

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003296.D
 Acq On : 10 Jul 2018 20:36
 Operator : JC/MD
 Sample : VX0710WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:28 PM

Quant Time: Jul 11 01:22:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194970	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183620	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	5.51	113	158109	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.72	98	582393	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	211378	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	76050	20.46	ug/l	97
3) Chloromethane	1.32	50	63356	18.75	ug/l	99
4) Vinyl Chloride	1.40	62	66404	19.14	ug/l	97
5) Bromomethane	1.64	94	25540	25.06	ug/l	99
6) Chloroethane	1.72	64	38474	20.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	102134	19.81	ug/l	99
8) Diethyl Ether	2.19	74	35593	19.10	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58129	19.26	ug/l	96
10) Methyl Iodide	2.51	142	58628	21.25	ug/l	97
11) Tert butyl alcohol	3.08	59	68666	98.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52494	19.11	ug/l	93
13) Acrolein	2.29	56	47471	84.45	ug/l	99
14) Allyl chloride	2.73	41	93939	18.46	ug/l	95
15) Acrylonitrile	3.15	53	148972	95.64	ug/l	99
16) Acetone	2.45	43	142190	104.09	ug/l	97
17) Carbon Disulfide	2.57	76	137889	18.06	ug/l	98
18) Methyl Acetate	2.78	43	85254	22.12	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	171366	18.67	ug/l	98
20) Methylene Chloride	2.86	84	59244	20.75	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	53921	18.41	ug/l	93
22) Diisopropyl ether	3.88	45	174606	16.87	ug/l	98
23) Vinyl Acetate	3.83	43	753636	85.74	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98638	18.31	ug/l	98
25) 2-Butanone	4.72	43	238291	98.59	ug/l	95
26) 2,2-Dichloropropane	4.59	77	67679	14.36	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	68285	18.97	ug/l	92
28) Bromochloromethane	5.03	49	52128	19.20	ug/l	84
29) Tetrahydrofuran	5.18	42	150198	95.74	ug/l	94
30) Chloroform	5.22	83	114388	19.30	ug/l	98
31) Cyclohexane	5.58	56	93992	18.63	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	99676	19.06	ug/l	98
36) 1,1-Dichloropropene	5.80	75	83405	19.18	ug/l	99
37) Ethyl Acetate	4.87	43	89733	18.83	ug/l	96
38) Carbon Tetrachloride	5.78	117	90871	19.11	ug/l	97

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Quant Time: Jul 11 01:22:46 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95086	18.56	ug/l	95
40) Benzene	6.15	78	254509	19.75	ug/l	97
41) Methacrylonitrile	5.07	41	50649	19.41	ug/l	94
42) 1,2-Dichloroethane	6.20	62	90829	18.87	ug/l	97
43) Isopropyl Acetate	6.48	43	144967	19.37	ug/l	97
44) Trichloroethene	7.22	130	77007	20.21	ug/l	94
45) 1,2-Dichloropropane	7.52	63	65041	19.42	ug/l	98
46) Dibromomethane	7.67	93	44616	19.54	ug/l	92
47) Bromodichloromethane	7.90	83	81004	19.23	ug/l	98
48) Methyl methacrylate	7.79	41	74849	19.50	ug/l	91
49) 1,4-Dioxane	7.76	88	30782	383.51	ug/l #	88
51) 4-Methyl-2-Pentanone	8.65	43	475345	102.01	ug/l	96
52) Toluene	8.79	92	161390	19.81	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	92211	18.60	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83153	18.43	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	66607	19.71	ug/l	98
56) Ethyl methacrylate	9.19	69	92321	19.95	ug/l	91
57) 1,3-Dichloropropane	9.38	76	109815	20.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	238520	106.84	ug/l	95
59) 2-Hexanone	9.50	43	369546	104.41	ug/l	96
60) Dibromochloromethane	9.59	129	66570	18.87	ug/l	98
61) 1,2-Dibromoethane	9.68	107	70931	20.03	ug/l	99
64) Tetrachloroethene	9.34	164	94577	22.57	ug/l	99
65) Chlorobenzene	10.14	112	184836	19.63	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	67535	19.87	ug/l	99
67) Ethyl Benzene	10.26	91	299285	19.65	ug/l	100
68) m/p-Xylenes	10.36	106	235450	39.74	ug/l	99
69) o-Xylene	10.70	106	113437	19.76	ug/l	98
70) Styrene	10.71	104	185122	19.89	ug/l	98
71) Bromoform	10.86	173	51469	18.41	ug/l	99
73) Isopropylbenzene	11.02	105	308983	20.07	ug/l	99
74) N-amyl acetate	6.48	43	144967	19.74	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	92739	19.42	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	94504m	22.43	ug/l	
77) Bromobenzene	11.26	156	88565	19.93	ug/l	95
78) n-propylbenzene	11.37	91	344290	20.12	ug/l	99
79) 2-Chlorotoluene	11.43	91	207341	19.89	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	258912	20.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	22703	17.61	ug/l	98
82) 4-Chlorotoluene	11.51	91	244490	20.08	ug/l	98
83) tert-Butylbenzene	11.77	119	245496	19.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	266153	20.28	ug/l	98
85) sec-Butylbenzene	11.95	105	304467	20.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	271379	19.68	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	157101	19.27	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	159906	19.37	ug/l	99
89) n-Butylbenzene	12.39	91	220349	19.13	ug/l	99
90) Hexachloroethane	12.60	117	38462	18.27	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	159261	19.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20068	19.59	ug/l	92

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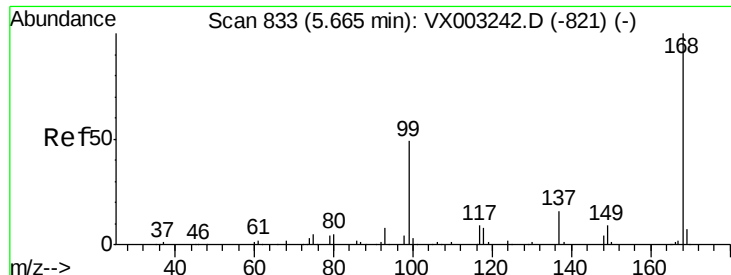
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117065	19.65	ug/l	99
94) Hexachlorobutadiene	13.79	225	57728	19.46	ug/l	99
95) Naphthalene	13.84	128	318765	20.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116316	19.57	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion:168 Resp: 244480

Ion Ratio Lower Upper

168 100

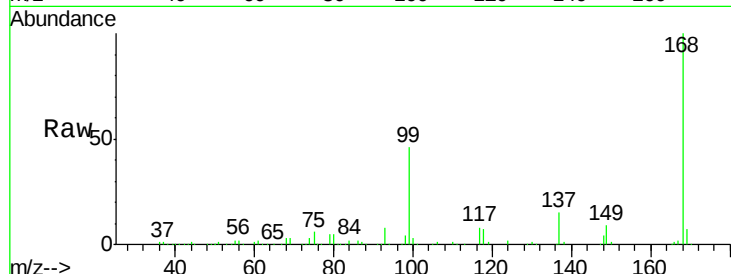
99 46.1 39.3 58.9

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

80000

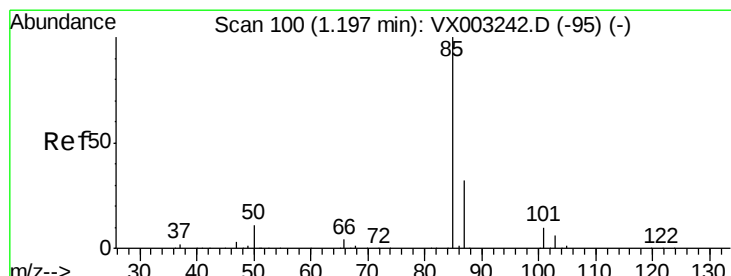
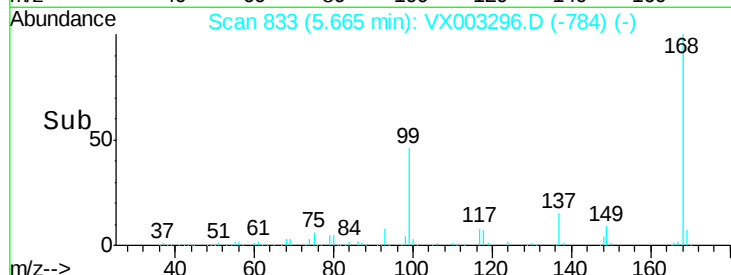
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003296.D

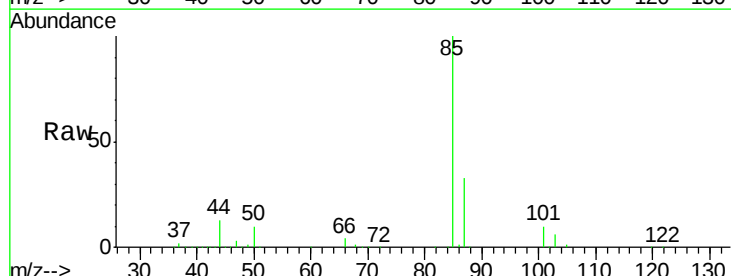
Acq: 10 Jul 2018 20:36

Tgt Ion: 85 Resp: 76050

Ion Ratio Lower Upper

85 100

87 33.3 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

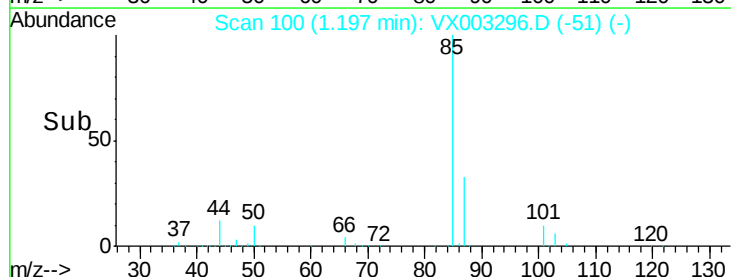
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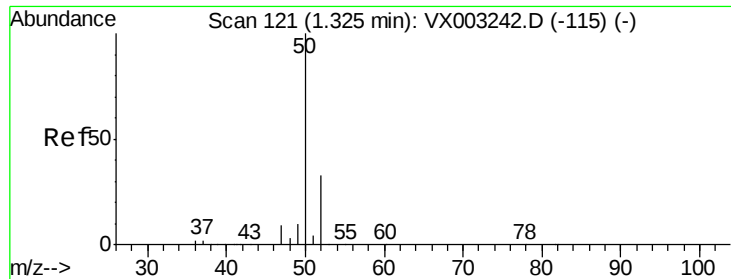
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampled :

VX0710WBSD01

Tot Ion: 50 Resp: 63356

Ion Ratio Lower Upper

50 100

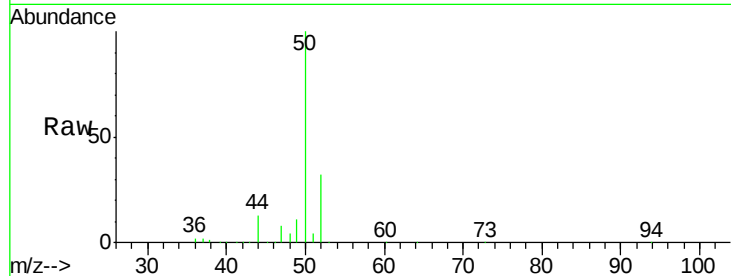
52 31.5 25.7 38.5

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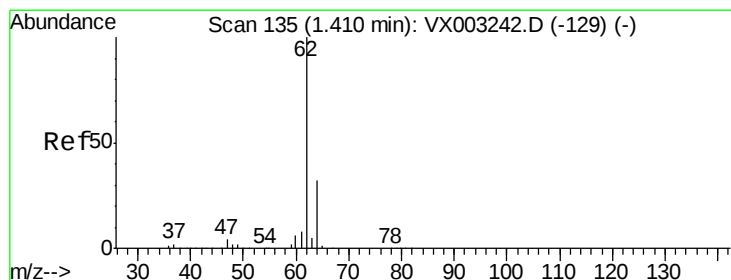
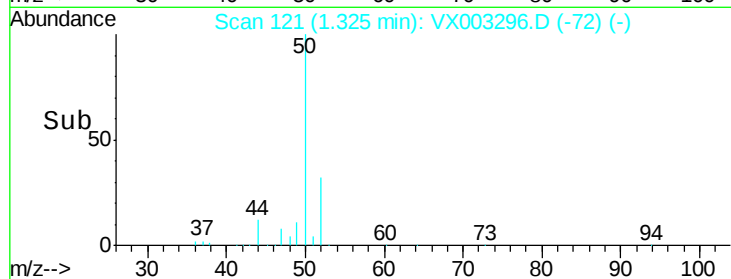
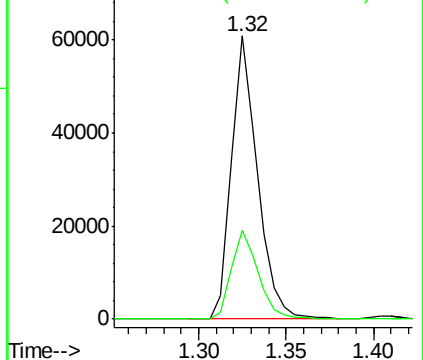
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003296.D

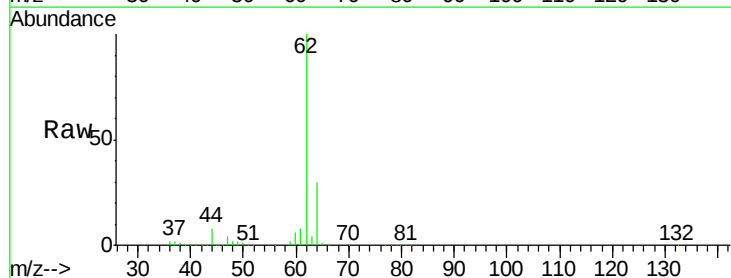
Acq: 10 Jul 2018 20:36

Tgt Ion: 62 Resp: 66404

Ion Ratio Lower Upper

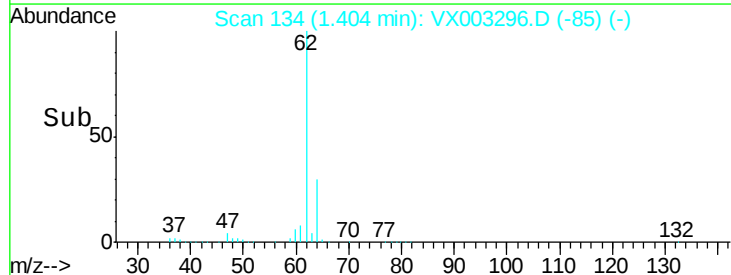
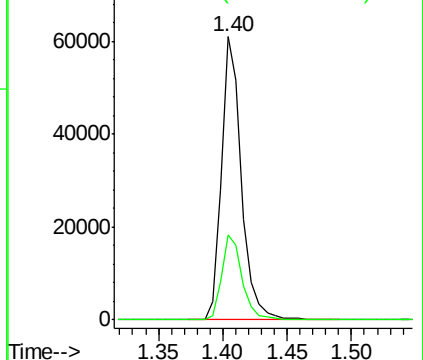
62 100

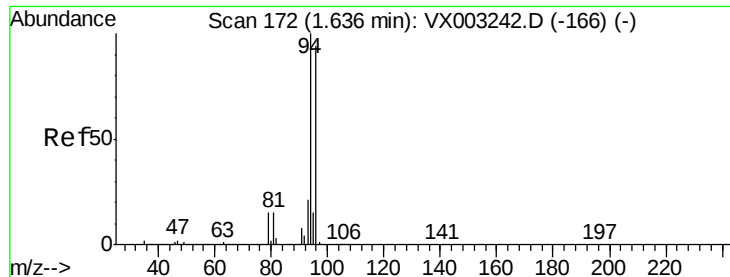
64 30.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





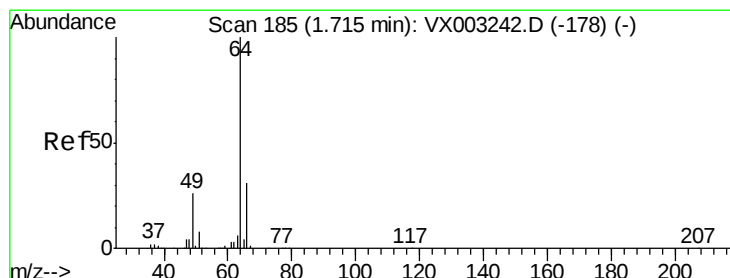
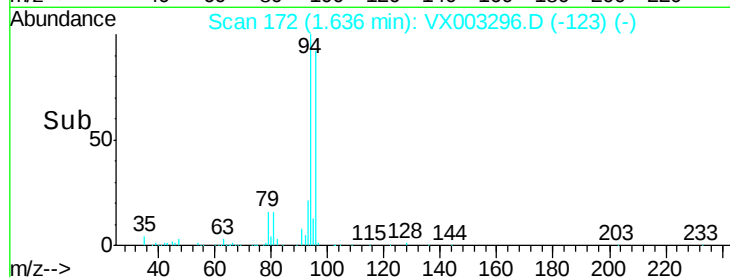
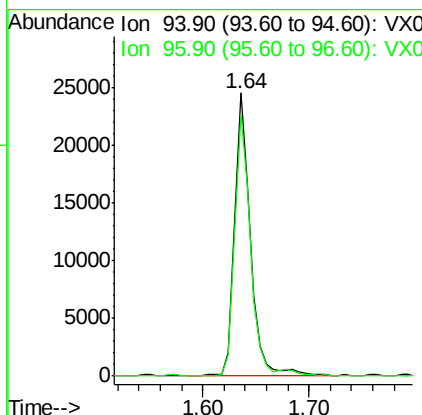
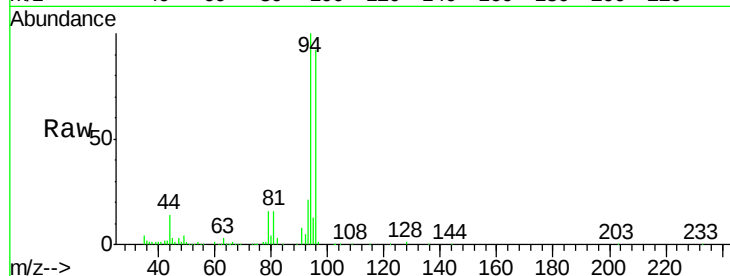
#5
Bromomethane
Concen: 25.06 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.9	112.3

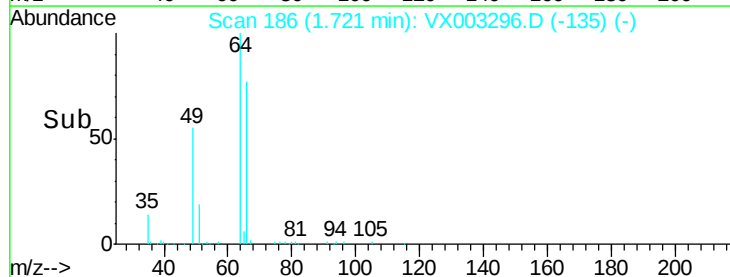
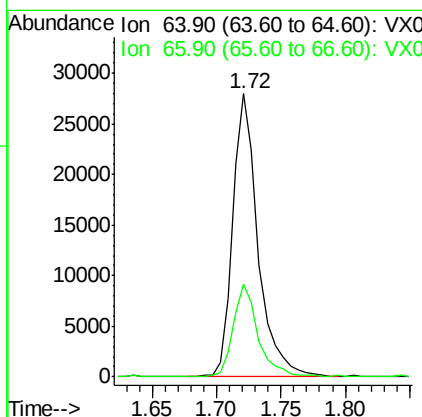
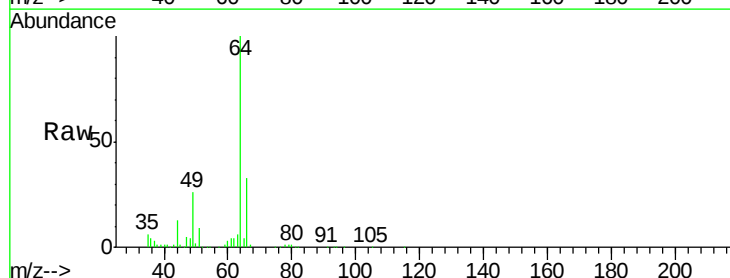
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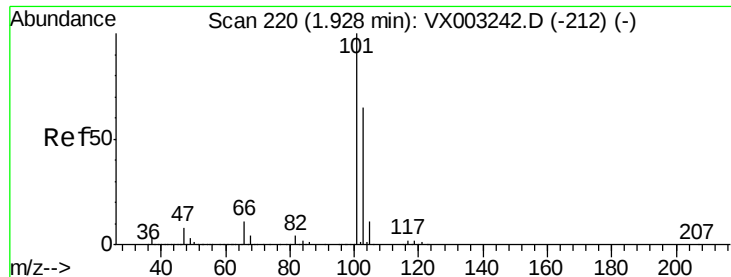
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#6
Chloroethane
Concen: 20.02 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.5	38.3





#7

Trichlorofluoromethane

Concen: 19.81 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion:101 Resp: 102134

Ion Ratio Lower Upper

101 100

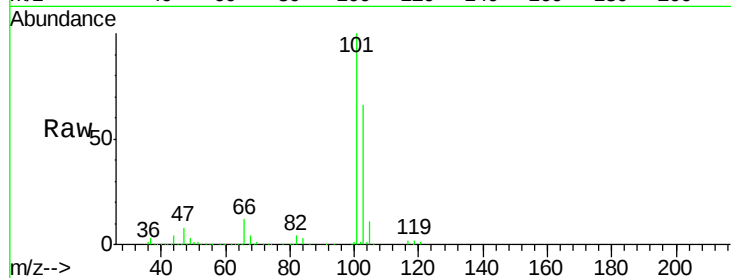
103 65.5 52.8 79.2

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

80000

60000

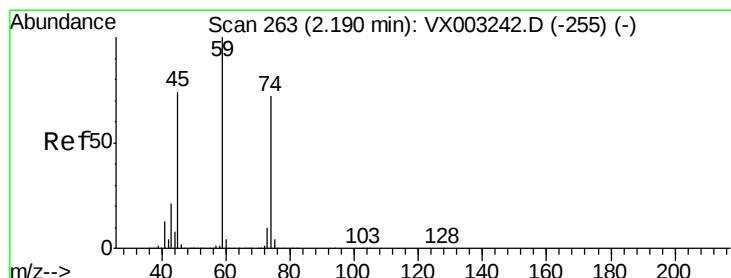
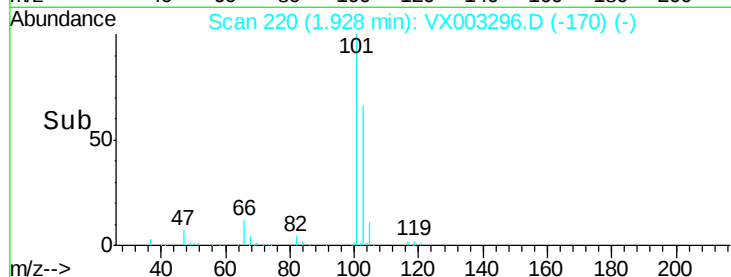
40000

20000

0

1.90 2.00

Time-->



#8

Diethyl Ether

Concen: 19.10 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003296.D

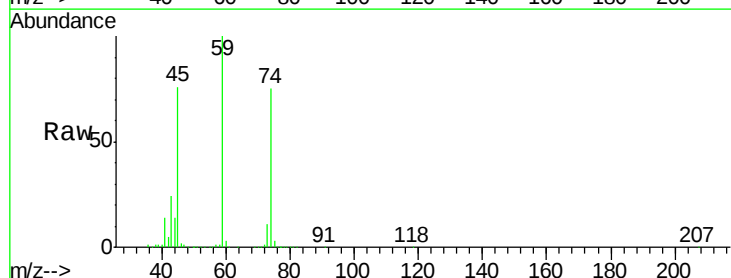
Acq: 10 Jul 2018 20:36

Tgt Ion: 74 Resp: 35593

Ion Ratio Lower Upper

74 100

45 99.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

25000

20000

15000

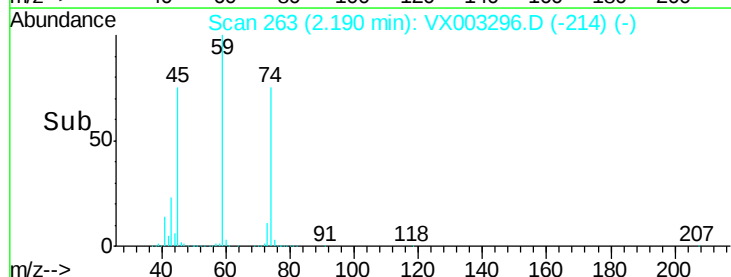
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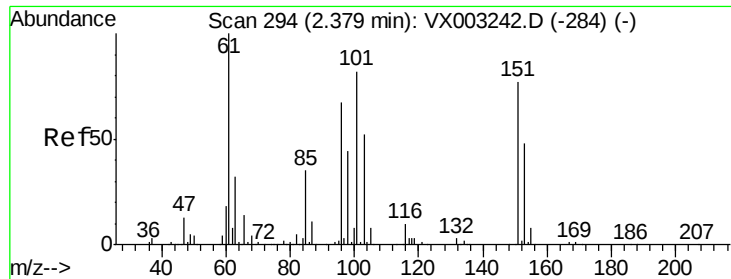
5000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.26 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

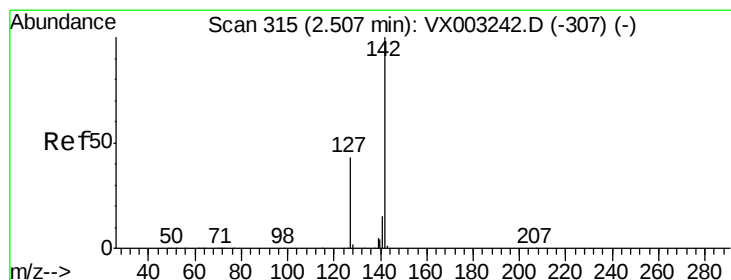
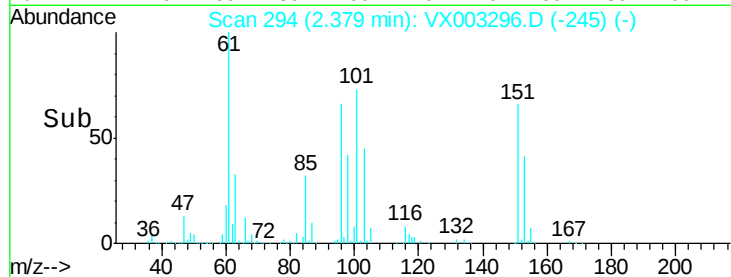
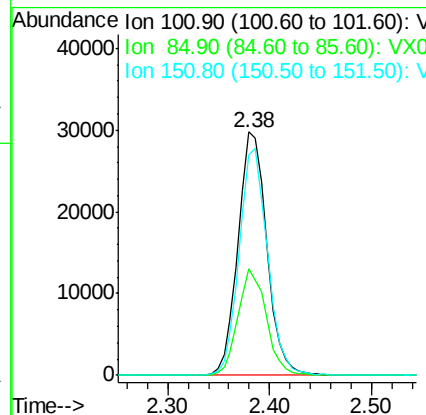
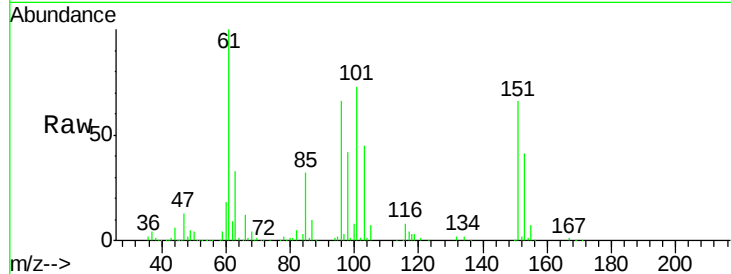
ClientSampleId :

VX0710WBSD01

Tot Ion:	101	Resp:	58129
Ion Ratio	Lower	Upper	
101	100		
85	42.9	36.0	54.0
151	92.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 21.25 ug/l

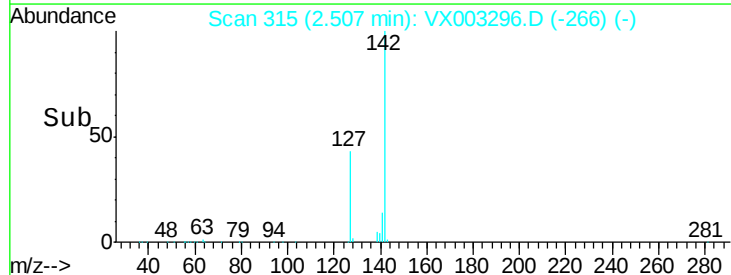
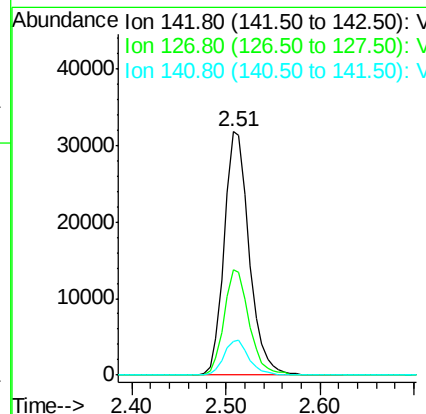
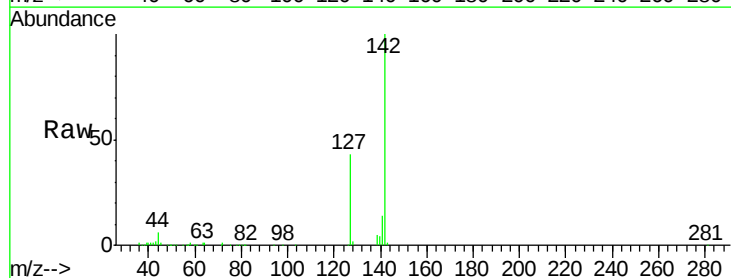
RT: 2.51 min Scan# 315

