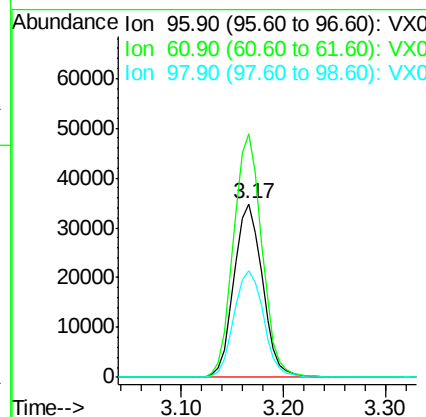
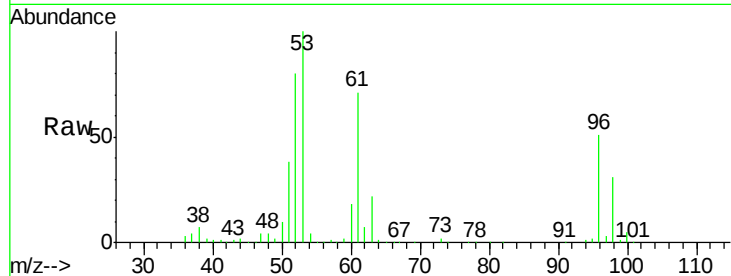
ClientSampleId :

VX0717WBSD01

Tot Ion:	96	Resp:	67550
Ion	Ratio	Lower	Upper
96	100		
61	140.1	117.0	175.4
98	61.4	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.83 ug/l

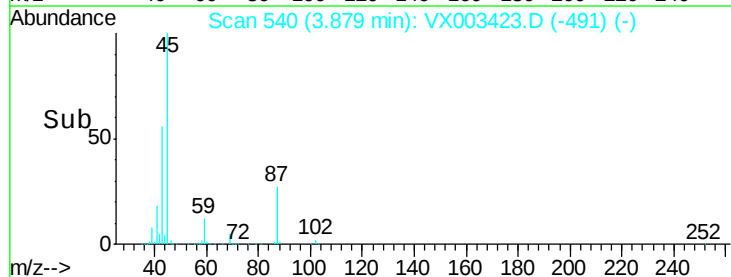
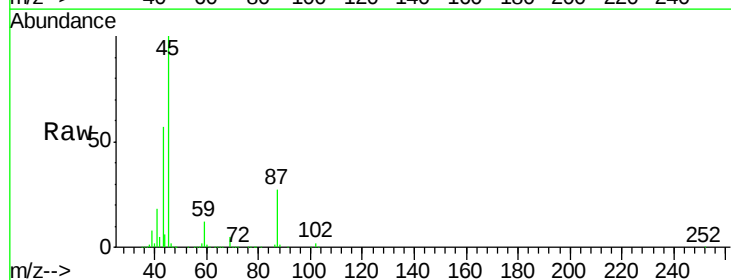
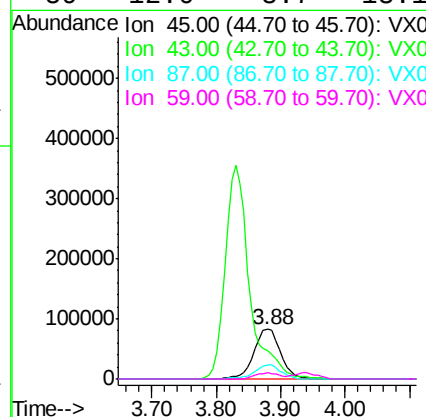
RT: 3.88 min Scan# 540

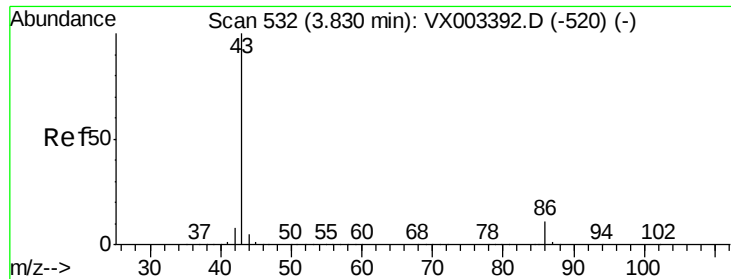
Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Tgt Ion:	45	Resp:	232537
Ion	Ratio	Lower	Upper
45	100		
43	56.4	46.8	70.2
87	27.1	20.2	30.4
59	12.0	8.7	13.1





#23

Vinyl Acetate

Concen: 102.93 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 43 Resp: 947882

Ion Ratio Lower Upper

43 100

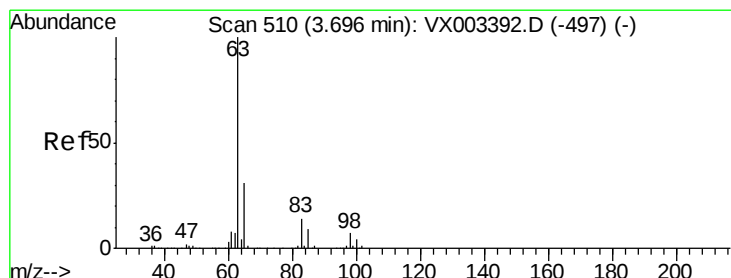
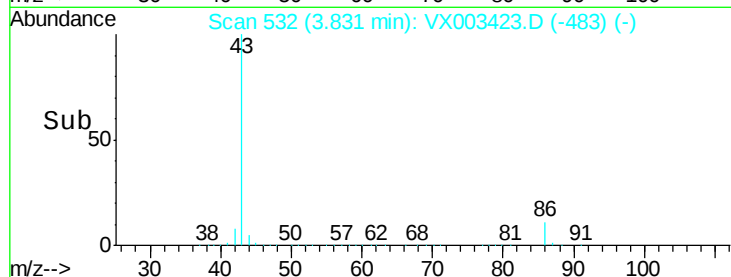
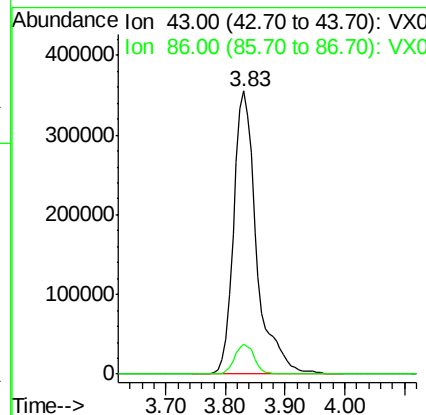
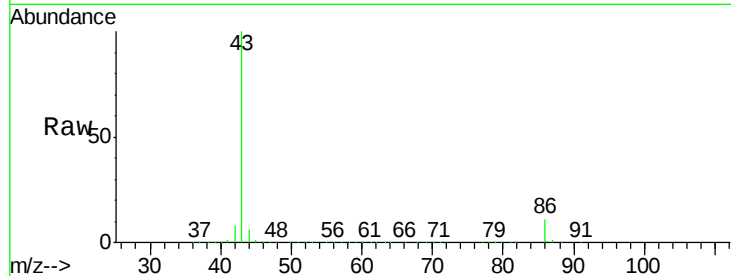
86 10.5 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

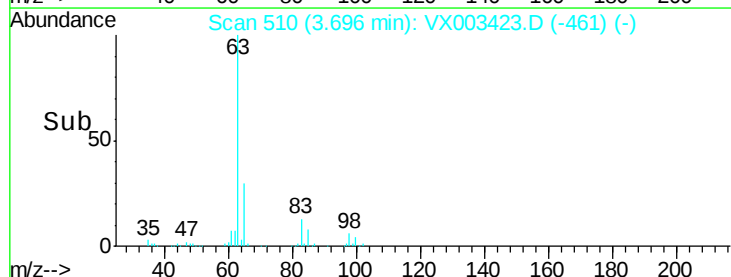
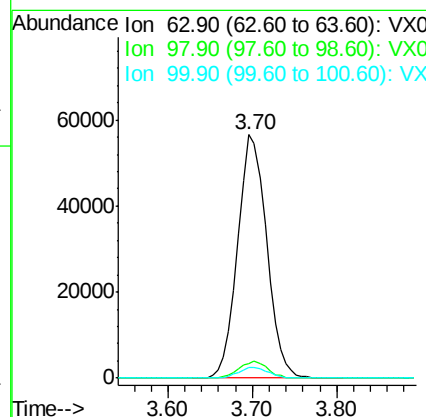
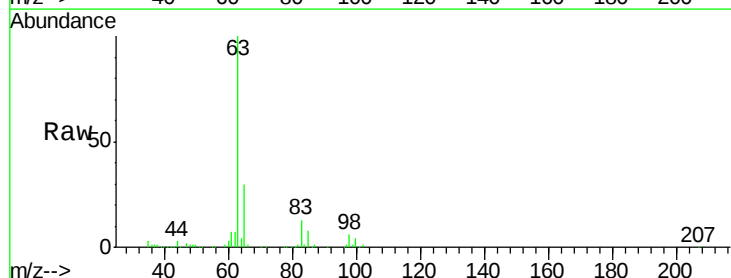
Tgt Ion: 63 Resp: 131945

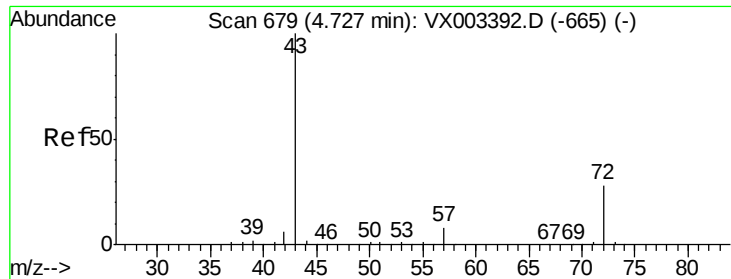
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 98.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 43 Resp: 253522

Ion Ratio Lower Upper

43 100

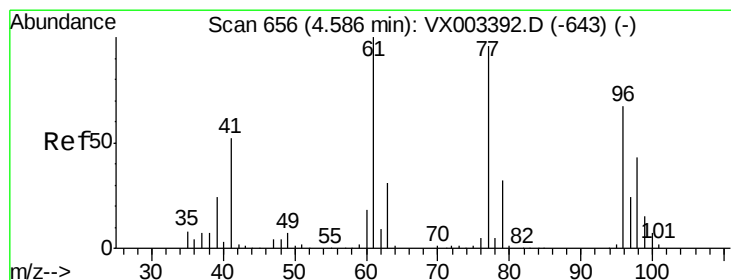
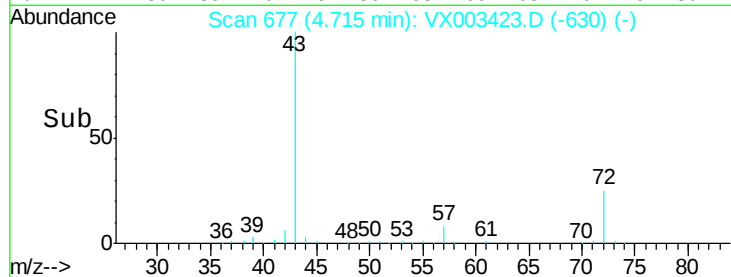
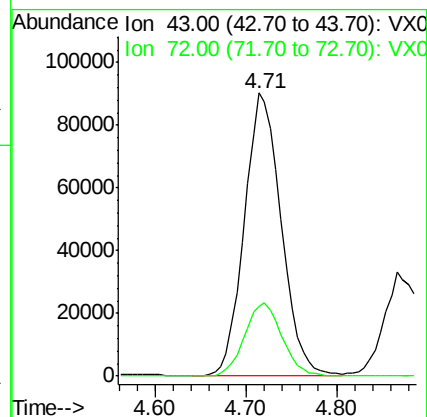
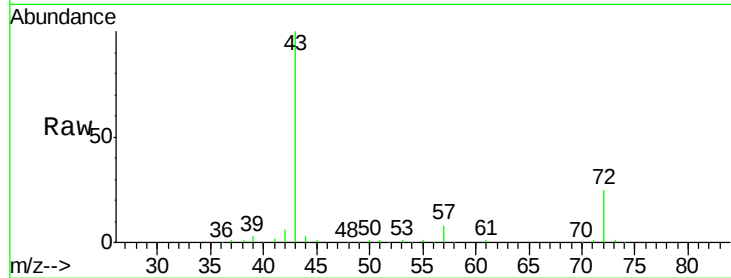
72 24.6 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.69 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003423.D

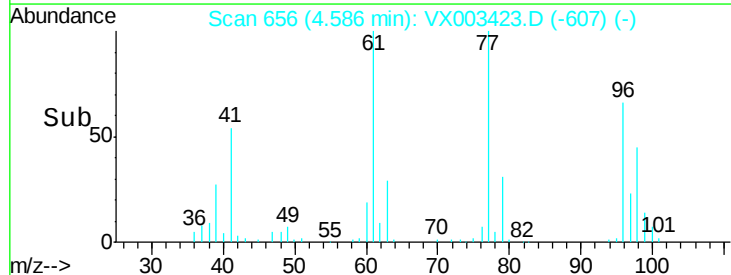
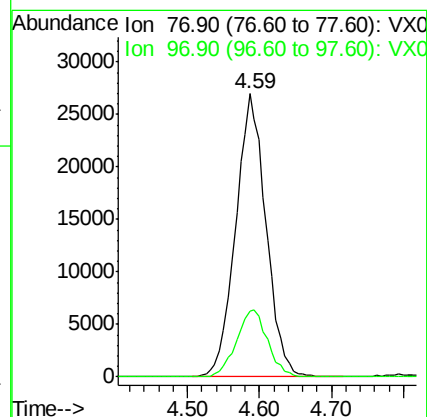
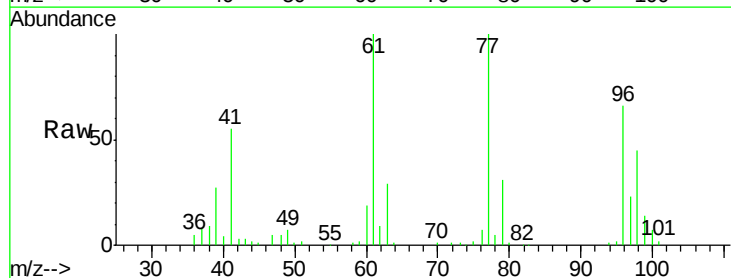
Acq: 17 Jul 2018 13:12

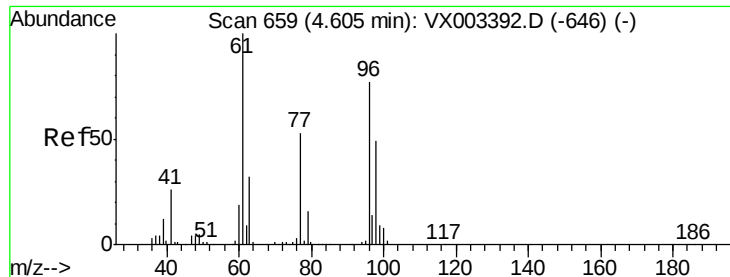
Tgt Ion: 77 Resp: 78654

Ion Ratio Lower Upper

77 100

97 24.3 11.2 33.5





#27

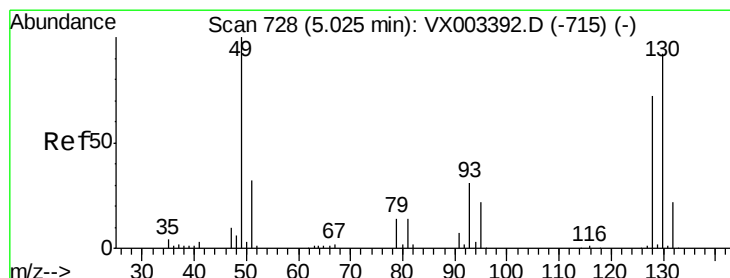
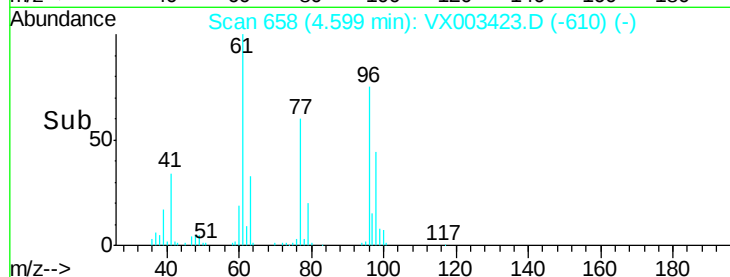
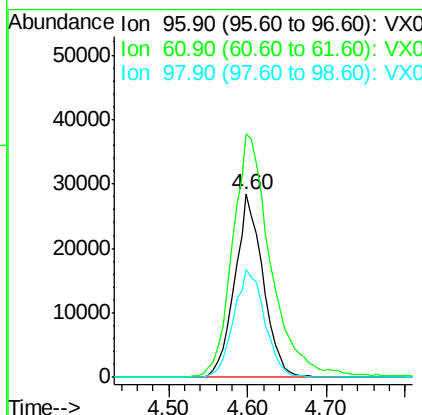
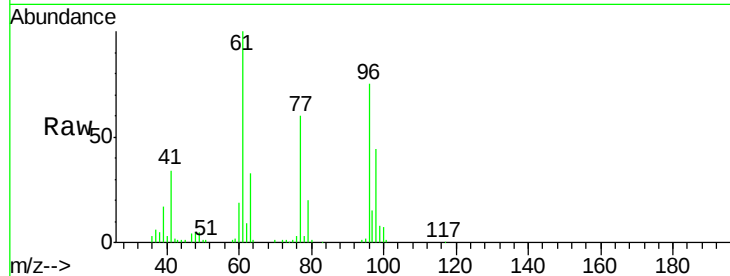
cis-1,2-Dichloroethene
Concen: 19.31 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	179.1	0.0	330.2
98	64.0	0.0	130.2

Manual Integrations
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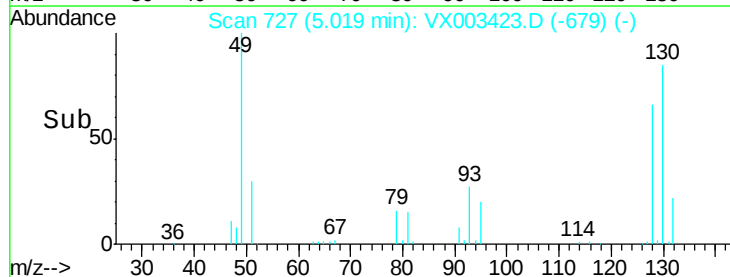
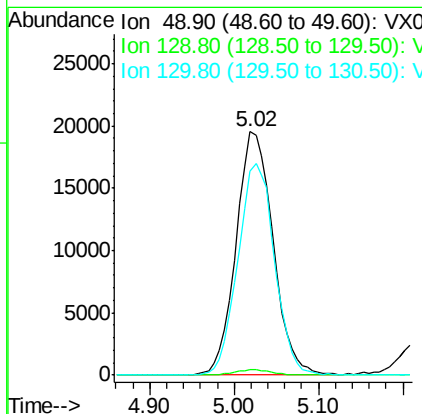
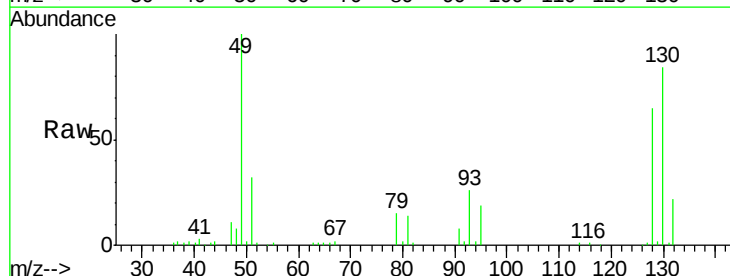
MMDadoda
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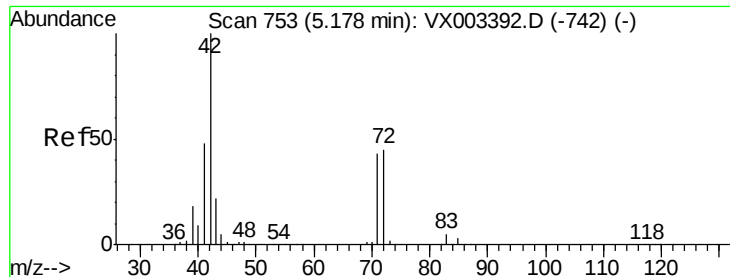


#28

Bromochloromethane
Concen: 21.14 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	86.1	61.2	91.8





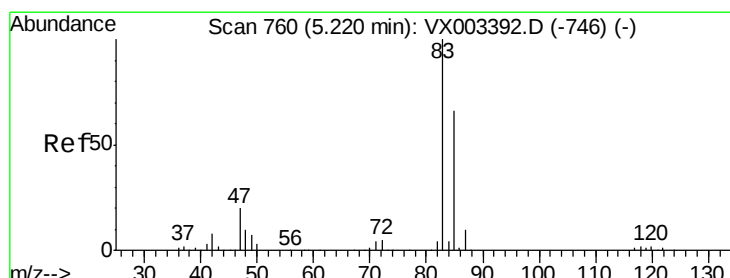
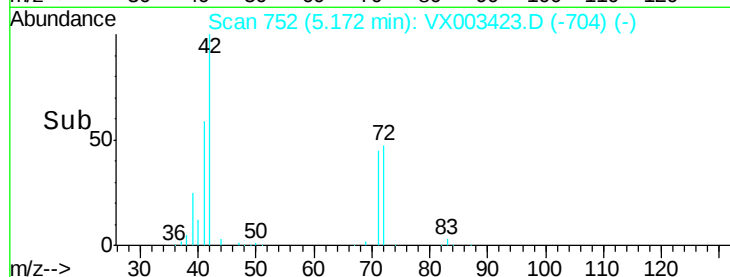
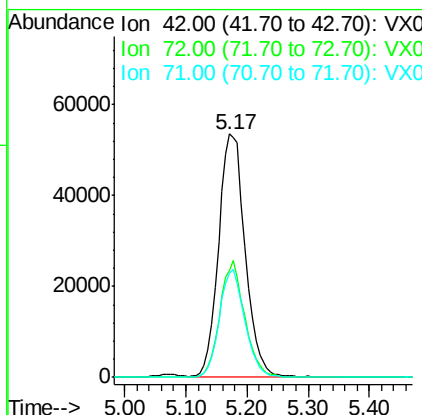
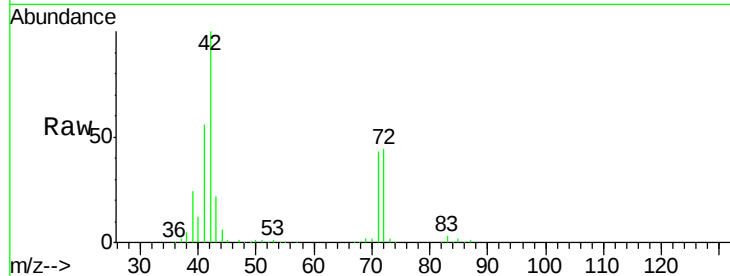
#29
Tetrahydrofuran
Concen: 99.05 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	32.0	48.0
71	42.4	30.1	45.1

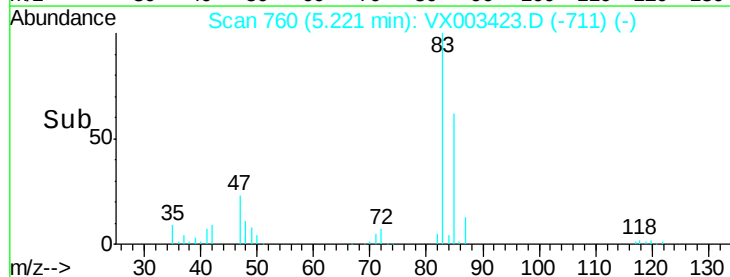
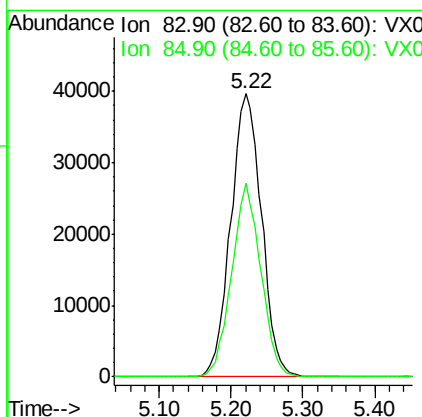
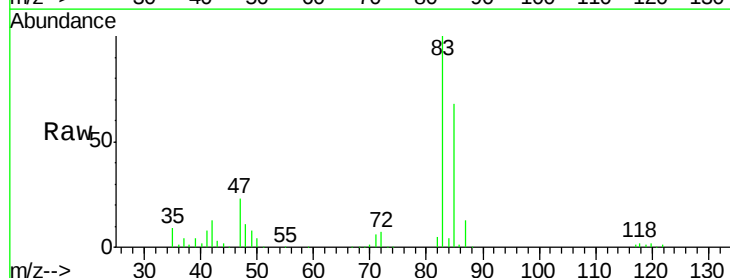
Manual Integrations
APPROVED