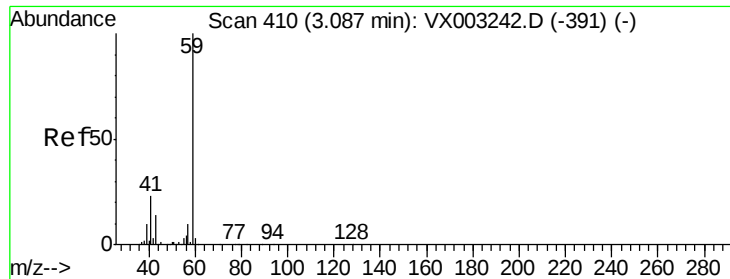
Delta R.T. 0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	142	Resp:	58628
Ion Ratio	Lower	Upper	
142	100		
127	43.4	36.6	55.0
141	14.4	11.3	16.9





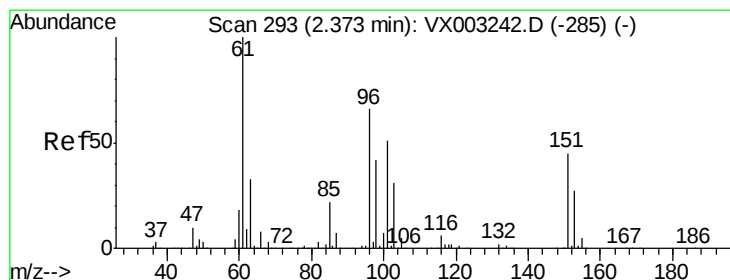
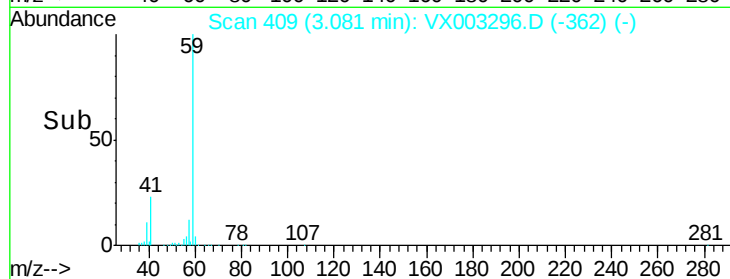
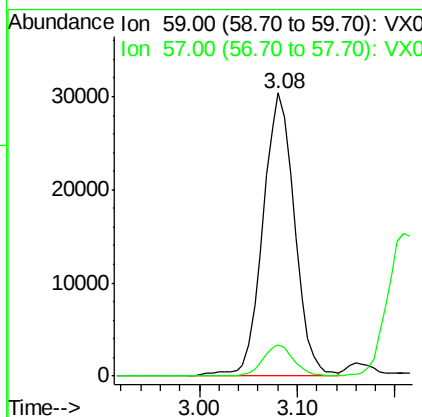
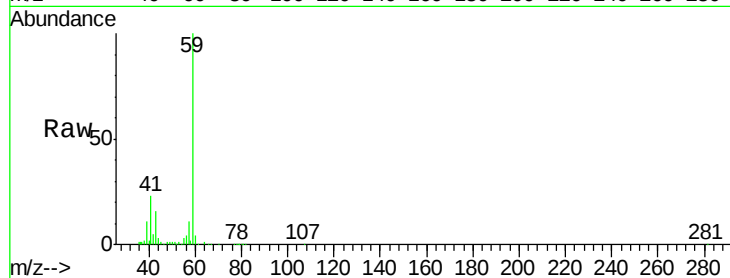
#11
Tert butyl alcohol
Concen: 98.44 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampled :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

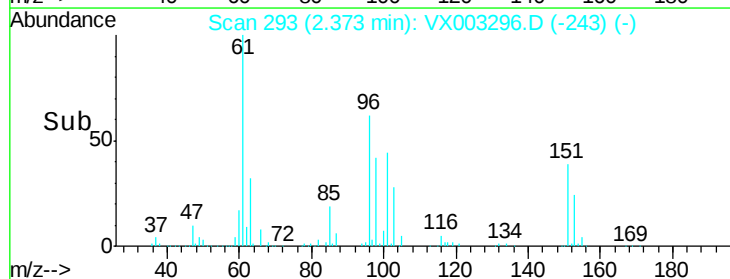
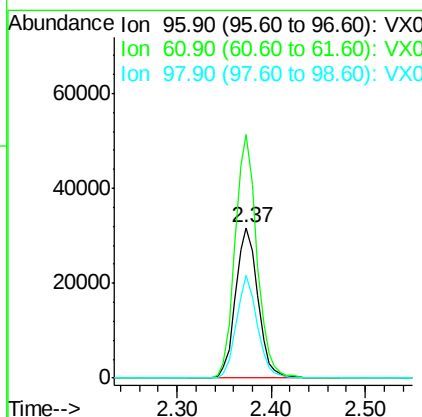
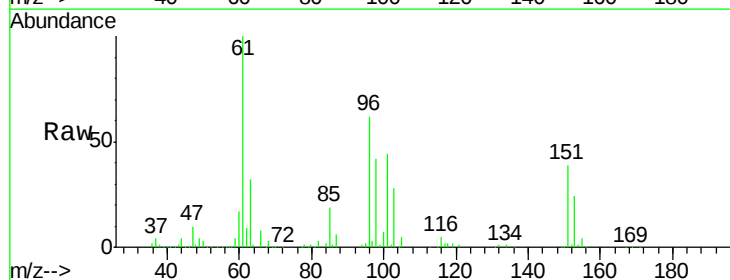
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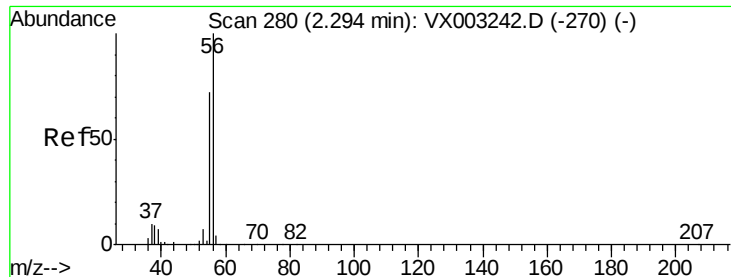
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#12
1,1-Dichloroethene
Concen: 19.11 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.7	137.9	206.9
98	68.3	51.6	77.4





#13

Acrolein

Concen: 84.45 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 56 Resp: 47471

Ion Ratio Lower Upper

56 100

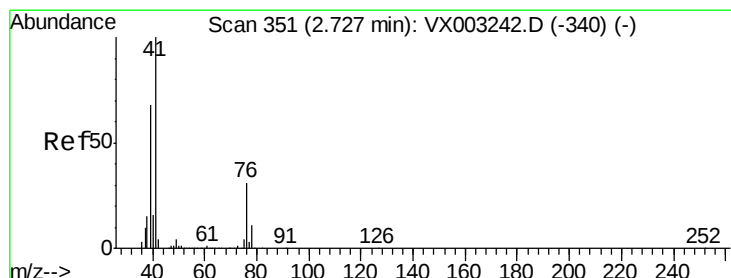
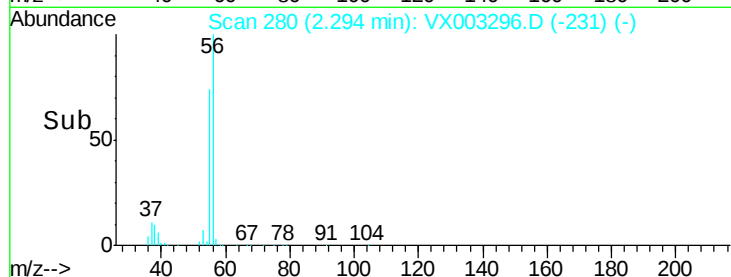
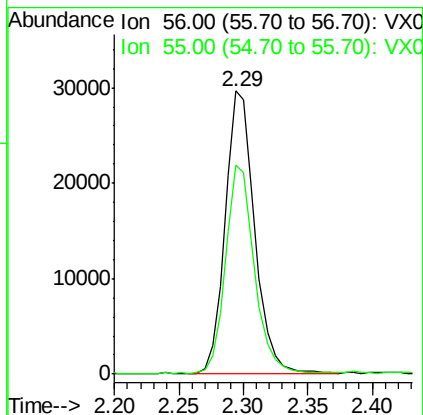
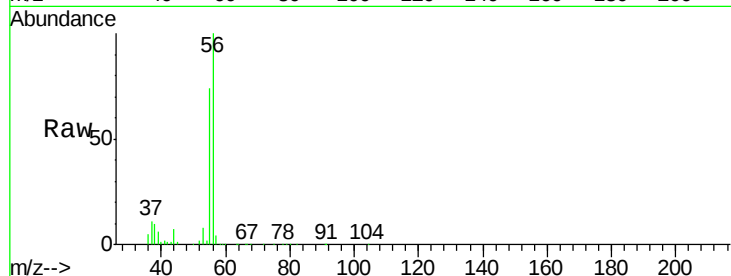
55 72.3 57.0 85.4

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#14

Allyl chloride

Concen: 18.46 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

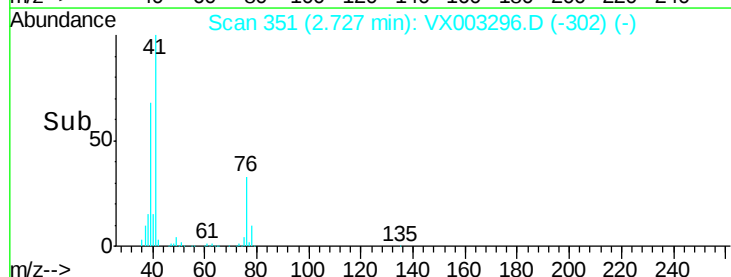
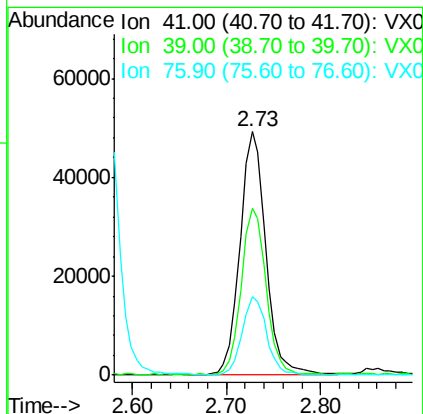
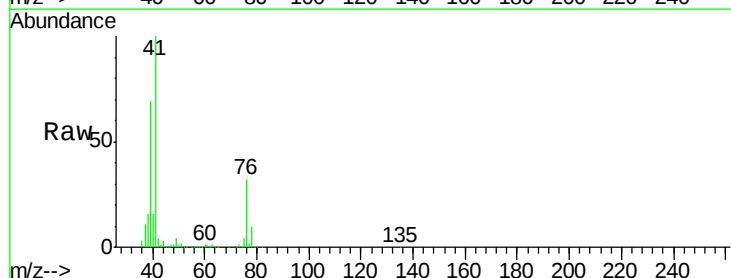
Tgt Ion: 41 Resp: 93939

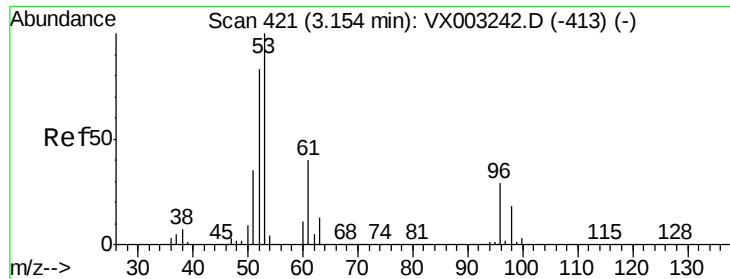
Ion Ratio Lower Upper

41 100

39 65.3 56.8 85.2

76 30.6 23.8 35.8





#15

Acrylonitrile

Concen: 95.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

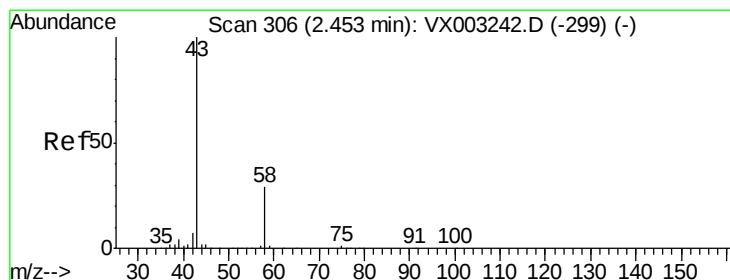
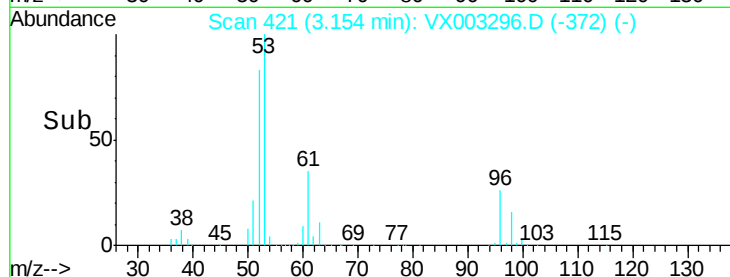
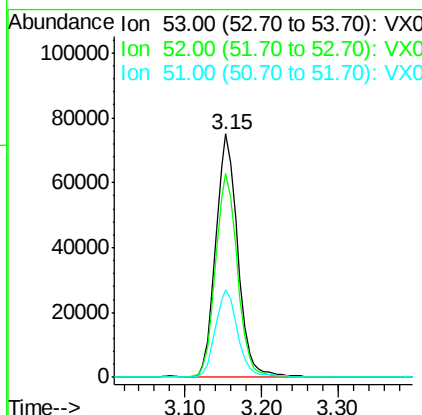
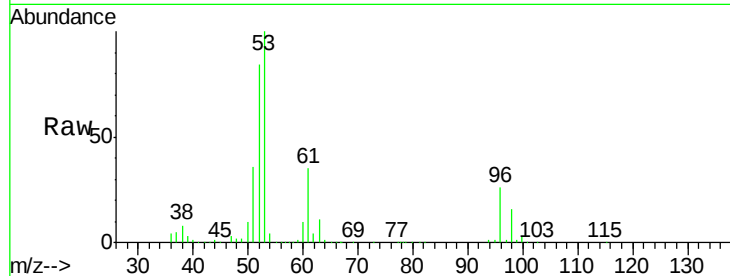
ClientSampleId :

VX0710WBSD01

Tot Ion:	53	Resp:	148972
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.7	100.1
51	36.5	29.9	44.9

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#16

Acetone

Concen: 104.09 ug/l

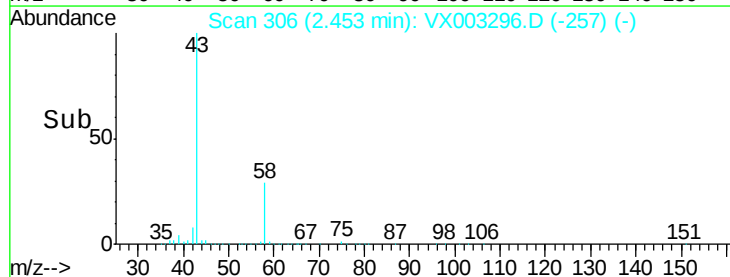
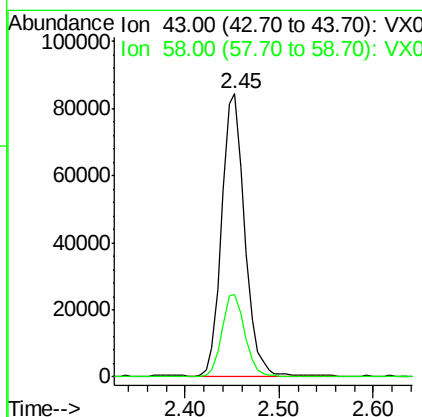
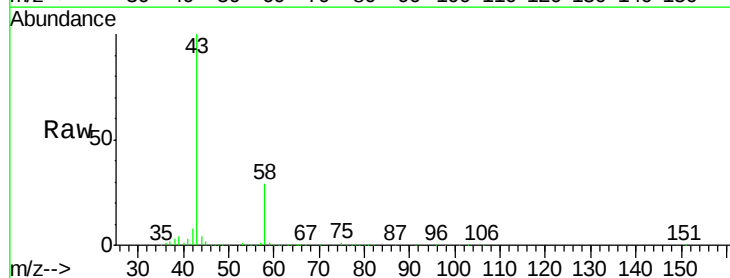
RT: 2.45 min Scan# 306

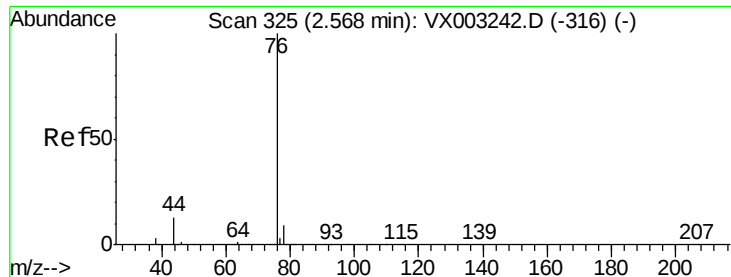
Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	43	Resp:	142190
Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.1	33.1





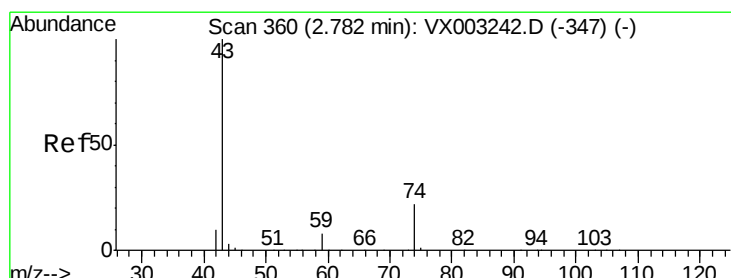
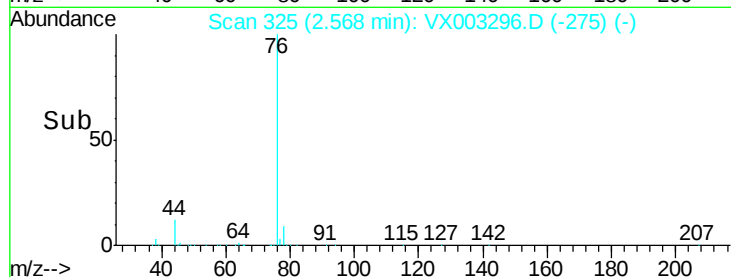
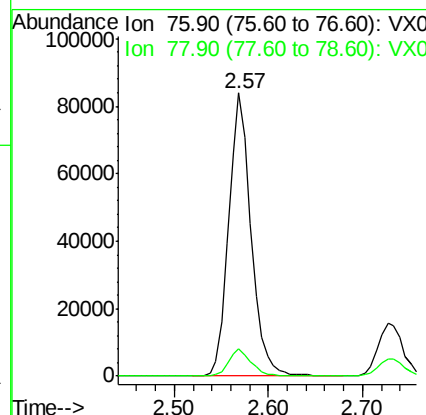
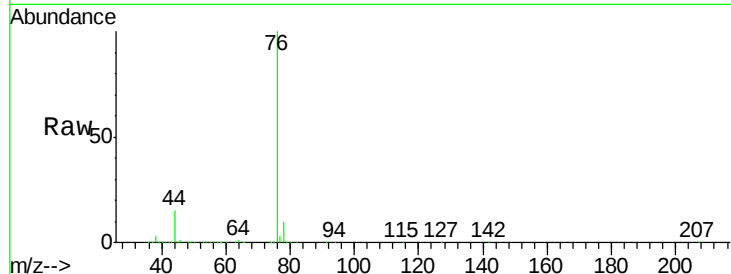
#17
Carbon Disulfide
Concen: 18.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
76	76	100		
78	78	9.4	6.9	10.3

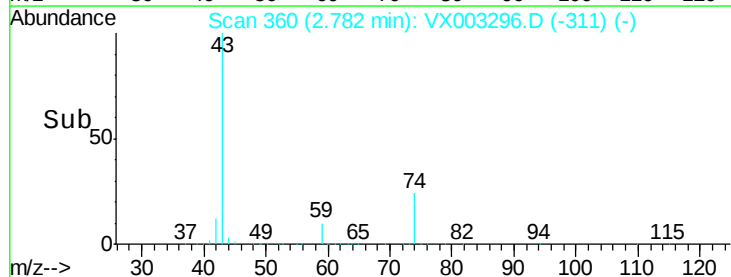
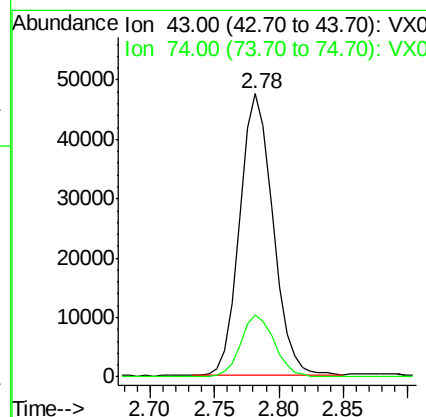
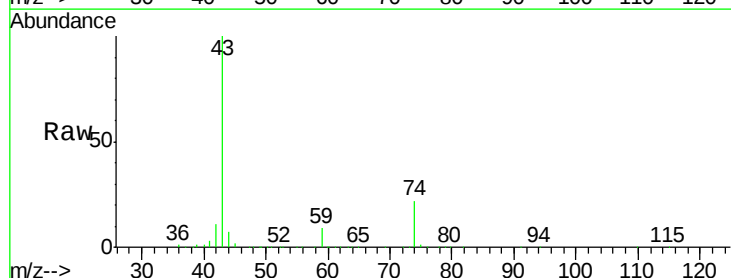
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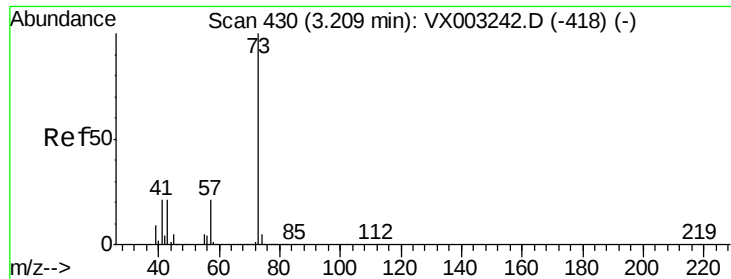
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#18
Methyl Acetate
Concen: 22.12 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
74	74	22.0	16.7	25.1





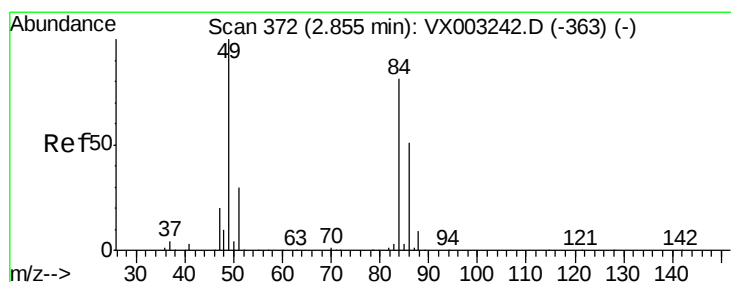
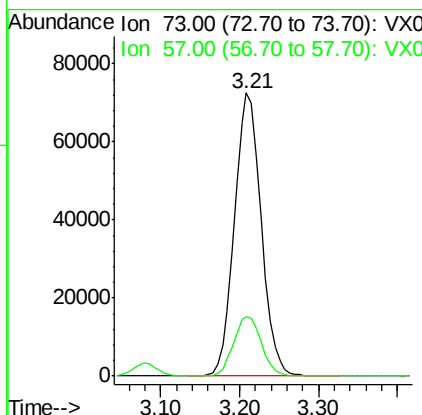
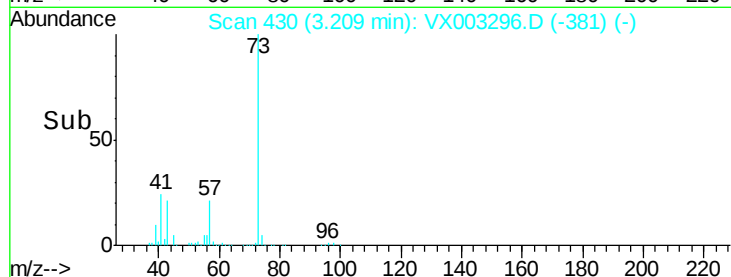
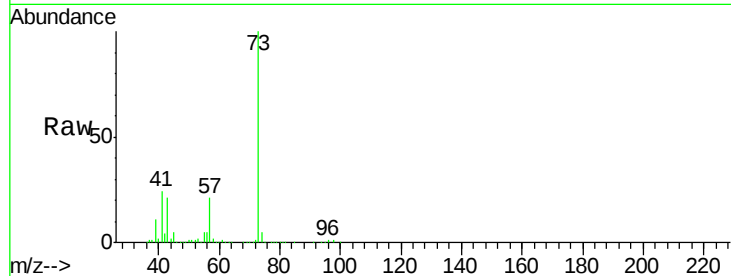
#19
Methvl tert-butvl Ether
Concen: 18.67 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion: 73 Resp: 171366
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

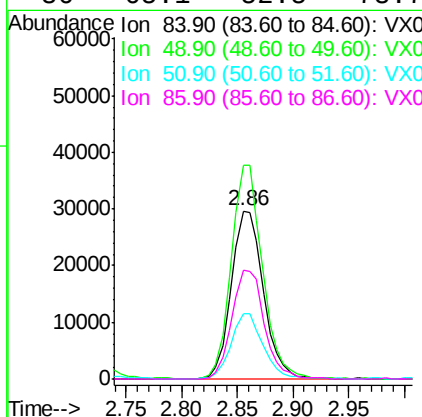
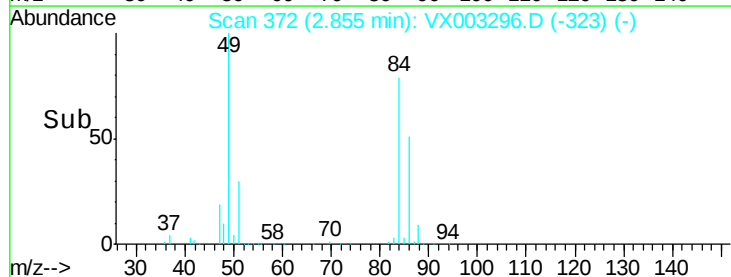
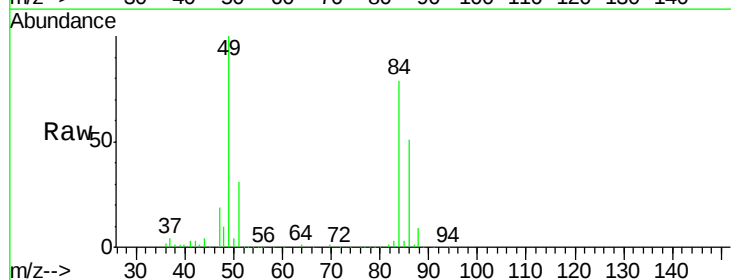
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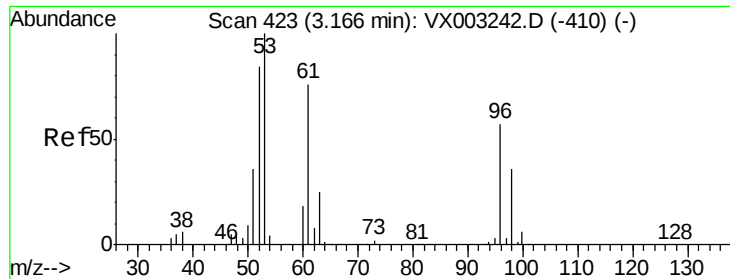
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#20
Methylene Chloride
Concen: 20.75 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion: 84 Resp: 59244
Ion Ratio Lower Upper
84 100
49 126.9 107.8 161.6
51 38.8 32.8 49.2
86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.41 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

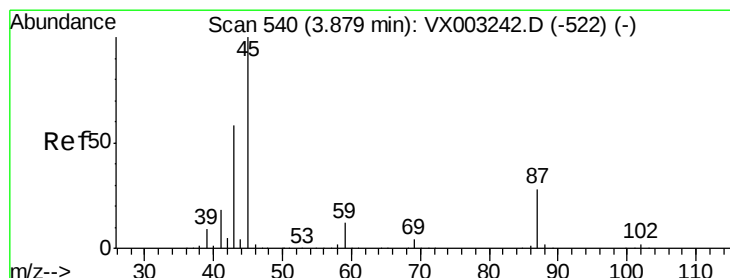
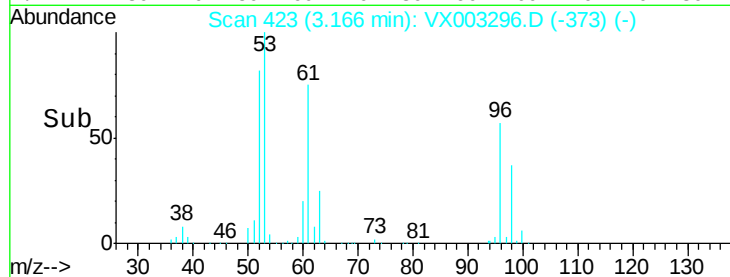
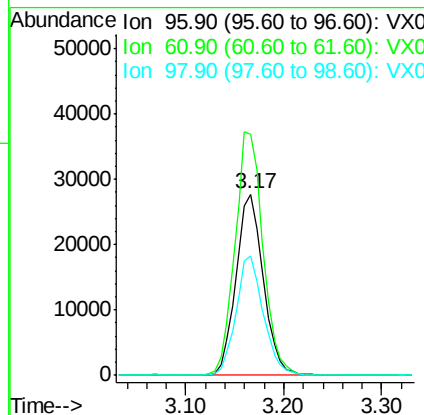
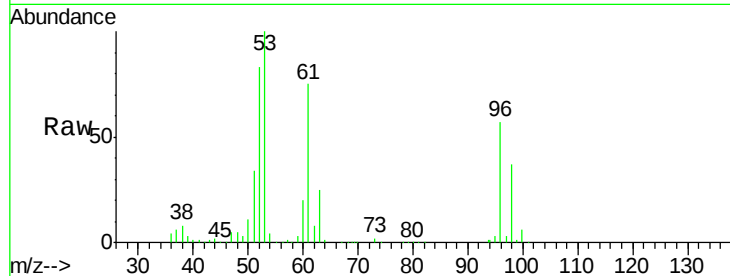
ClientSampleId :

VX0710WBSD01

Tot Ion:	96	Resp:	53921
Ion Ratio	Lower	Upper	
96	100		
61	133.1	117.0	175.4
98	65.8	52.4	78.6

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#22

Diisopropyl ether

Concen: 16.87 ug/l

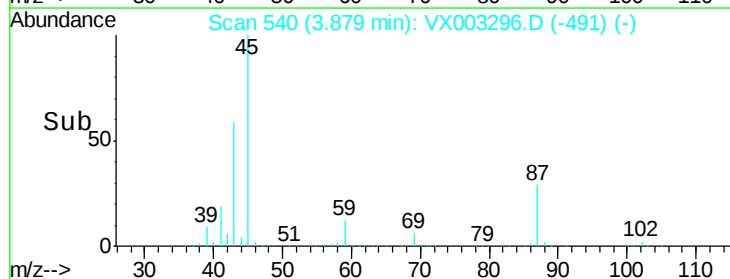
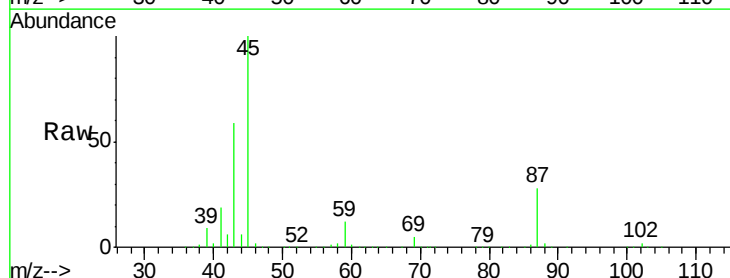
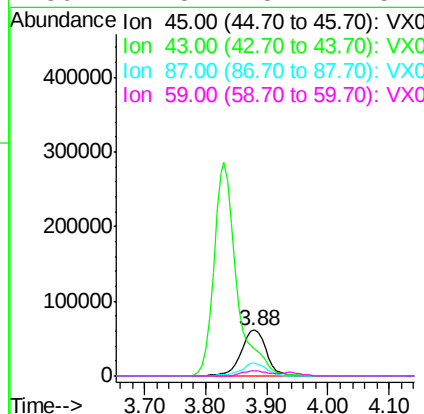
RT: 3.88 min Scan# 540

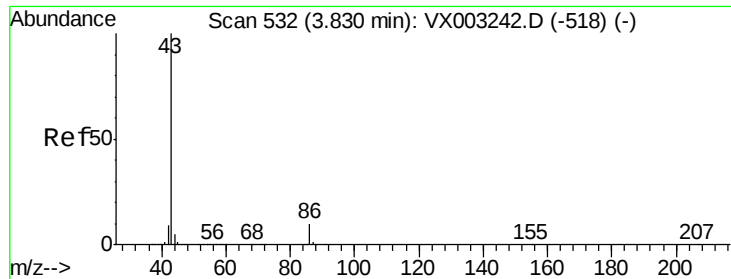
Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	45	Resp:	174606
Ion Ratio	Lower	Upper	
45	100		
43	59.0	46.8	70.2
87	28.5	20.2	30.4
59	11.8	8.7	13.1





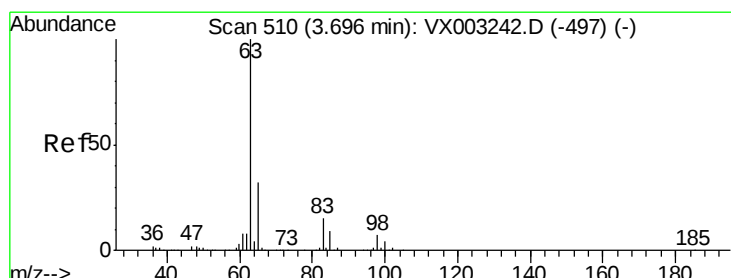
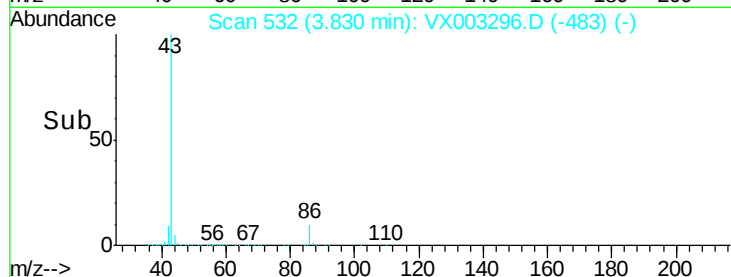
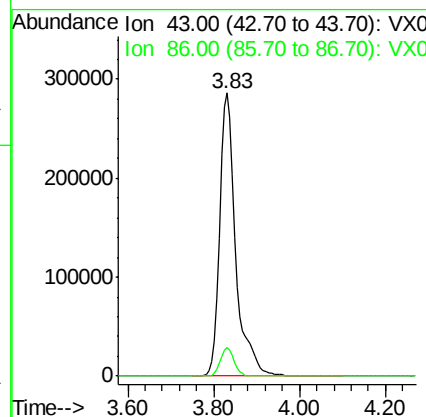
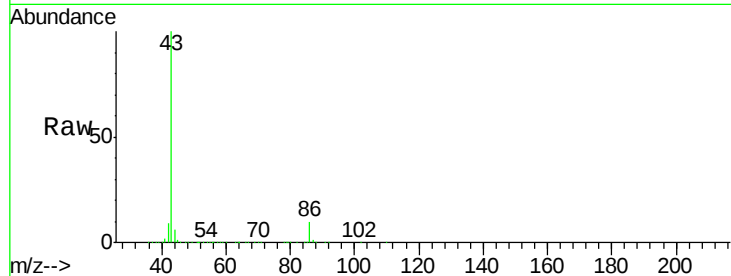
#23
 Vinyl Acetate
 Concen: 85.74 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.4	11.0

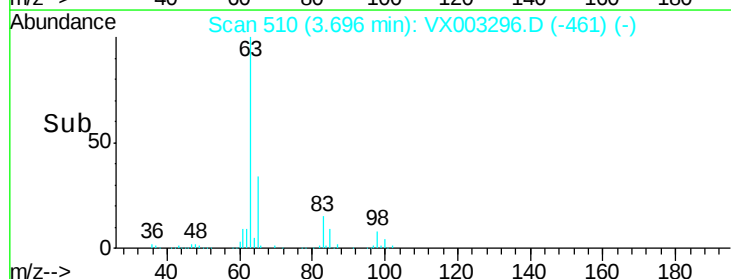
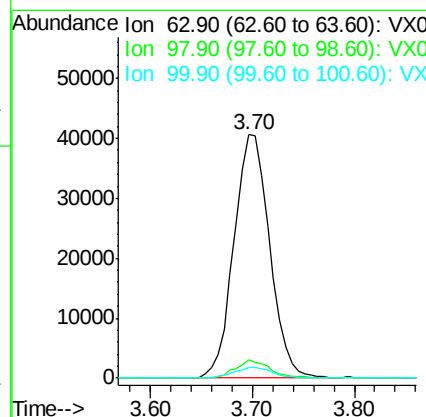
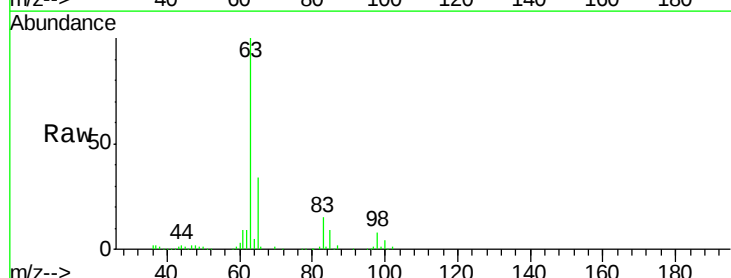
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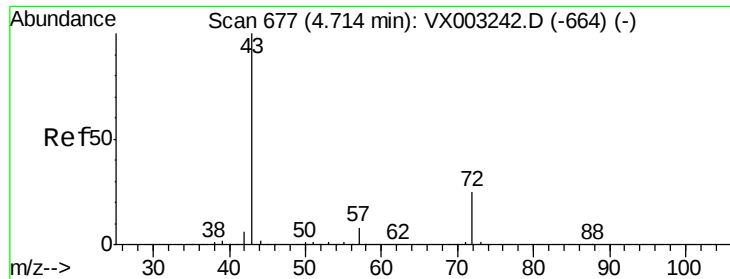
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#24
 1,1-Dichloroethane
 Concen: 18.31 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.4	10.2
100	4.4	2.0	6.0





#25

2-Butanone

Concen: 98.59 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 43 Resp: 238291

Ion Ratio Lower Upper

43 100

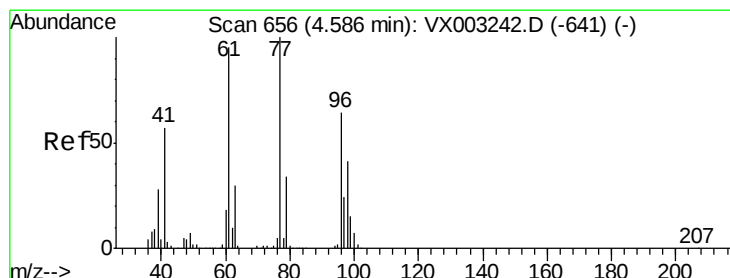
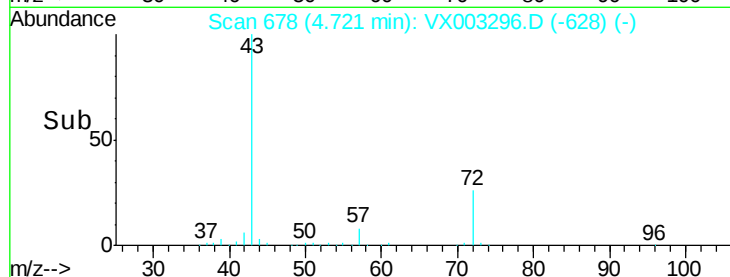
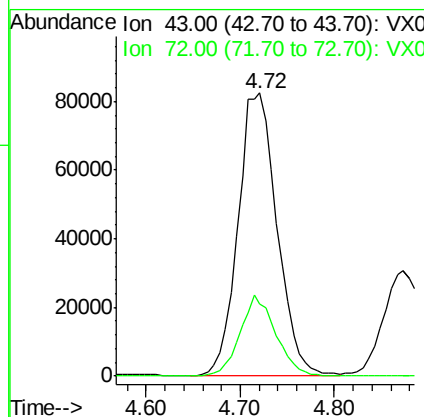
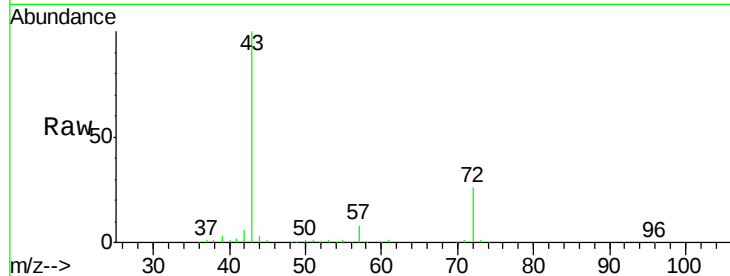
72 25.6 18.5 27.7

Manual Integrations

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7/11/2018 3:09:28 PM



#26

2,2-Dichloropropane

Concen: 14.36 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003296.D

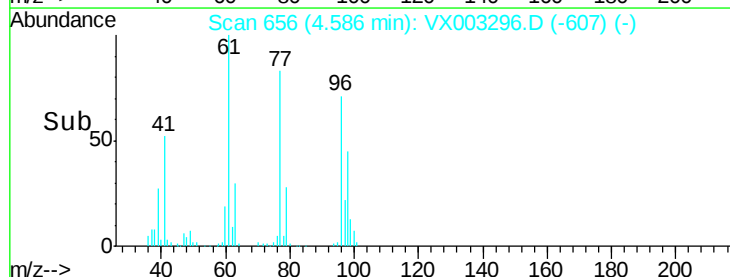
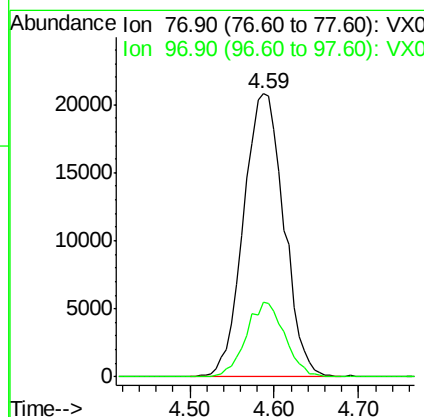
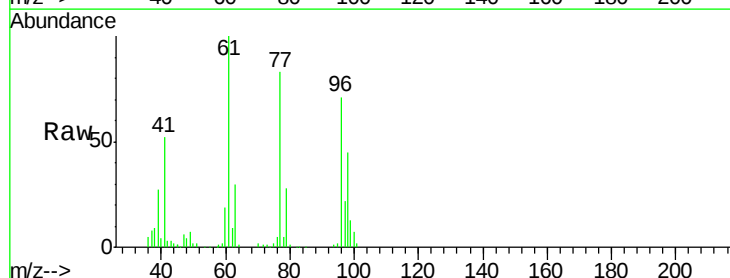
Acq: 10 Jul 2018 20:36

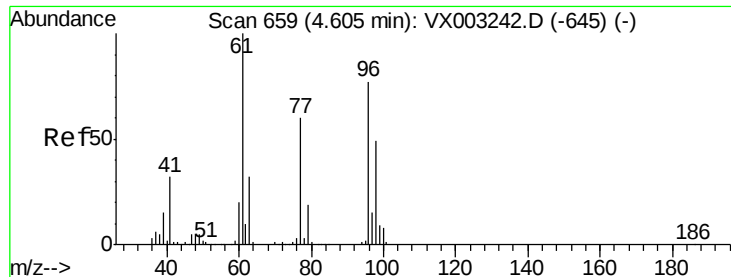
Tgt Ion: 77 Resp: 67679

Ion Ratio Lower Upper

77 100

97 25.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.97 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

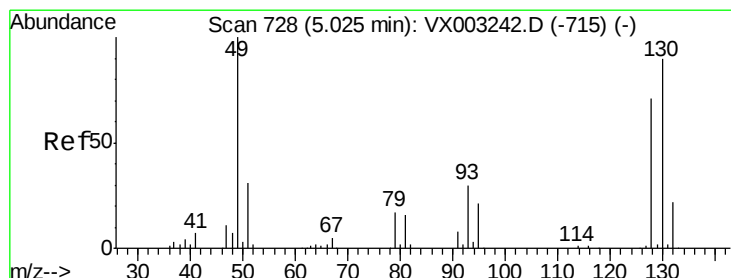
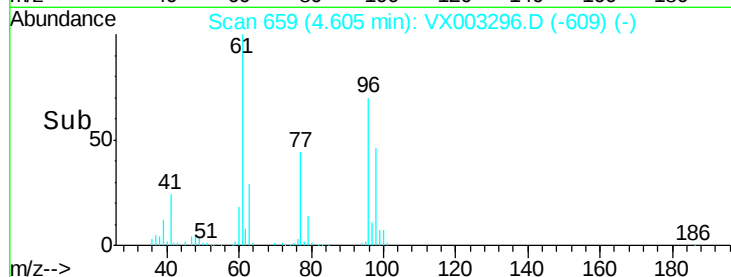
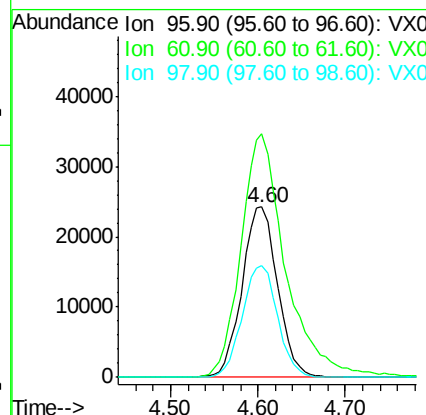
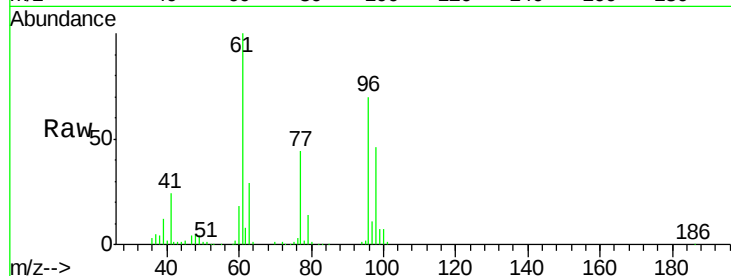
ClientSampleId :

VX0710WBSD01

Tot Ion:	96	Resp:	68285
Ion	Ratio	Lower	Upper
96	100		
61	180.3	0.0	330.2
98	65.6	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 19.20 ug/l

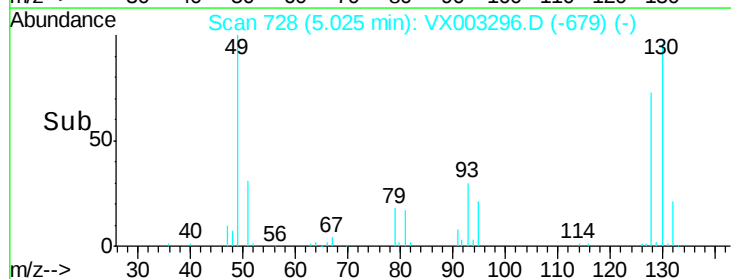
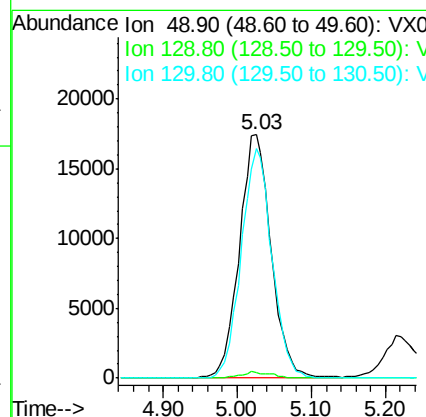
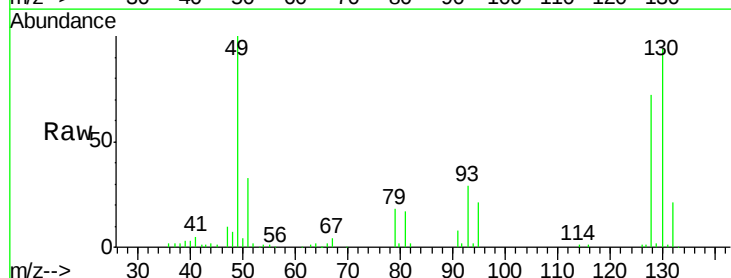
RT: 5.03 min Scan# 728

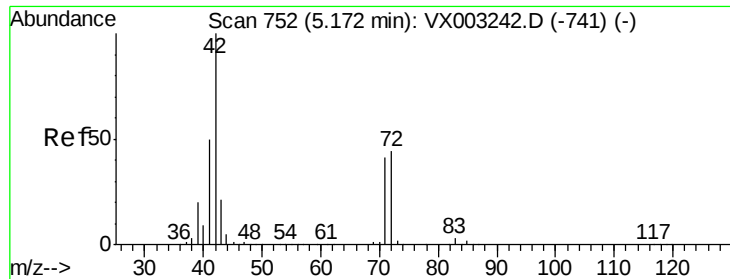
Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	49	Resp:	52128
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	91.0	61.2	91.8





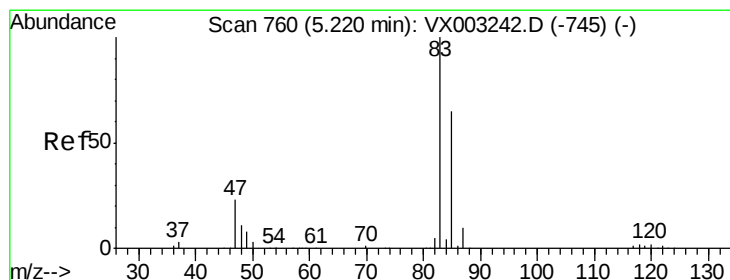
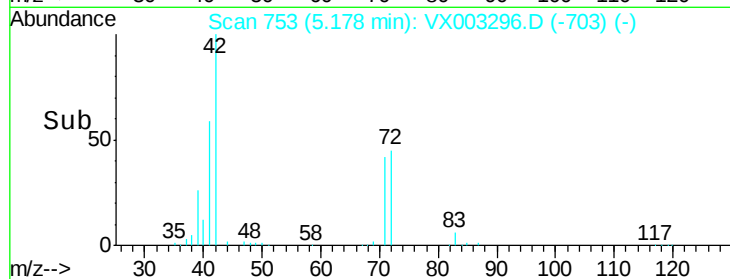
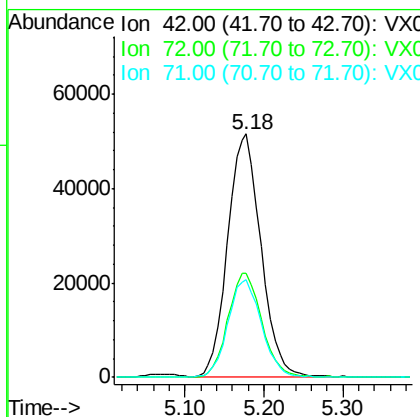
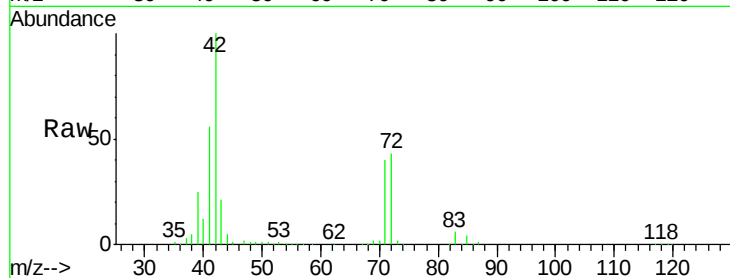
#29
Tetrahydrofuran
Concen: 95.74 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	32.0	48.0
71	40.8	30.1	45.1

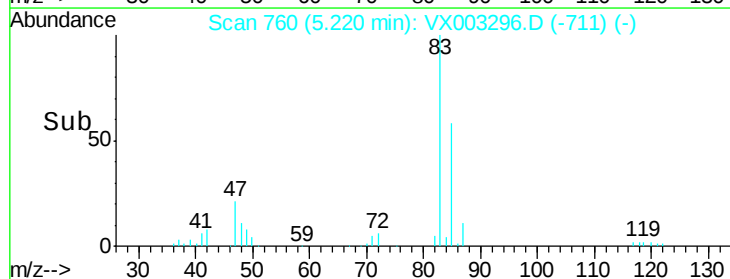
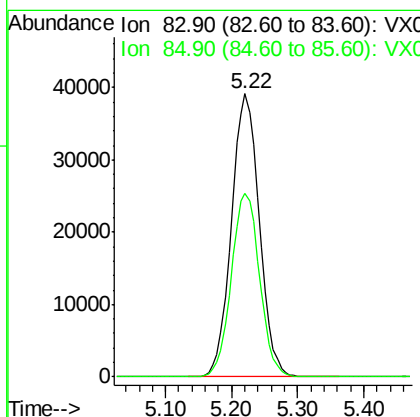
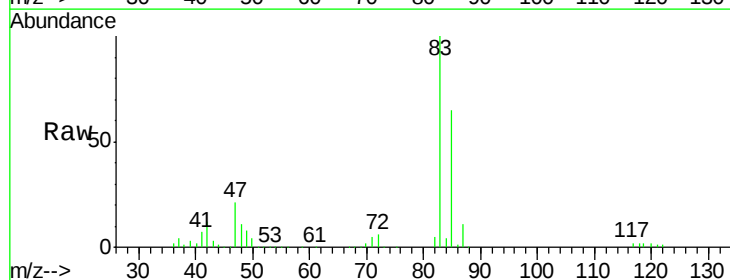
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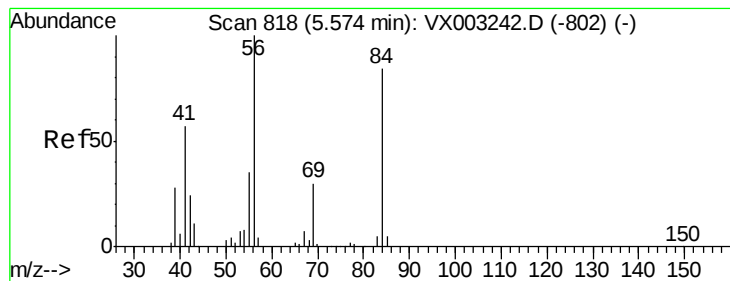
MMDadoda
7/11/2018 3:09:28 PM



#30
Chloroform
Concen: 19.30 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.4	75.6





#31

Cyclohexane

Concen: 18.63 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 56 Resp: 93992

Ion Ratio Lower Upper

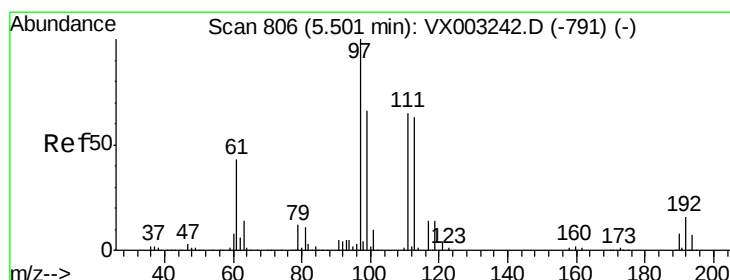
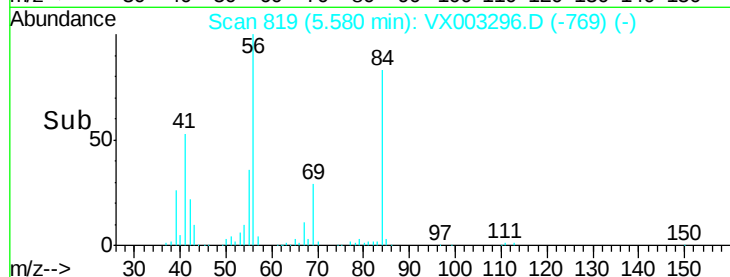
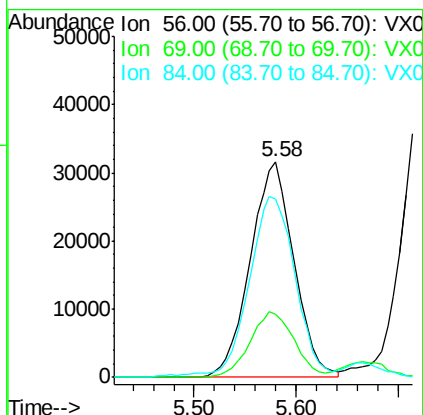
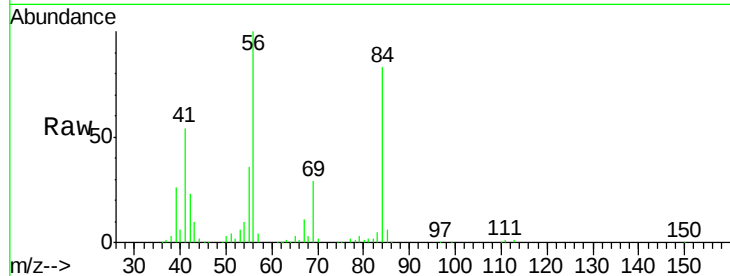
56 100

69 29.2 23.7 35.5

84 81.3 64.1 96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.06 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