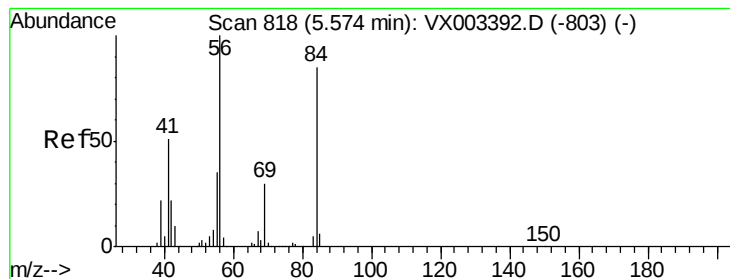
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#30
Chloroform
Concen: 20.15 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	50.4	75.6





#31

Cyclohexane

Concen: 19.89 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

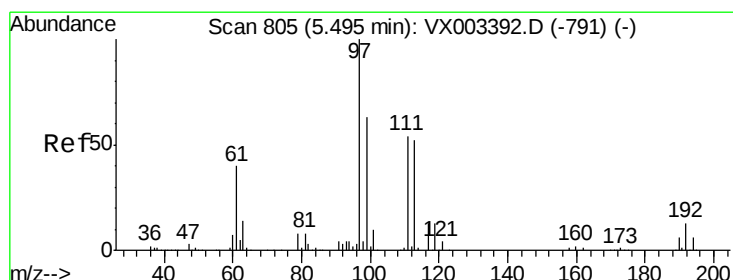
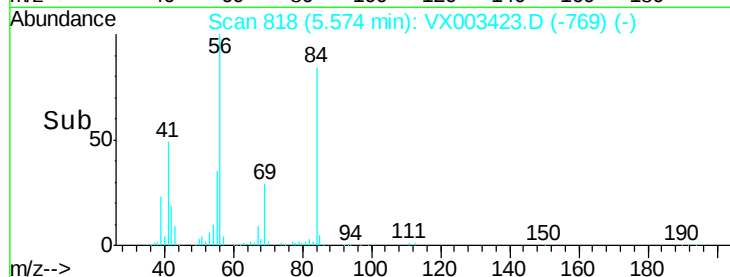
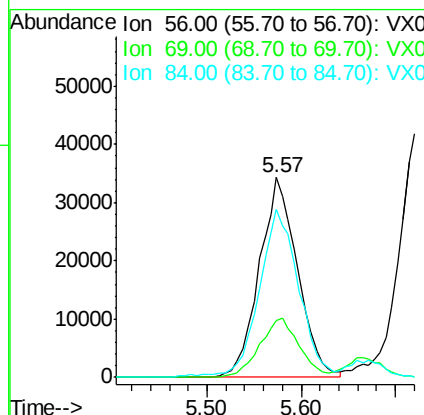
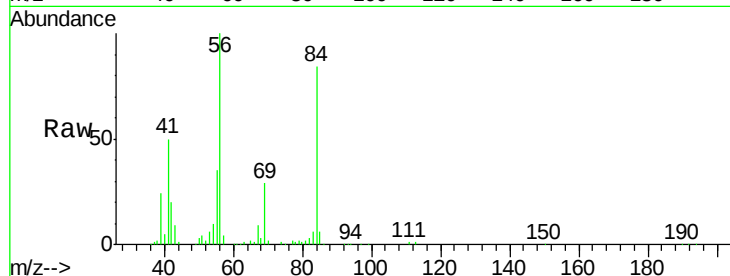
ClientSampleId :

VX0717WBSD01

Tot Ion:	56	Resp:	97287
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.7	35.5
84	83.0	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.11 ug/l

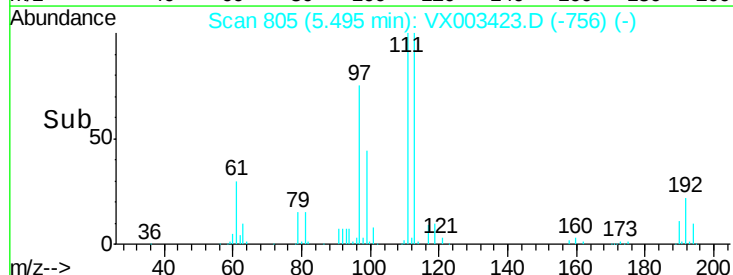
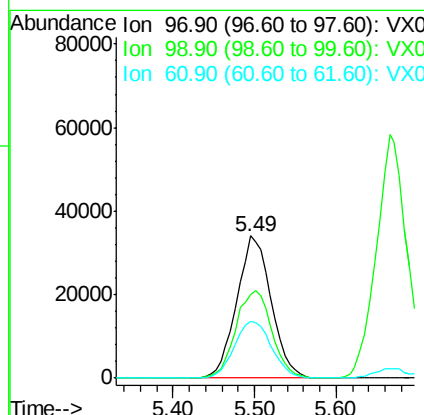
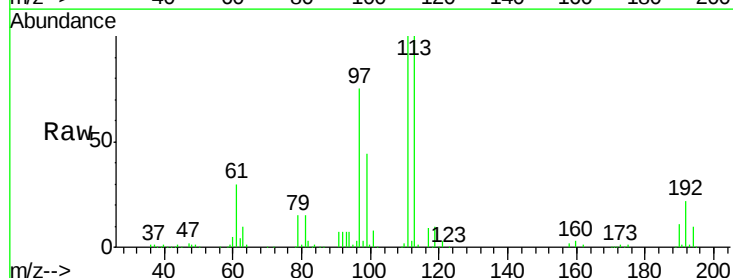
RT: 5.49 min Scan# 805

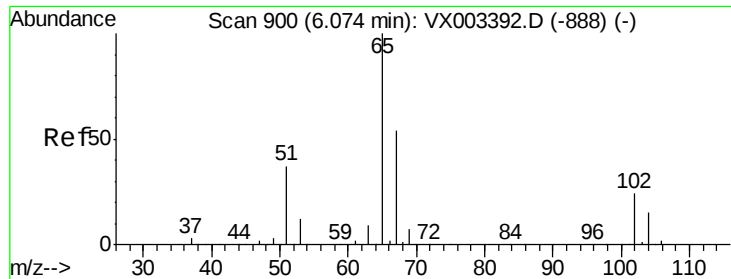
Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Tgt Ion:	97	Resp:	99823
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	43.2	36.4	54.6





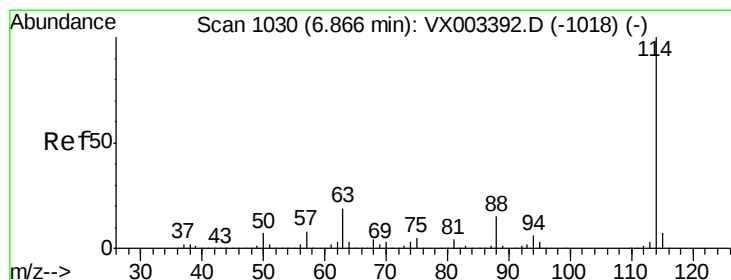
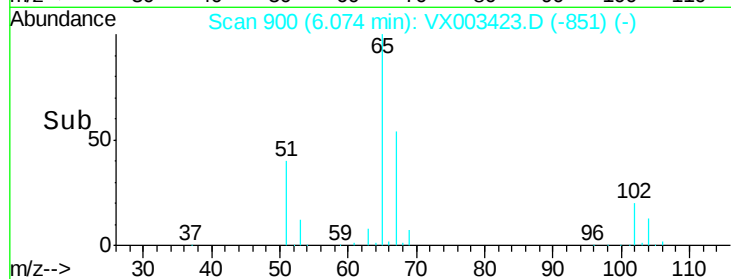
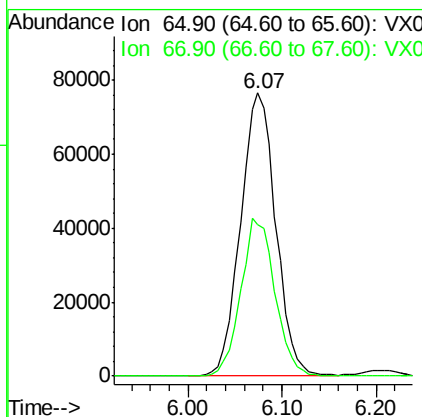
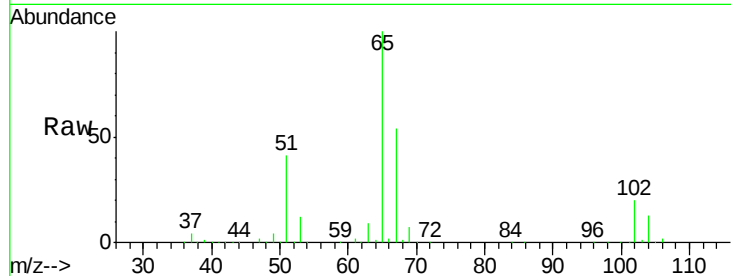
#33
 1,2-Dichloroethane-d4
 Concen: 50.77 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	200178		
67	54.1	0.0	102.6	

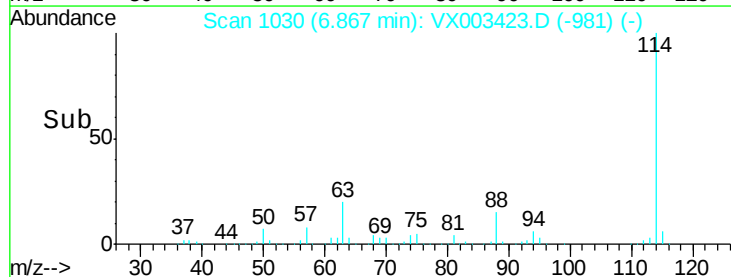
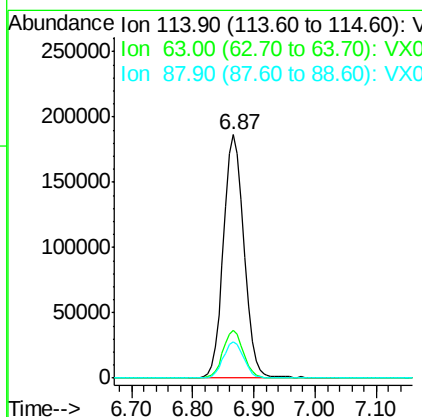
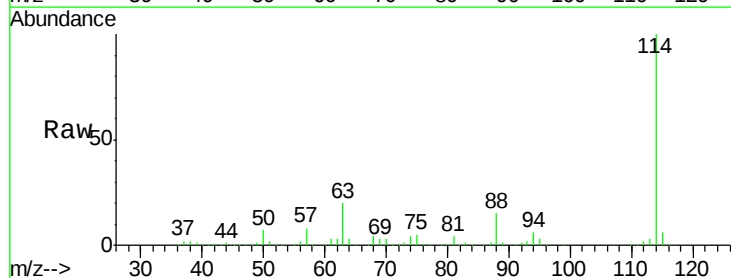
Manual Integrations
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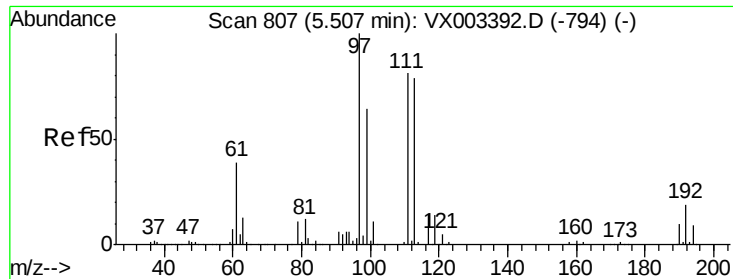
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	433905		
63	19.6	0.0	41.4	
88	15.0	0.0	30.0	





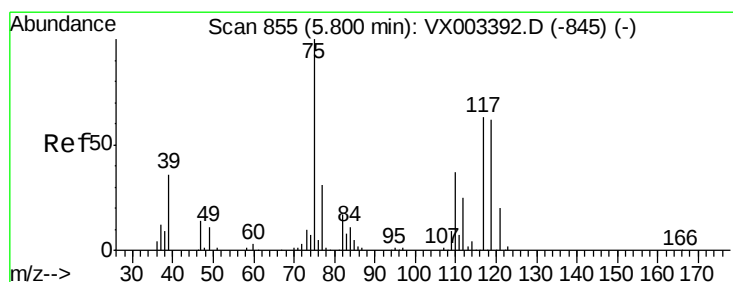
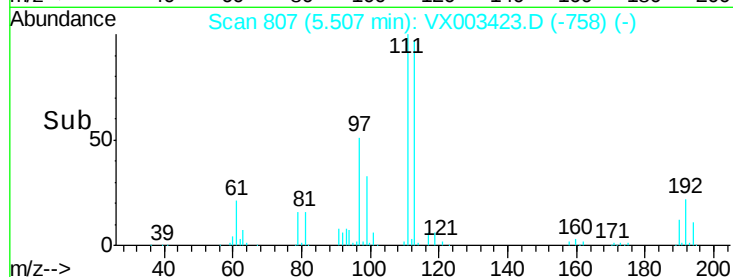
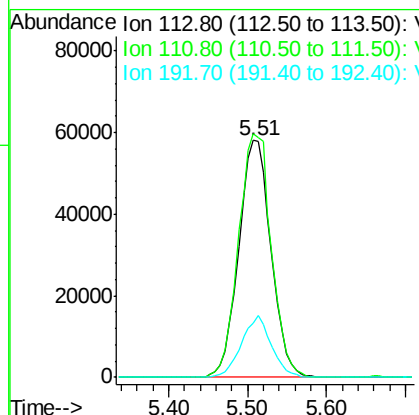
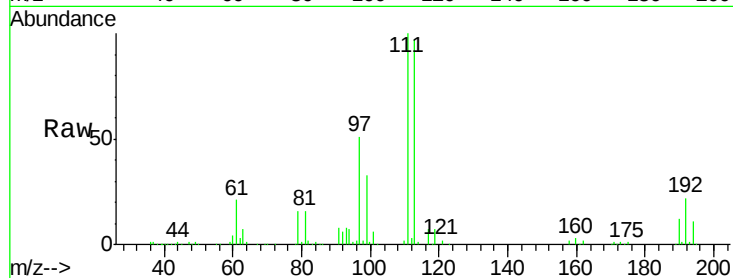
#35
 Dibromofluoromethane
 Concen: 47.04 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165139		
111	104.6	81.4	122.0	
192	24.0	19.1	28.7	

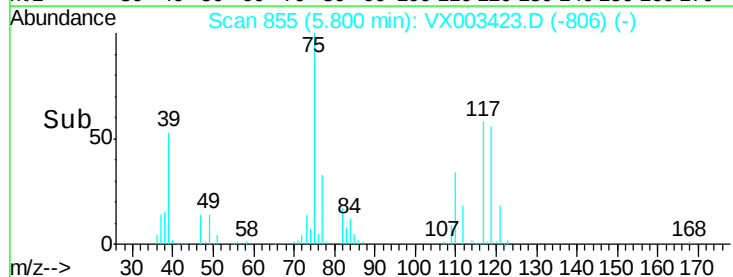
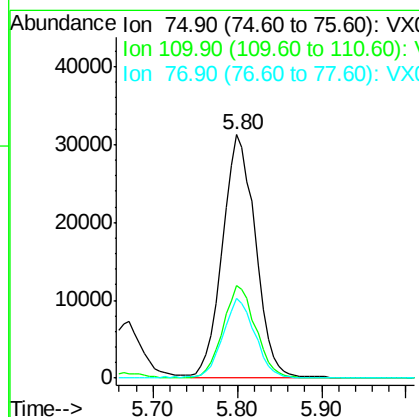
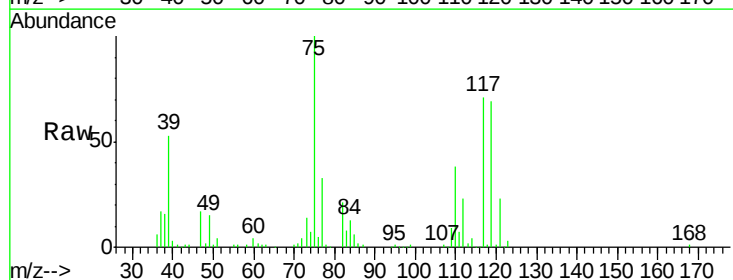
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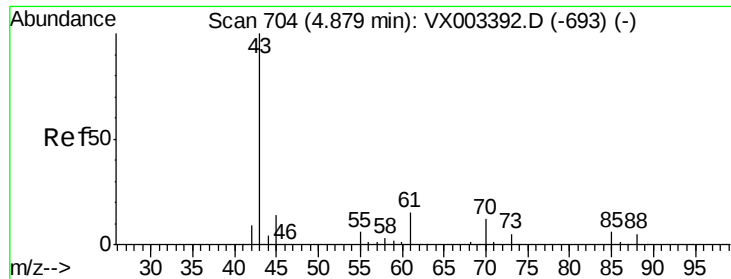
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#36
 1,1-Dichloropropene
 Concen: 19.09 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83877		
110	37.6	18.1	54.4	
77	31.3	24.3	36.5	





#37

Ethyl Acetate

Concen: 18.89 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

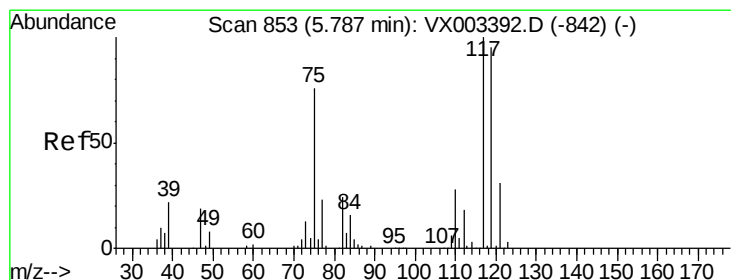
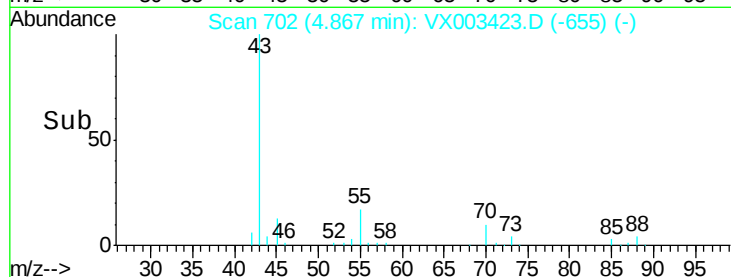
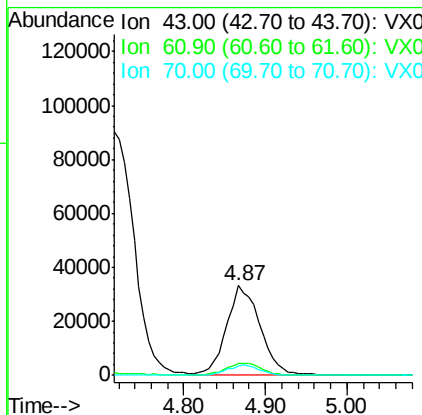
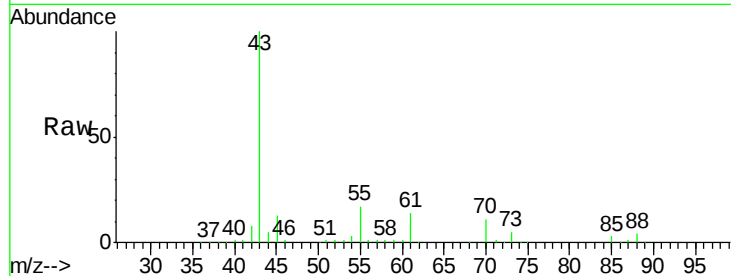
ClientSampleId :

VX0717WBSD01

Tot Ion:	43	Resp:	93532
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.4	15.6
70	11.1	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.28 ug/l

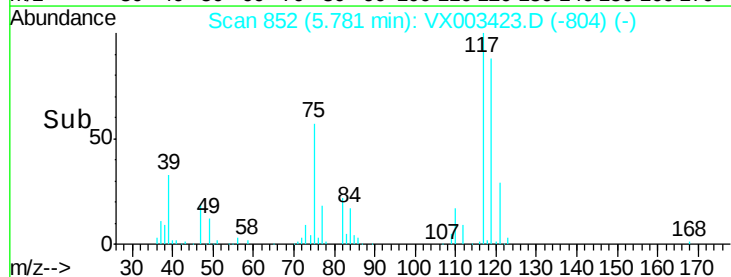
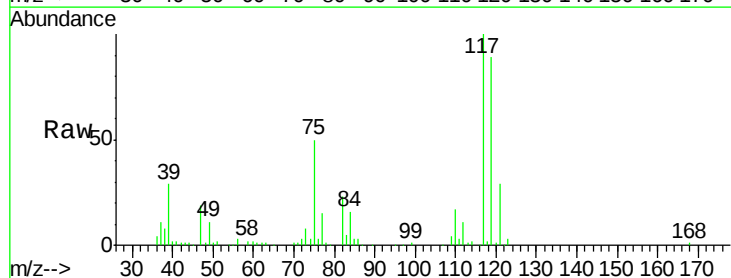
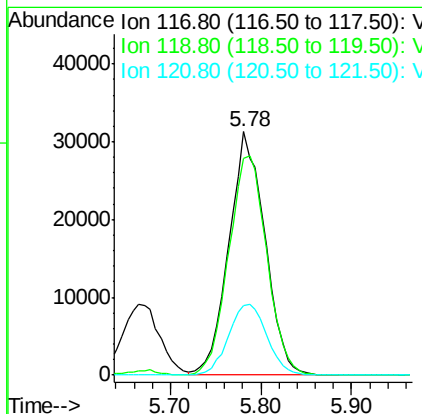
RT: 5.78 min Scan# 852

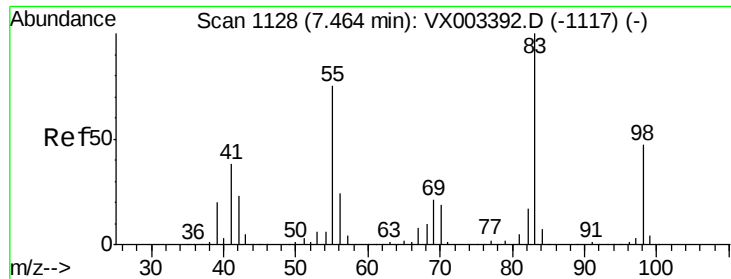
Delta R.T. -0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Tgt Ion:	117	Resp:	86198
Ion	Ratio	Lower	Upper
117	100		
119	89.1	77.4	116.0
121	28.6	24.4	36.6





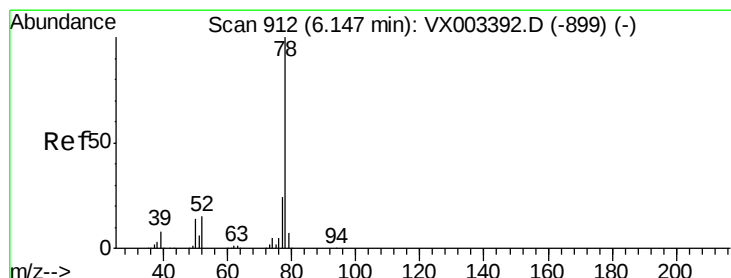
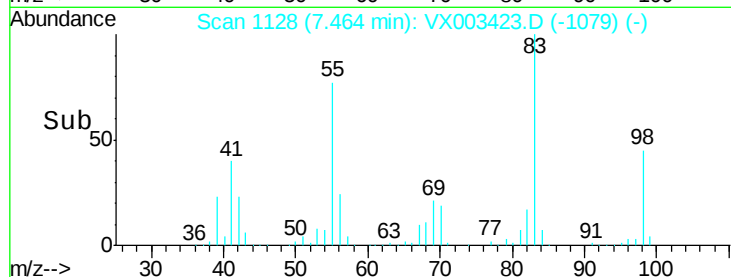
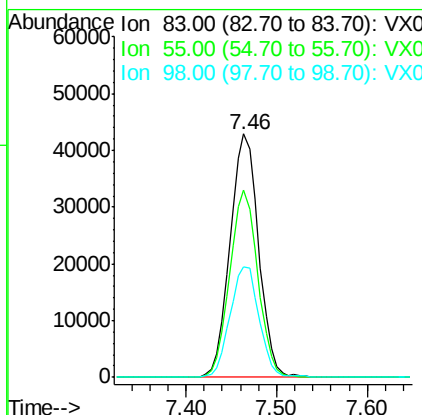
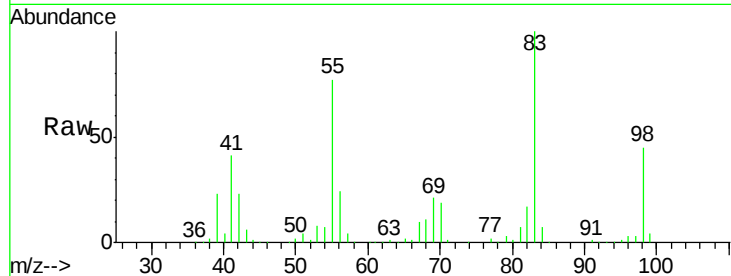
#39
Methvlcvclohexane
Concen: 18.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	65.4	98.0
98	45.3	37.4	56.0