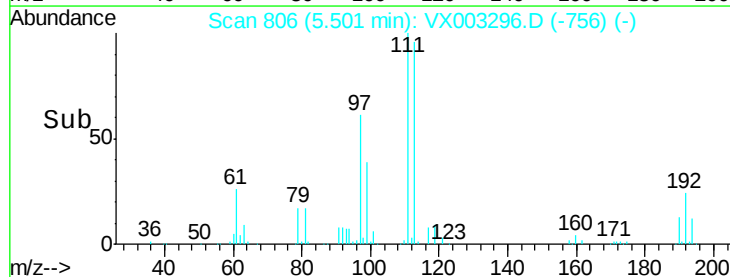
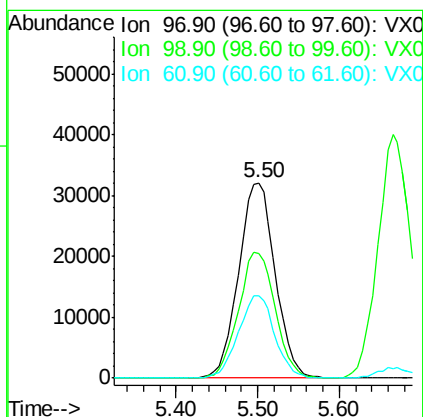
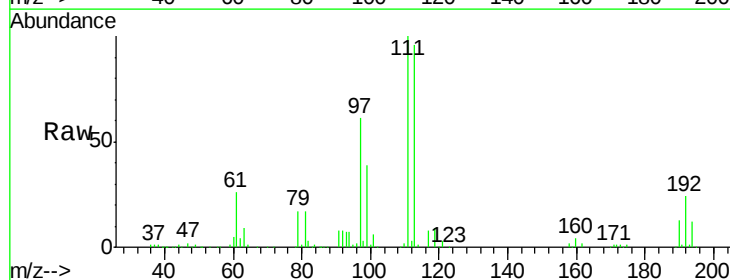
Tgt Ion: 97 Resp: 99676

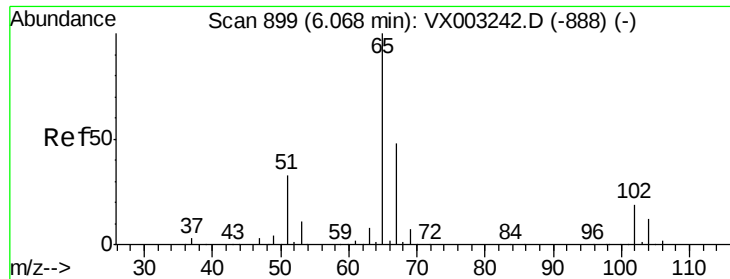
Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 42.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 65 Resp: 183620

Ion Ratio Lower Upper

65 100

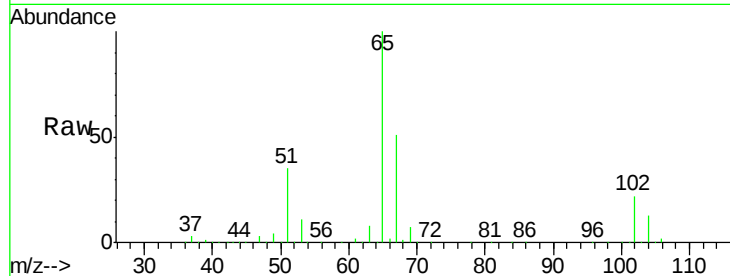
67 52.1 0.0 102.6

Manual Integrations

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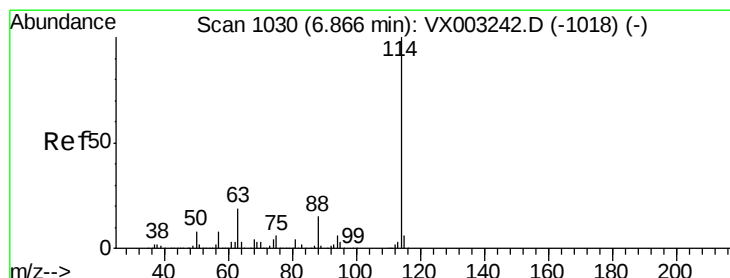
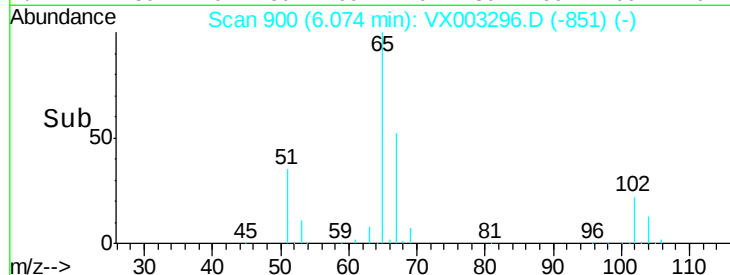
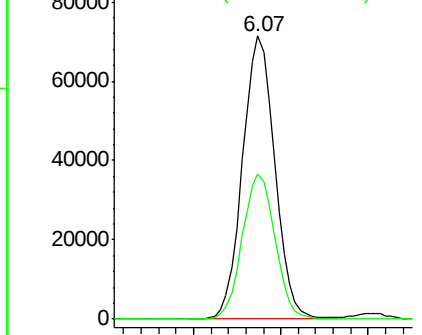
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

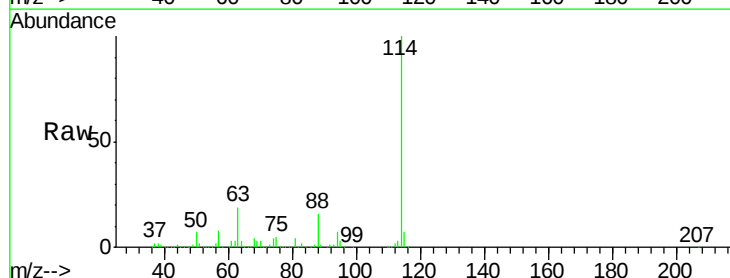
Tgt Ion: 114 Resp: 307130

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

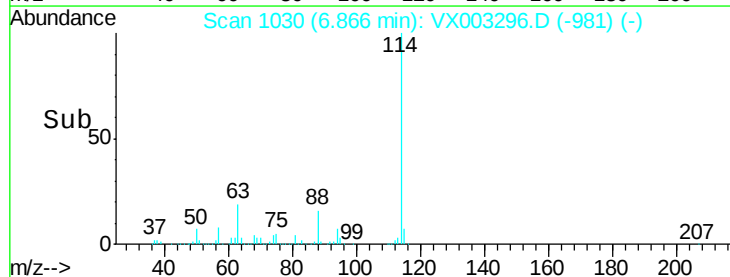
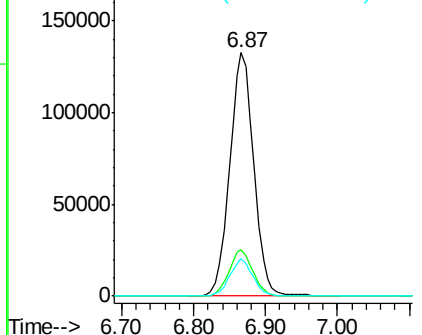
88 15.6 0.0 30.0

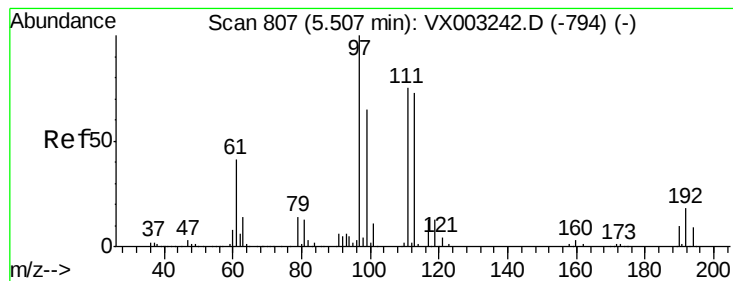


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.92 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

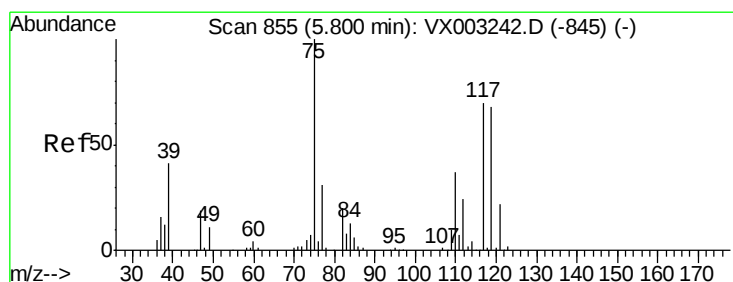
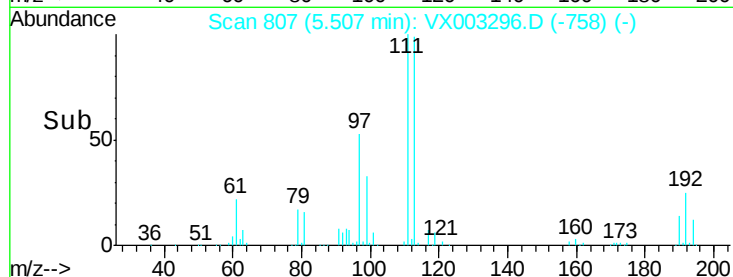
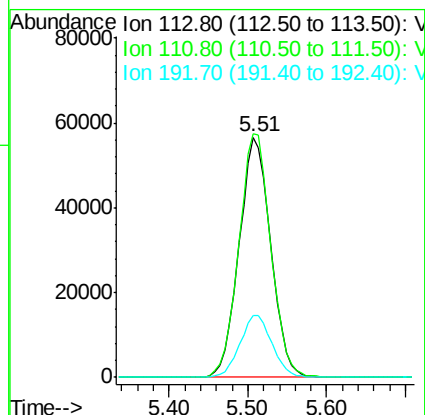
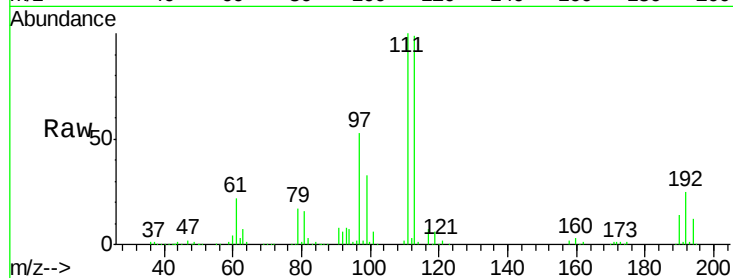
ClientSampleId :

VX0710WBSD01

Tot Ion:	113	Resp:	158109
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.4	122.0
192	25.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.18 ug/l

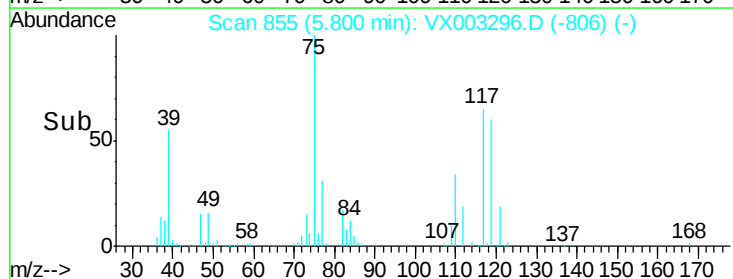
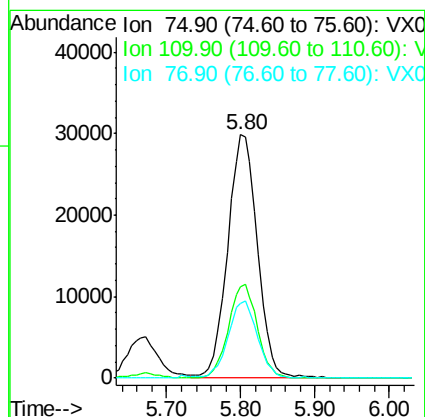
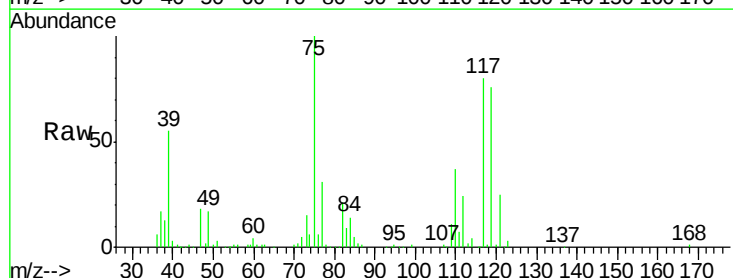
RT: 5.80 min Scan# 855

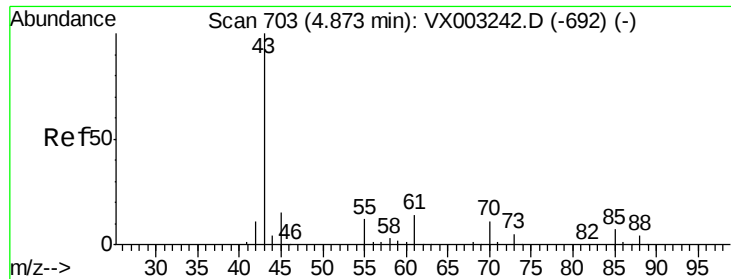
Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	75	Resp:	83405
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.4
77	30.7	24.3	36.5





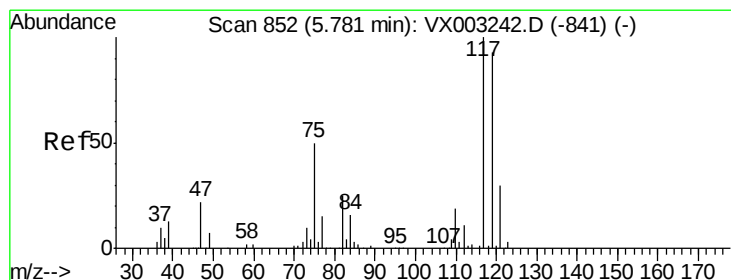
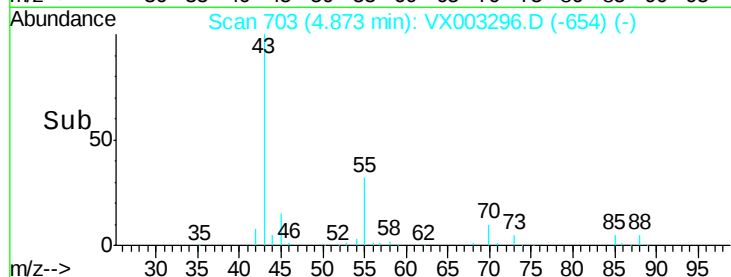
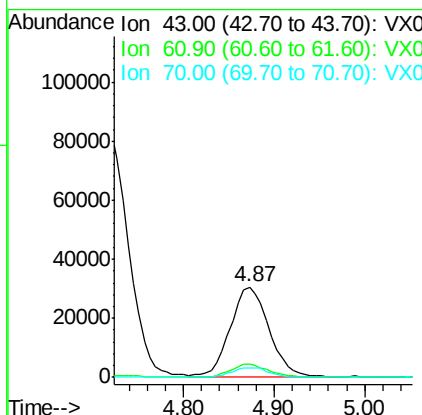
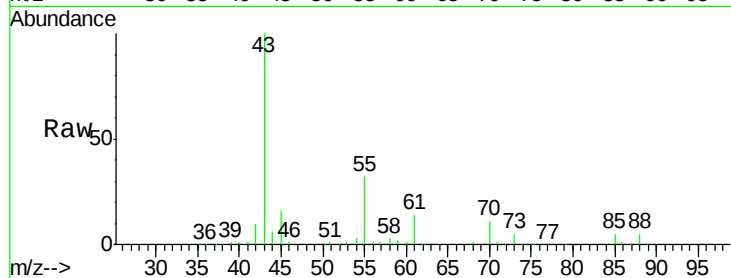
#37
Ethyl Acetate
Concen: 18.83 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	43	Resp	89733
Ion Ratio	100	Lower	Upper
43	100		
61	14.5	10.4	15.6
70	10.8	7.6	11.4

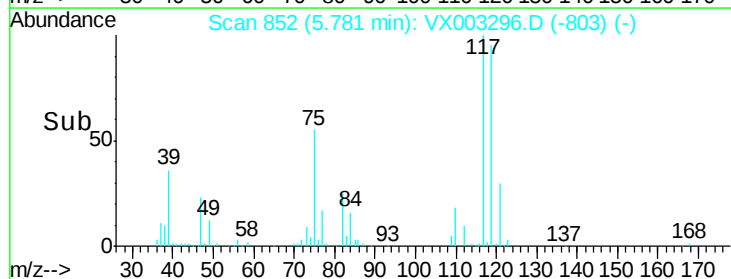
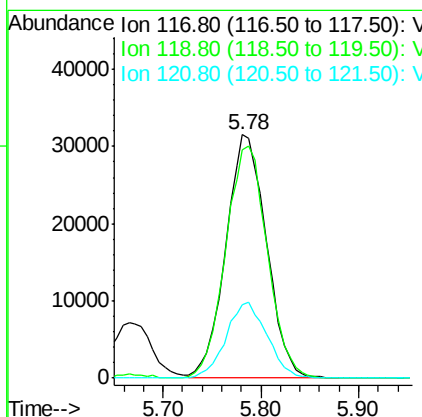
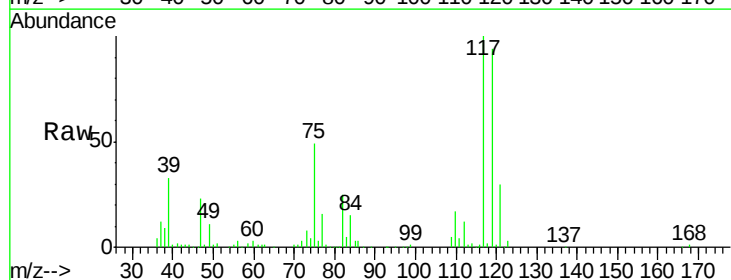
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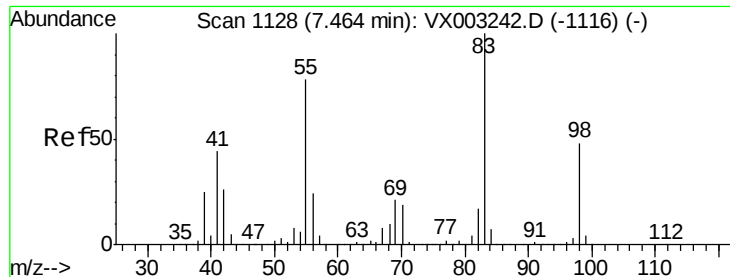
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#38
Carbon Tetrachloride
Concen: 19.11 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	117	Resp	90871
Ion Ratio	100	Lower	Upper
117	100		
119	93.7	77.4	116.0
121	29.9	24.4	36.6





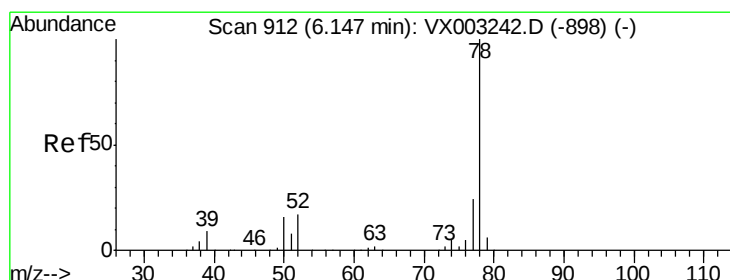
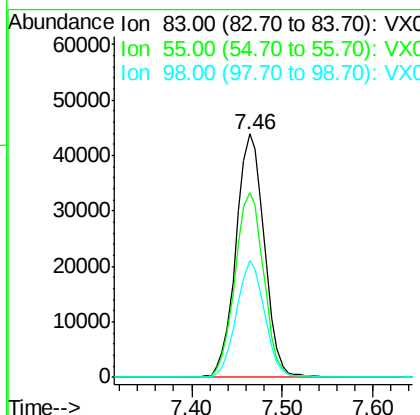
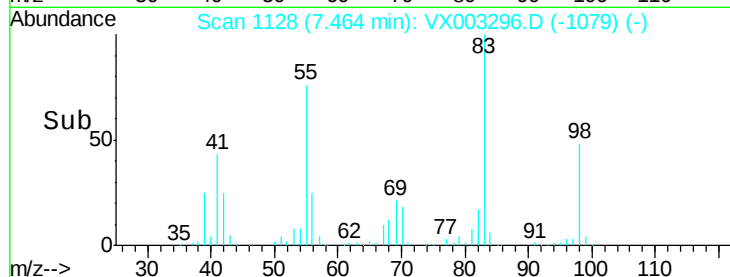
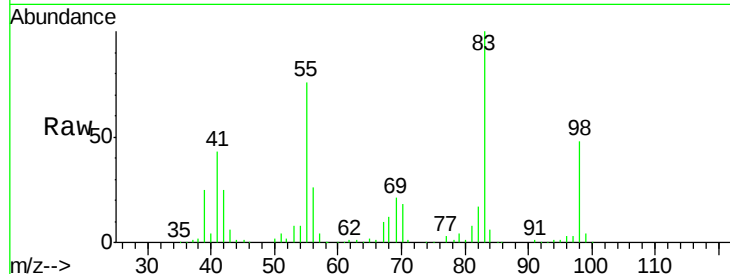
#39
Methylvlcyclohexane
Concen: 18.56 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	83	Resp	95086
Ion Ratio	100	Lower	Upper
83	100		
55	76.0	65.4	98.0
98	48.0	37.4	56.0

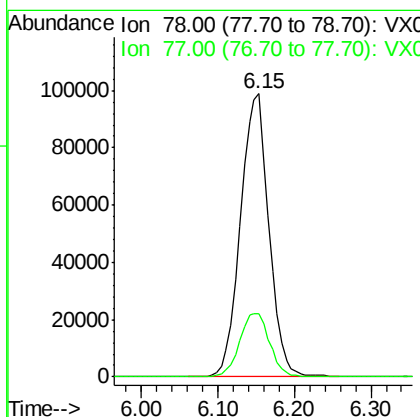
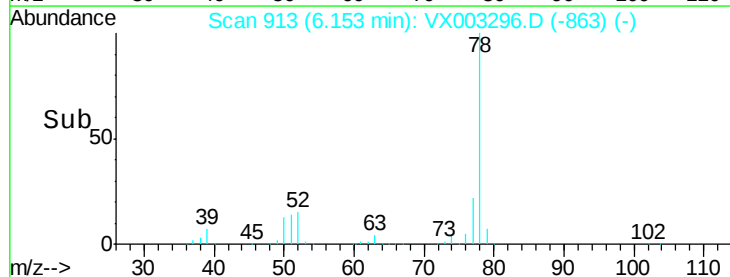
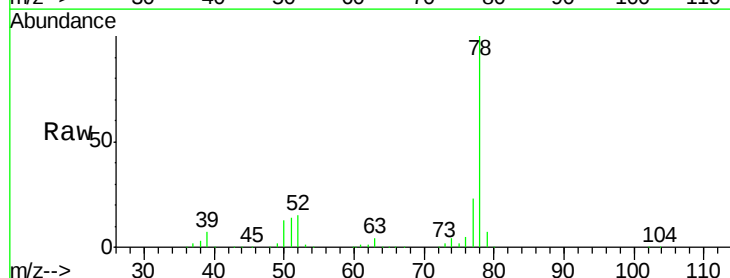
Manual Integrations
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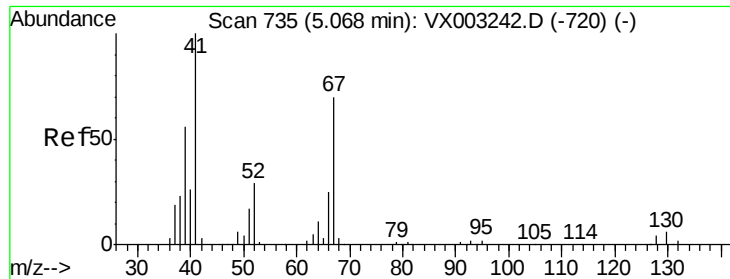
MMDadoda
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#40
Benzene
Concen: 19.75 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	78	Resp	254509
Ion Ratio	100	Lower	Upper
78	100		
77	22.5	19.1	28.7





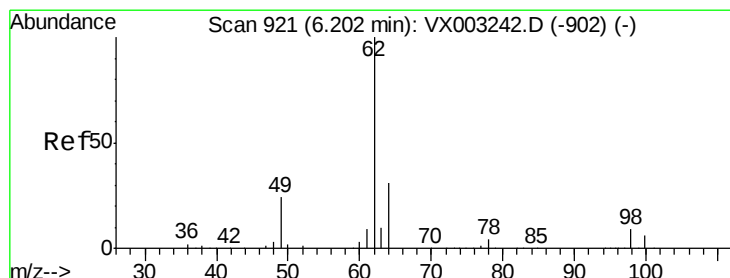
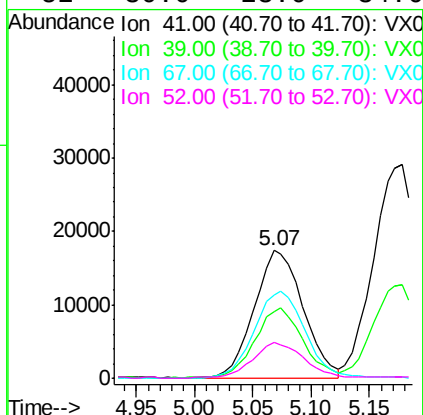
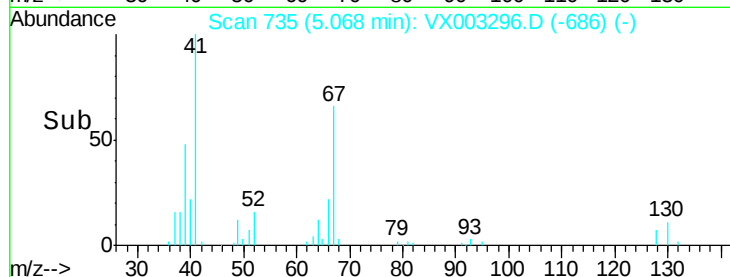
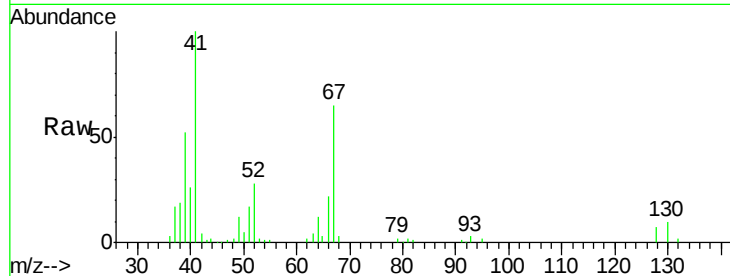
#41
Methacrylonitrile
Concen: 19.41 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	41	Resp	50649
Ion Ratio	Lower	Upper	
41	100		
39	53.4	45.8	68.6
67	71.0	51.3	76.9
52	30.0	23.0	34.6

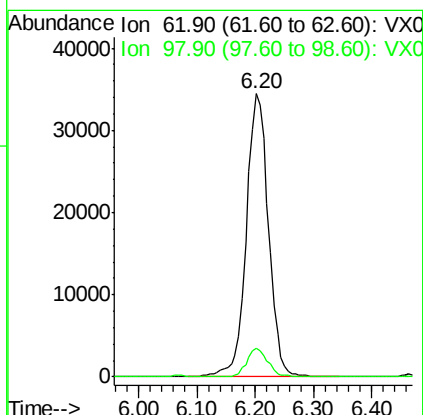
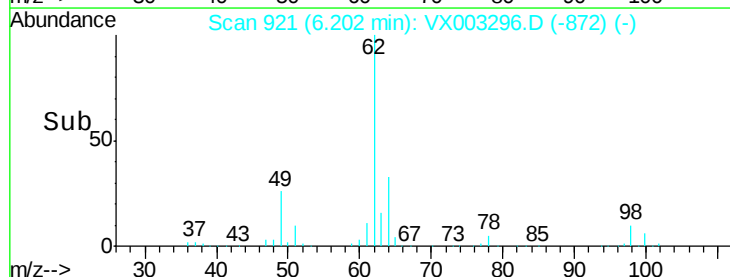
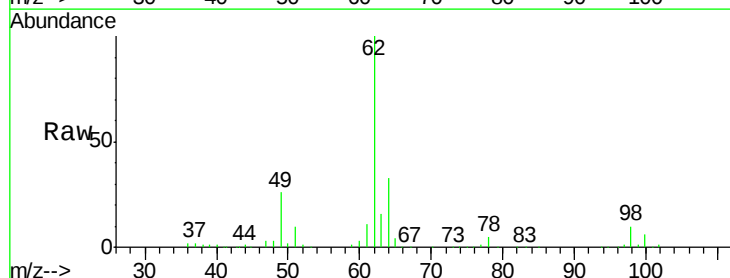
Manual Integrations
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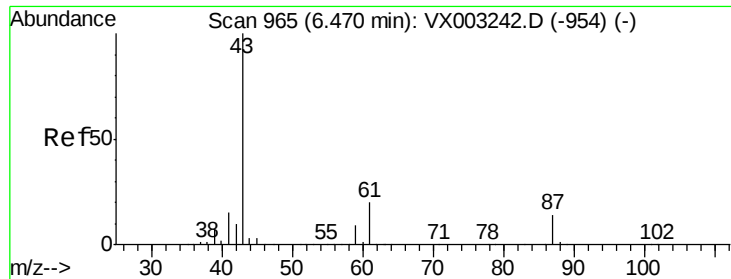
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.87 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	62	Resp	90829
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	16.6





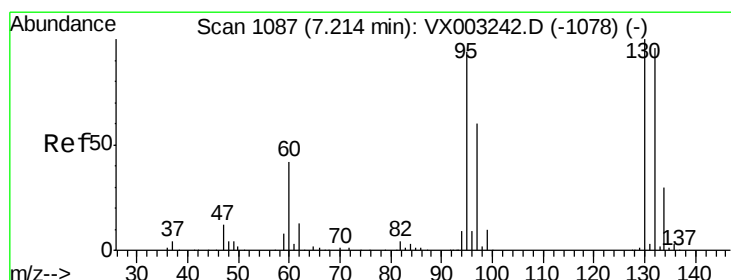
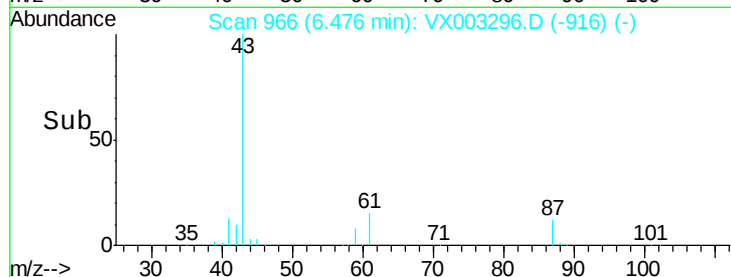
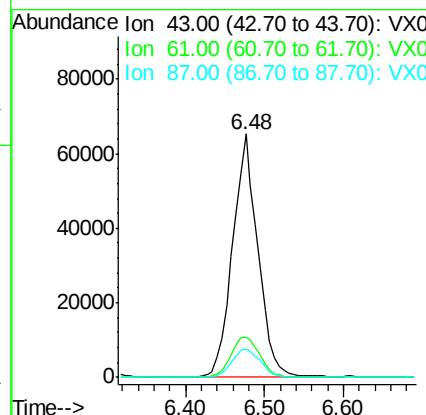
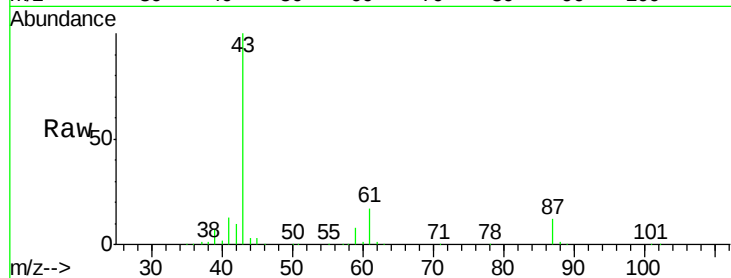
#43
Isopropyl Acetate
Concen: 19.37 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.4	21.6
87	13.2	9.5	14.3

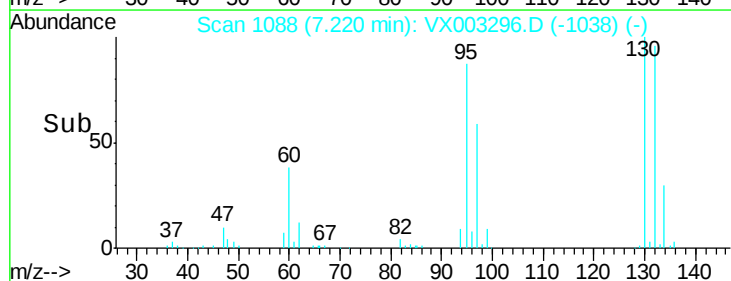
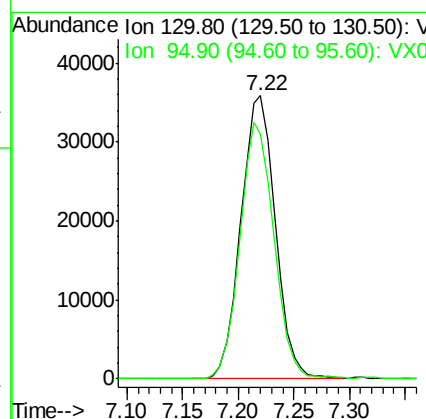
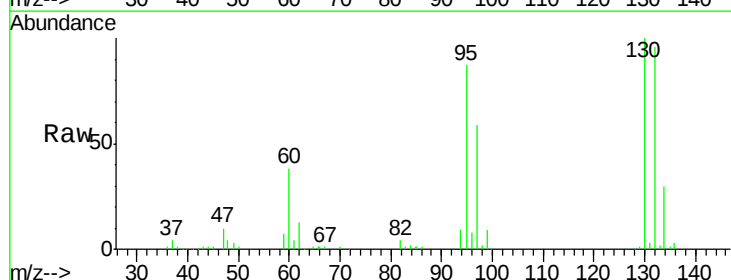
Manual Integrations
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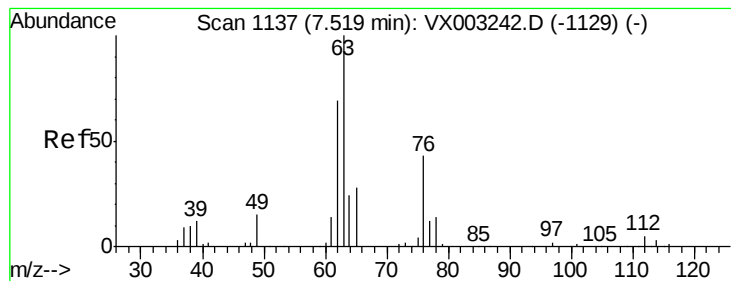
MMDadoda
7/11/2018 3:09:28 PM



#44
Trichloroethene
Concen: 20.21 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.7	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.42 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampled :

VX0710WBSD01

Tot Ion: 63 Resp: 65041

Ion Ratio Lower Upper

63 100

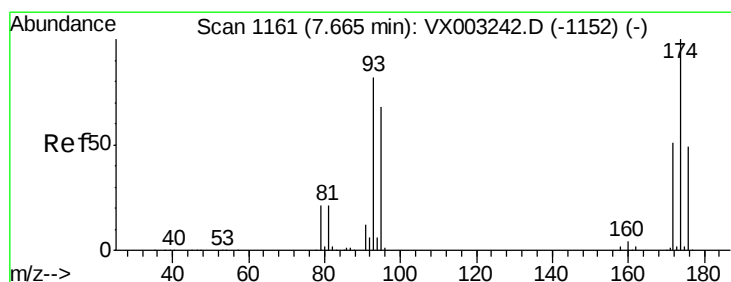
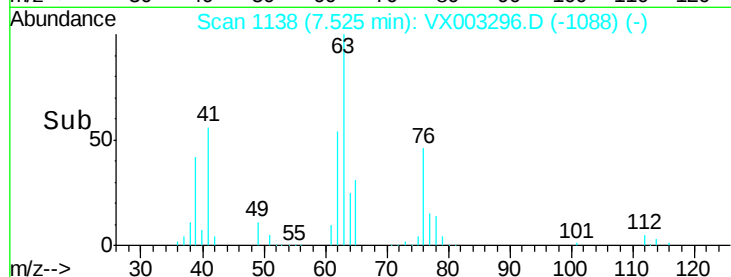
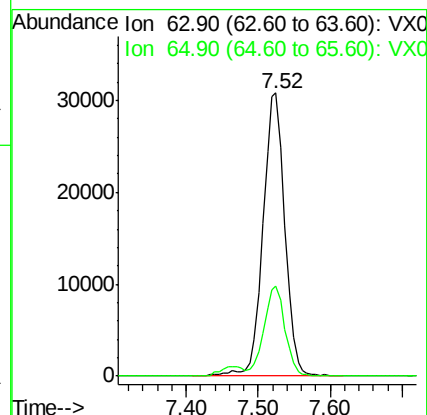
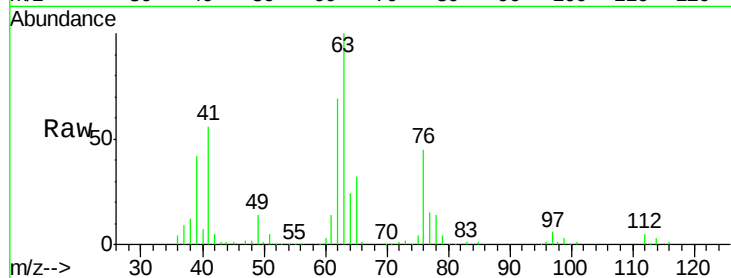
65 31.9 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 19.54 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

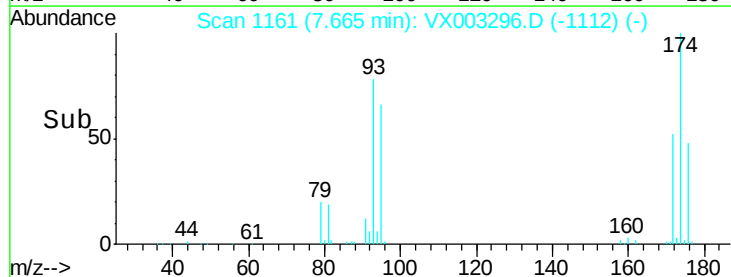
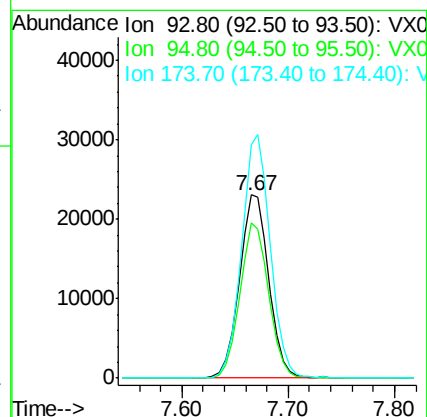
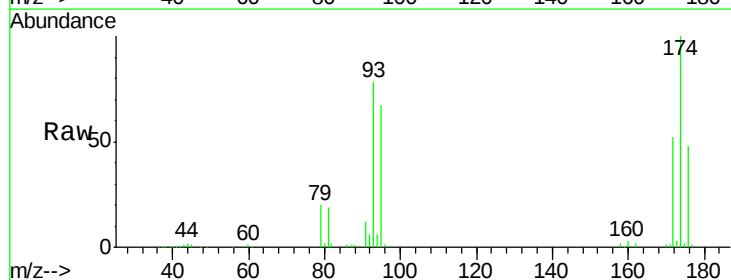
Tgt Ion: 93 Resp: 44616

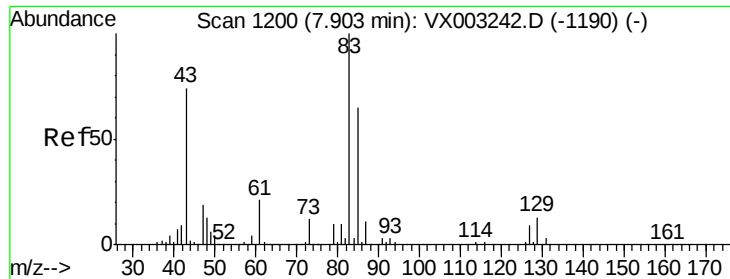
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 129.7 92.4 138.6





#47

Bromodichloromethane

Concen: 19.23 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

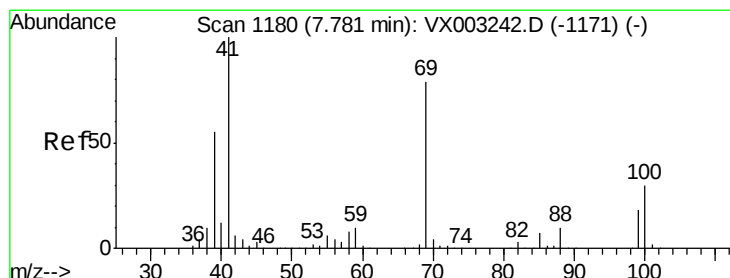
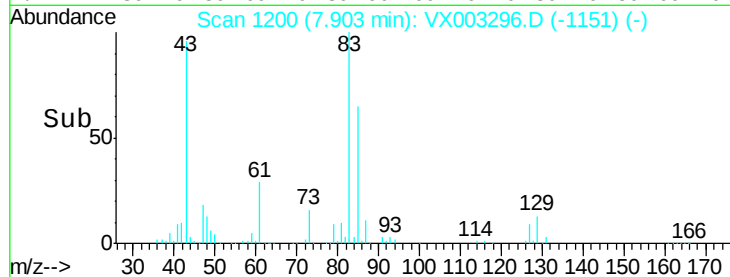
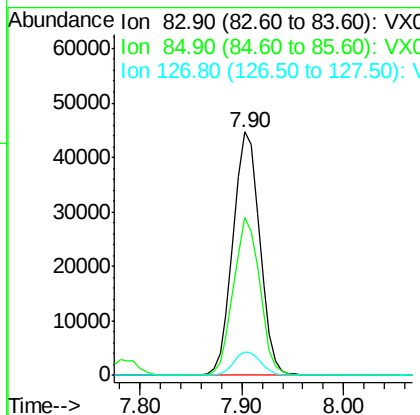
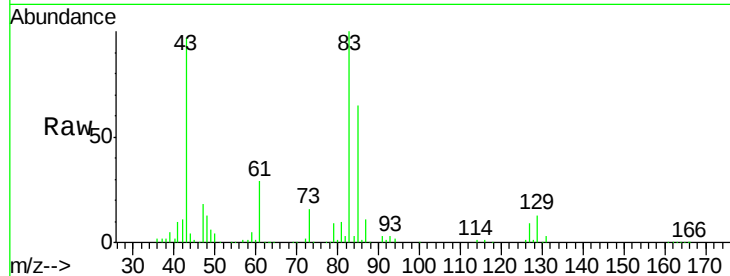
ClientSampleId :

VX0710WBSD01

Tot Ion:	83	Resp:	81004
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	9.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.50 ug/l

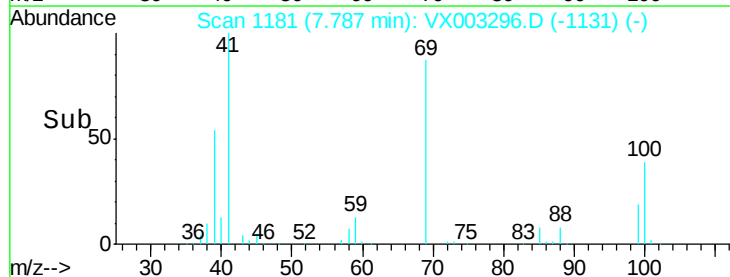
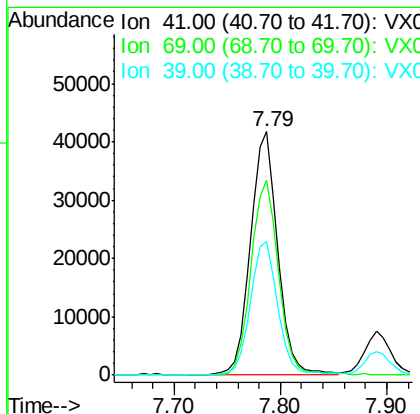
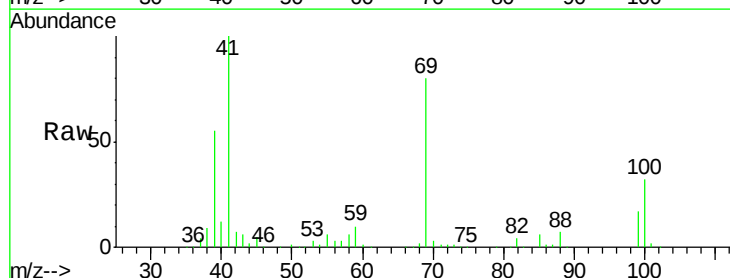
RT: 7.79 min Scan# 1181

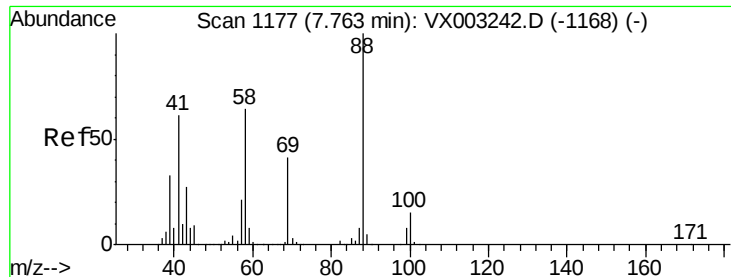
Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	41	Resp:	74849
Ion	Ratio	Lower	Upper
41	100		
69	81.5	59.1	88.7
39	54.7	48.9	73.3





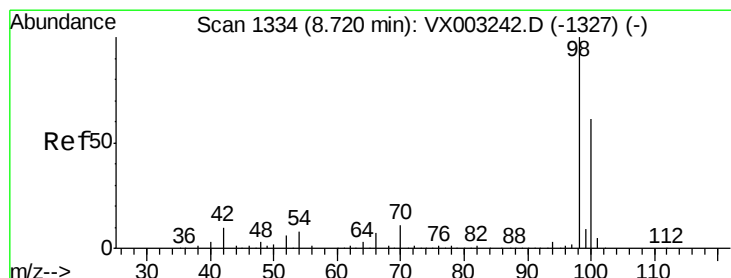
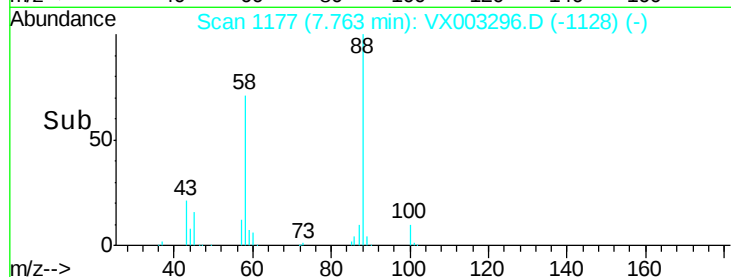
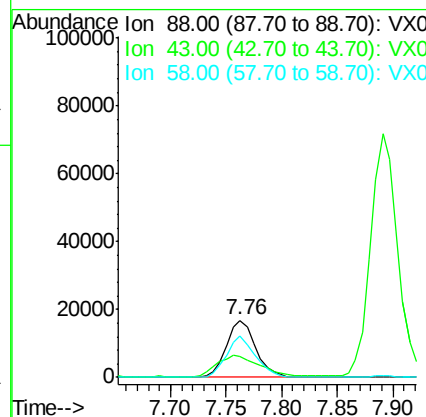
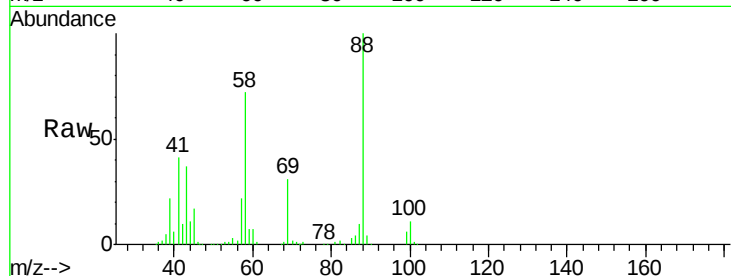
#49
1,4-Dioxane
Concen: 383.51 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	55.5	29.8	44.6#
58	72.7	57.1	85.7

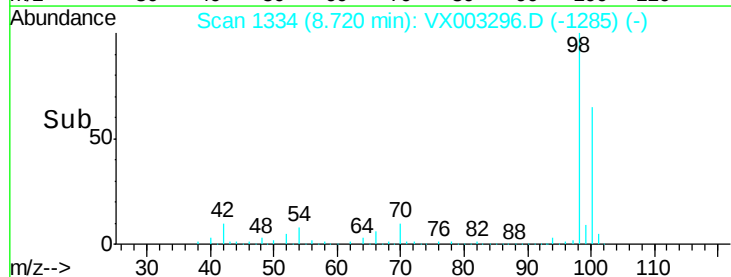
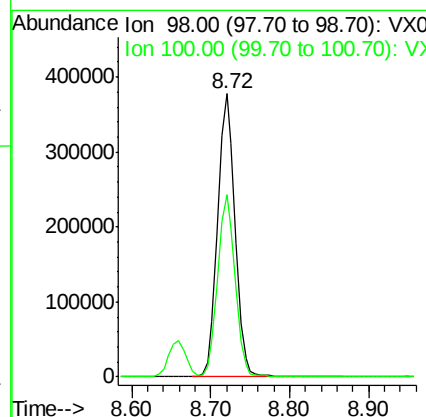
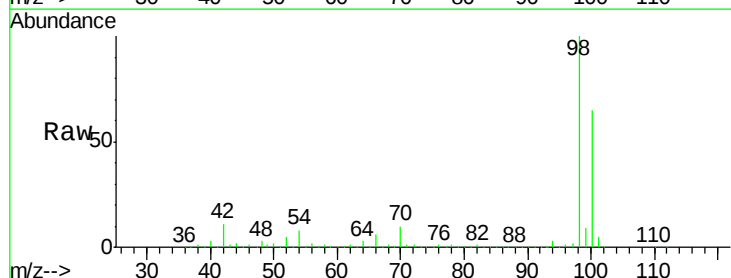
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#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.9	76.3





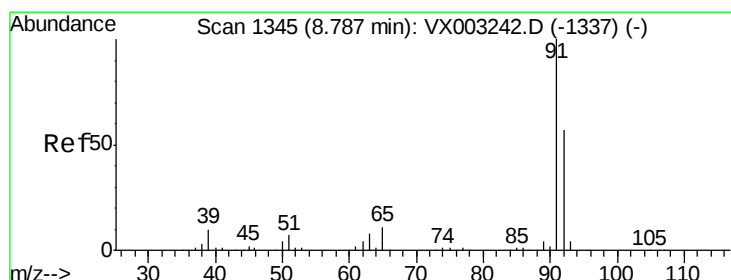
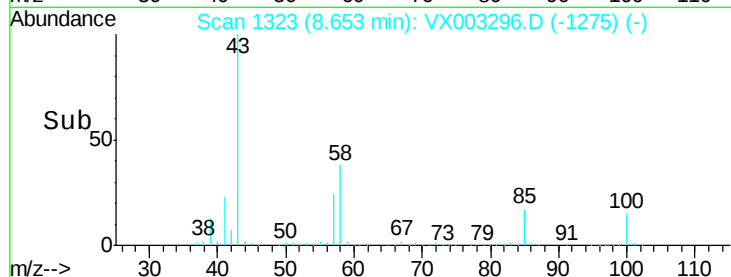
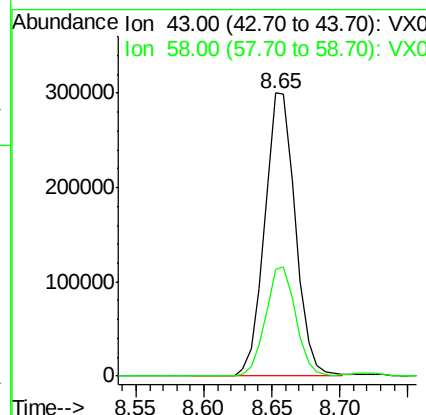
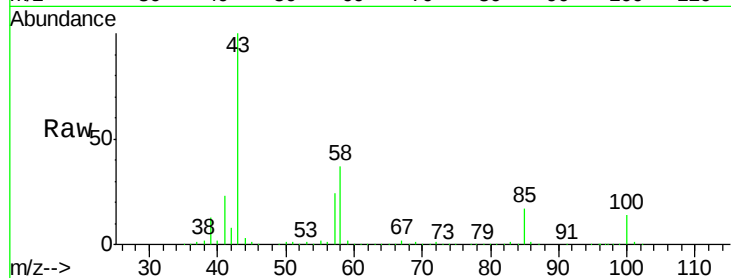
#51
4-Methyl-2-Pentanone
Concen: 102.01 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampled :
VX0710WBSD01

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	38.0		28.6	42.8	

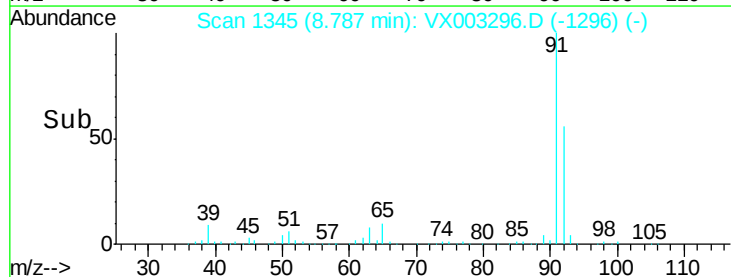
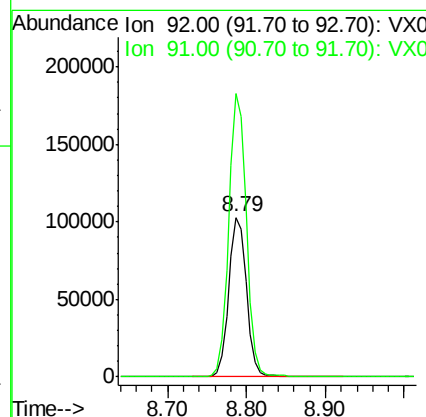
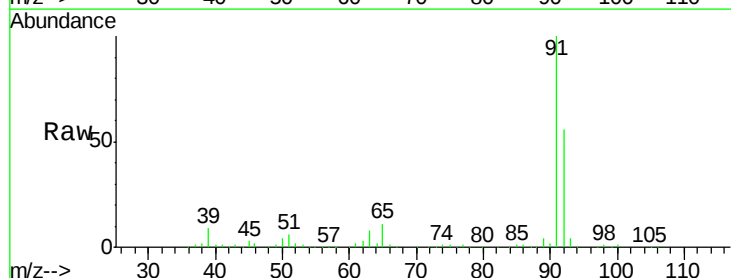
Manual Integrations
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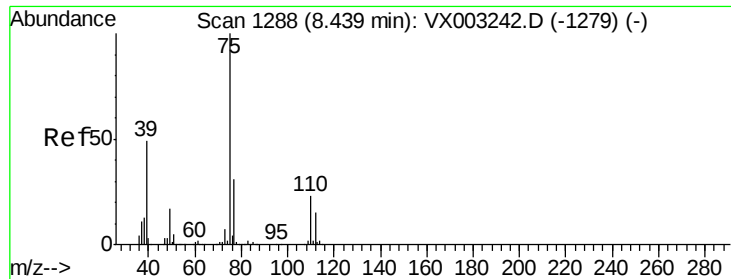
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#52
Toluene
Concen: 19.81 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	176.0		140.4	210.6	





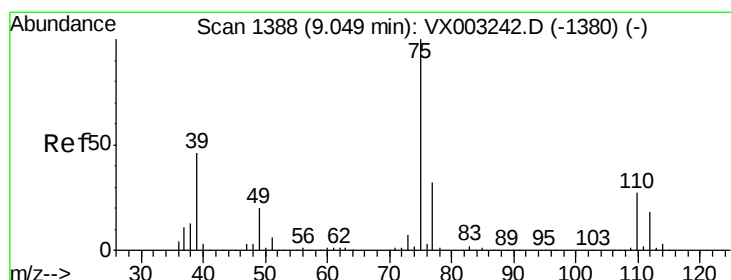
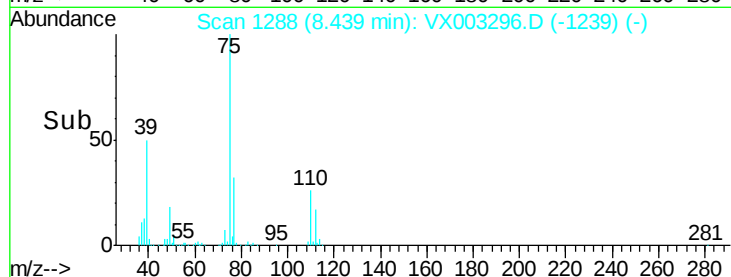
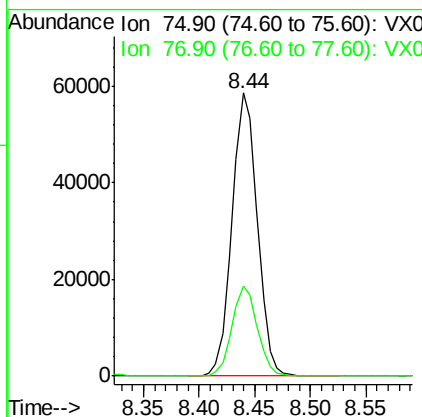
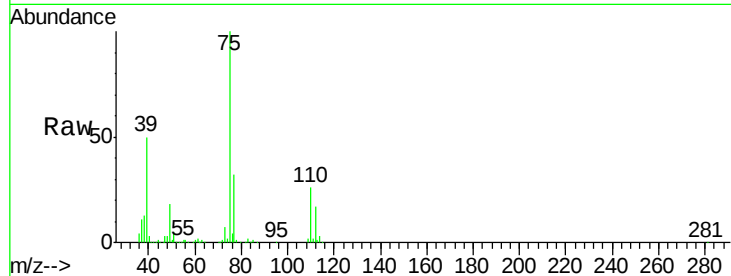
#53
t-1,3-Dichloropropene
Concen: 18.60 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2