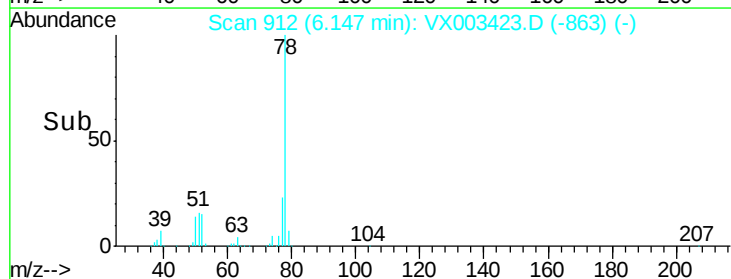
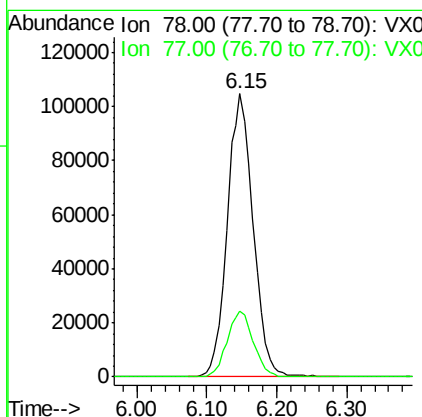
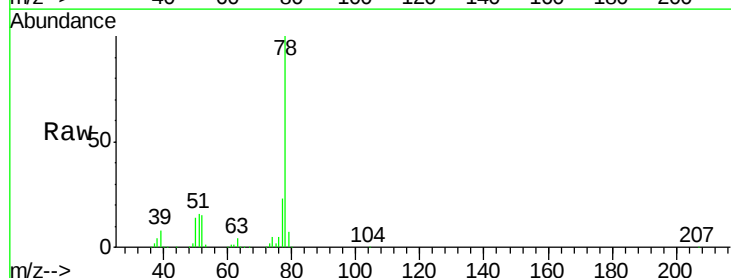
Manual Integrations
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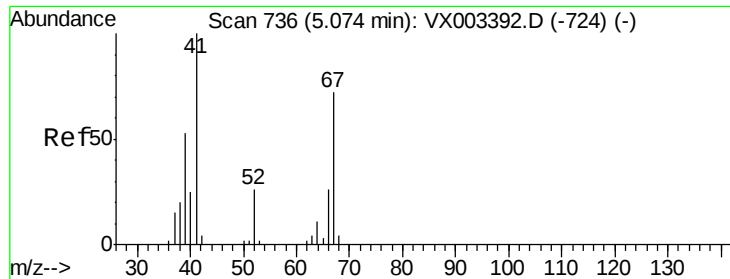
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#40
Benzene
Concen: 20.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7





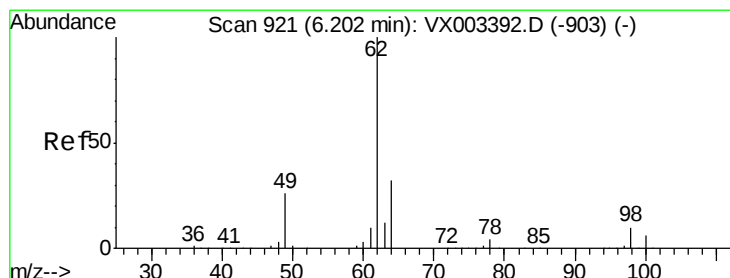
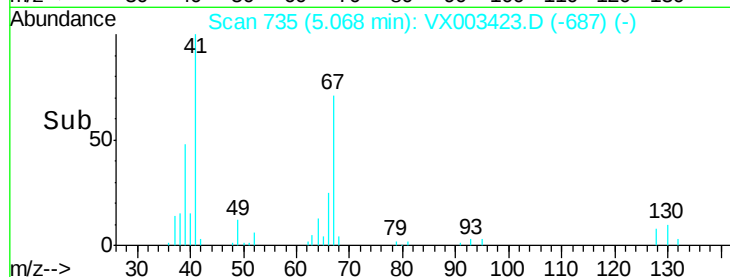
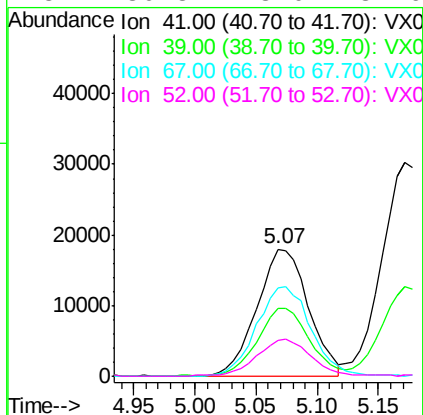
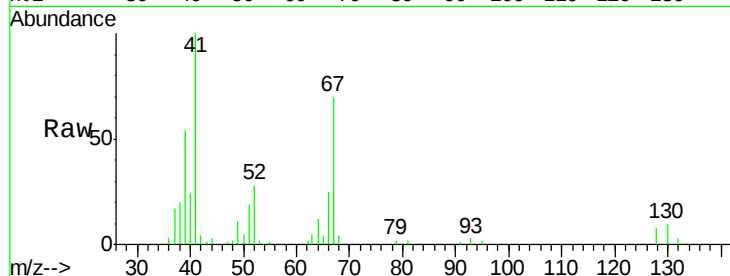
#41
Methacrylonitrile
Concen: 19.39 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	41	Resp	52808
Ion Ratio	Lower	Upper	
41	100		
39	54.1	45.8	68.6
67	74.4	51.3	76.9
52	30.8	23.0	34.6

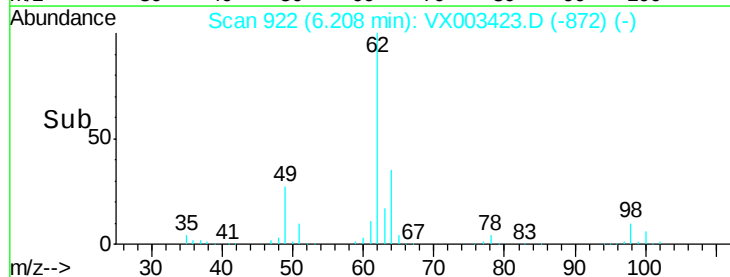
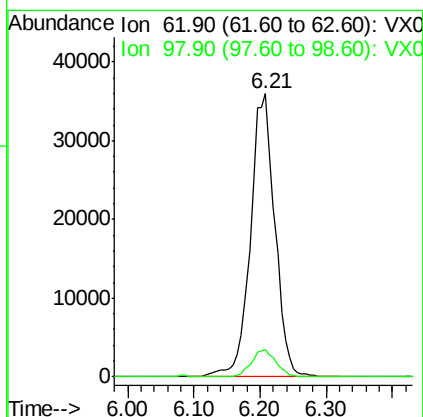
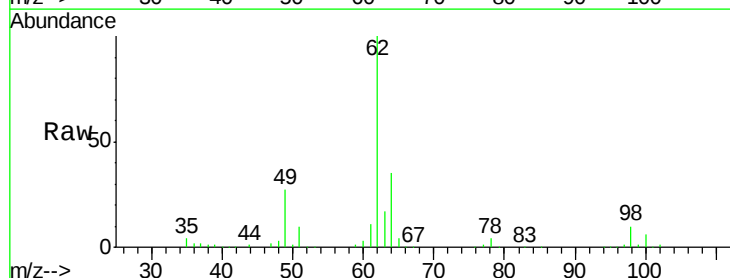
Manual Integrations
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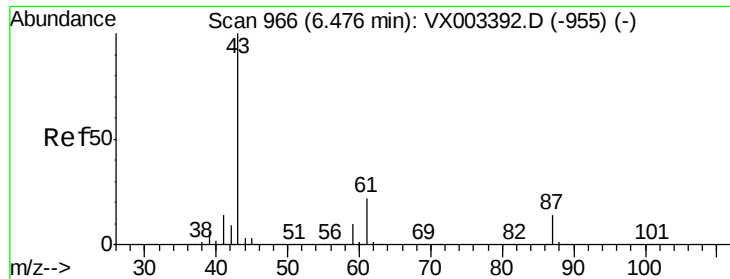
MMDadoda
7/18/2018 12:58:24 PM



#42
1,2-Dichloroethane
Concen: 20.27 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	62	Resp	92952
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	16.6





#43

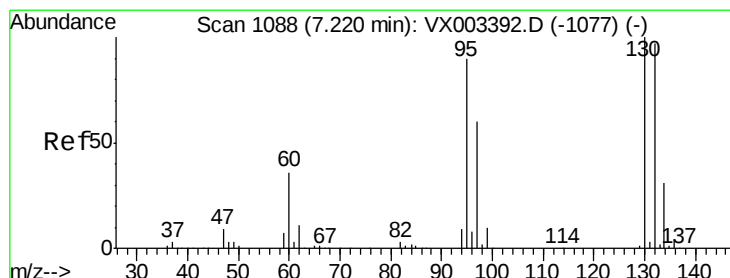
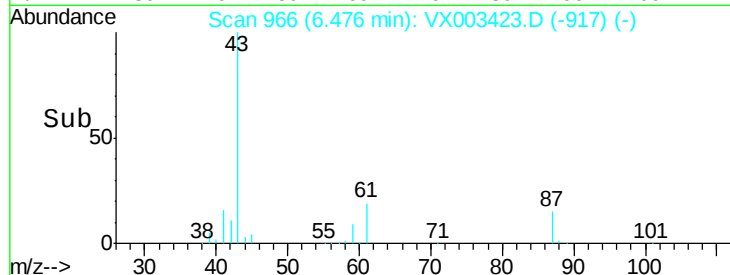
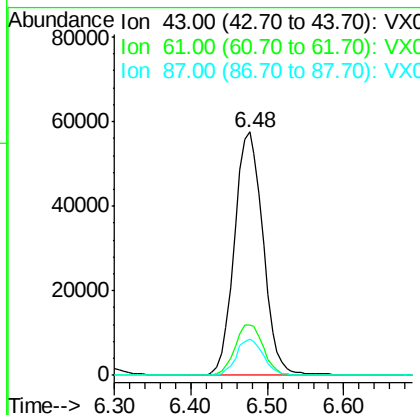
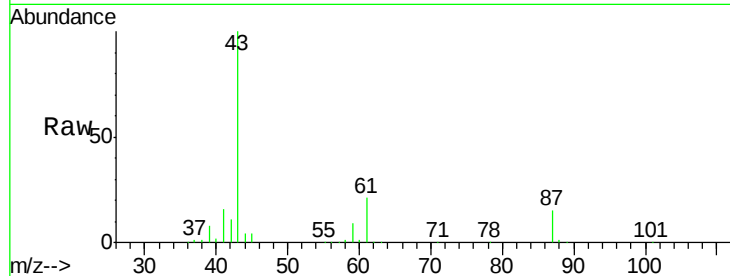
Isopropyl Acetate
 Concen: 19.88 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	14.4	21.6
87	14.1	9.5	14.3

Manual Integrations
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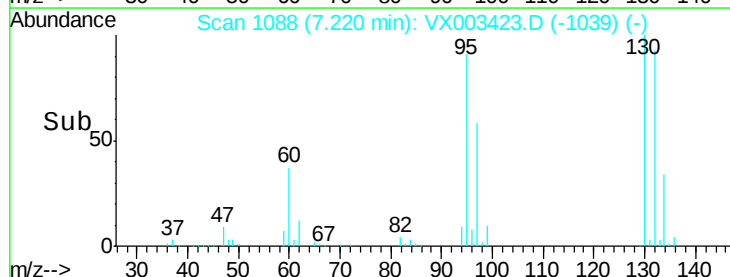
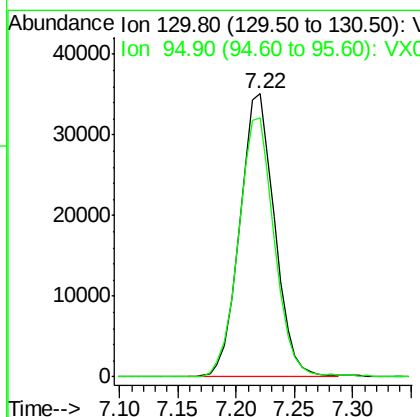
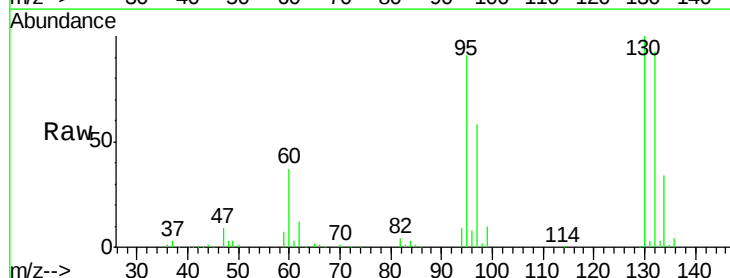
MMDadoda
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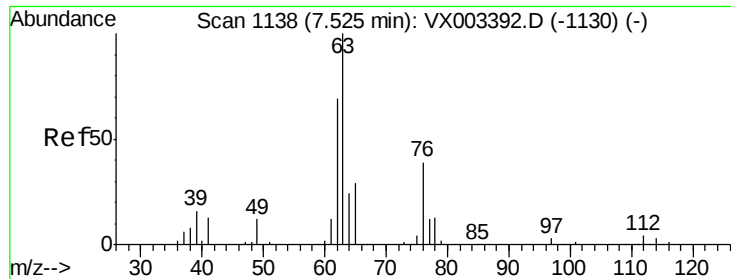


#44

Trichloroethene
 Concen: 18.98 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.4





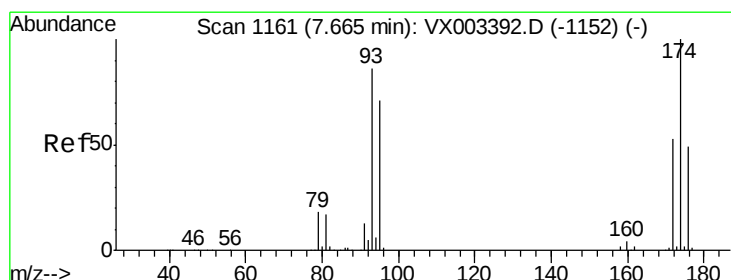
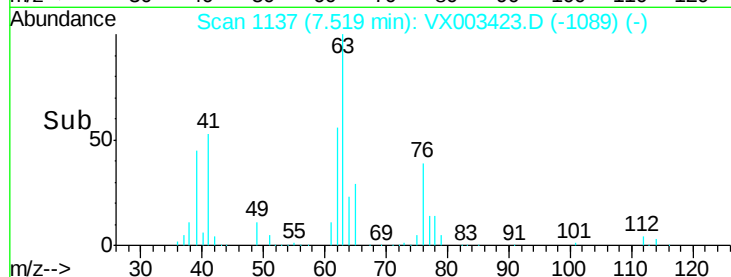
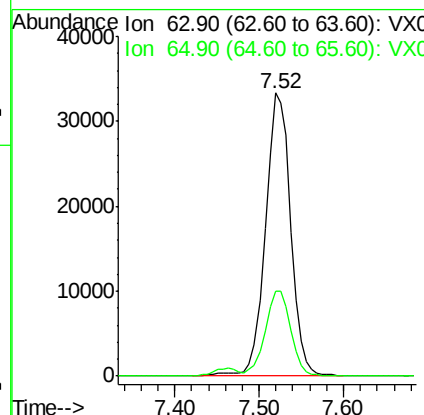
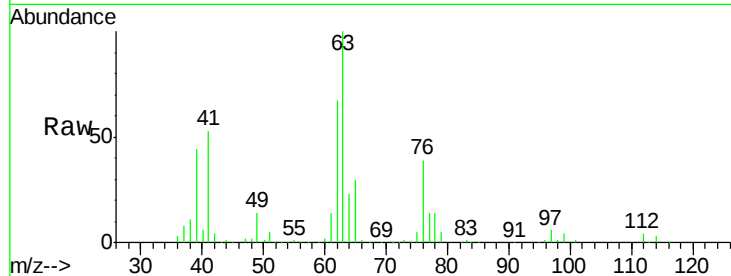
#45
 1,2-Dichloropropane
 Concen: 19.78 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion: 63 Resp: 68772
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

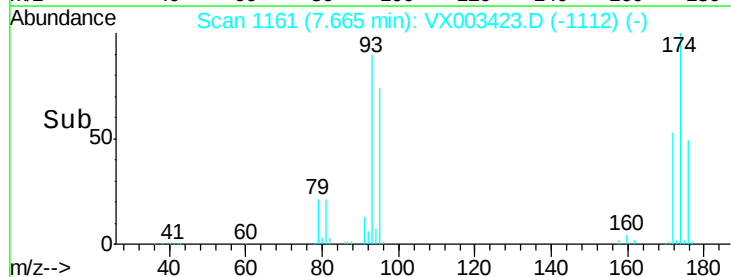
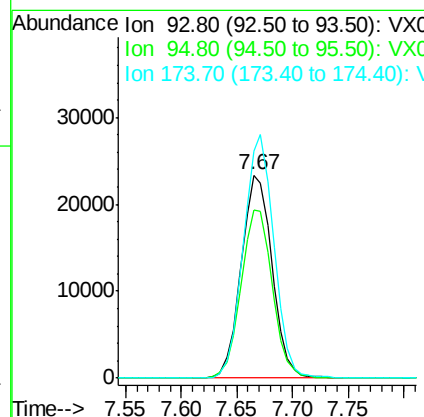
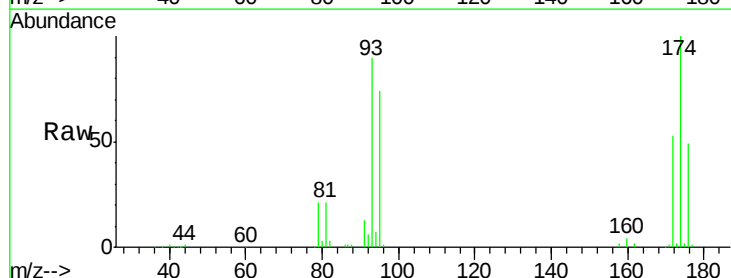
Manual Integrations
 APPROVED

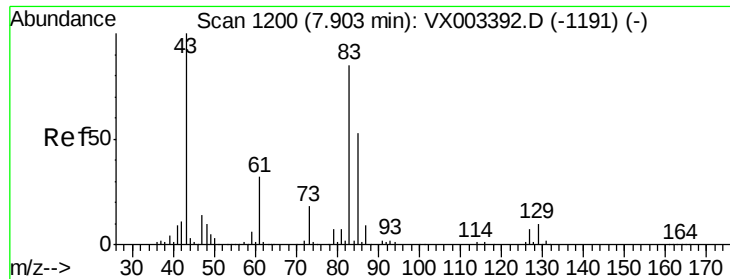
MMDadoda
 7/18/2018 12:58:24 PM



#46
 Dibromomethane
 Concen: 19.43 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion: 93 Resp: 44986
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.9 98.9
 174 118.0 92.4 138.6





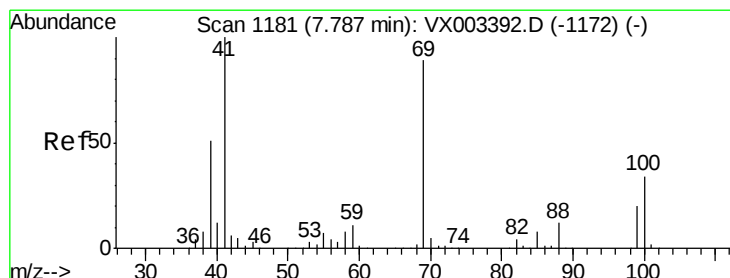
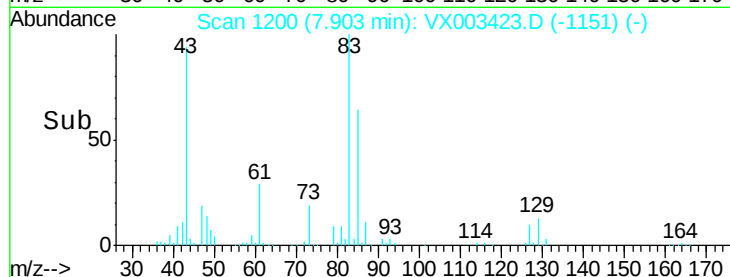
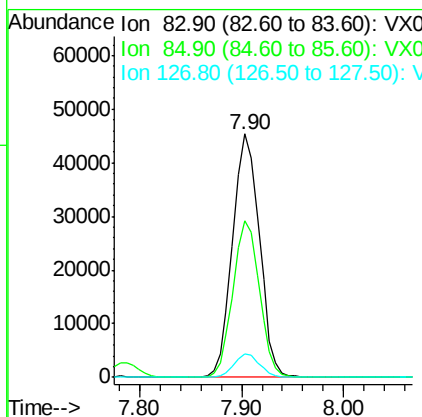
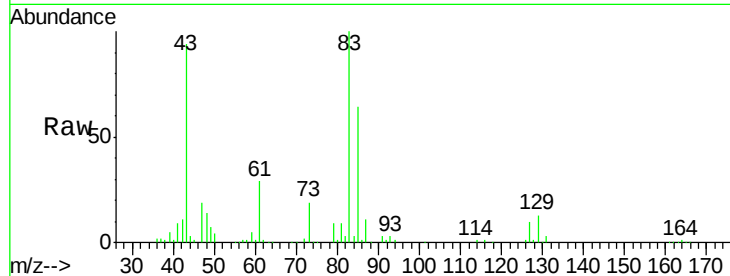
#47
Bromodichloromethane
Concen: 19.50 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5
127	9.6	7.0	10.4

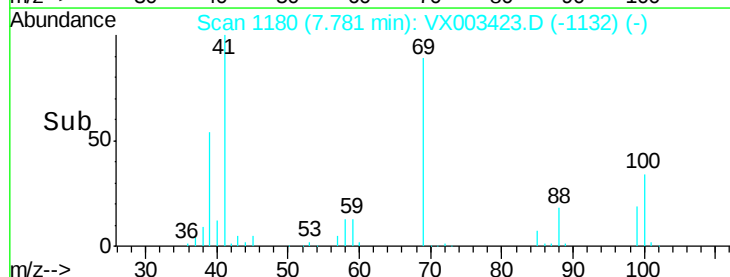
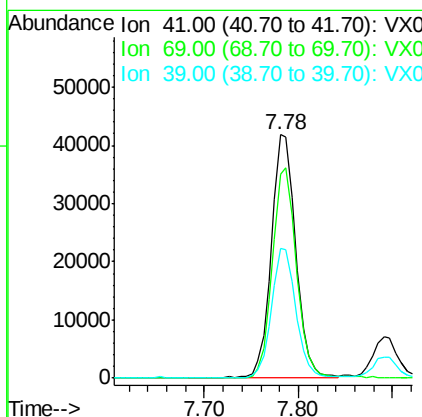
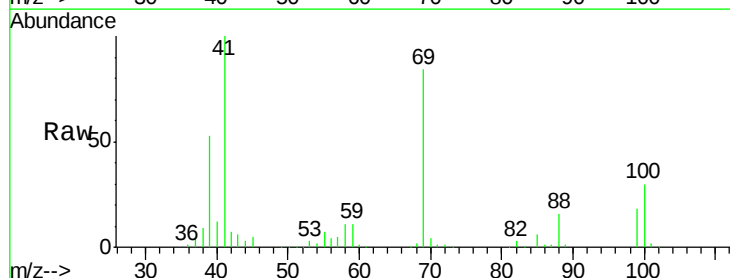
Manual Integrations
APPROVED

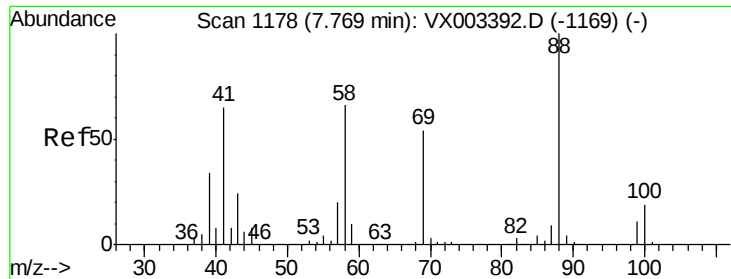
MMDadoda
7/18/2018 12:58:24 PM



#48
Methyl methacrylate
Concen: 19.86 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.9	59.1	88.7
39	52.9	48.9	73.3