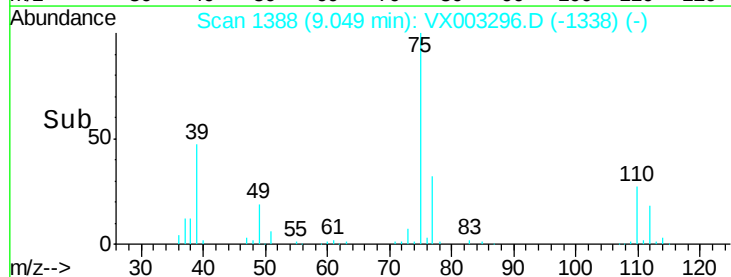
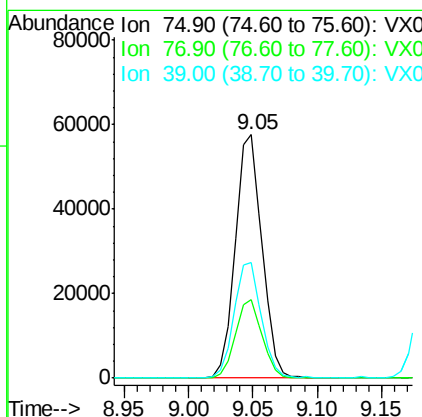
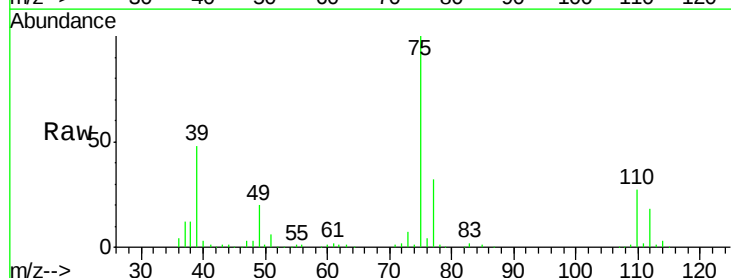
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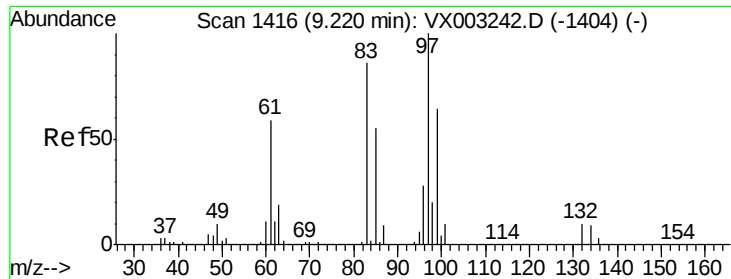
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#54
cis-1,3-Dichloropropene
Concen: 18.43 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2
39	47.5	42.4	63.6





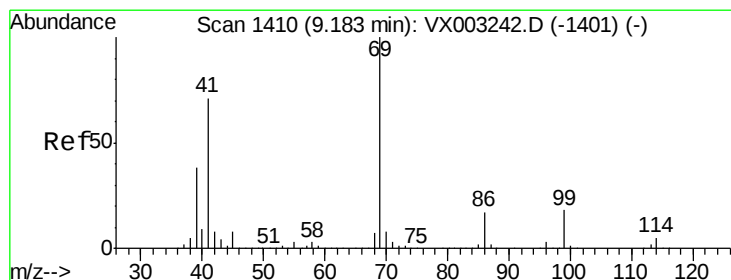
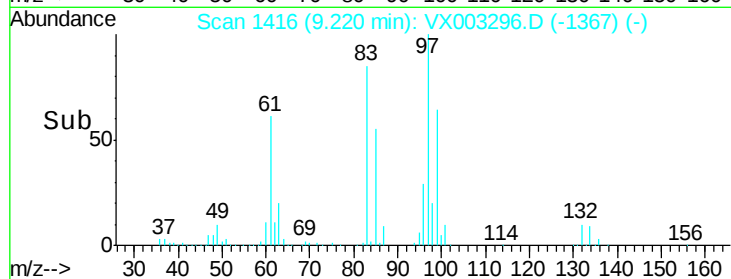
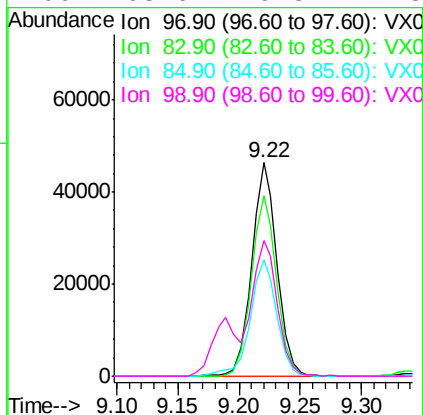
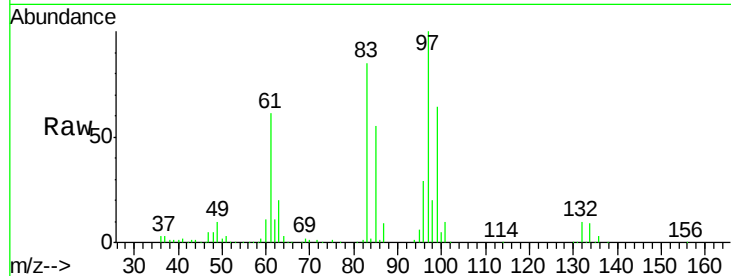
#55
 1,1,2-Trichloroethane
 Concen: 19.71 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Tot Ion:	97	Resp:	66607
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.2
85	54.6	44.9	67.3
99	63.6	49.8	74.8

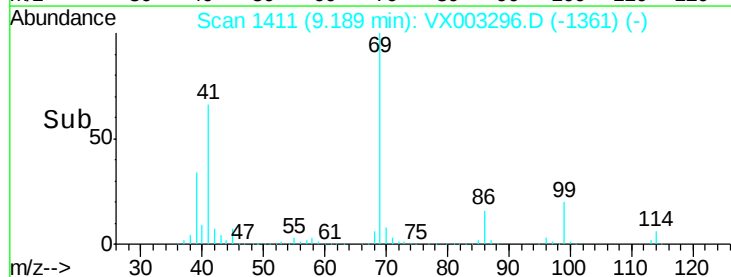
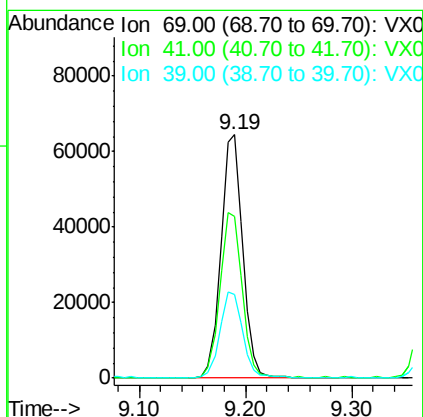
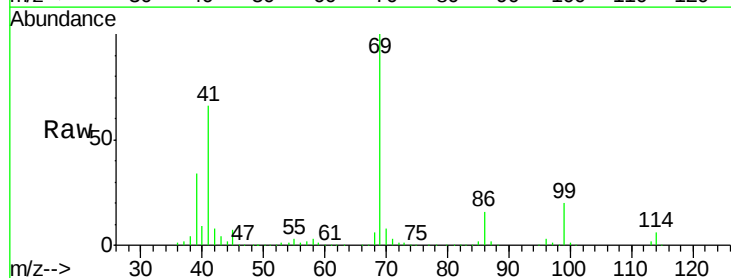
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#56
 Ethyl methacrylate
 Concen: 19.95 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Tgt Ion:	69	Resp:	92321
Ion	Ratio	Lower	Upper
69	100		
41	69.1	60.3	90.5
39	36.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.18 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 76 Resp: 109815

Ion Ratio Lower Upper

76 100

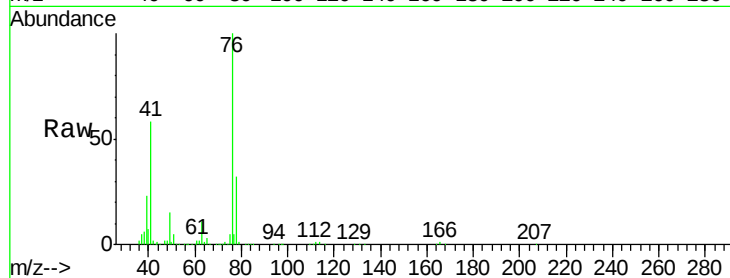
78 32.0 25.8 38.6

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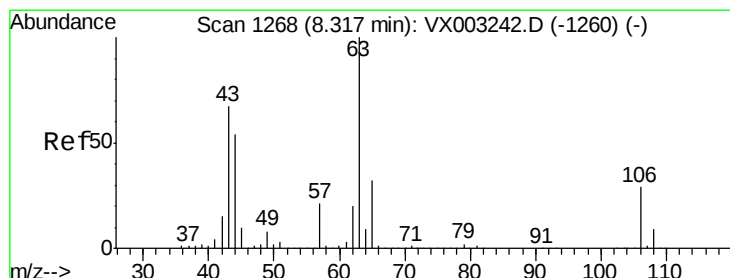
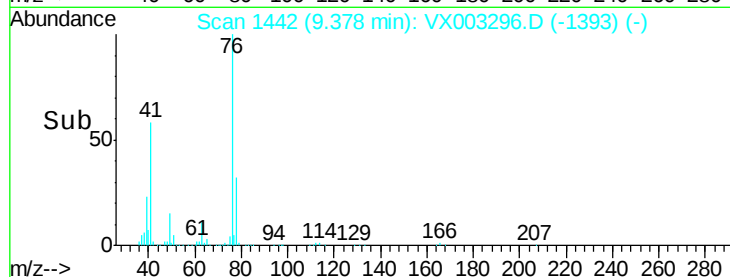
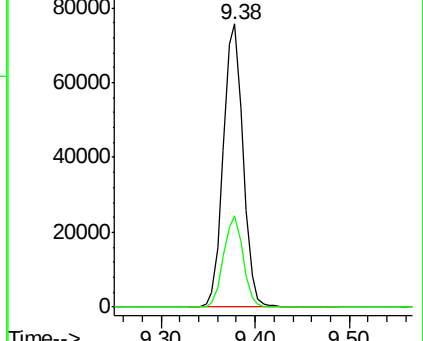
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.84 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003296.D

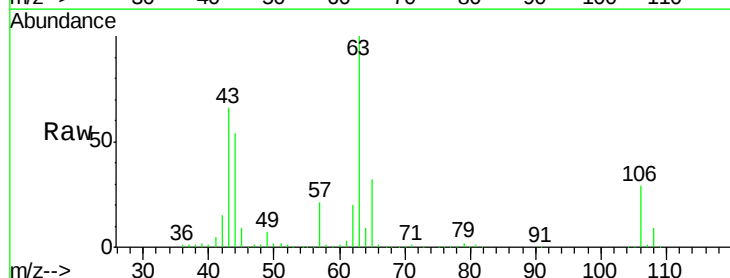
Acq: 10 Jul 2018 20:36

Tgt Ion: 63 Resp: 238520

Ion Ratio Lower Upper

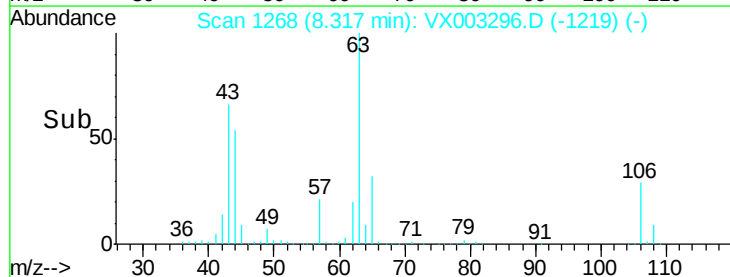
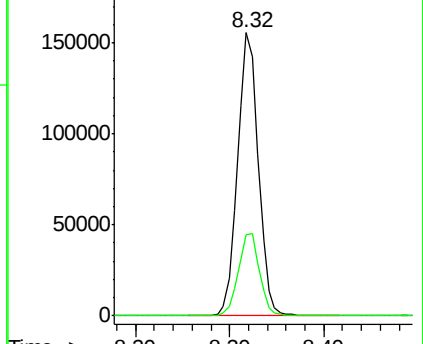
63 100

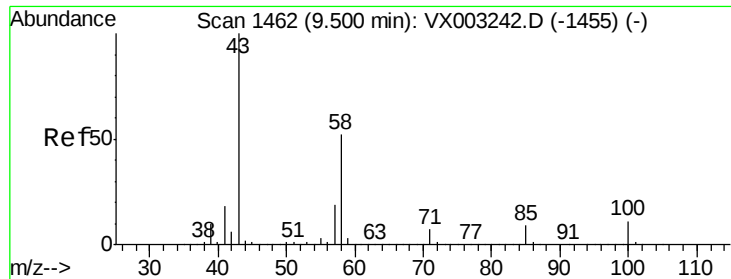
106 29.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 104.41 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 43 Resp: 369546

Ion Ratio Lower Upper

43 100

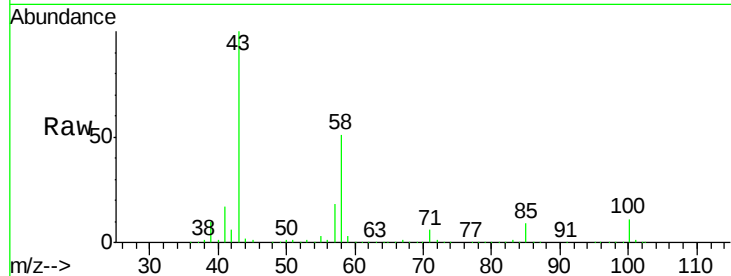
58 52.0 24.6 73.6

Manual Integrations

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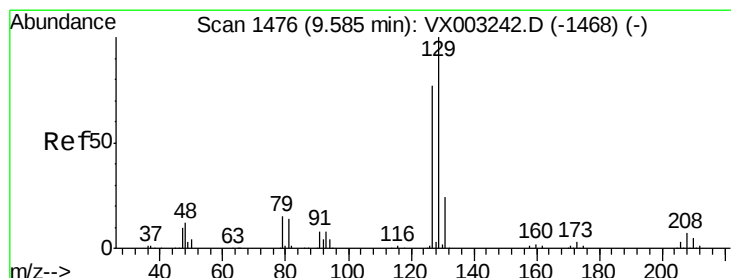
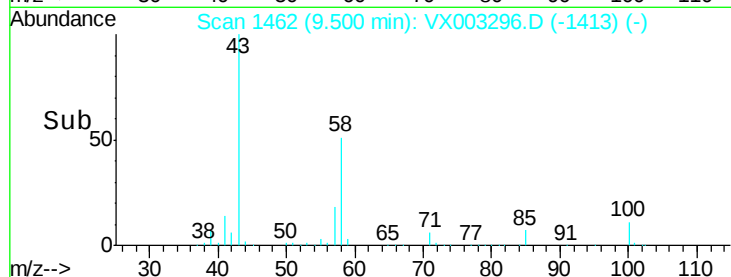
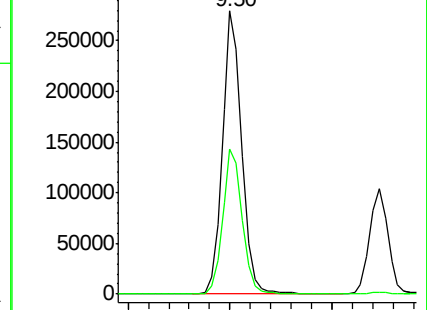
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 18.87 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003296.D

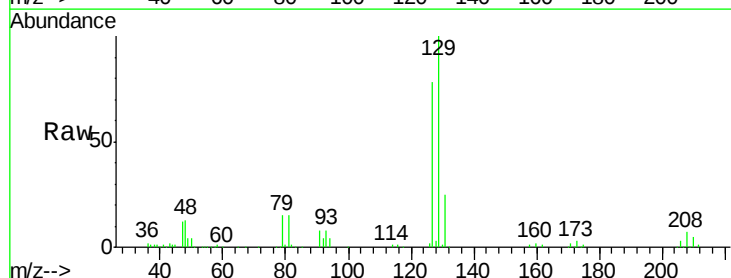
Acq: 10 Jul 2018 20:36

Tgt Ion: 129 Resp: 66570

Ion Ratio Lower Upper

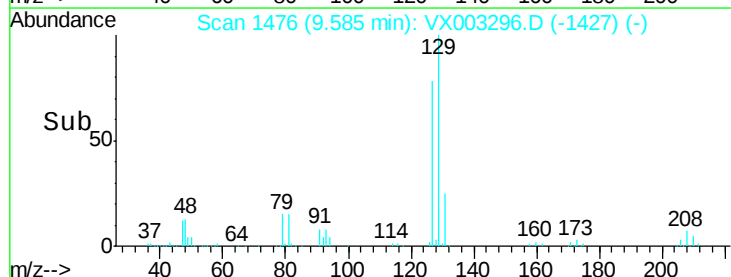
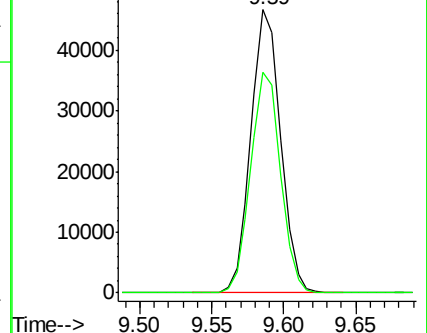
129 100

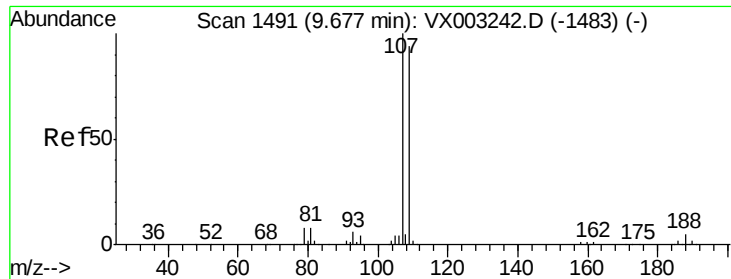
127 78.4 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 20.03 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion:107 Resp: 70931

Ion Ratio Lower Upper

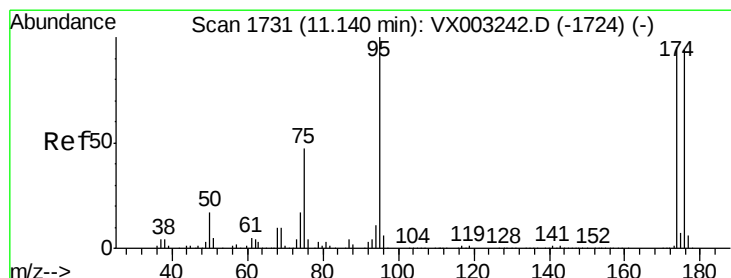
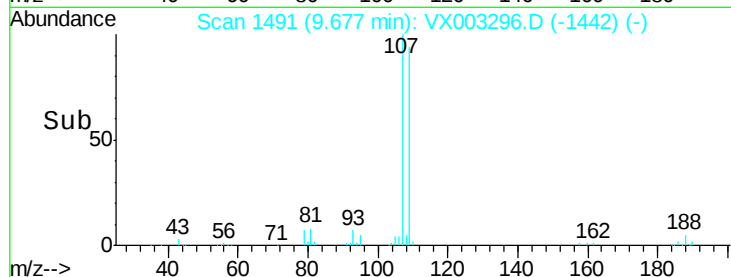
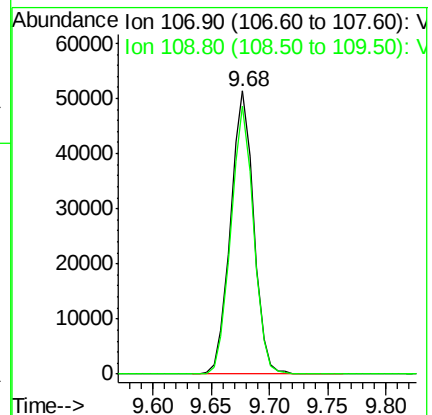
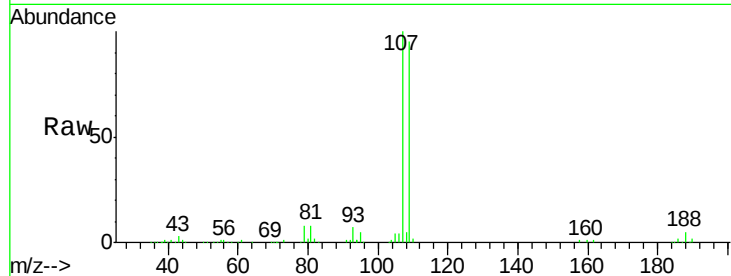
107 100

109 93.4 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 48.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

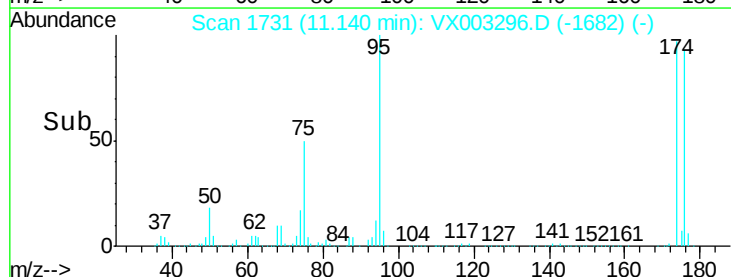
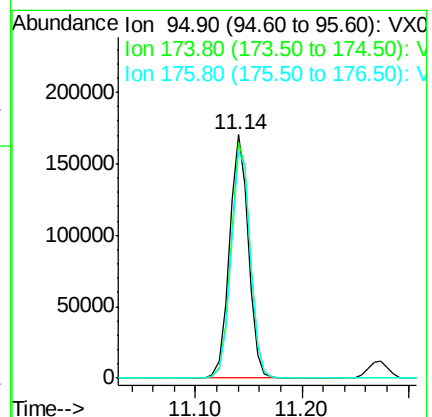
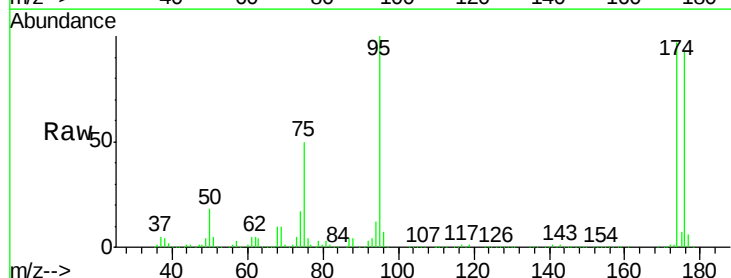
Tgt Ion: 95 Resp: 211378

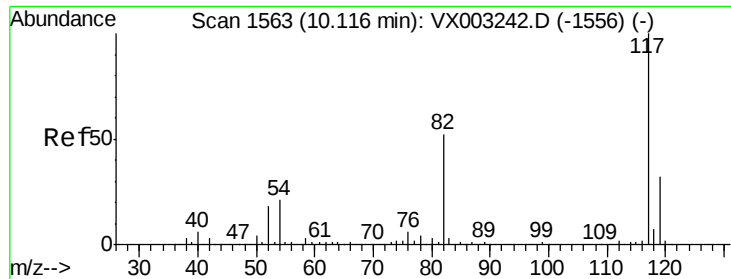
Ion Ratio Lower Upper

95 100

174 98.8 0.0 187.4

176 95.7 0.0 181.0





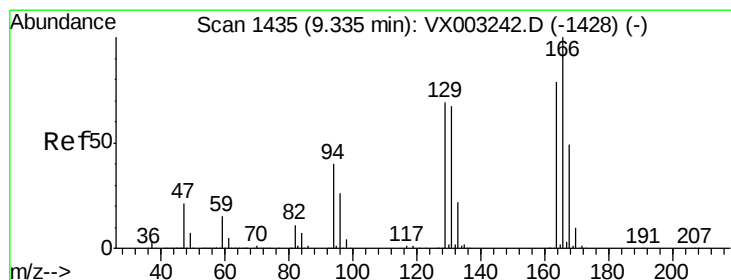
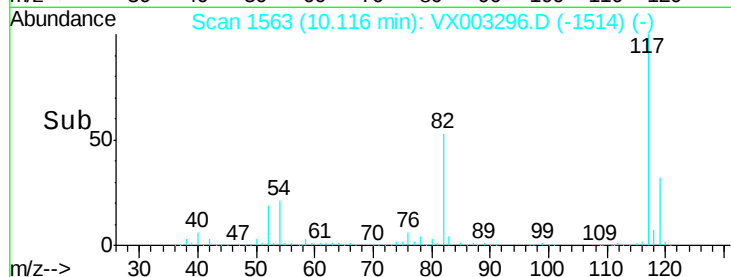
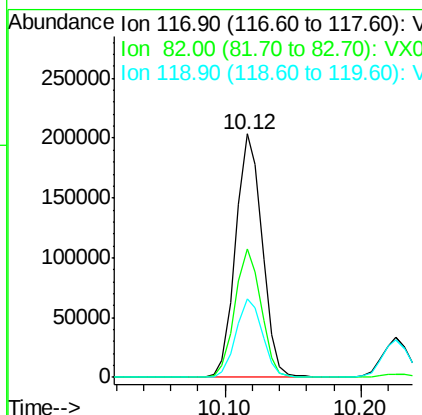
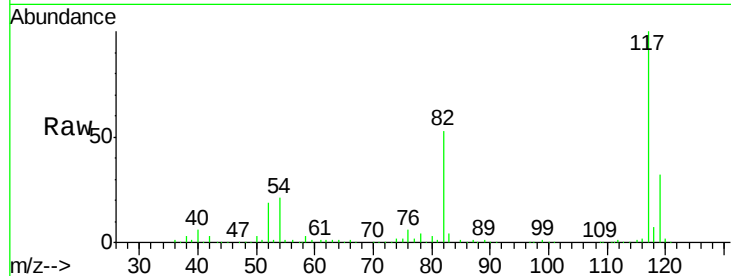
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.0	67.4
119	32.2	25.8	38.6

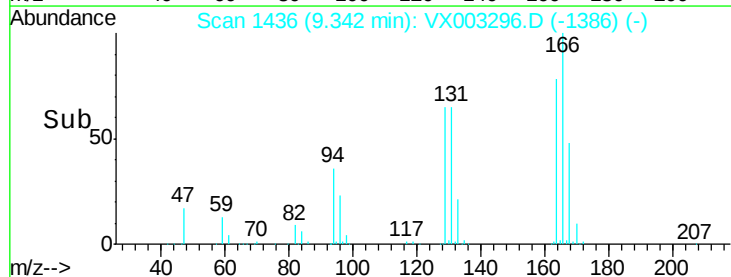
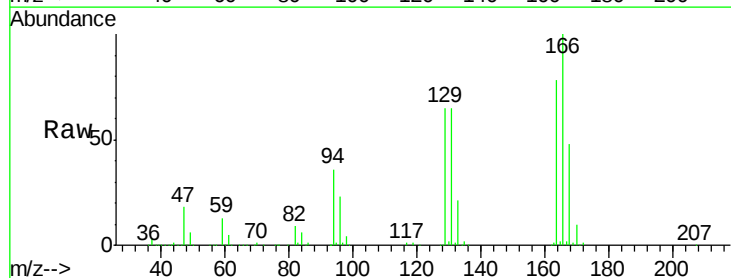
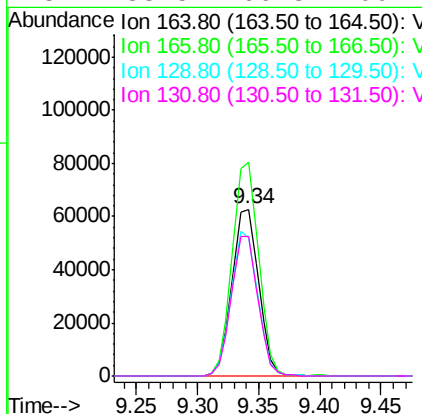
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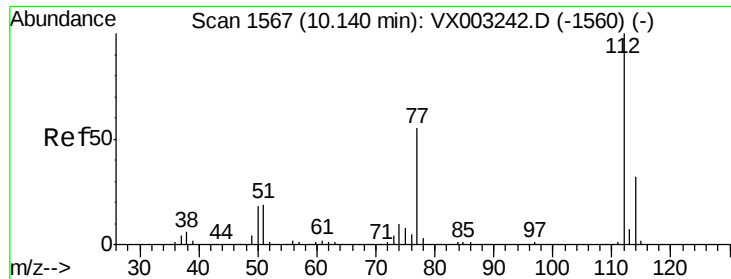
MMDadoda
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#64
Tetrachloroethene
Concen: 22.57 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.9	154.3
129	82.6	68.6	102.8
131	83.5	66.8	100.2





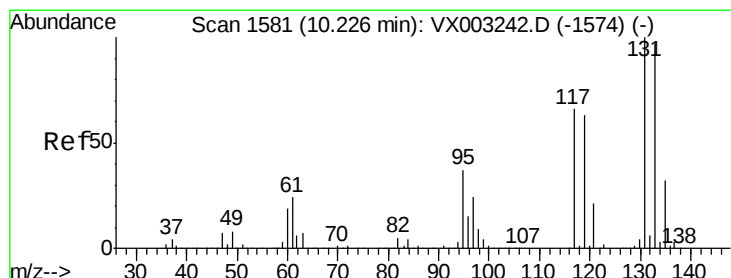
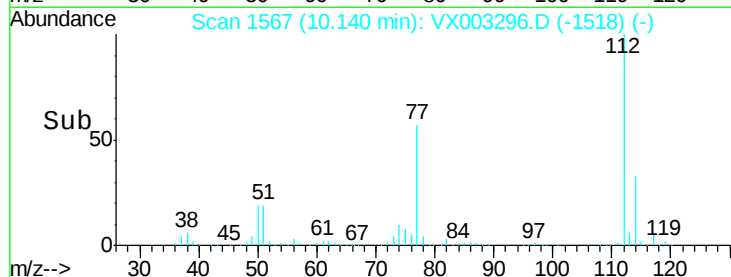
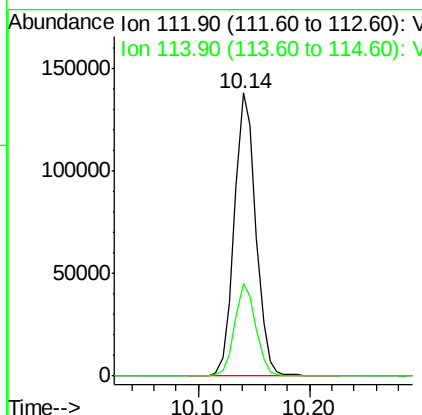
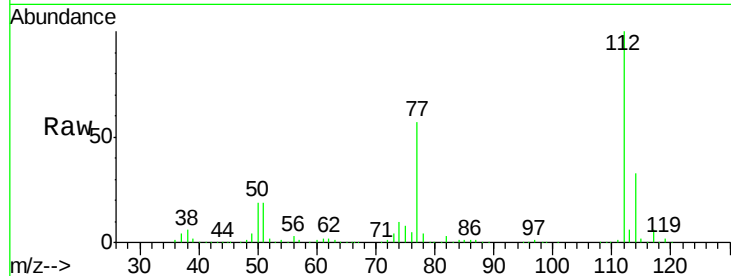
#65
Chlorobenzene
Concen: 19.63 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion:112 Resp: 184836
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