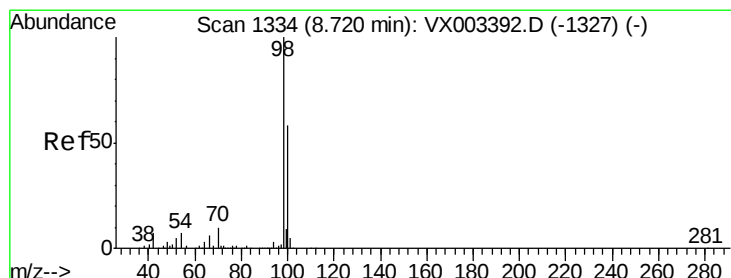
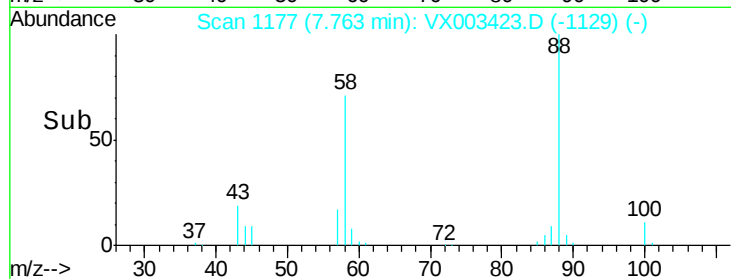
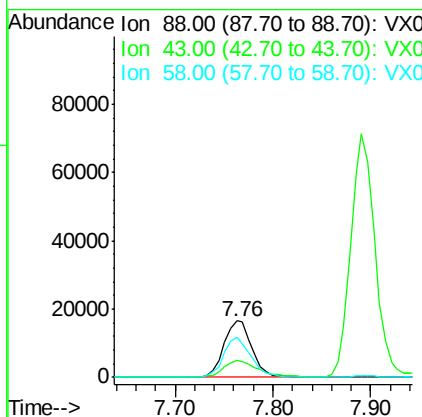
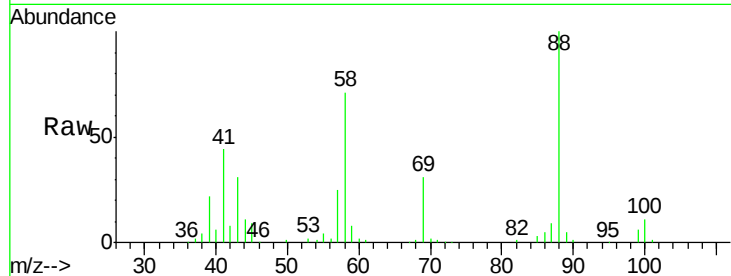
#49
1,4-Dioxane
Concen: 376.93 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	29.8	44.6
58	70.1	57.1	85.7

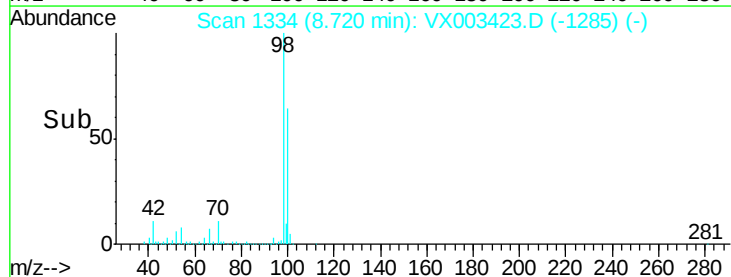
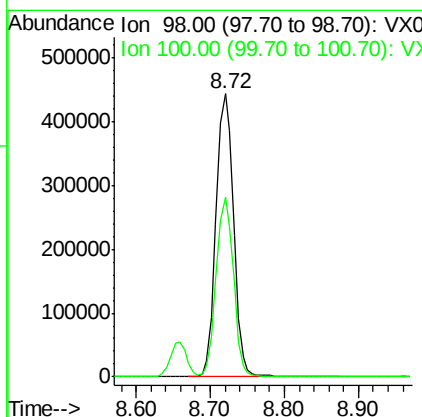
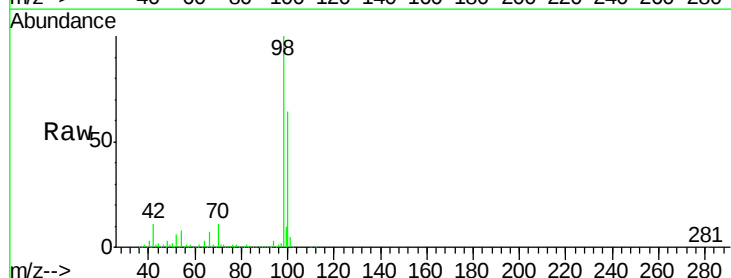
Manual Integrations
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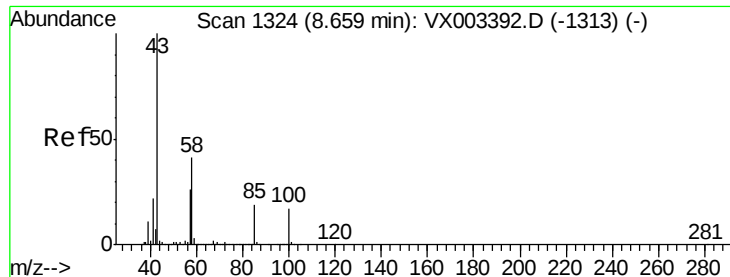
MMDadoda
7/18/2018 12:58:24 PM



#50
Toluene-d8
Concen: 55.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 110.43 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 43 Resp: 543228

Ion Ratio Lower Upper

43 100

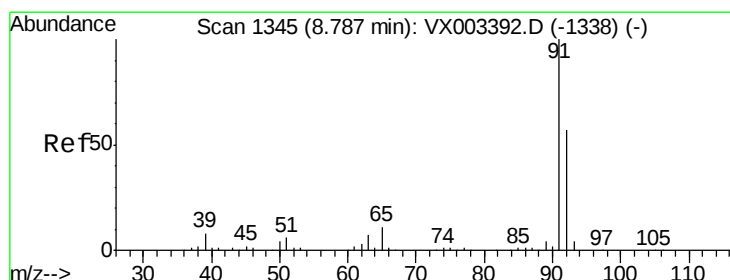
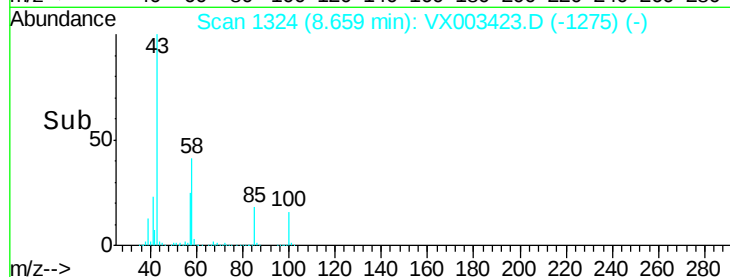
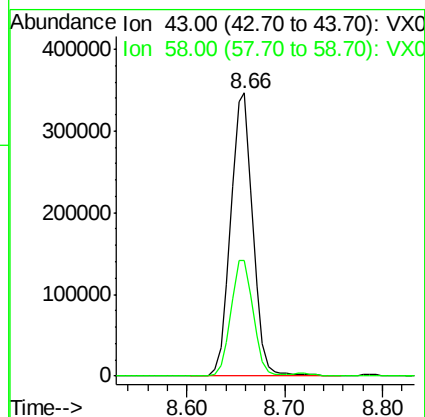
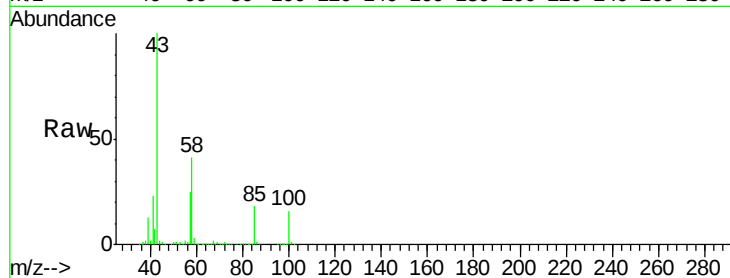
58 41.1 28.6 42.8

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 22.56 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003423.D

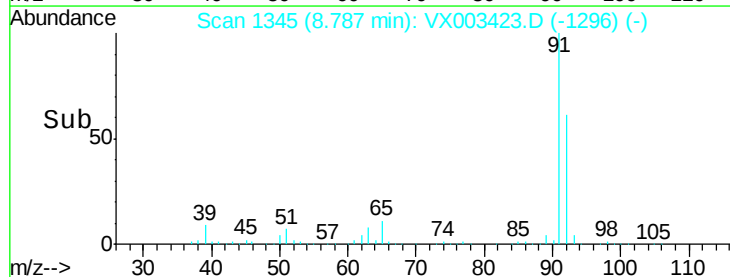
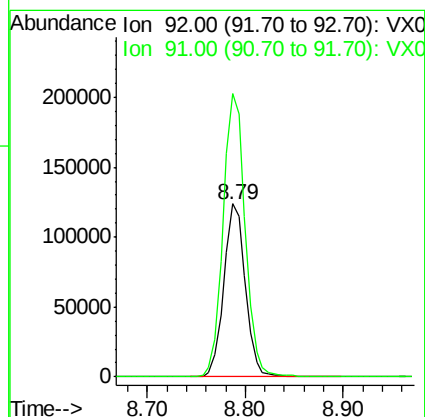
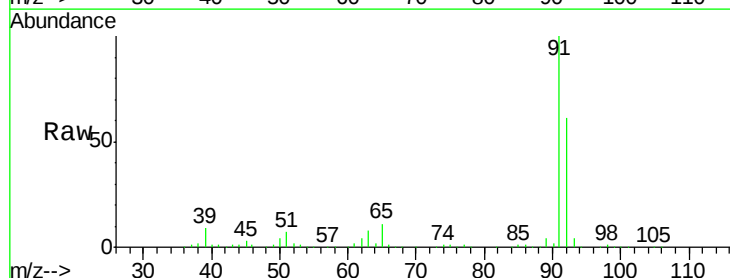
Acq: 17 Jul 2018 13:12

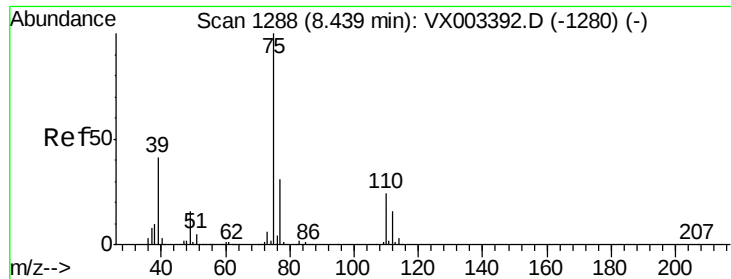
Tgt Ion: 92 Resp: 188838

Ion Ratio Lower Upper

92 100

91 168.7 140.4 210.6





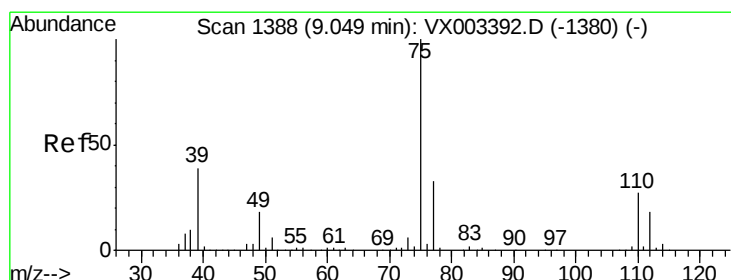
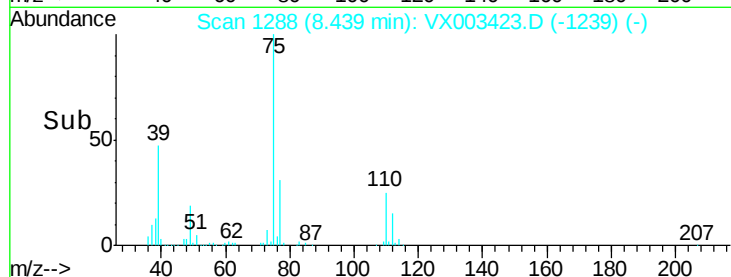
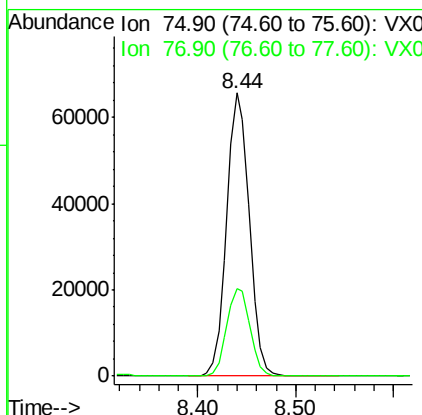
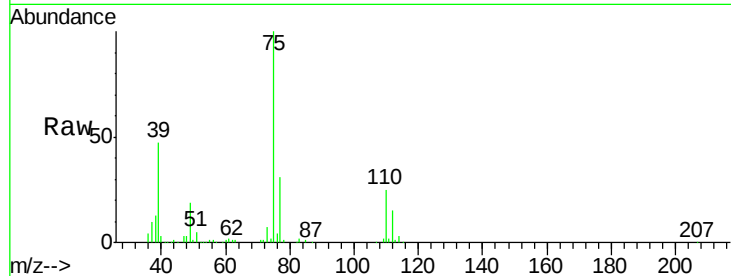
#53
t-1,3-Dichloropropene
Concen: 21.01 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion: 75 Resp: 105213
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

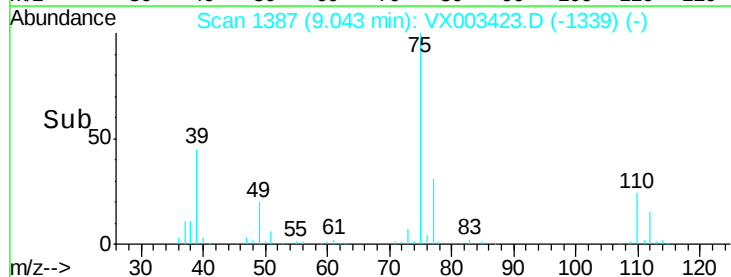
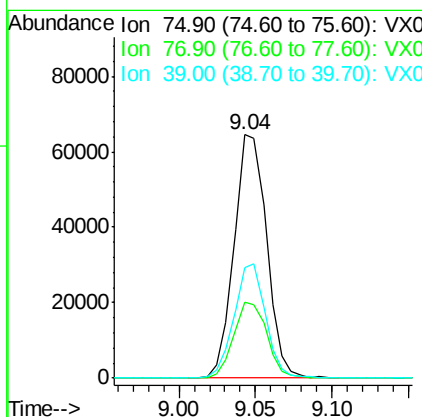
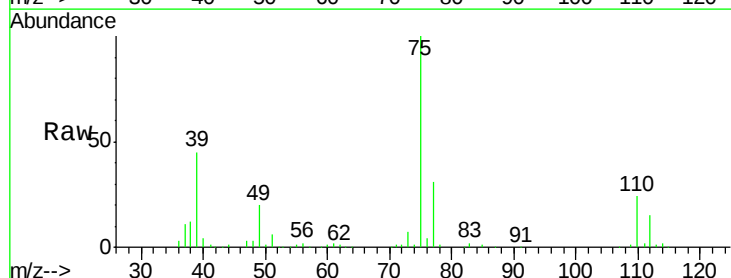
Manual Integrations
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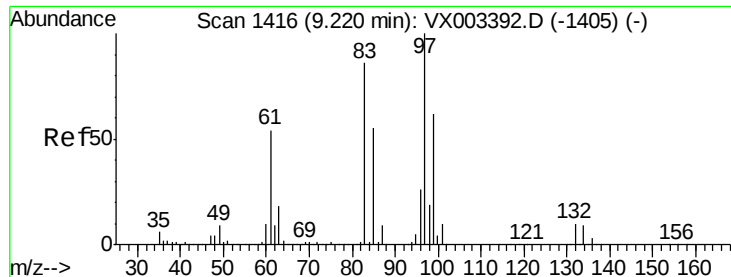
MMDadoda
7/18/2018 12:58:24 PM



#54
cis-1,3-Dichloropropene
Concen: 20.88 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion: 75 Resp: 95431
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 45.1 42.4 63.6





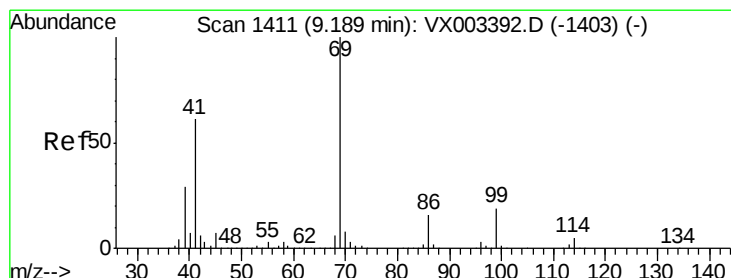
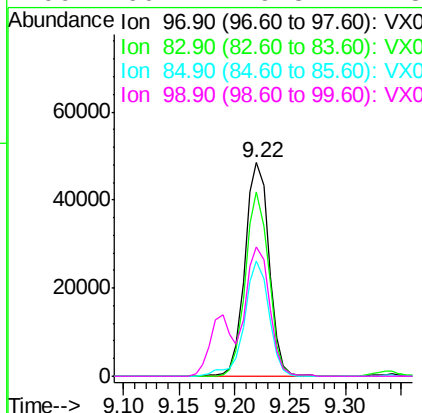
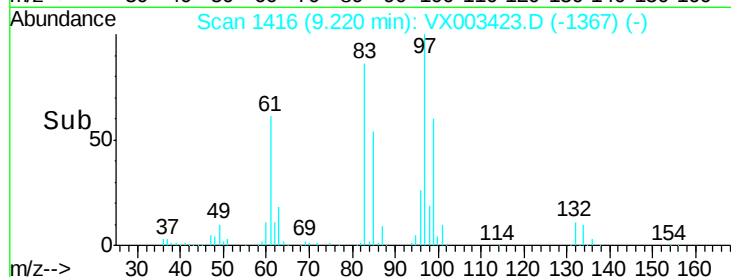
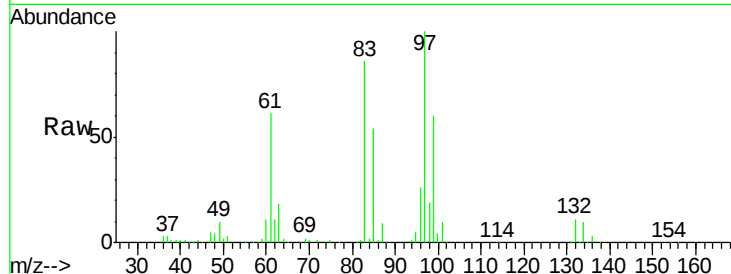
#55
1,1,2-Trichloroethane
Concen: 20.92 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion:	97	Resp:	73162
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.2
85	53.7	44.9	67.3
99	60.1	49.8	74.8

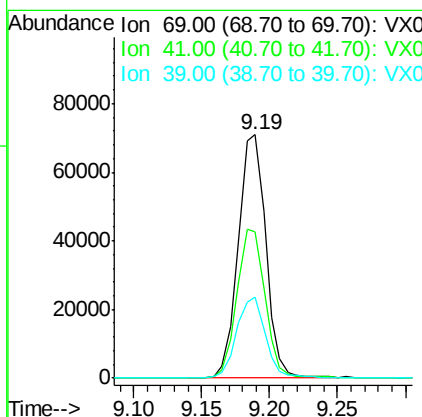
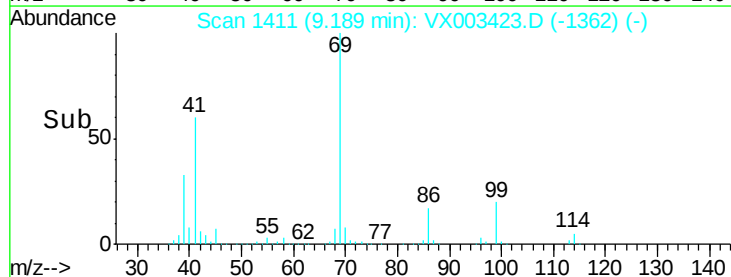
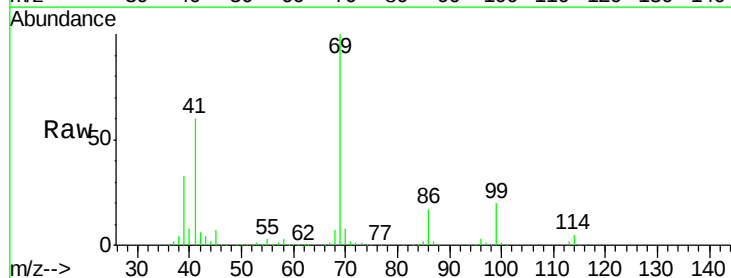
Manual Integrations
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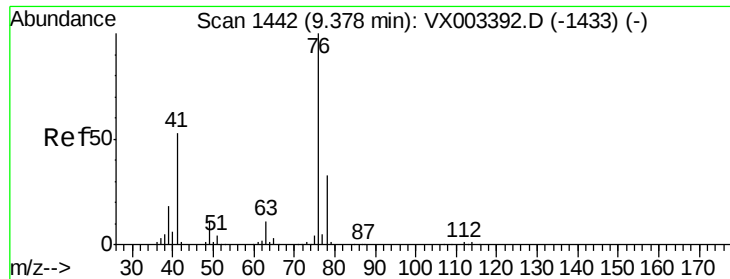
MMDadoda
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#56
Ethyl methacrylate
Concen: 20.32 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion:	69	Resp:	100595
Ion	Ratio	Lower	Upper
69	100		
41	62.6	60.3	90.5
39	34.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 76 Resp: 112871

Ion Ratio Lower Upper

76 100

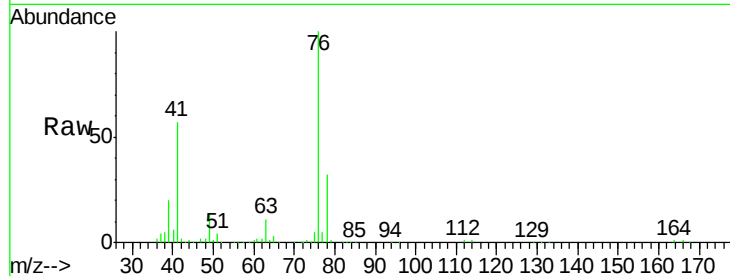
78 32.4 25.8 38.6

Manual Integrations

APPROVED

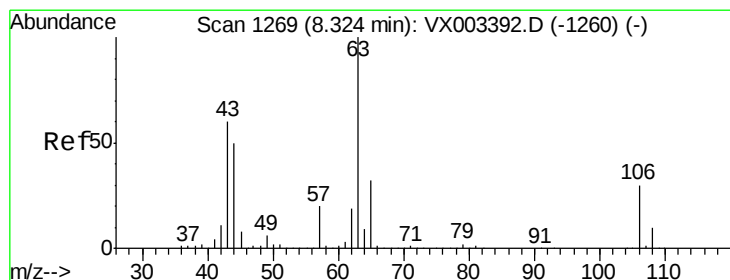
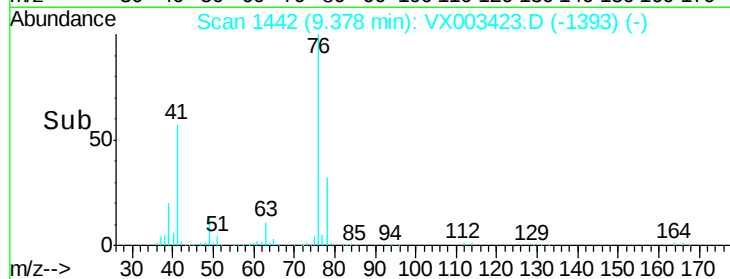
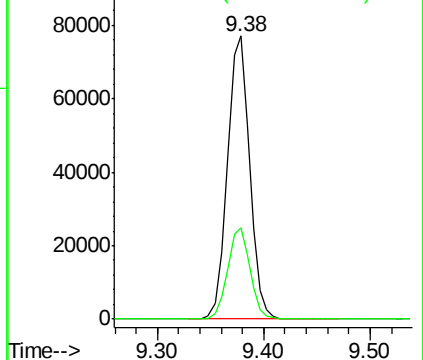
MMDadoda

7/18/2018 12:58:24 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 115.90 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX003423.D

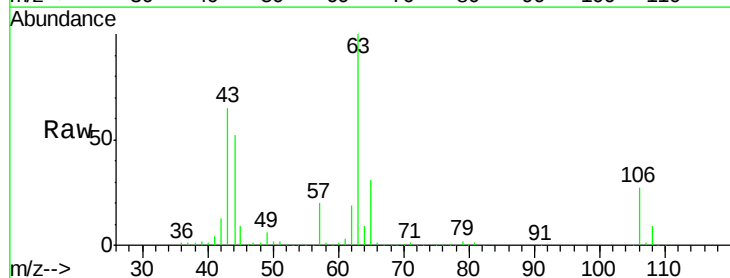
Acq: 17 Jul 2018 13:12

Tgt Ion: 63 Resp: 287770

Ion Ratio Lower Upper

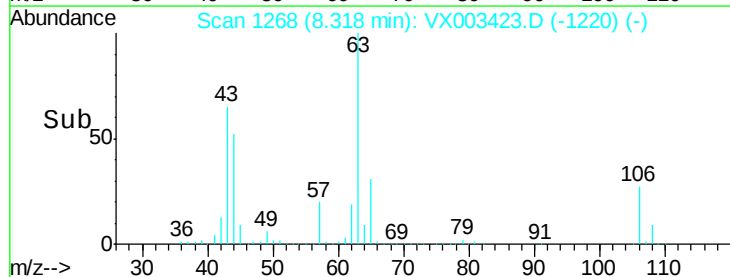
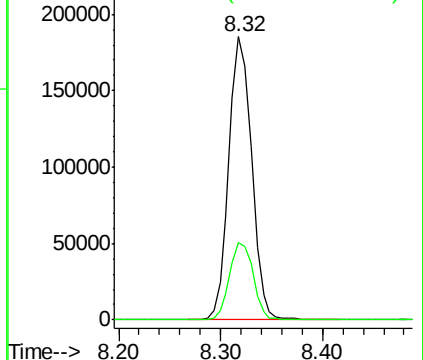
63 100

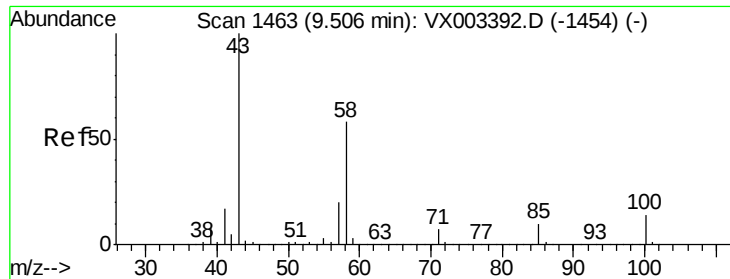
106 28.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





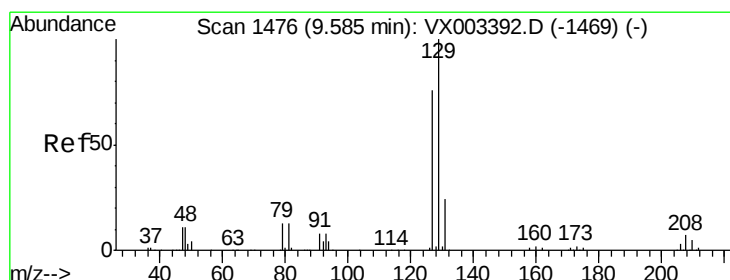
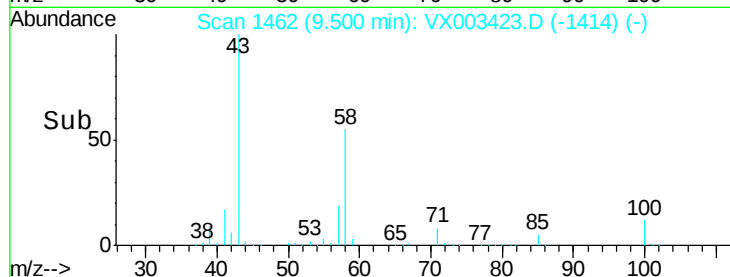
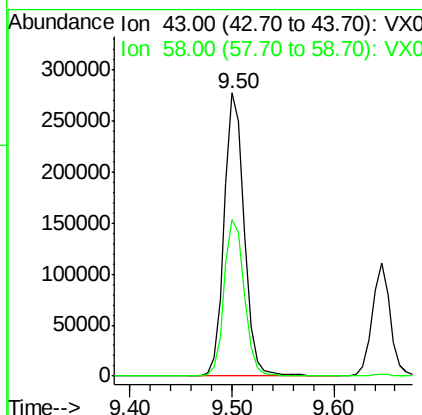
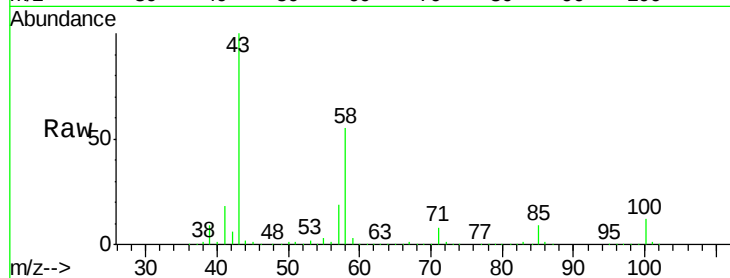
#59
2-Hexanone
Concen: 99.87 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion: 43 Resp: 377448
Ion Ratio Lower Upper
43 100
58 56.2 24.6 73.6

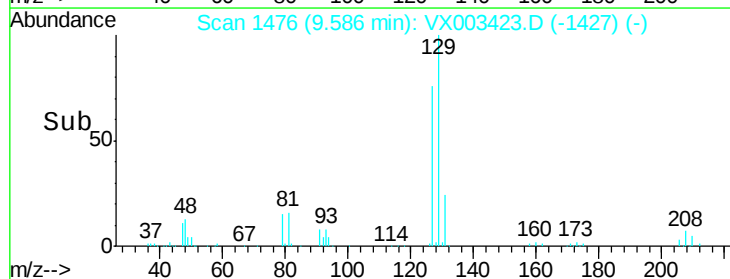
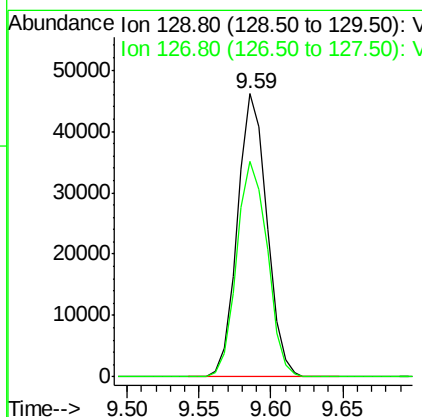
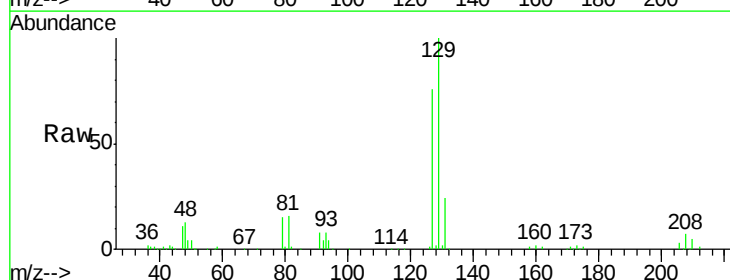
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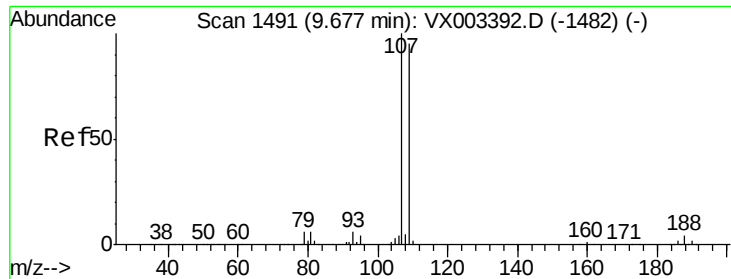
MMDadoda
7/18/2018 12:58:24 PM



#60
Dibromochloromethane
Concen: 18.91 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion: 129 Resp: 65724
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion:107 Resp: 70892

Ion Ratio Lower Upper

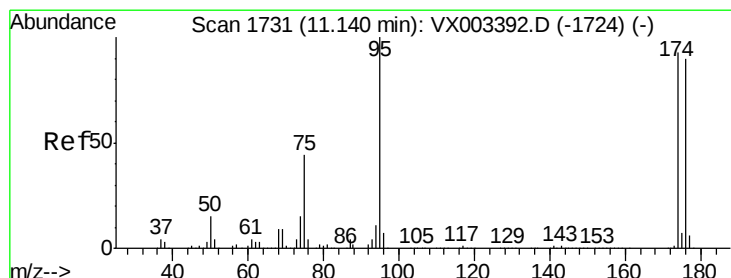
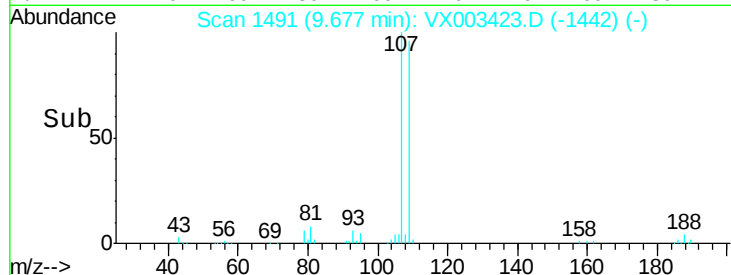
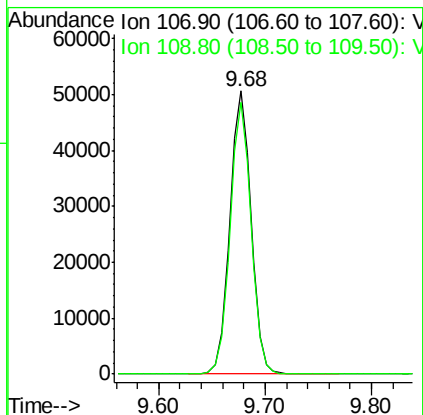
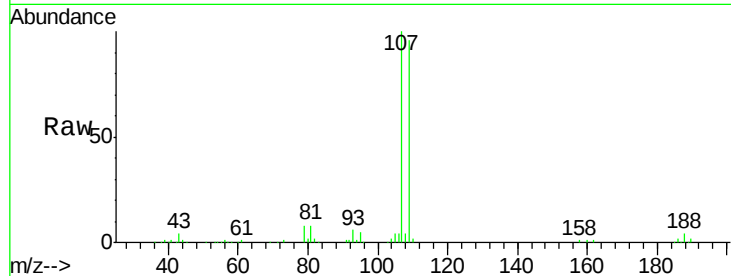
107 100

109 94.8 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 54.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

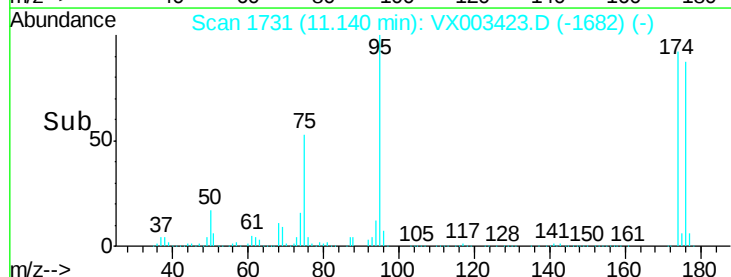
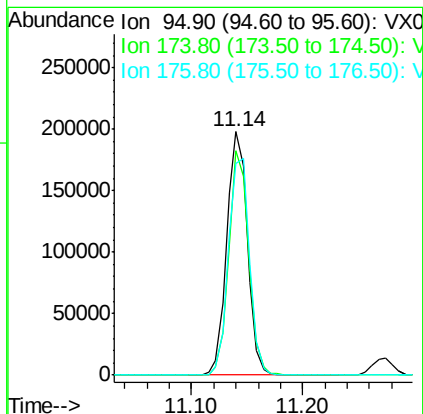
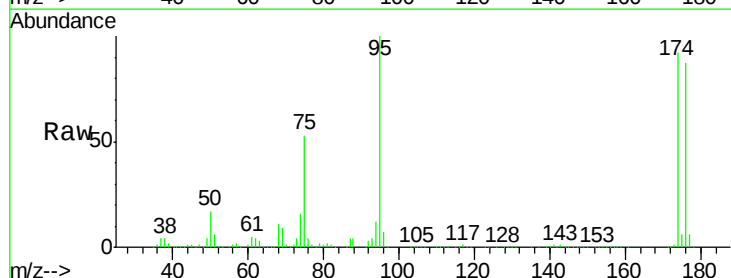
Tgt Ion: 95 Resp: 253428

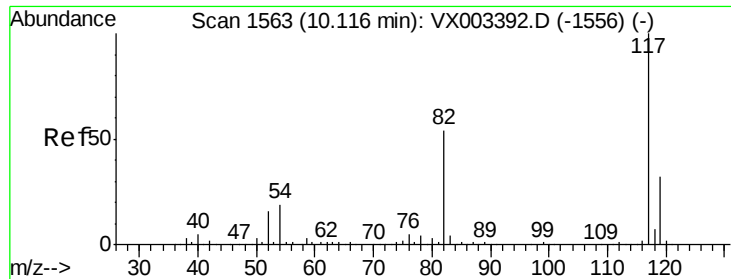
Ion Ratio Lower Upper

95 100

174 88.7 0.0 187.4

176 91.4 0.0 181.0





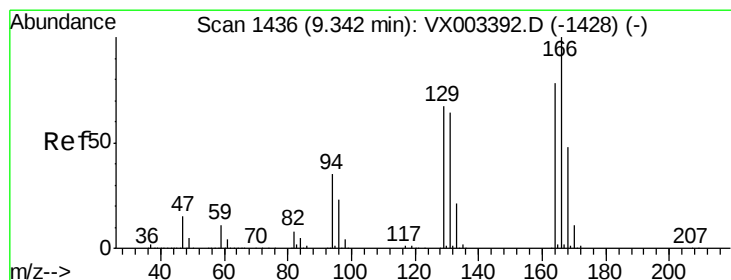
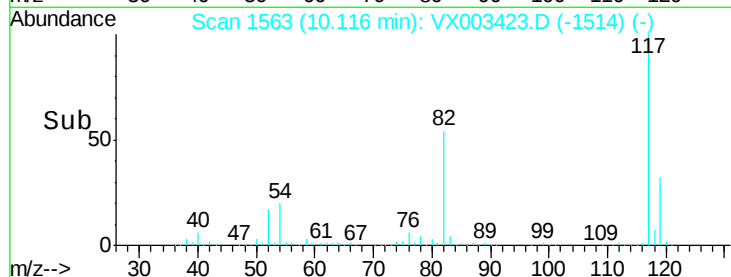
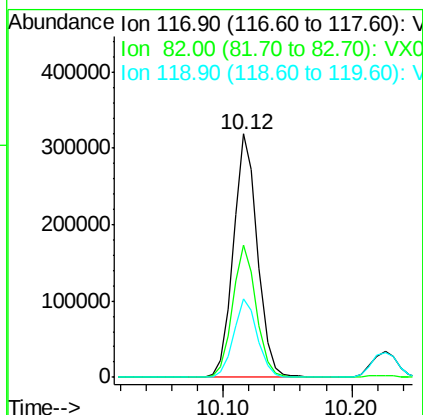
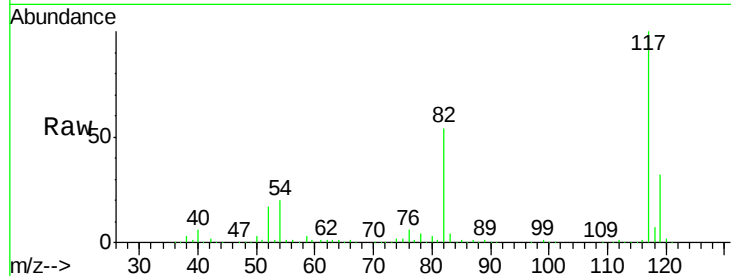
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	32.2	25.8	38.6

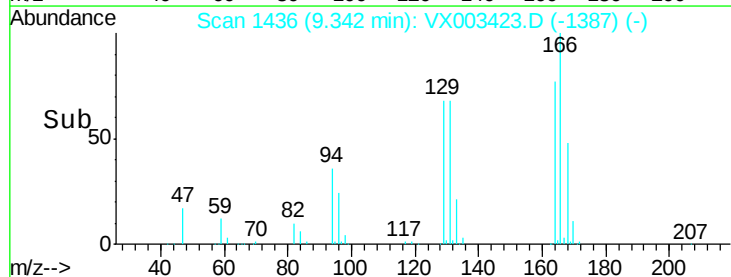
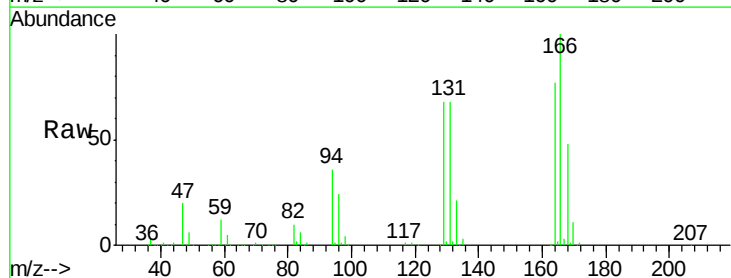
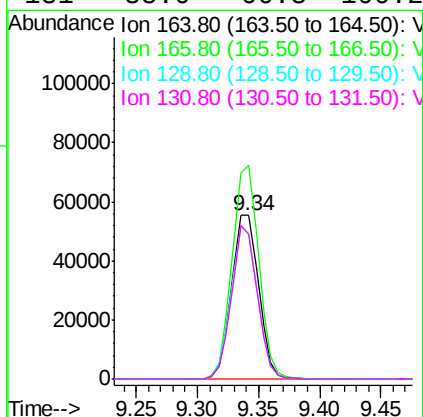
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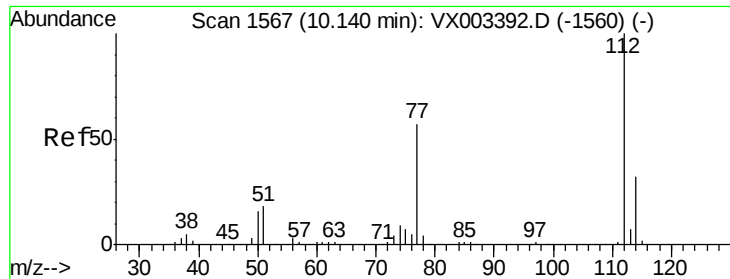
MMDadoda
7/18/2018 12:58:24 PM



#64
Tetrachloroethene
Concen: 19.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	102.9	154.3
129	89.0	68.6	102.8
131	88.0	66.8	100.2





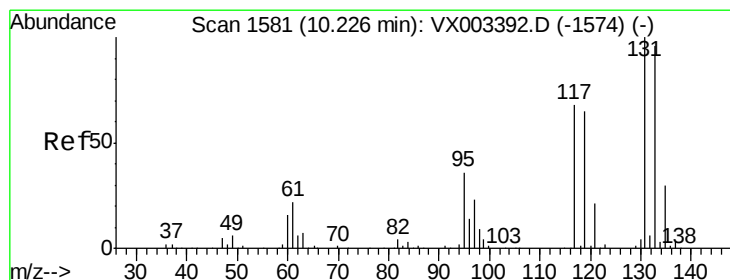
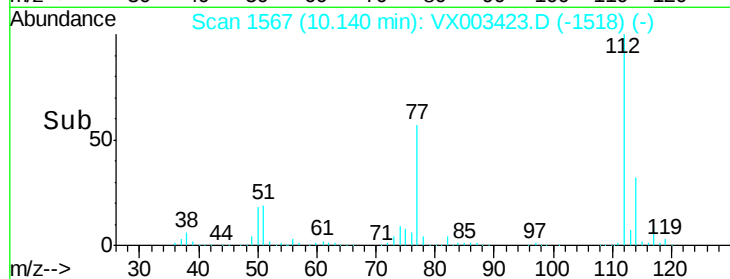
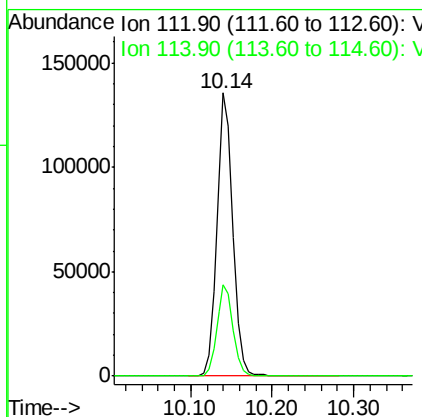
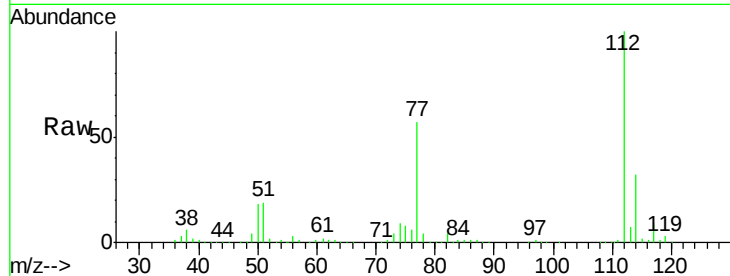
#65
Chlorobenzene
Concen: 19.07 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion:112 Resp: 186796
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

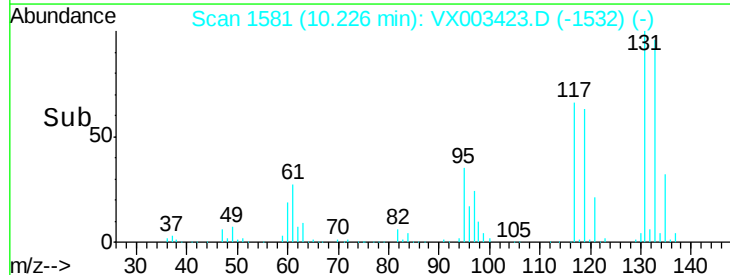
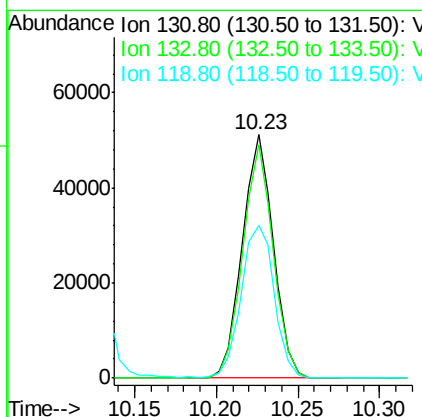
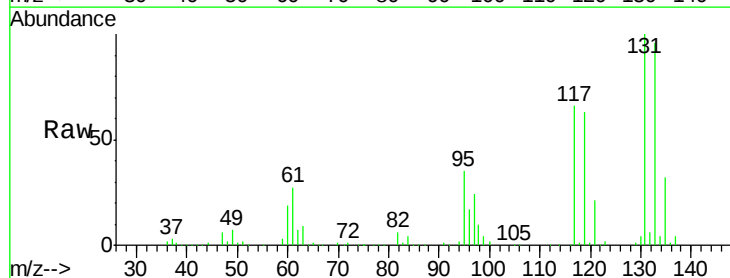
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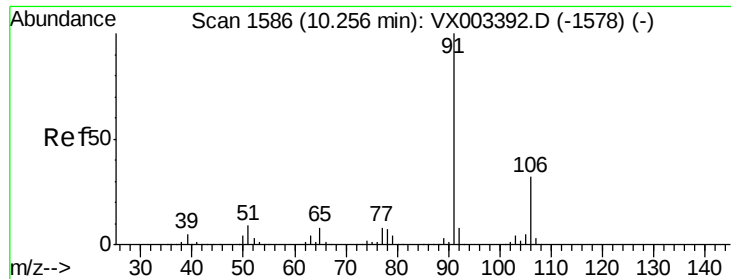
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.49 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion:131 Resp: 67838
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 66.9 31.8 95.3





#67

Ethyl Benzene

Concen: 19.26 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 91 Resp: 308220

Ion Ratio Lower Upper

91 100

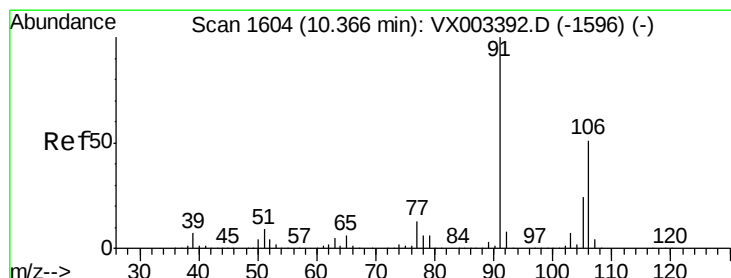
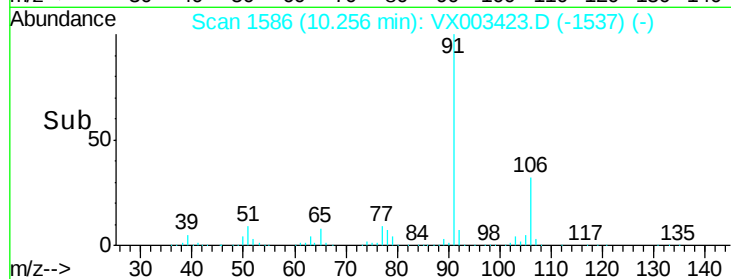
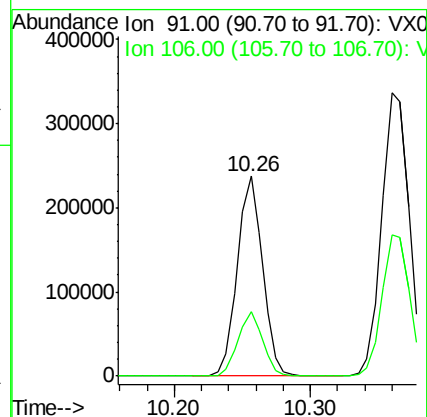
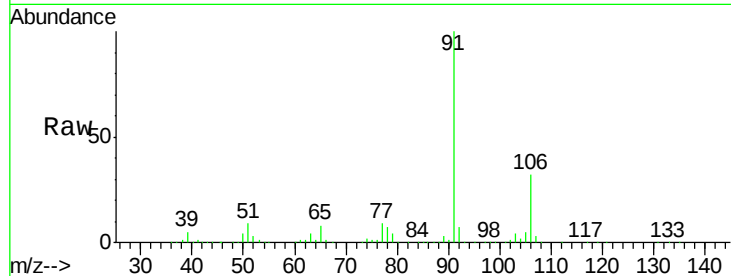
106 32.2 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.51 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX003423.D