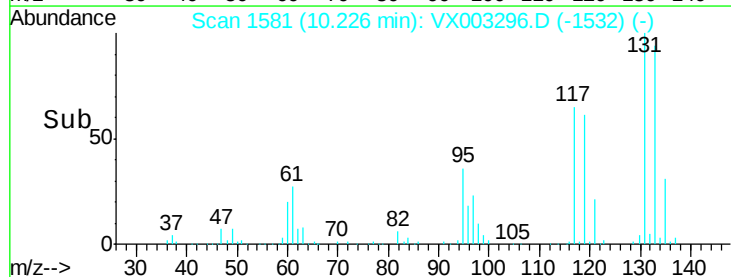
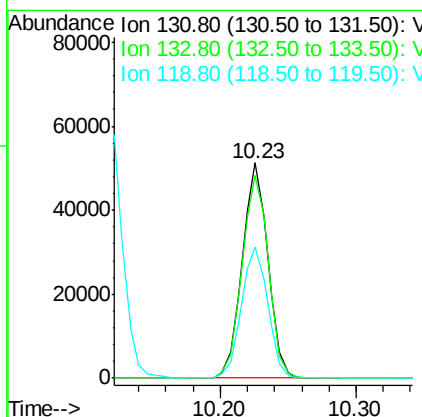
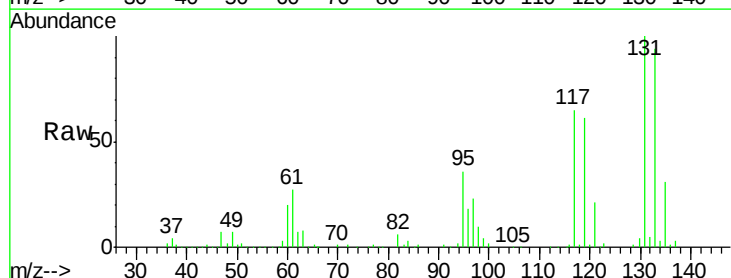
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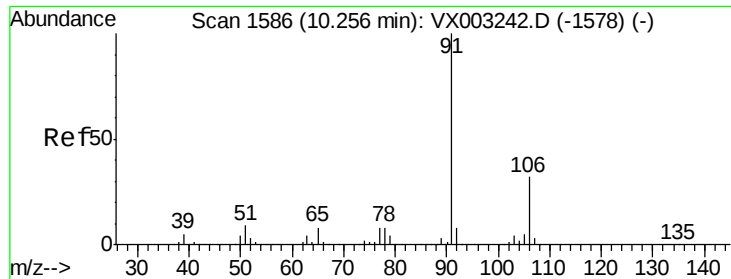
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion:131 Resp: 67535
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 63.1 31.8 95.3





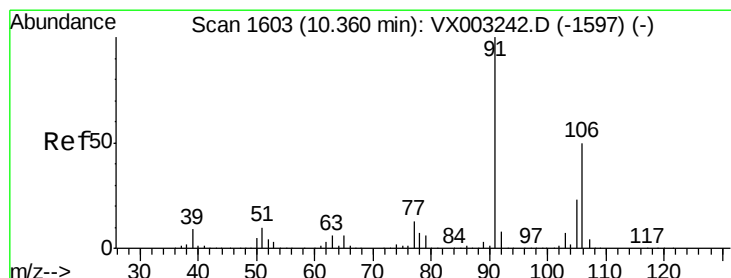
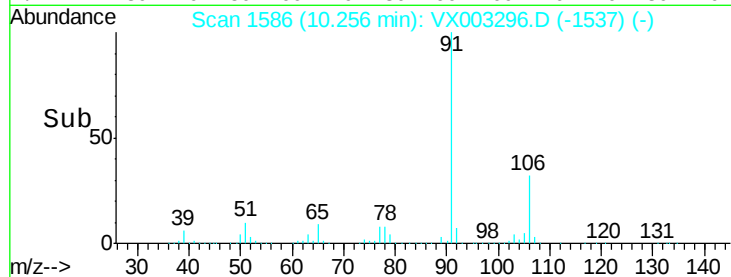
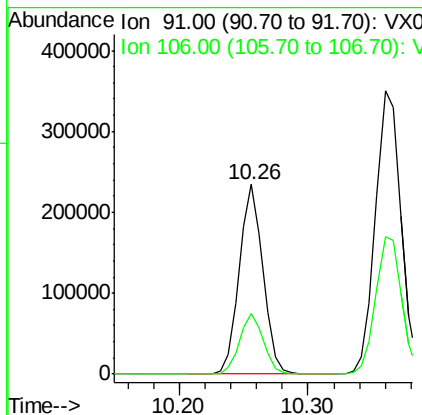
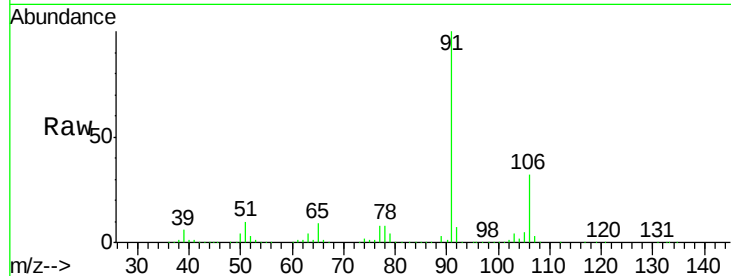
#67
Ethyl Benzene
Concen: 19.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion: 91 Resp: 299285
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

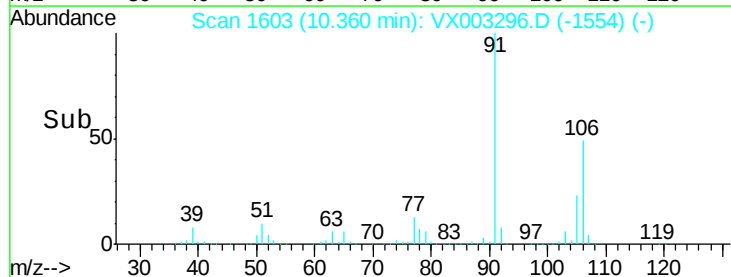
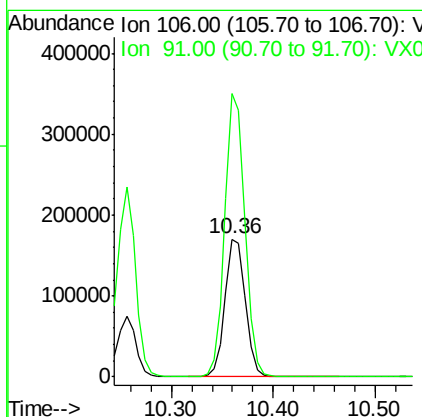
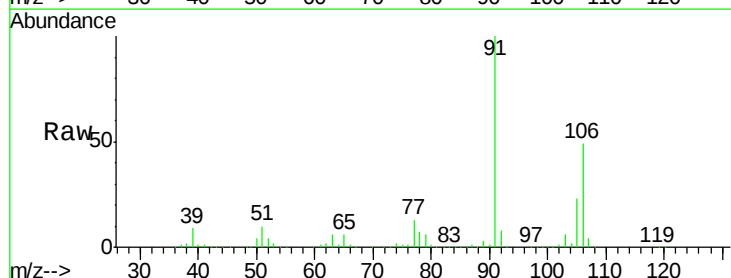
Manual Integrations
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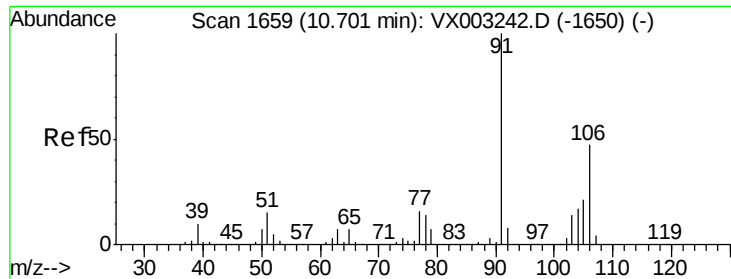
MMDadoda
7/11/2018 3:09:28 PM



#68
m/p-Xylenes
Concen: 39.74 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion: 106 Resp: 235450
Ion Ratio Lower Upper
106 100
91 202.9 163.4 245.2





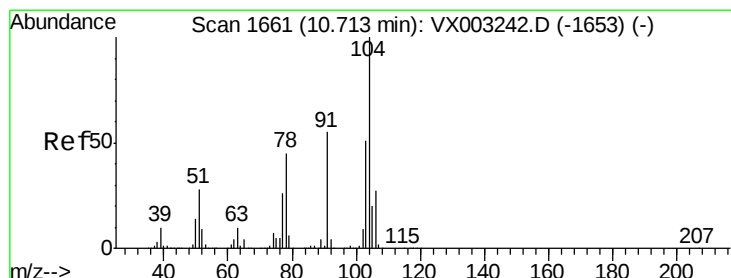
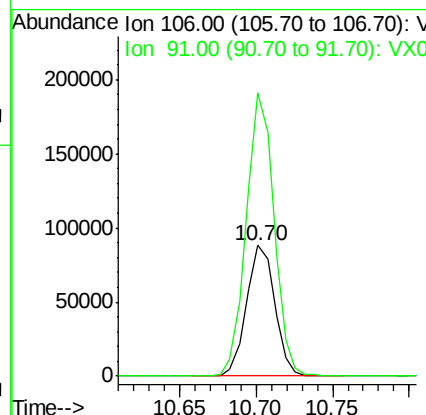
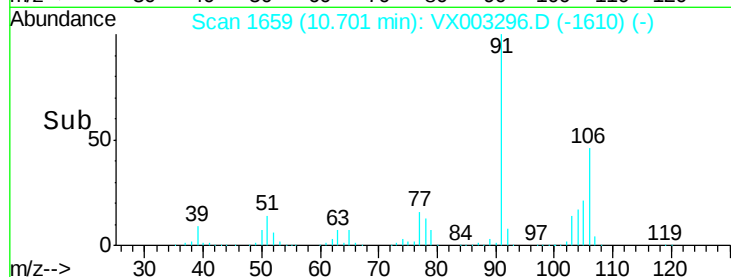
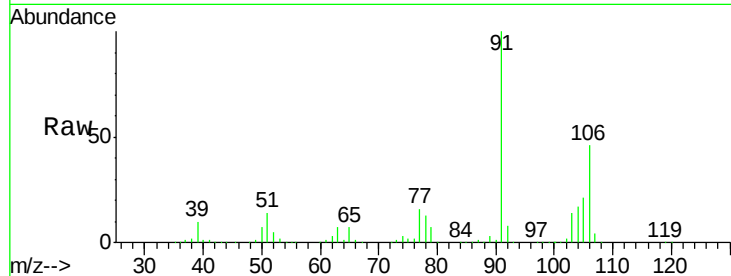
#69
o-Xylene
Concen: 19.76 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampled :
VX0710WBSD01

Tot Ion:106 Resp: 113437
Ion Ratio Lower Upper
106 100
91 212.6 108.2 324.6

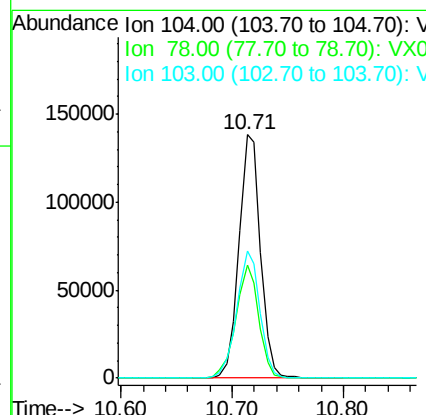
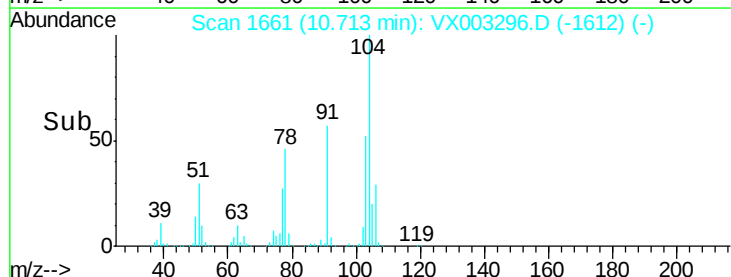
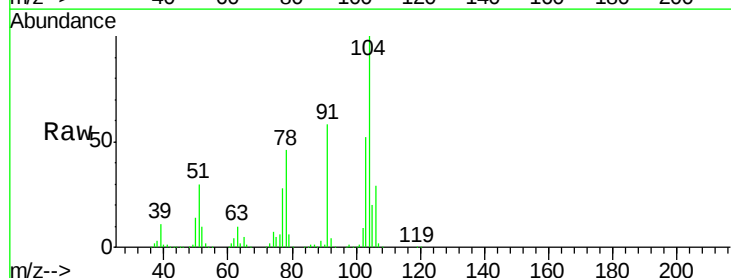
Manual Integrations
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#70
Styrene
Concen: 19.89 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion:104 Resp: 185122
Ion Ratio Lower Upper
104 100
78 49.4 41.0 61.6
103 56.2 44.2 66.4





#71

Bromoform

Concen: 18.41 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion:173 Resp: 51469

Ion Ratio Lower Upper

173 100

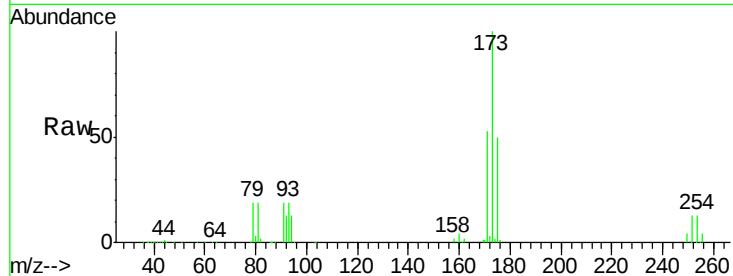
175 50.1 24.7 74.1

254 0.2 0.2 0.2

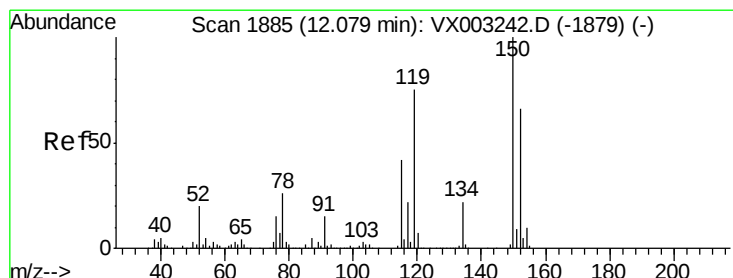
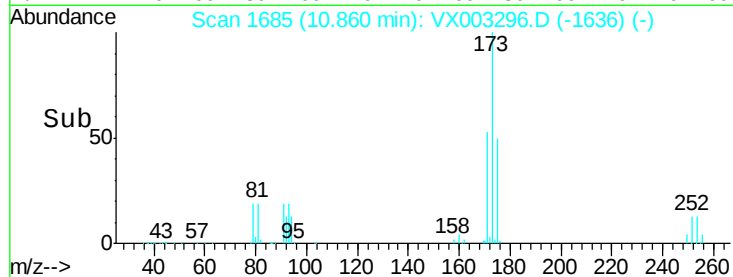
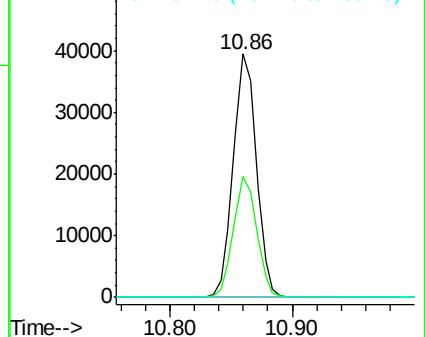
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

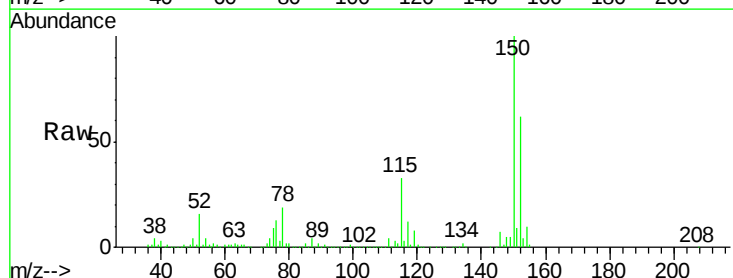
Tgt Ion:152 Resp: 194970

Ion Ratio Lower Upper

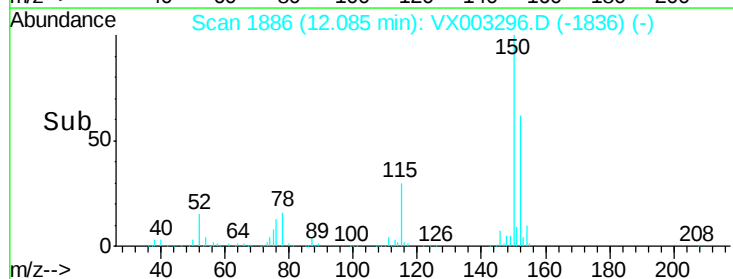
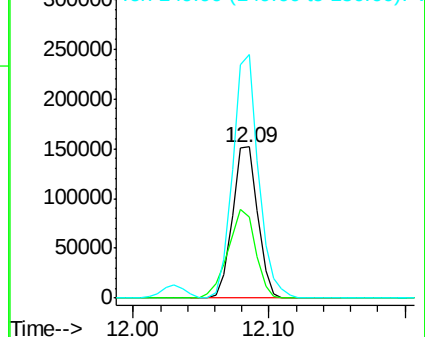
152 100

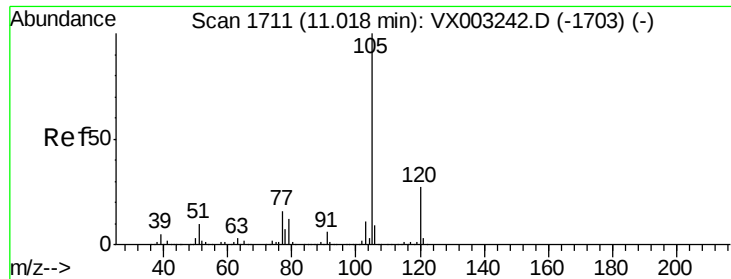
115 64.4 40.1 120.2

150 164.8 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion:105 Resp: 308983

Ion Ratio Lower Upper

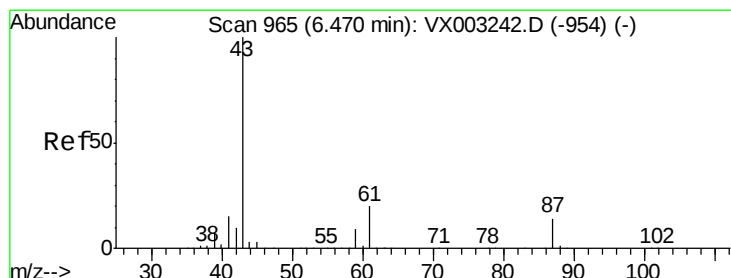
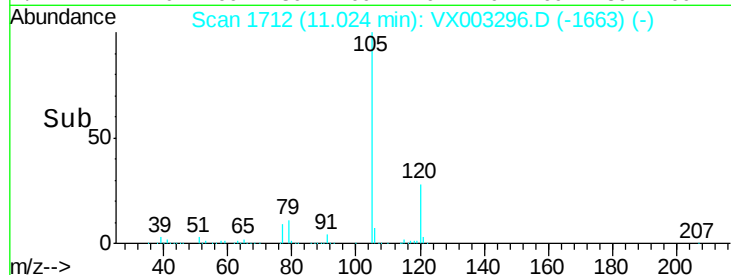
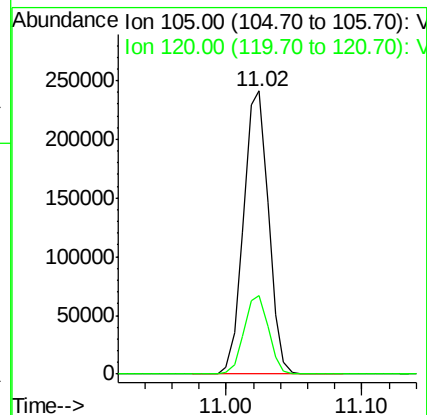
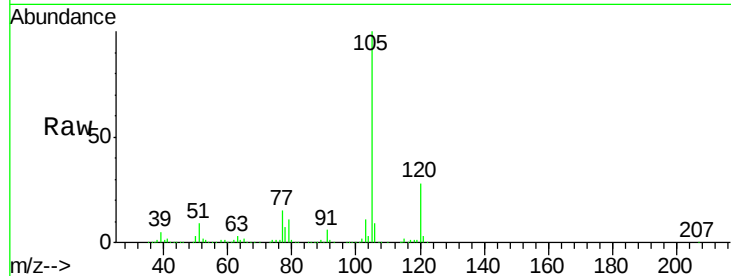
105 100

120 27.4 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.74 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion: 43 Resp: 144967

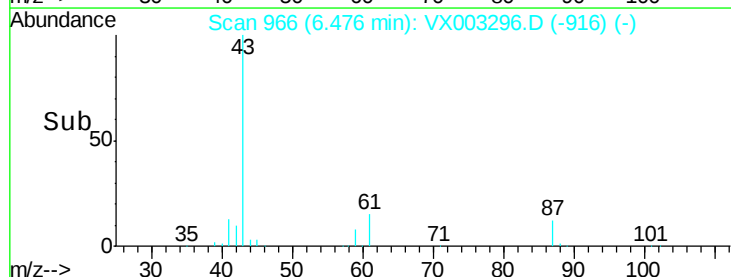
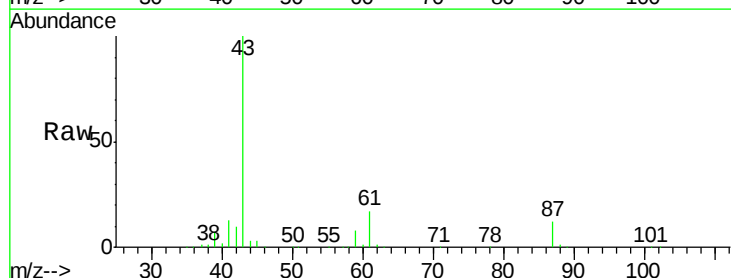
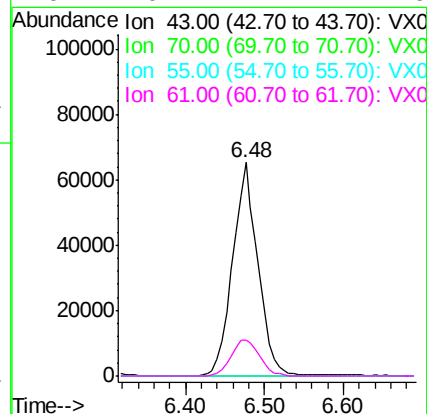
Ion Ratio Lower Upper

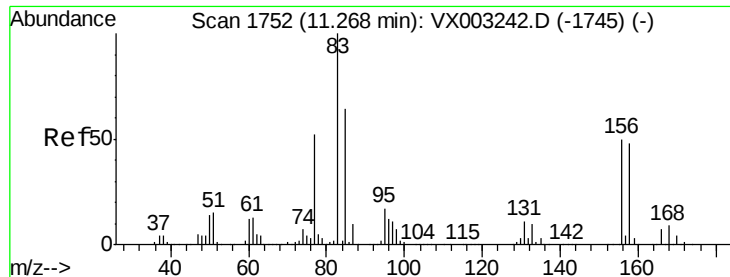
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.42 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

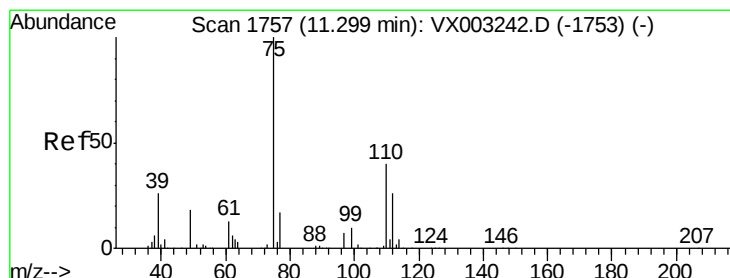
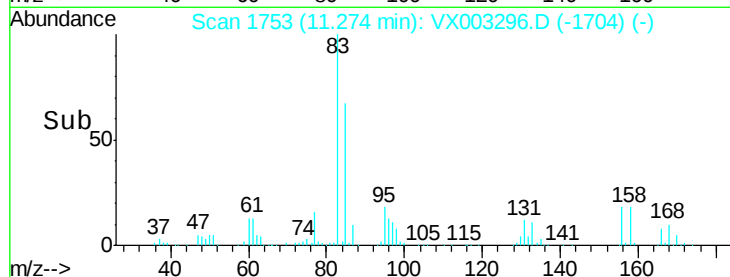
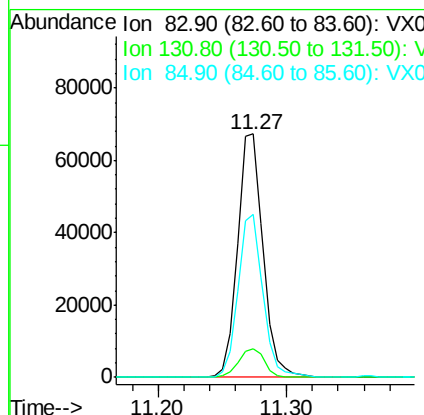
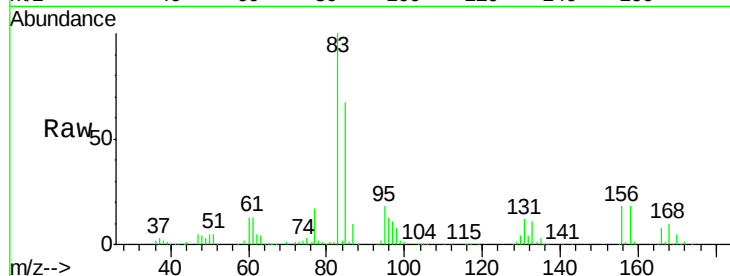
ClientSampleId :

VX0710WBSD01

Tot Ion:	83	Resp:	92739
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.6	16.8
85	65.5	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.43 ug/l m

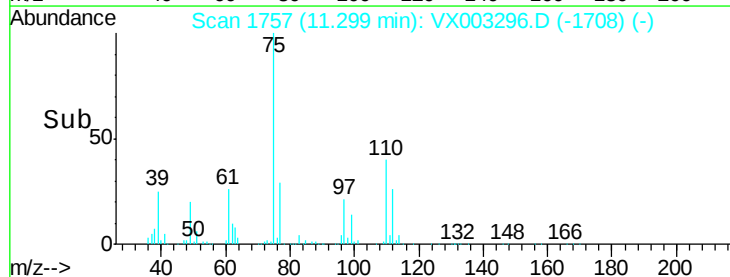
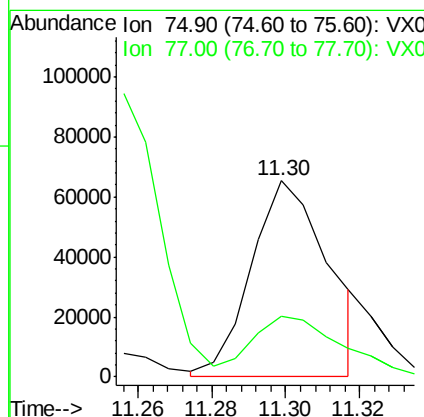
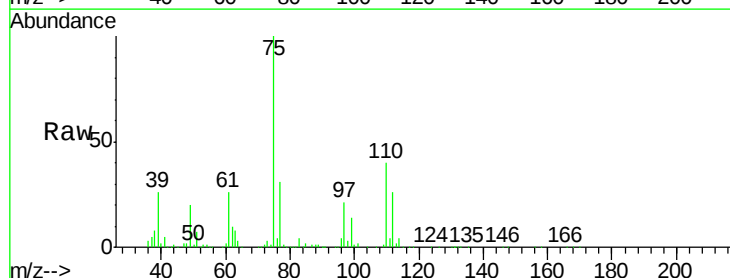
RT: 11.30 min Scan# 1757