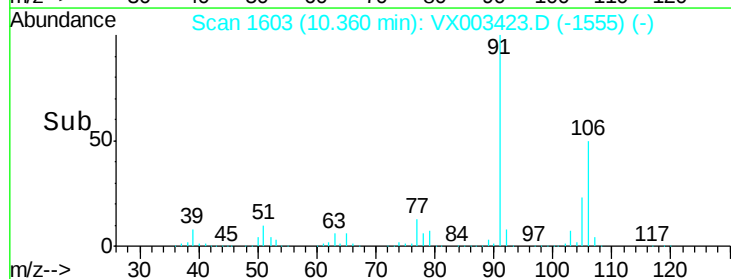
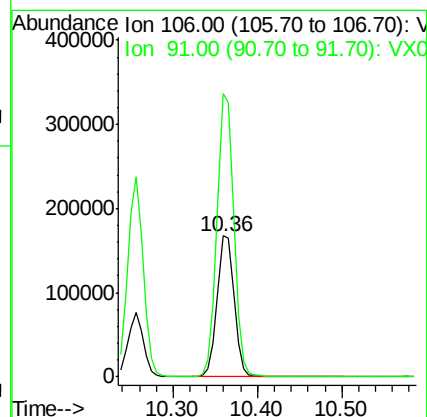
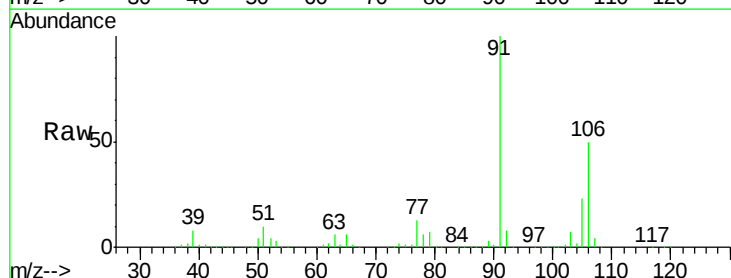
Acq: 17 Jul 2018 13:12

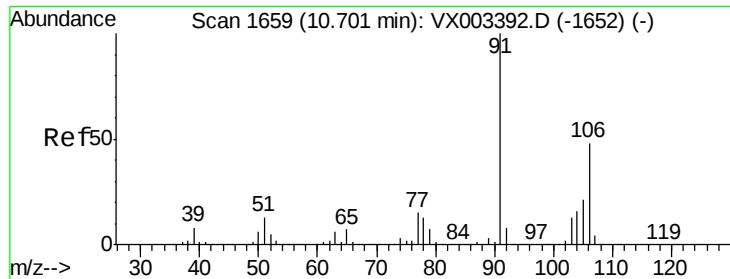
Tgt Ion: 106 Resp: 238403

Ion Ratio Lower Upper

106 100

91 198.7 163.4 245.2





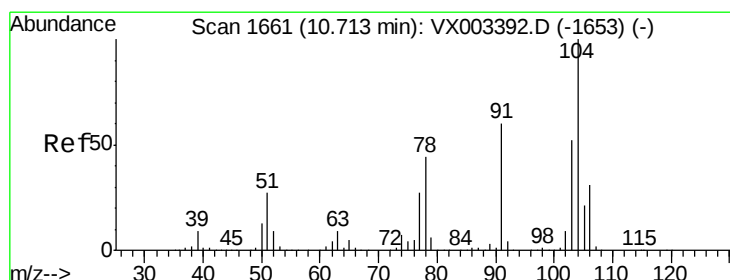
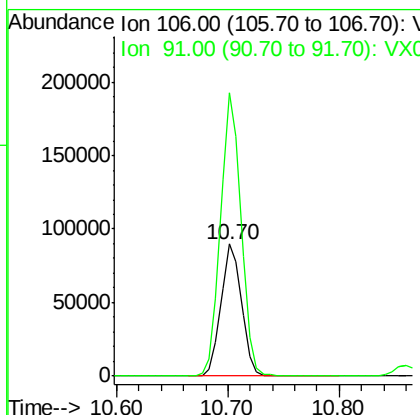
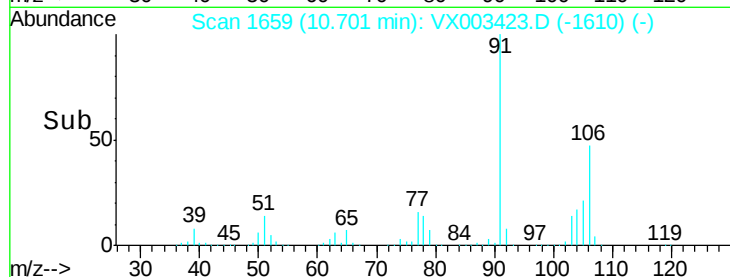
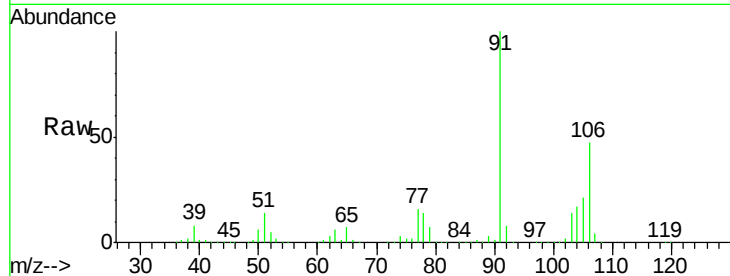
#69
o-Xylene
Concen: 19.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion:106 Resp: 115119
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6

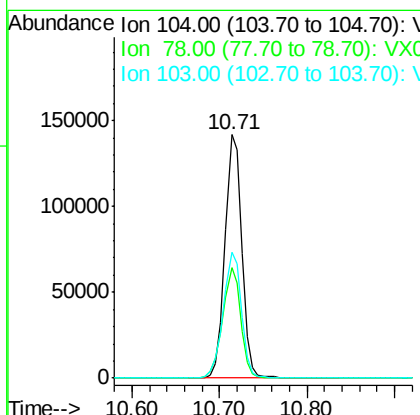
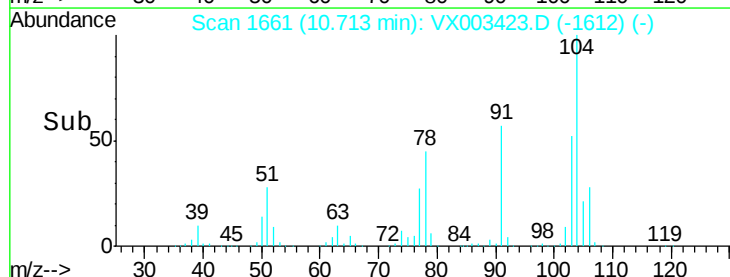
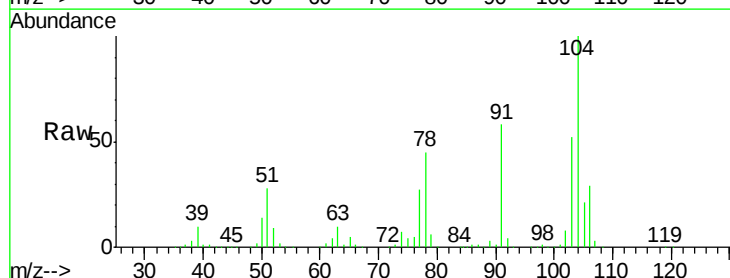
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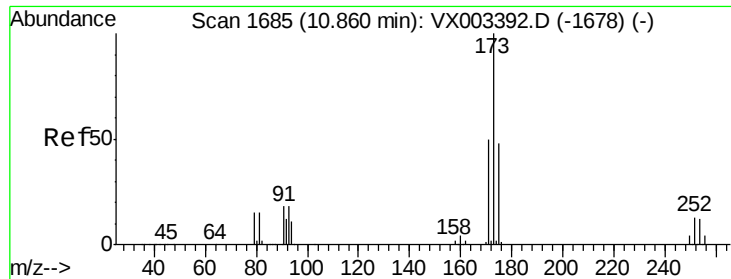
MMDadoda
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#70
Styrene
Concen: 19.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion:104 Resp: 188479
Ion Ratio Lower Upper
104 100
78 48.6 41.0 61.6
103 55.7 44.2 66.4





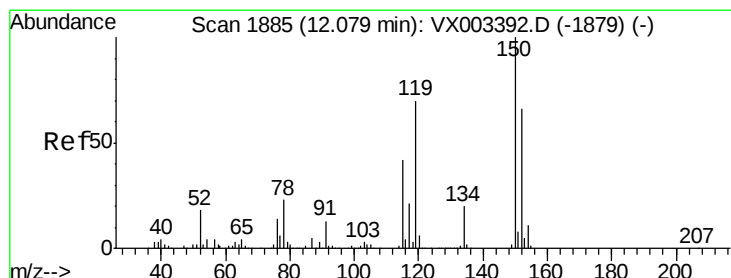
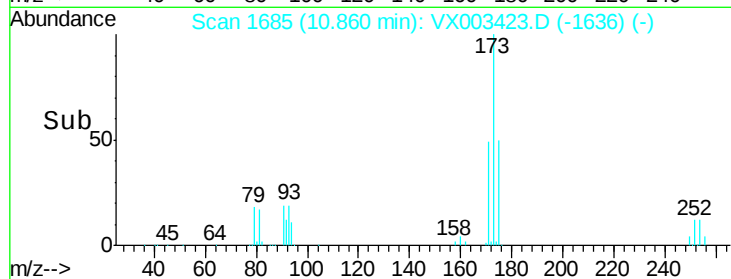
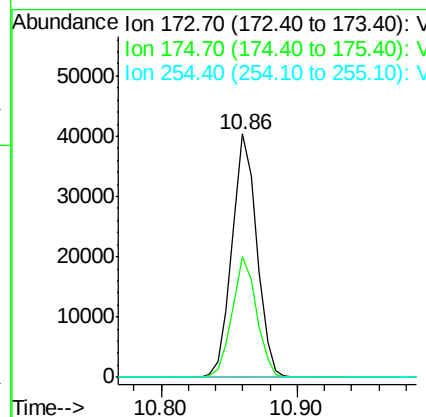
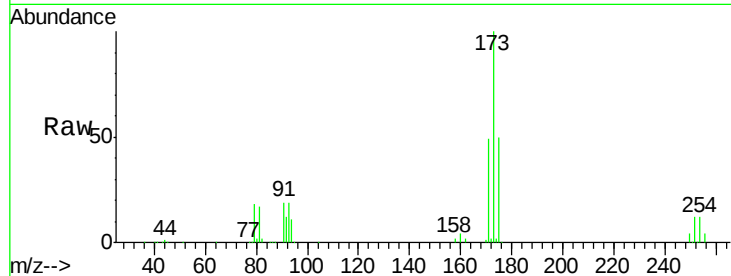
#71
Bromoform
Concen: 18.28 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.0	0.2	0.2

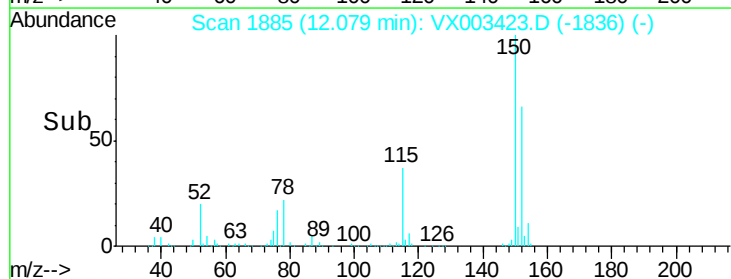
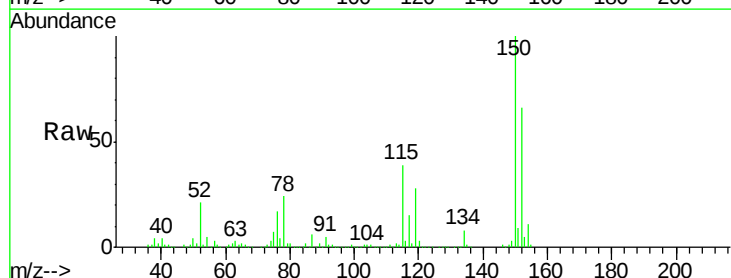
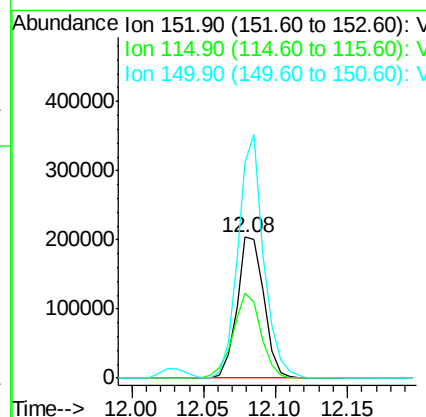
Manual Integrations
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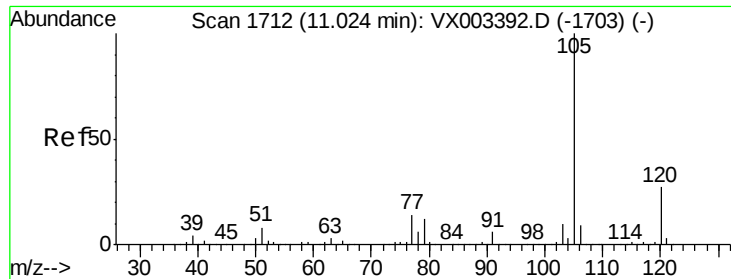
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	40.1	120.2
150	165.2	0.0	347.2





#73

Isopropylbenzene

Concen: 19.63 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 105 Resp: 333426

Ion Ratio Lower Upper

105 100

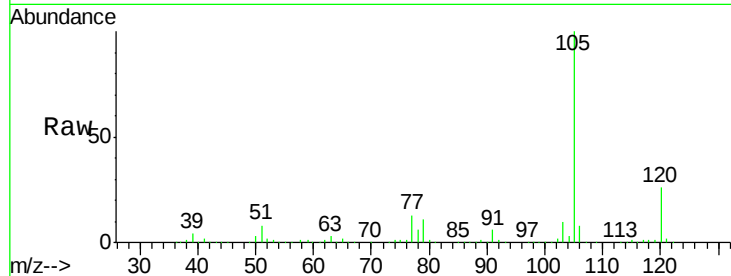
120 26.3 13.5 40.4

Manual Integrations

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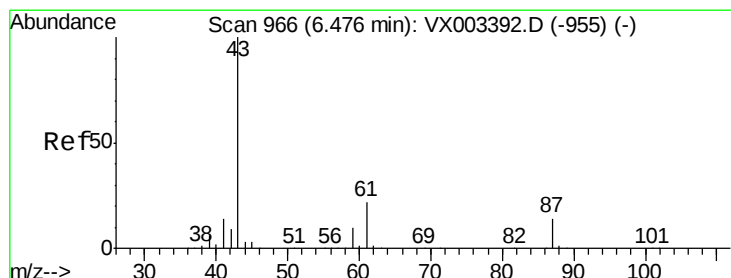
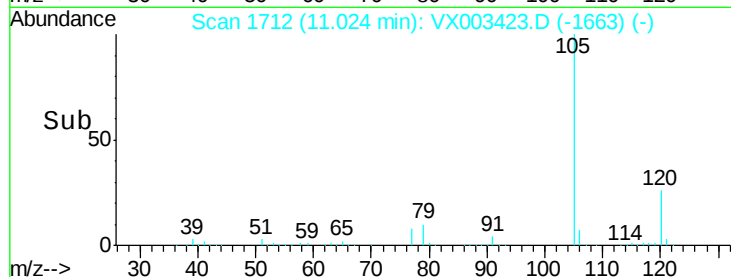
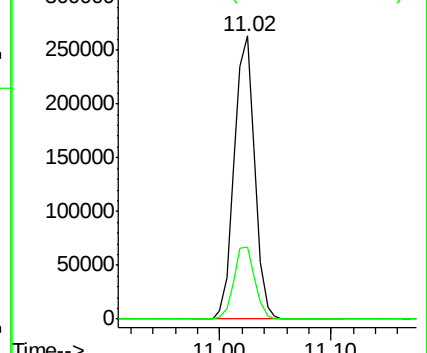
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.19 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Tgt Ion: 43 Resp: 148552

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

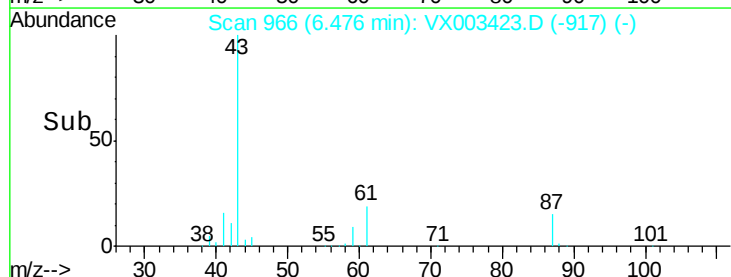
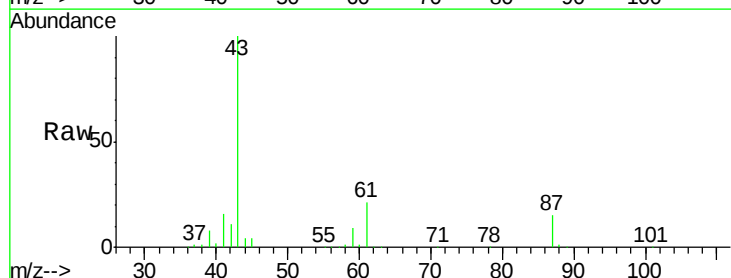
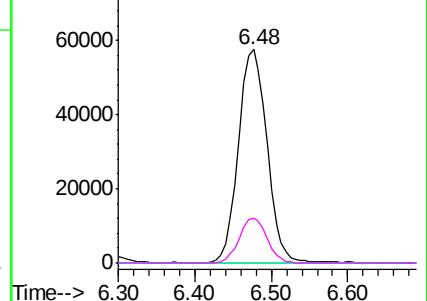
61 20.8 14.4 21.6

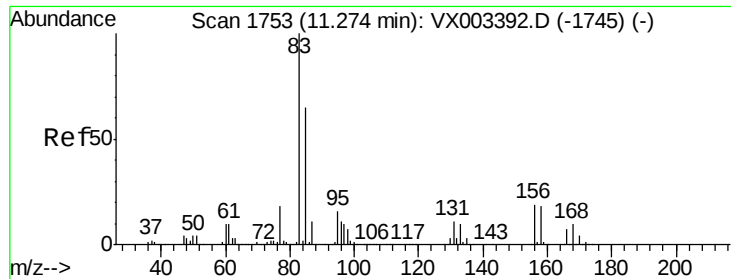
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.25 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 83 Resp: 113528

Ion Ratio Lower Upper

83 100

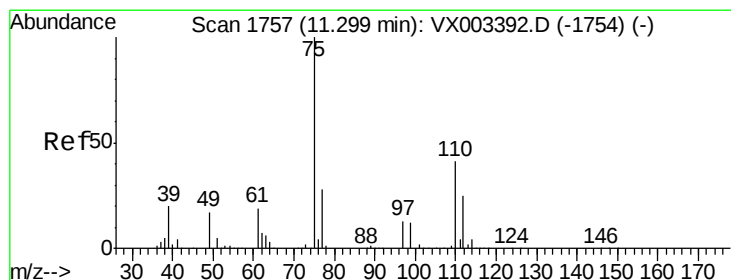
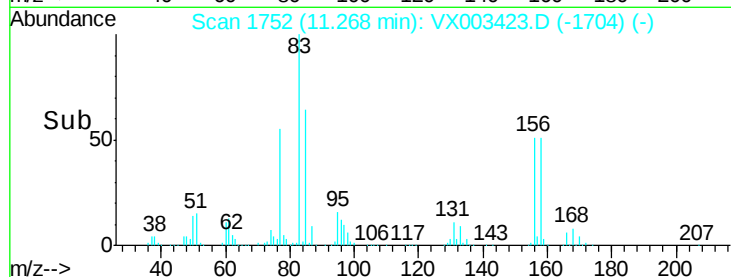
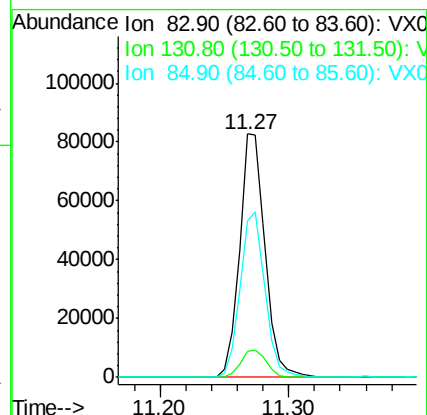
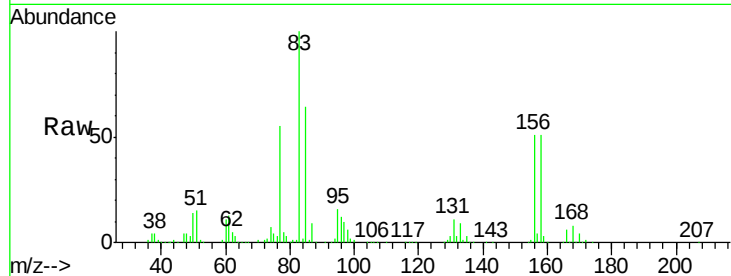
131 11.2 5.6 16.8

85 66.6 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.84 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003423.D

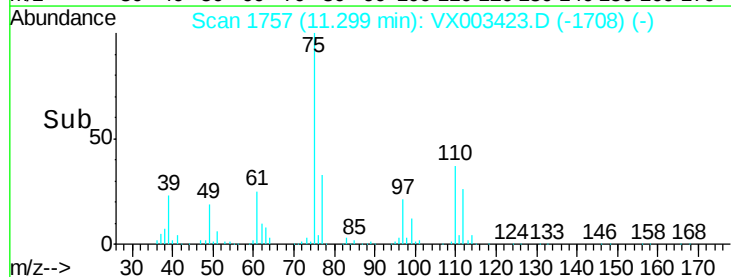
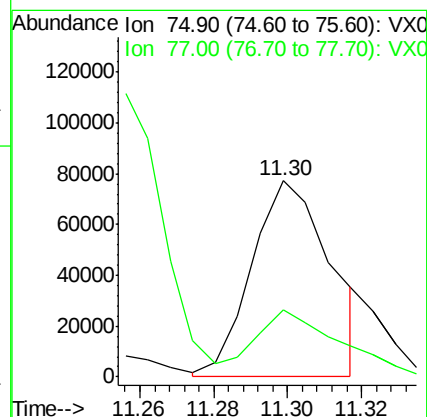
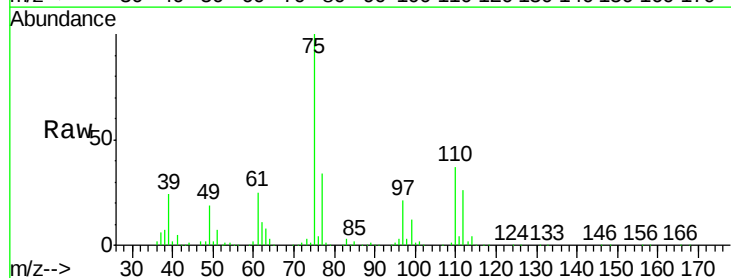
Acq: 17 Jul 2018 13:12

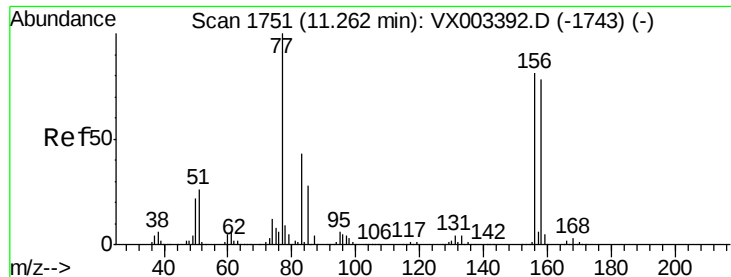
Tgt Ion: 75 Resp: 114509

Ion Ratio Lower Upper

75 100

77 36.9 22.8 68.3





#77

Bromobenzene

Concen: 20.56 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

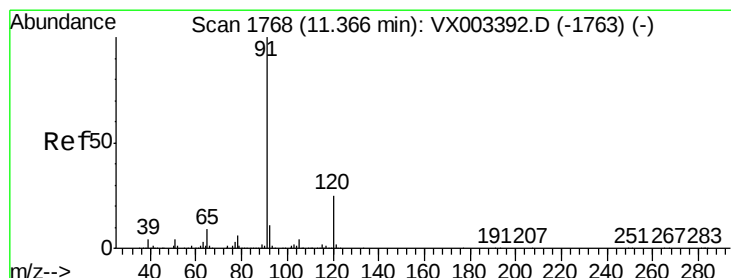
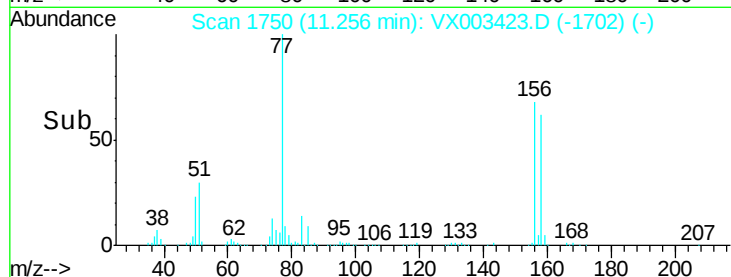
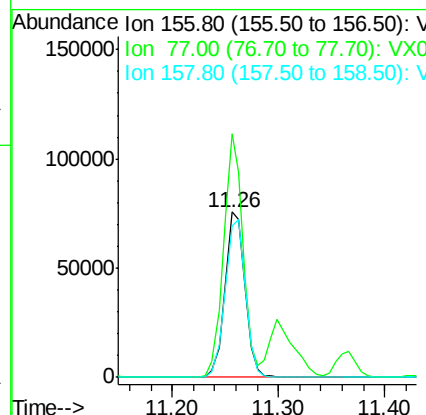
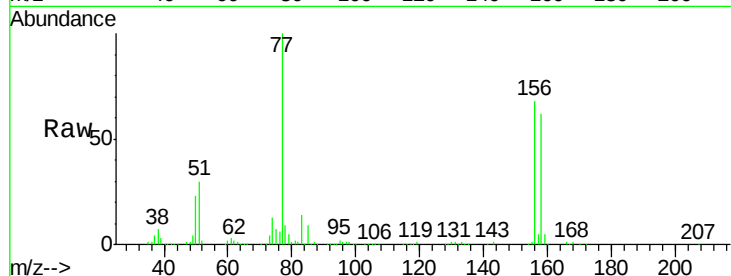
ClientSampleId :

VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.8	71.4	214.2
158	97.6	48.9	146.6

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#78

n-propylbenzene

Concen: 20.43 ug/l

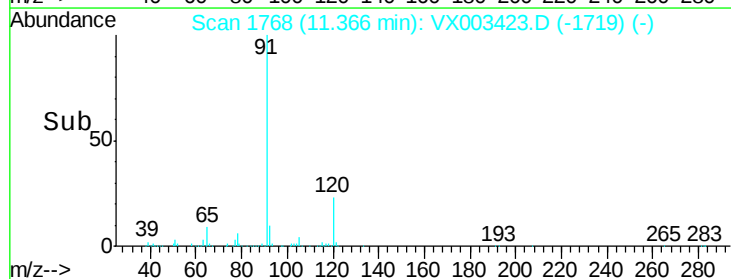
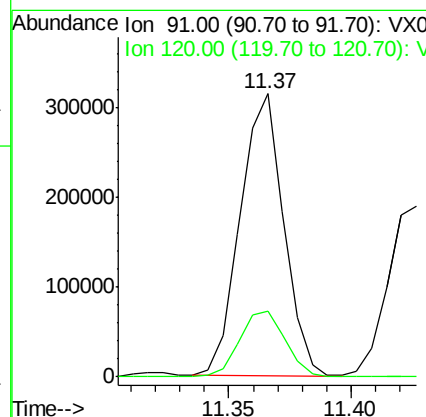
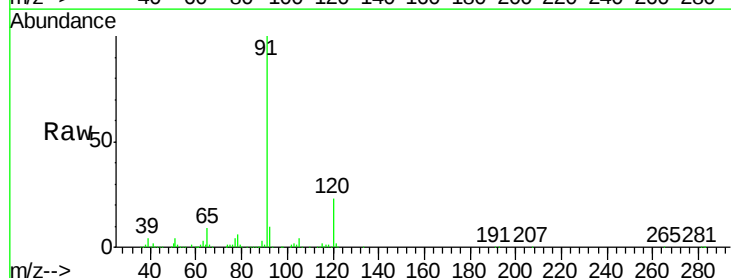
RT: 11.37 min Scan# 1768

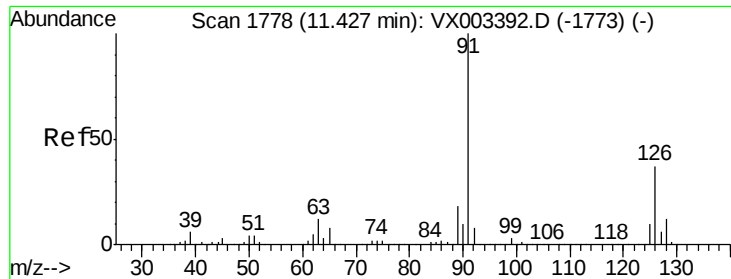
Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.8	35.4





#79

2-Chlorotoluene

Concen: 21.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 91 Resp: 244263

Ion Ratio Lower Upper

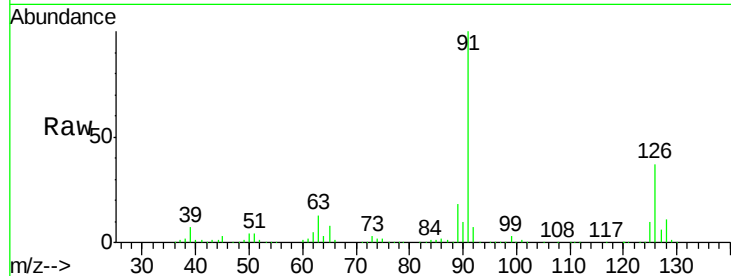
91 100

126 35.9 17.7 53.1

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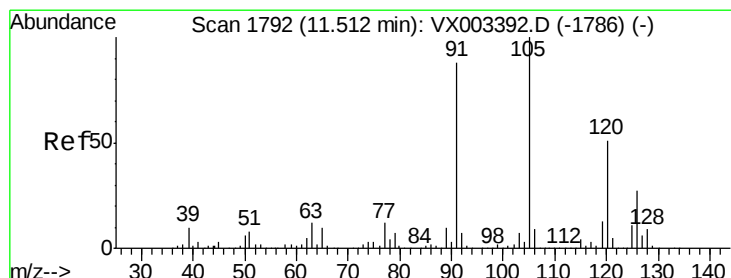
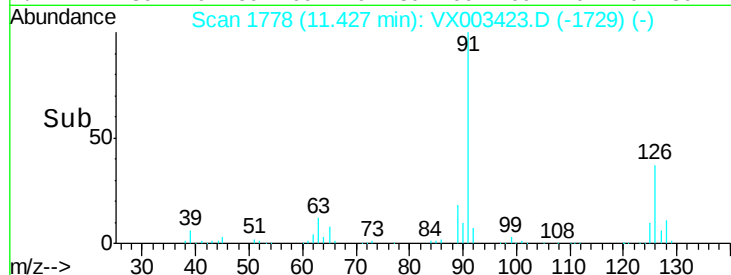
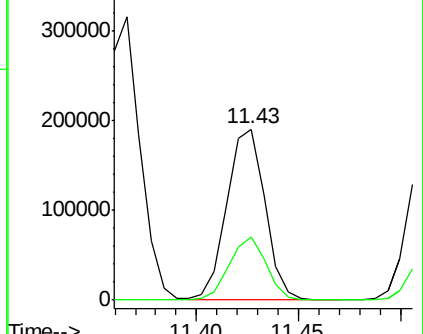
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003423.D

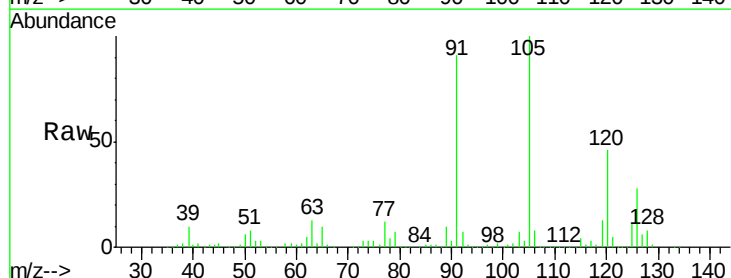
Acq: 17 Jul 2018 13:12

Tgt Ion: 105 Resp: 283251

Ion Ratio Lower Upper

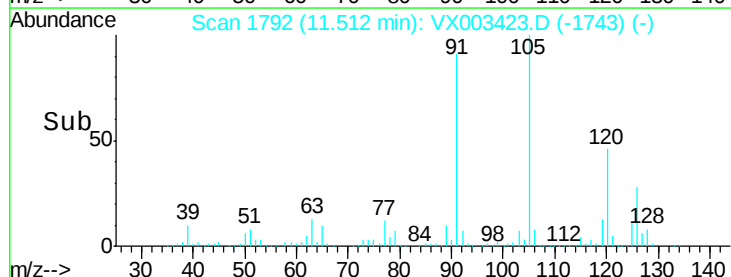
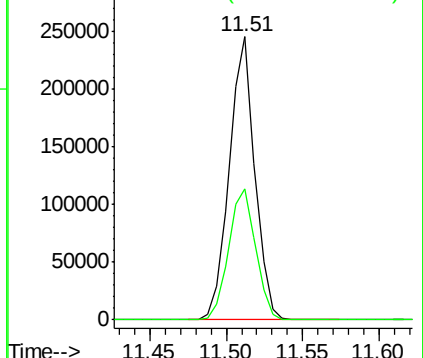
105 100

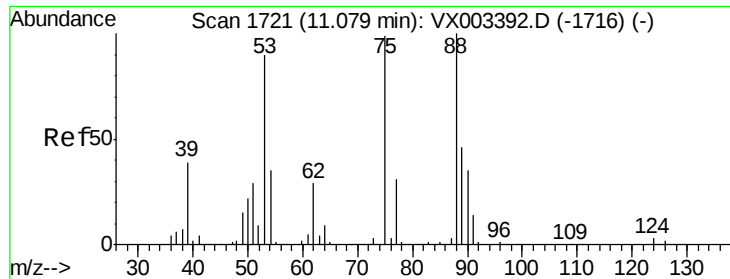
120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





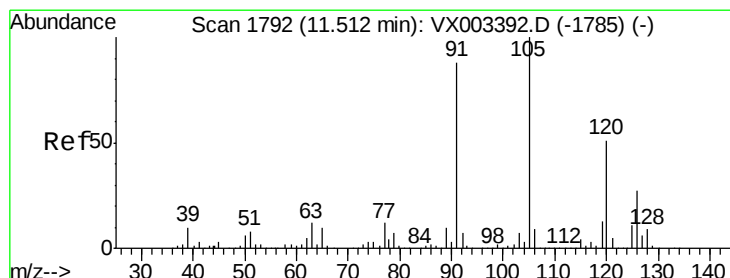
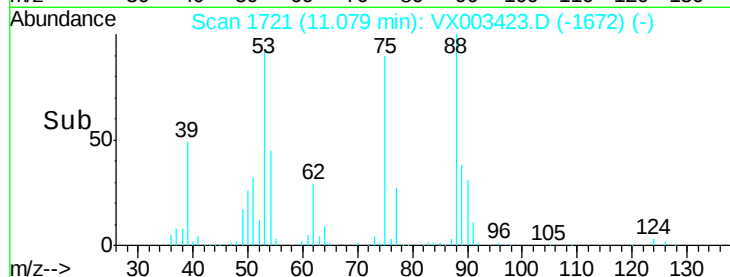
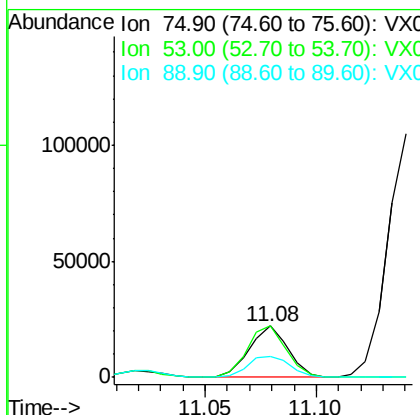
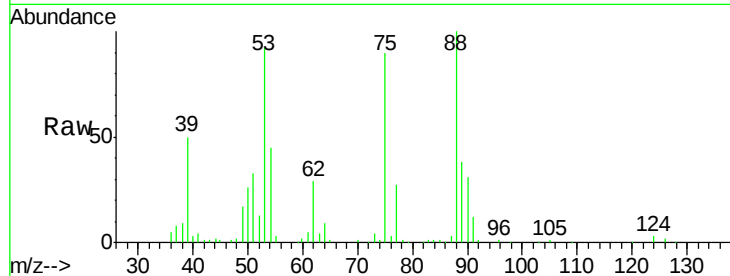
#81
trans-1,4-Dichloro-2-butene
Concen: 17.95 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.8	86.8	130.2
89	45.7	38.2	57.2

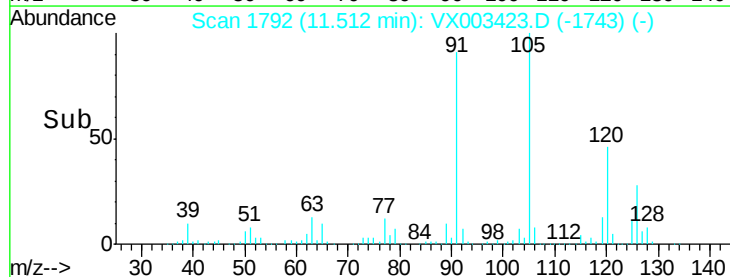
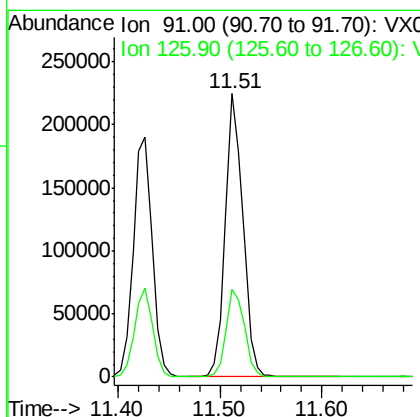
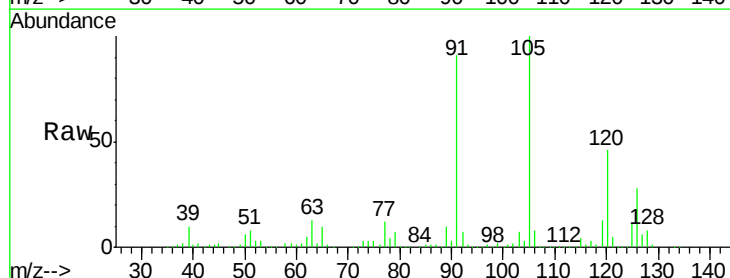
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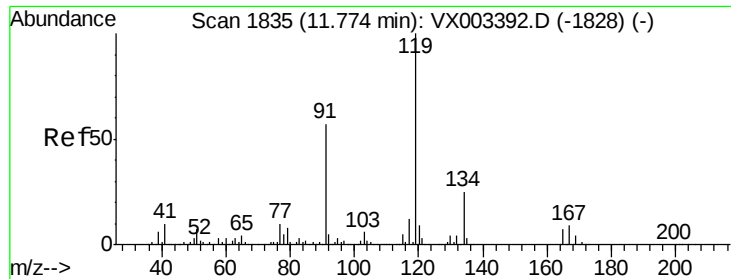
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#82
4-Chlorotoluene
Concen: 19.91 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.4





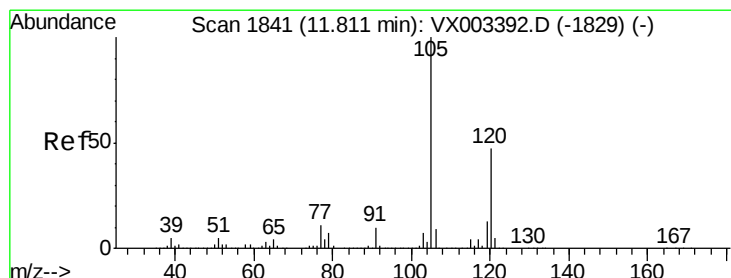
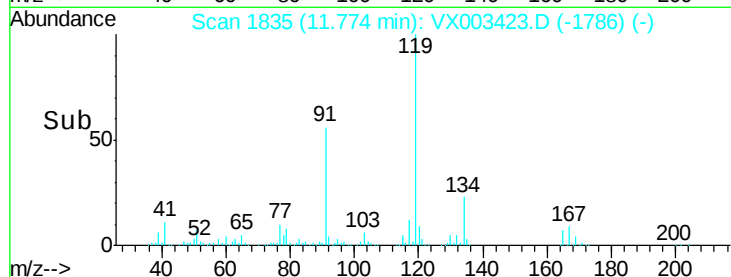
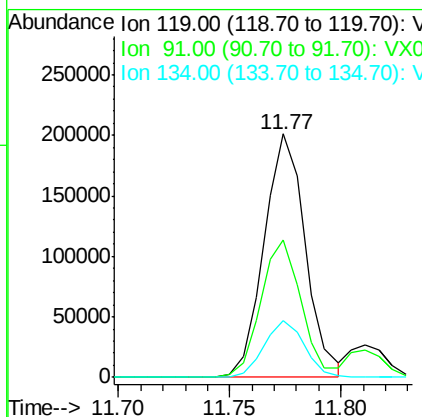
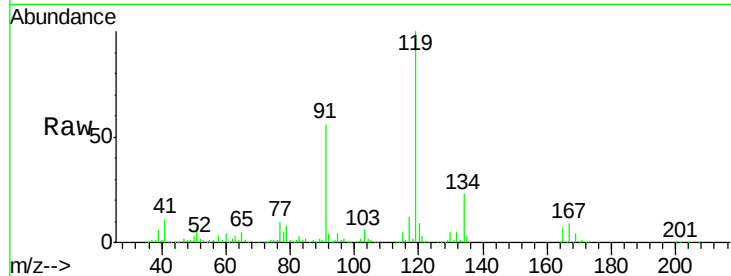
#83
 tert-Butylbenzene
 Concen: 19.09 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0717WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	258861		
91	55.6	30.3	90.9	
134	22.8	11.7	35.1	

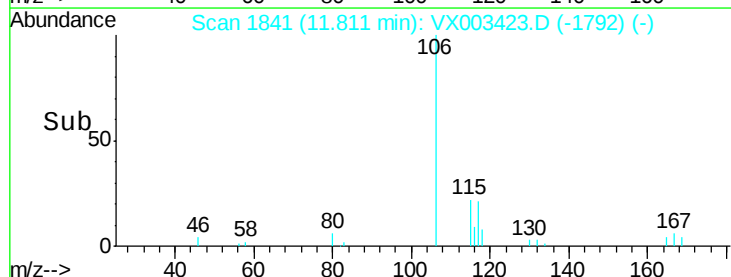
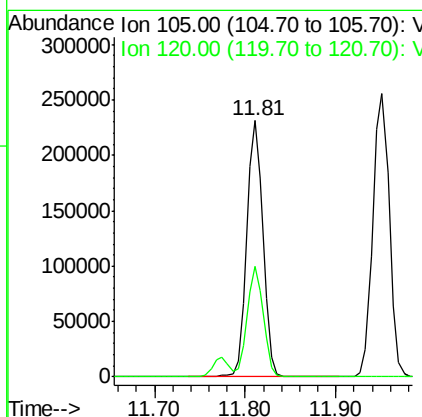
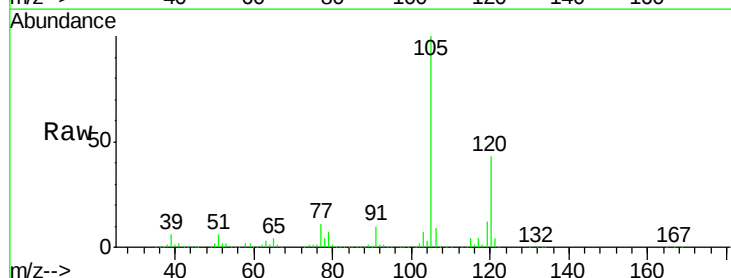
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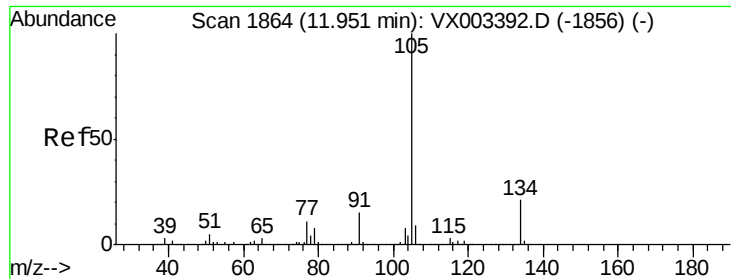
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	286842		
120	43.1	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.63 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion:105 Resp: 322936

Ion Ratio Lower Upper

105 100

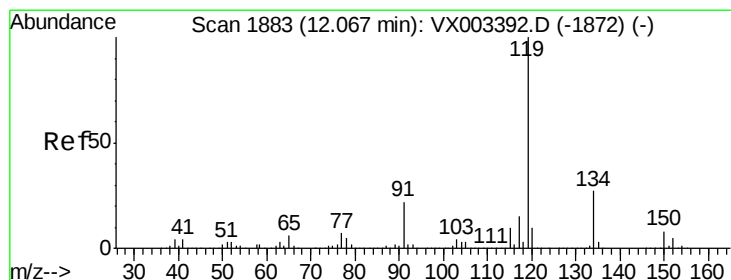
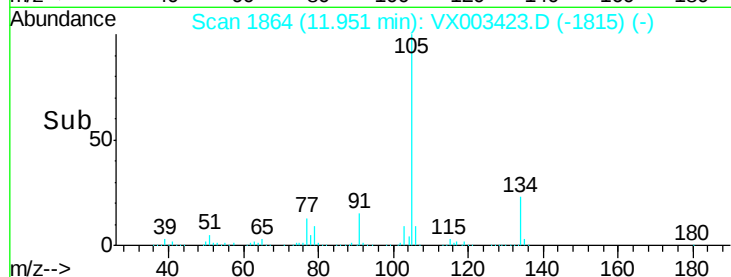
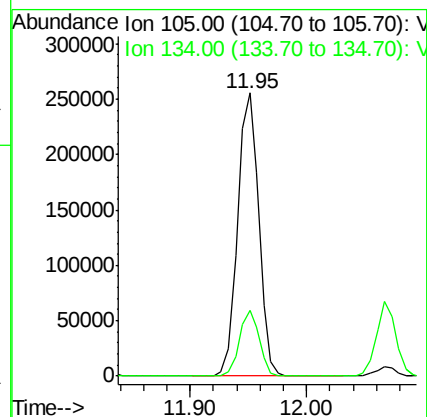
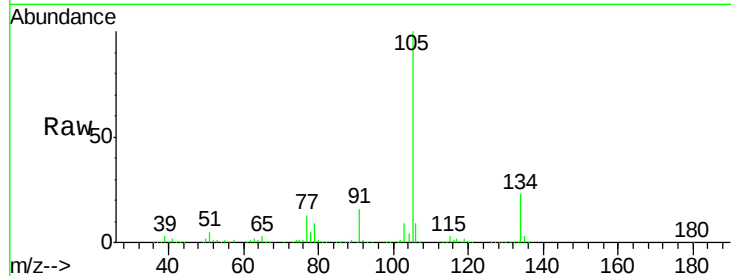
134 21.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 20.15 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

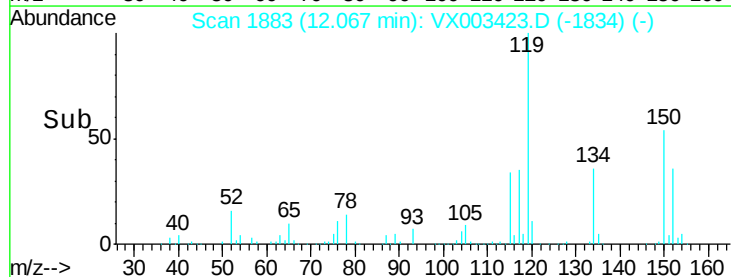
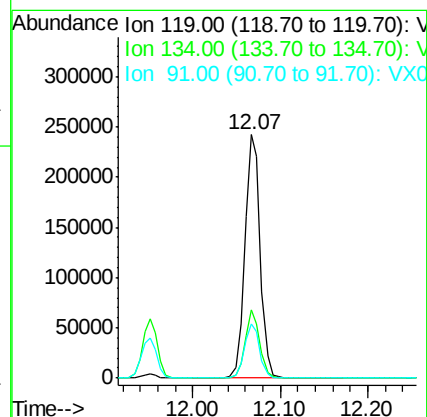
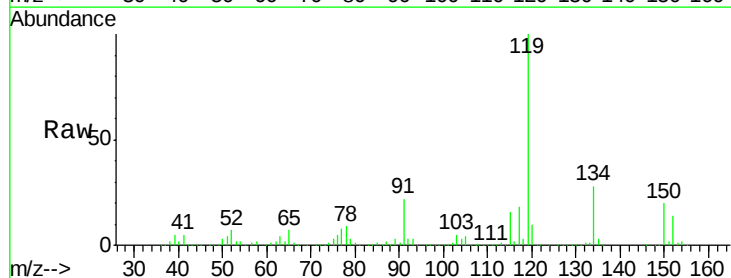
Tgt Ion:119 Resp: 295054

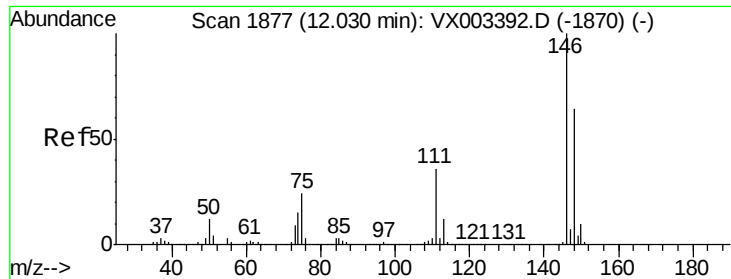
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.3 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.85 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion:146 Resp: 175278

Ion Ratio Lower Upper

146 100

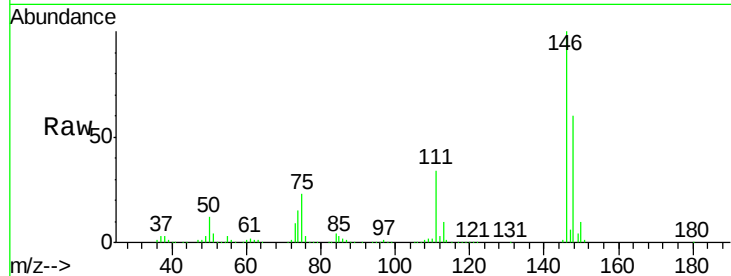
111 36.2 18.9 56.7

148 62.3 32.1 96.3

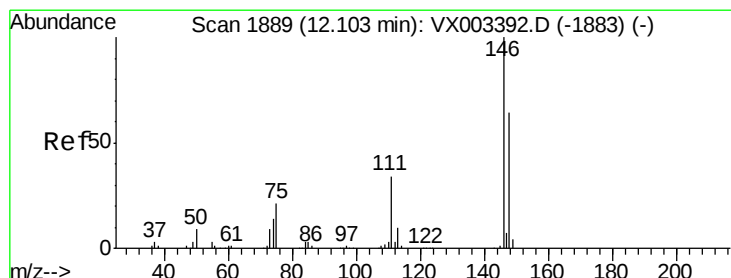
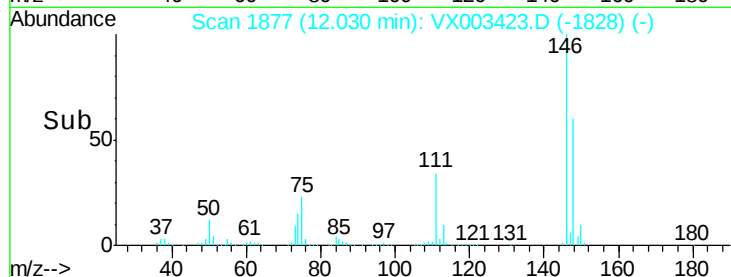
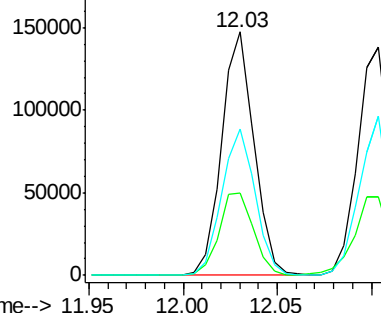
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.00 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003423.D

Acq: 17 Jul 2018 13:12

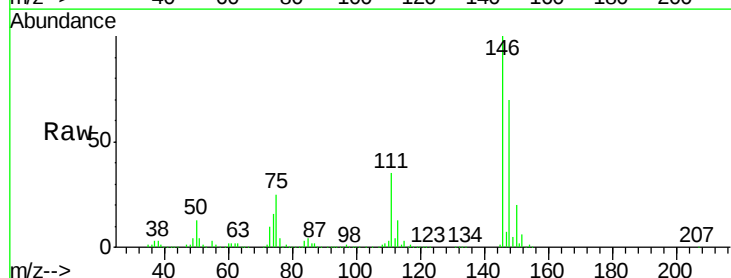
Tgt Ion:146 Resp: 170341

Ion Ratio Lower Upper

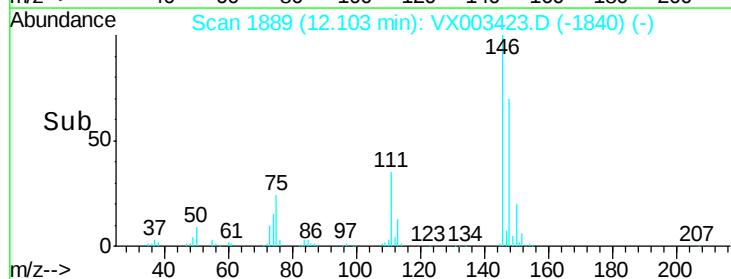
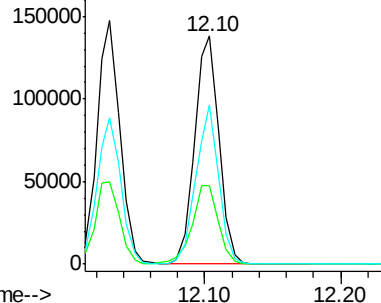
146 100

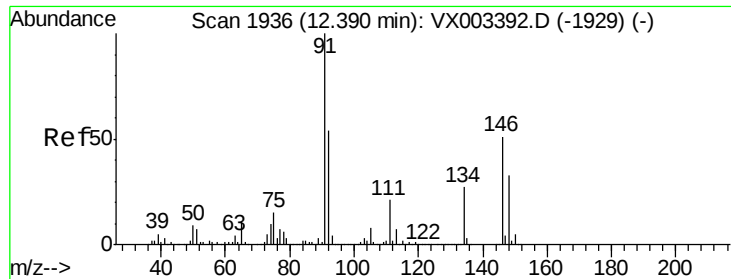
111 37.2 18.7 56.1

148 65.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





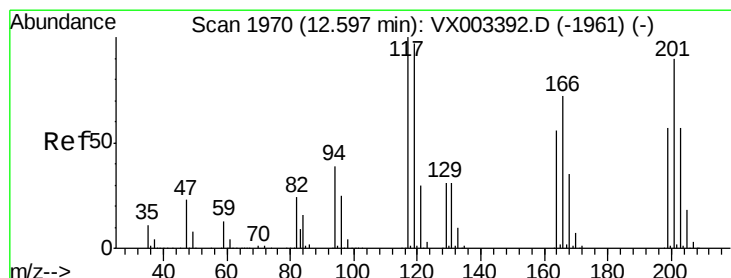
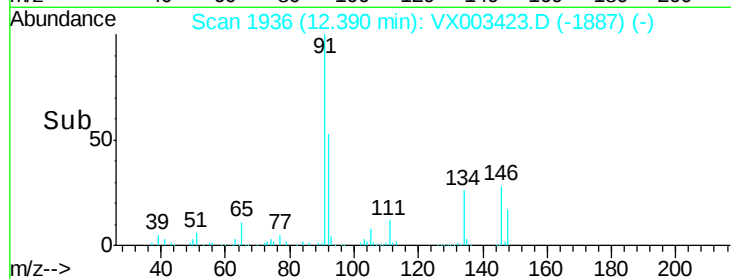
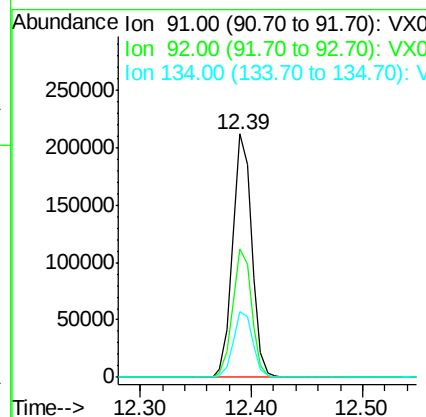
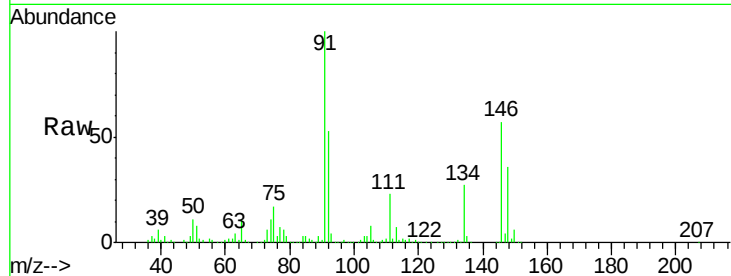
#89
n-Butylbenzene
Concen: 20.18 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	27.4	13.5	40.5

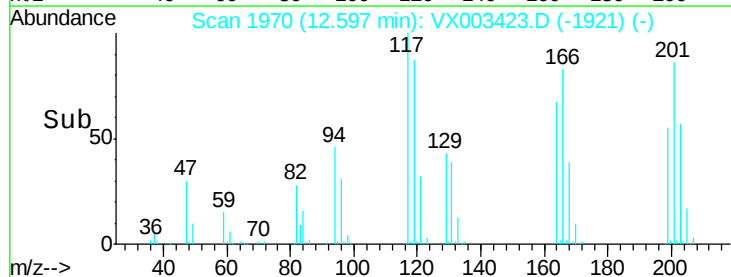
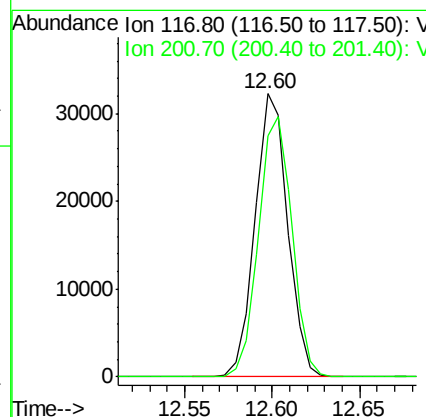
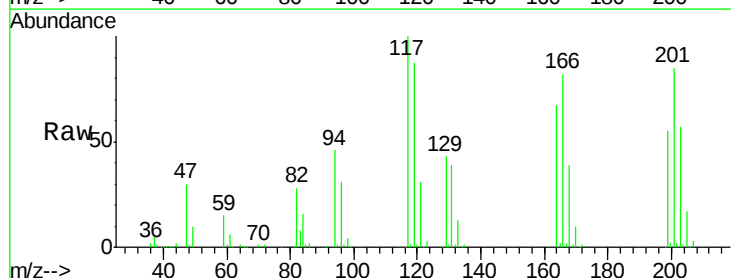
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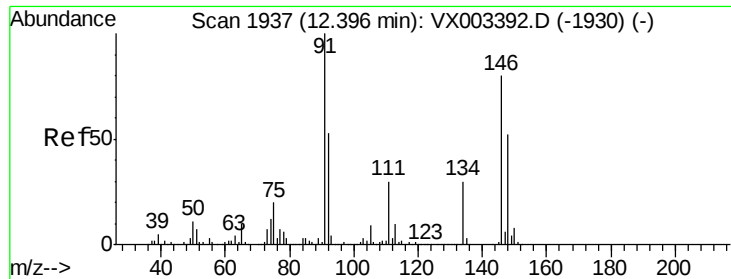
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#90
Hexachloroethane
Concen: 18.82 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	49.0	147.0





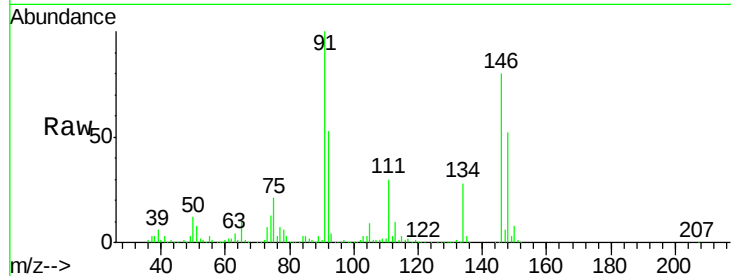
#91
 1,2-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

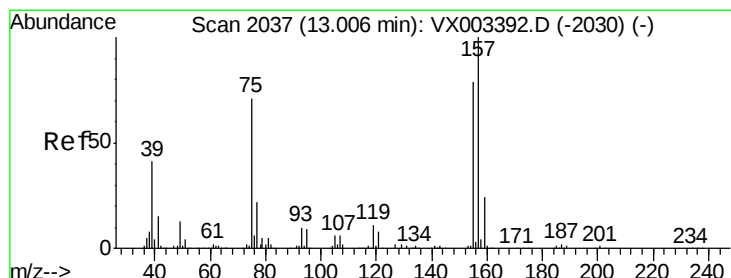
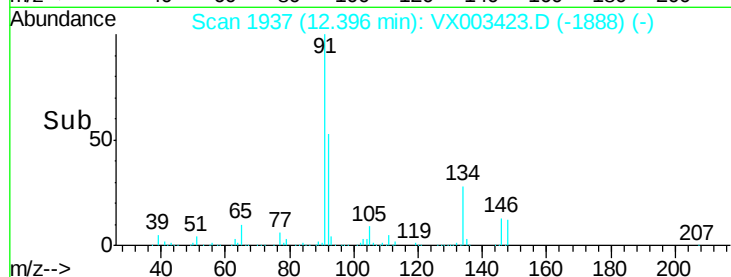
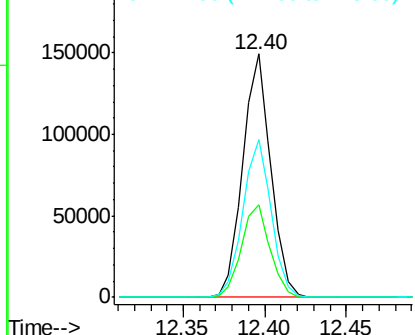
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	65.8	31.7	95.1

Manual Integrations
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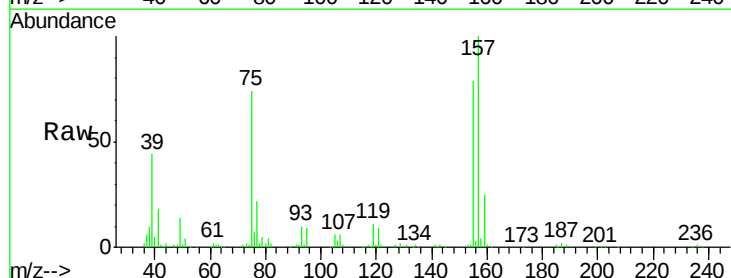


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

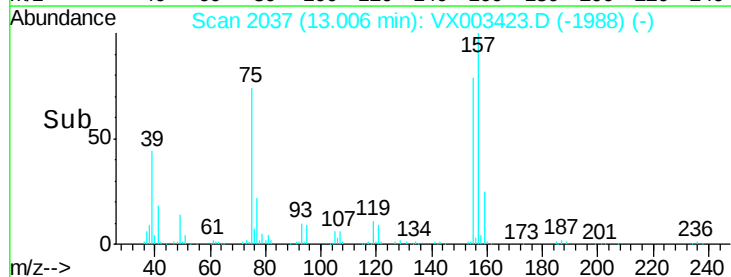
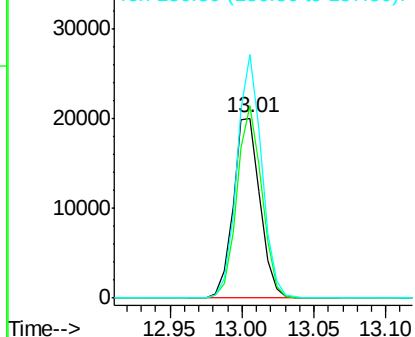


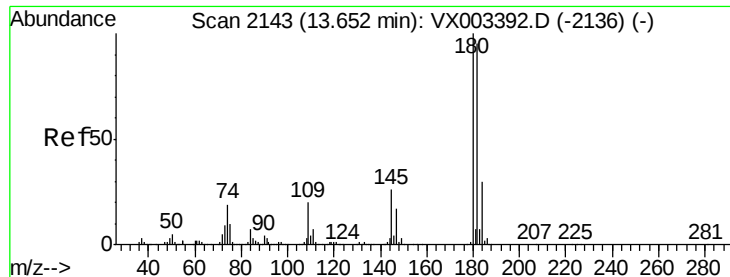
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	45.8	137.4
157	124.0	60.1	180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





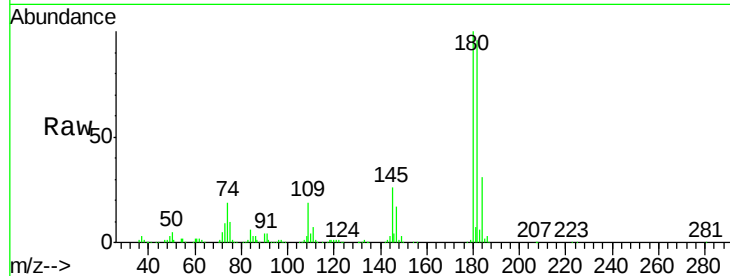
#93
 1,2,4-Trichlorobenzene
 Concen: 22.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

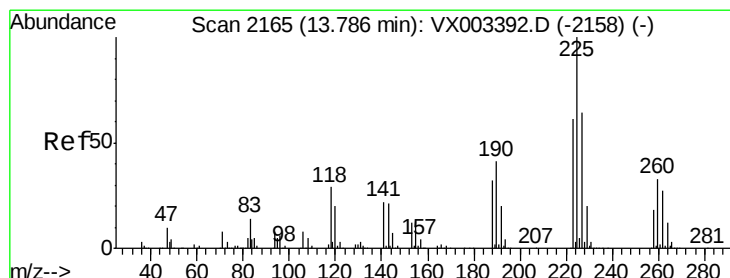
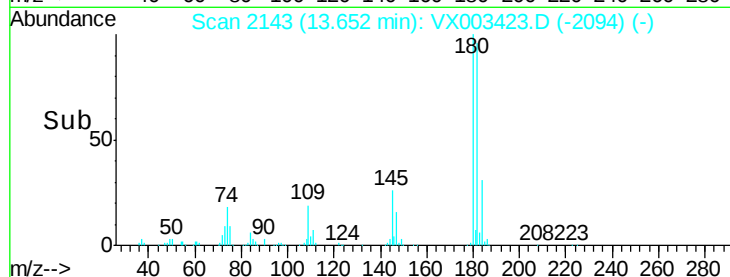
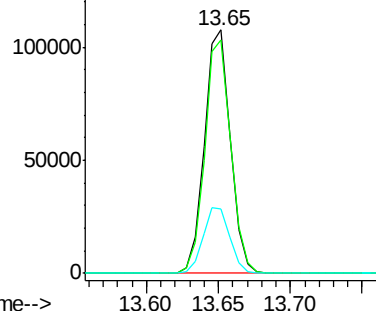
Tot Ion	Ratio	Resp	Lower	Upper
180	100	135754		
182	95.7	47.7	143.1	
145	27.9	14.1	42.4	

Manual Integrations
 APPROVED

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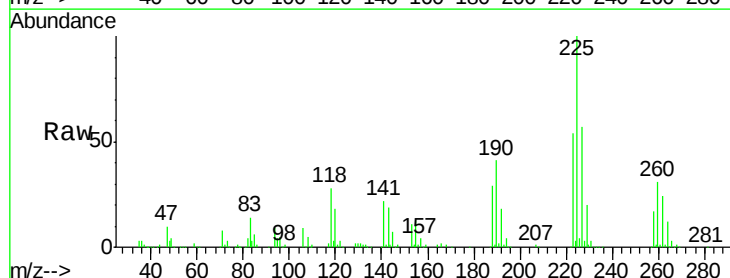


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

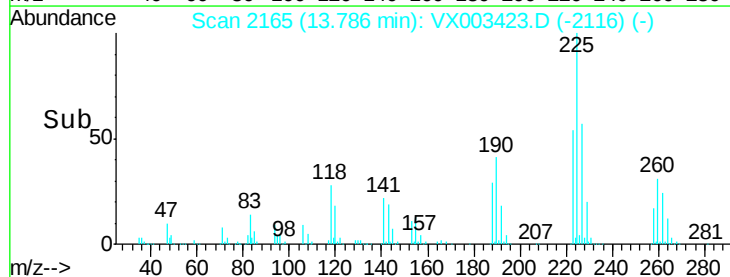
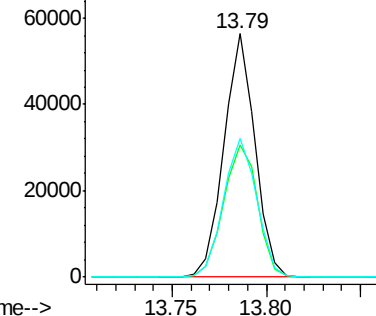


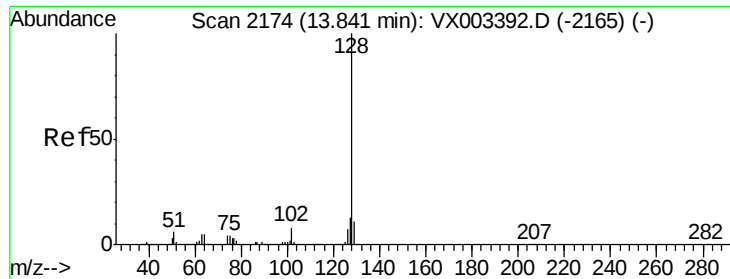
#94
 Hexachlorobutadiene
 Concen: 21.99 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003423.D
 Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64232		
223	59.5	31.6	95.0	
227	61.0	32.4	97.2	



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





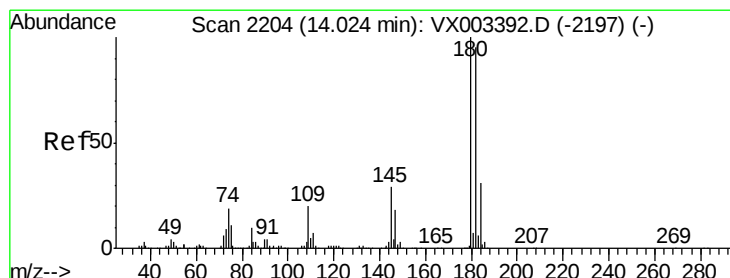
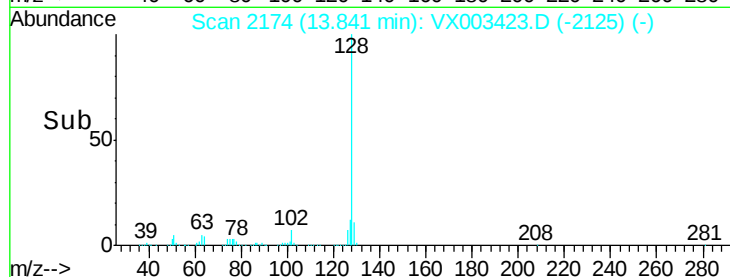
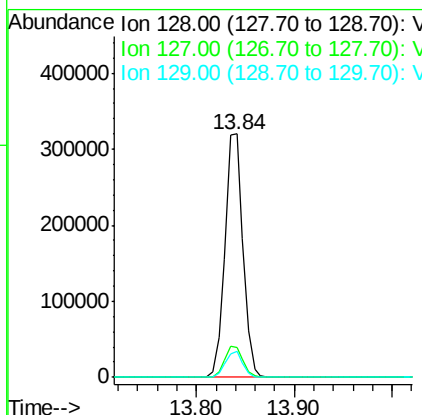
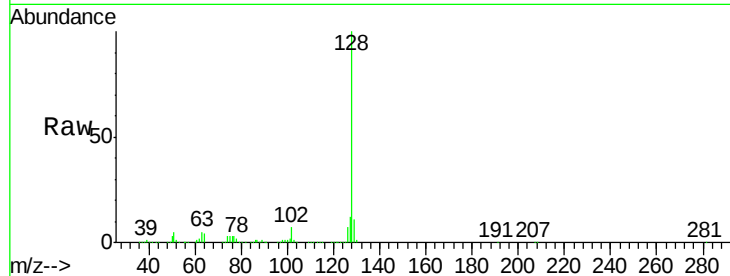
#95
Naphthalene
Concen: 23.49 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/18/2018 12:58:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.14 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003423.D
Acq: 17 Jul 2018 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	48.0	144.0
145	30.0	14.8	44.3