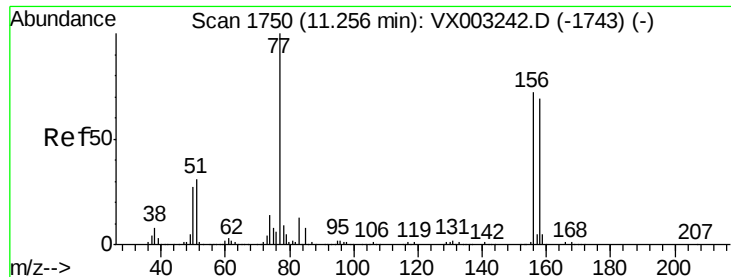
Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	75	Resp:	94504
Ion Ratio	Lower	Upper	
75	100		
77	36.6	22.8	68.3





#77

Bromobenzene

Concen: 19.93 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion:156 Resp: 88565

Ion Ratio Lower Upper

156 100

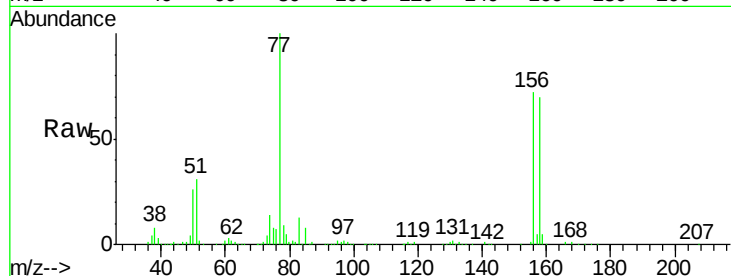
77 133.4 71.4 214.2

158 97.4 48.9 146.6

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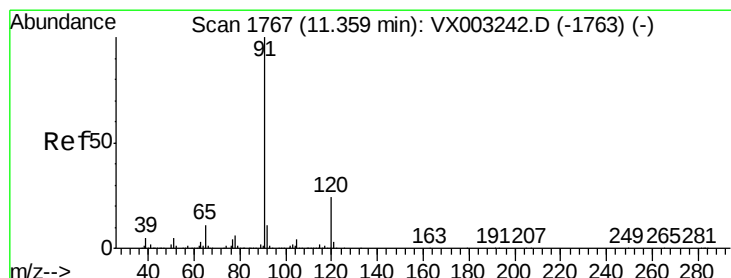
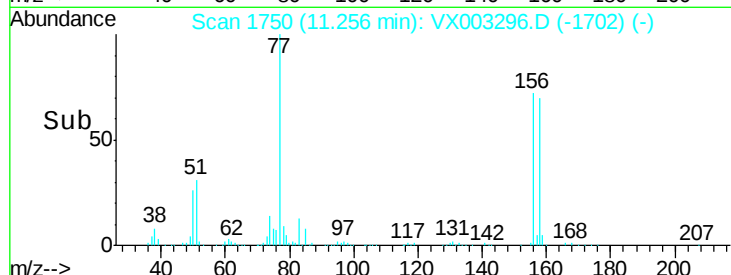
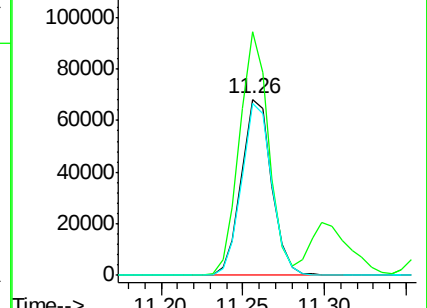
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.12 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003296.D

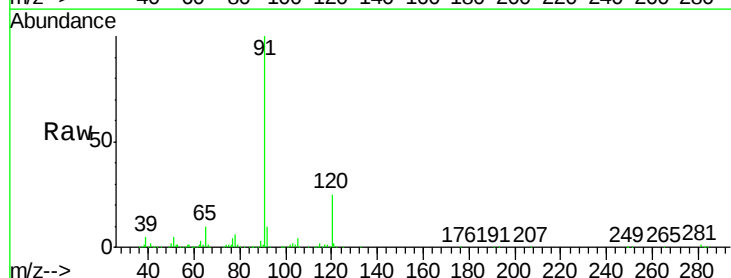
Acq: 10 Jul 2018 20:36

Tgt Ion: 91 Resp: 344290

Ion Ratio Lower Upper

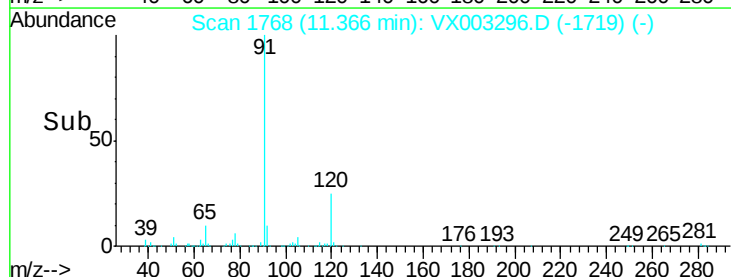
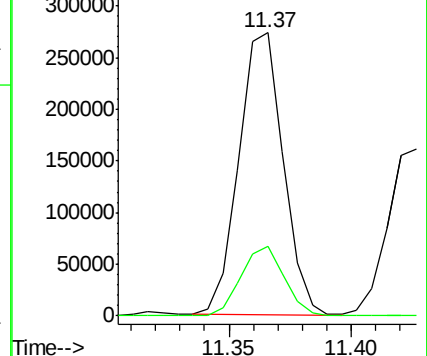
91 100

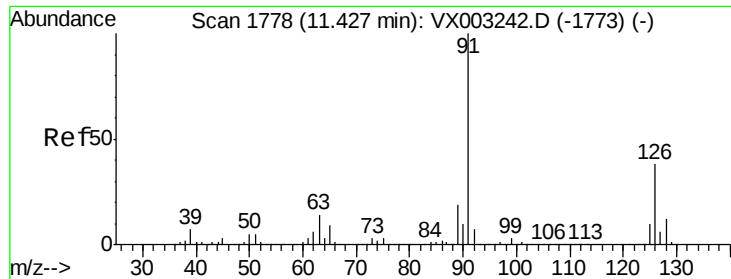
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.89 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 91 Resp: 207341

Ion Ratio Lower Upper

91 100

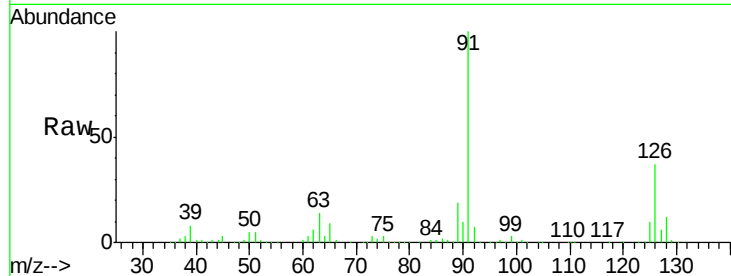
126 36.6 17.7 53.1

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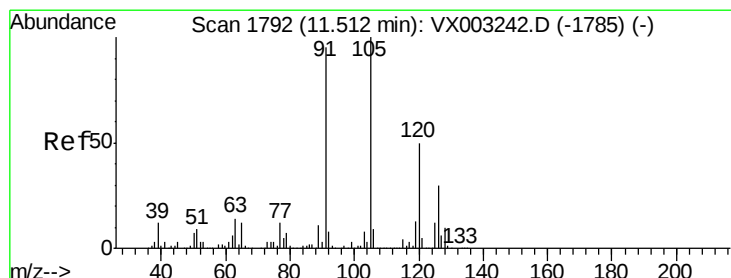
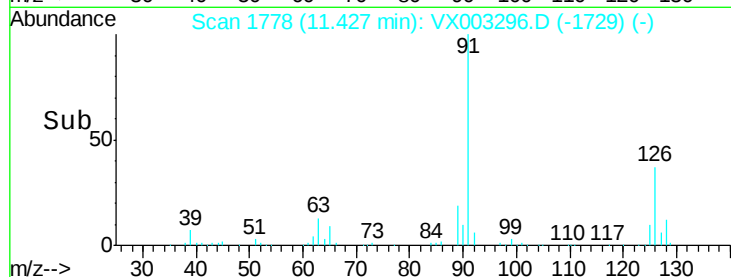
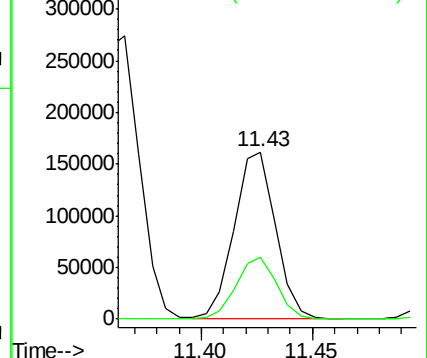
MMDadoda

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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: 20.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003296.D

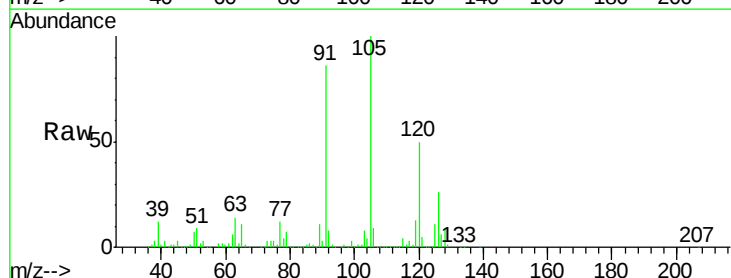
Acq: 10 Jul 2018 20:36

Tgt Ion:105 Resp: 258912

Ion Ratio Lower Upper

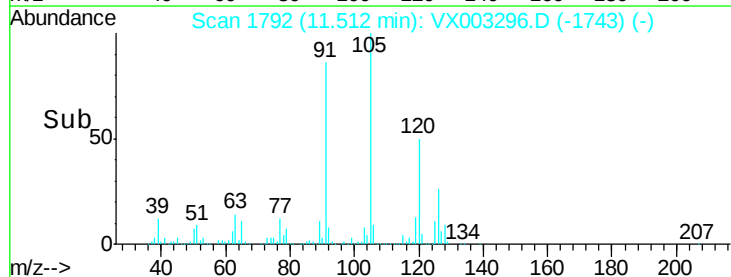
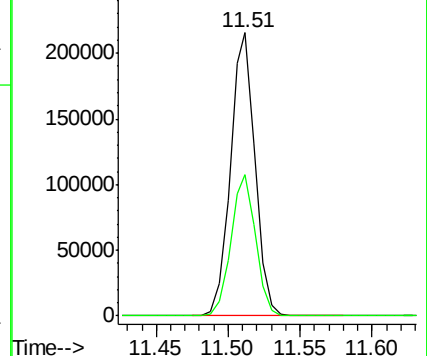
105 100

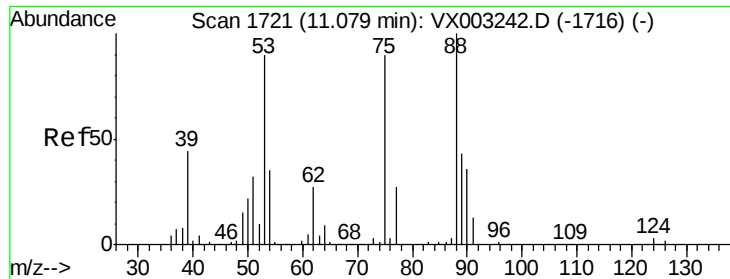
120 50.1 24.4 73.4



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: 17.61 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD01

Tot Ion: 75 Resp: 22703

Ion Ratio Lower Upper

75 100

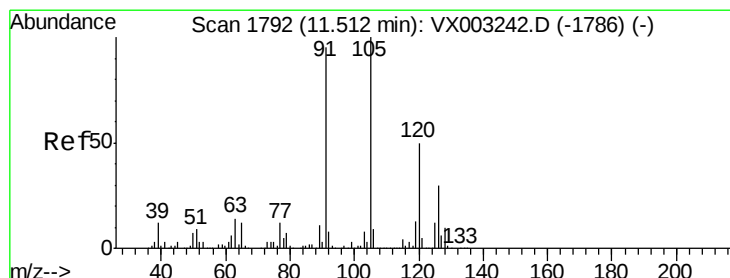
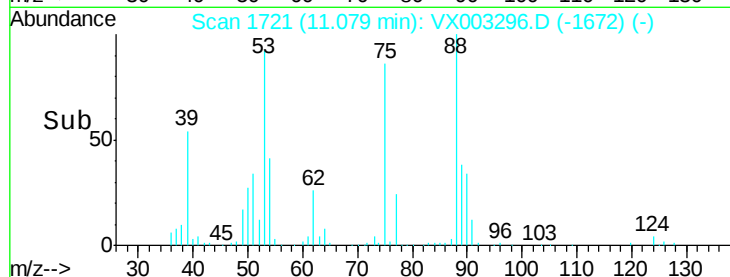
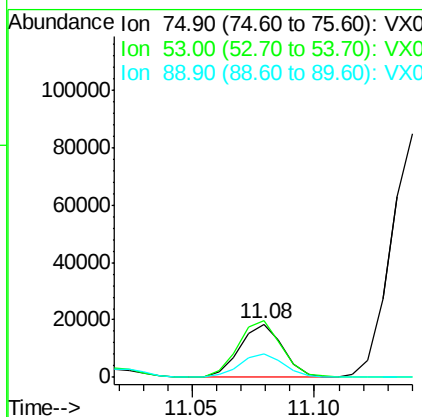
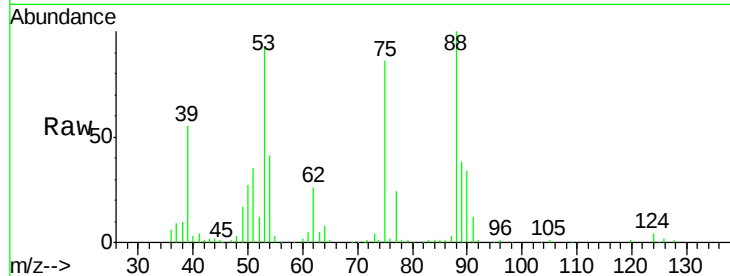
53 106.8 86.8 130.2

89 45.2 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003296.D

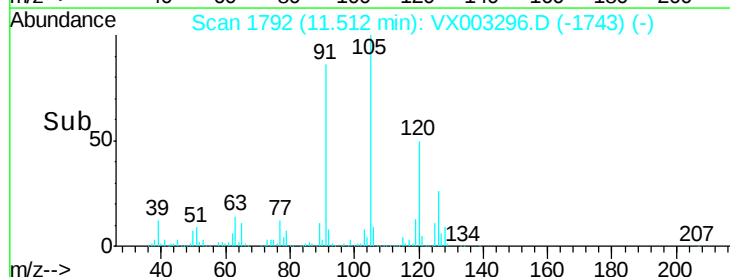
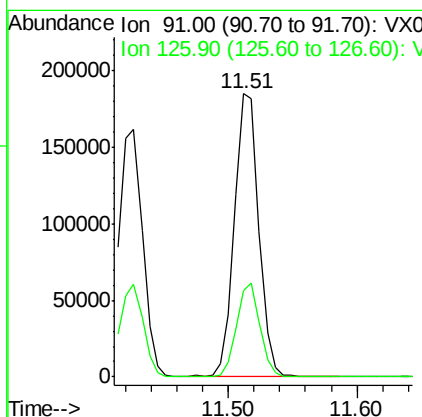
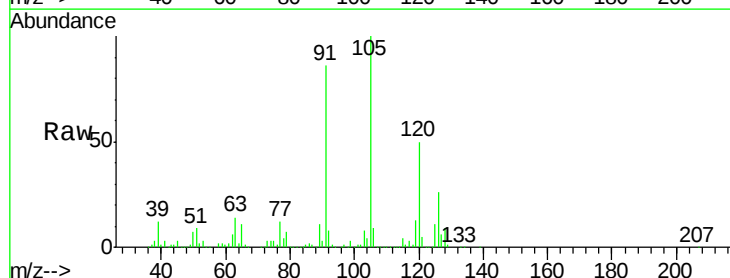
Acq: 10 Jul 2018 20:36

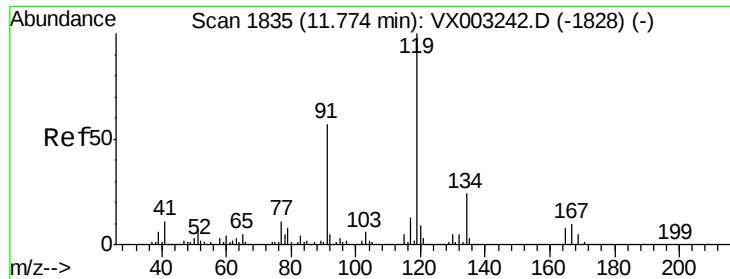
Tgt Ion: 91 Resp: 244490

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.4





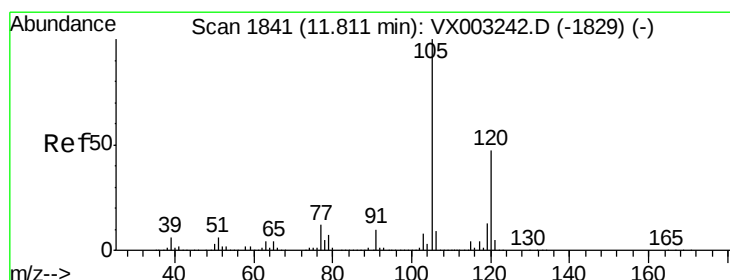
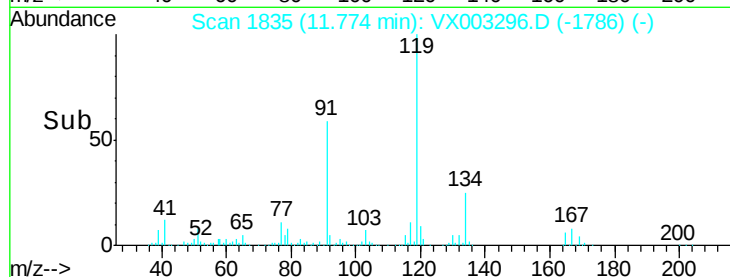
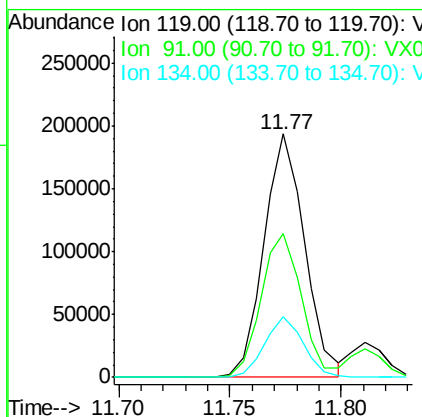
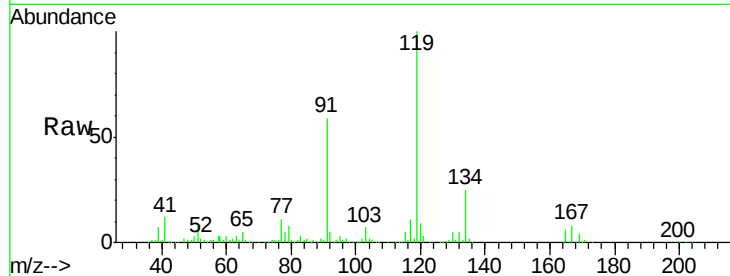
#83
 tert-Butylbenzene
 Concen: 19.17 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	245496		
91	59.3	30.3	90.9	
134	23.9	11.7	35.1	

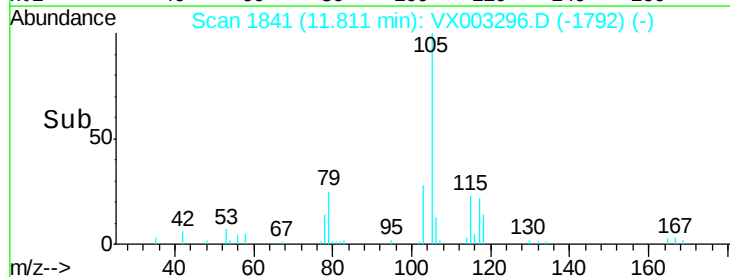
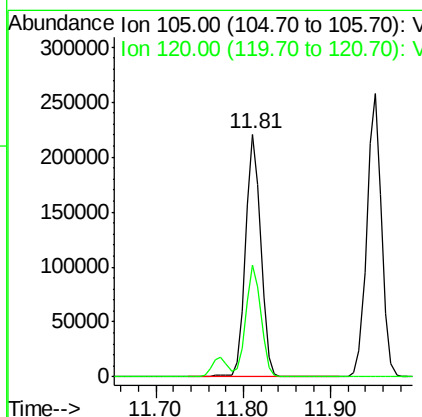
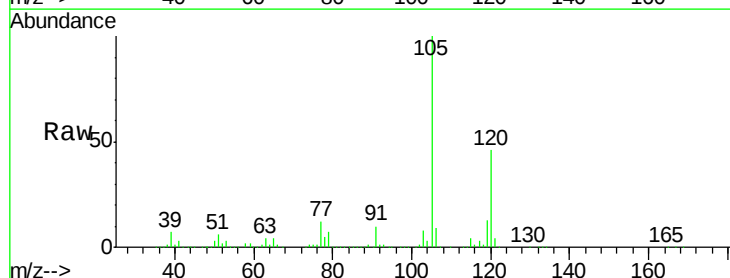
Manual Integrations
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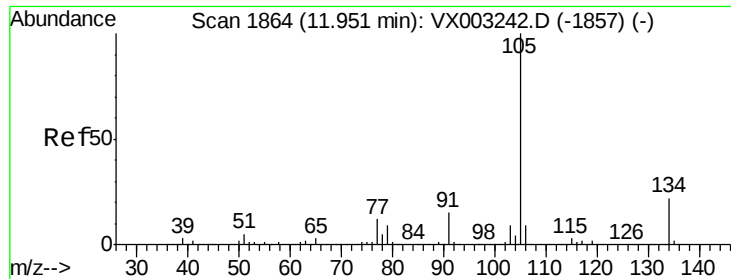
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.28 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266153		
120	45.8	22.3	66.8	





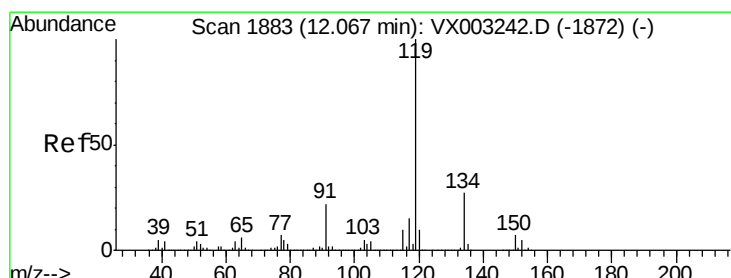
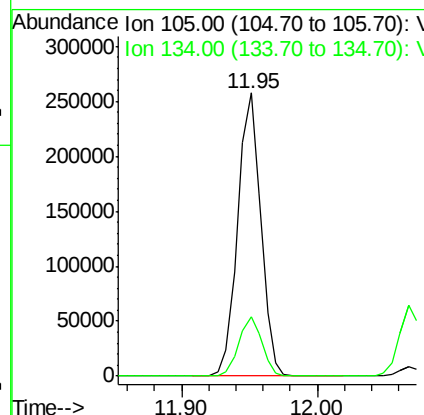
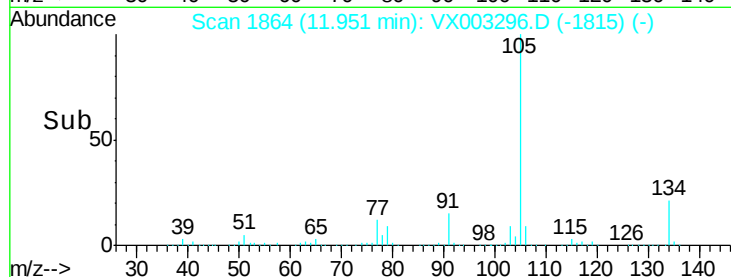
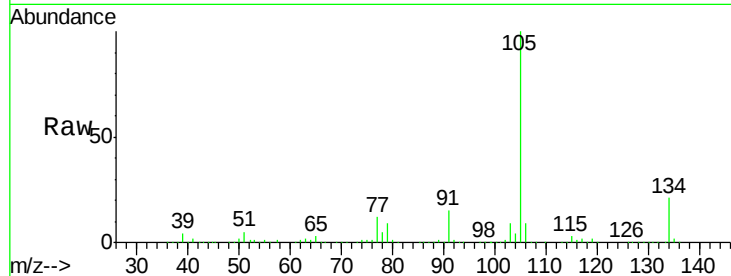
#85
 sec-Butylbenzene
 Concen: 20.12 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Tot Ion:105 Resp: 304467
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

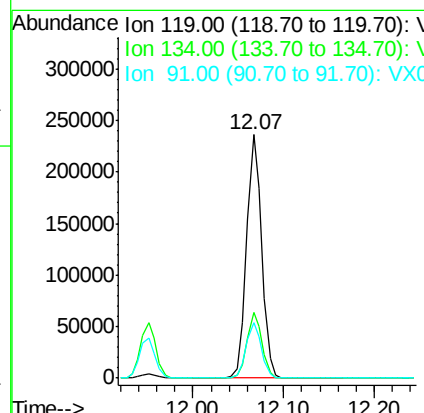
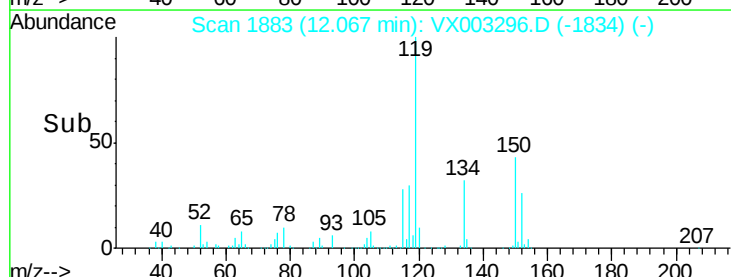
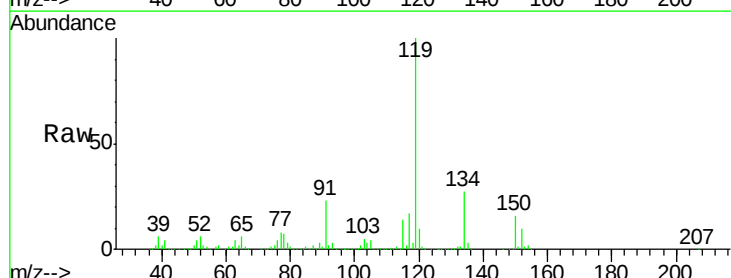
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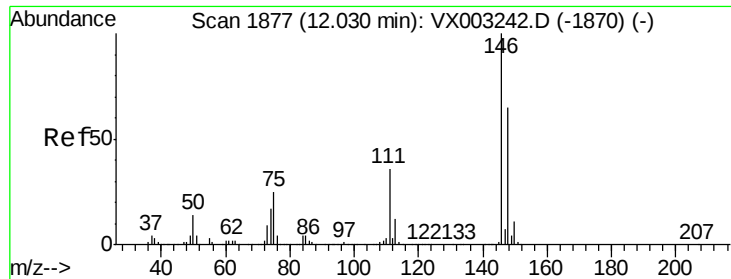
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 7/11/2018 3:09:28 PM



#86
 p-Isopropyltoluene
 Concen: 19.68 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Tgt Ion:119 Resp: 271379
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.27 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Instrument :

MSVOA_X

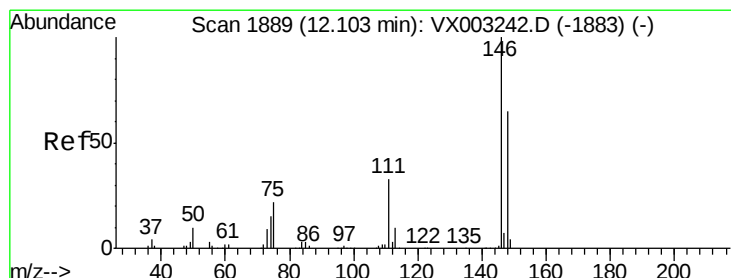
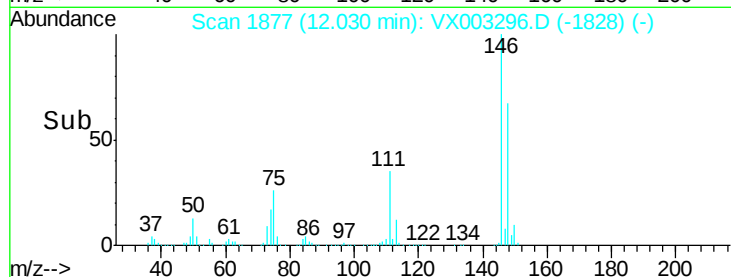
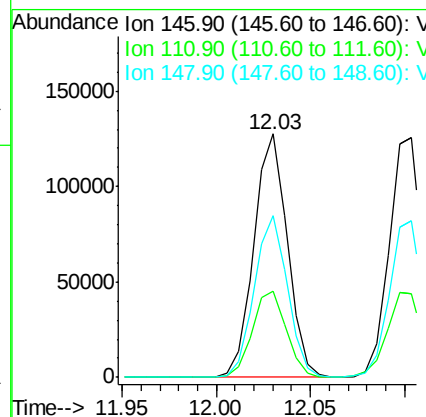
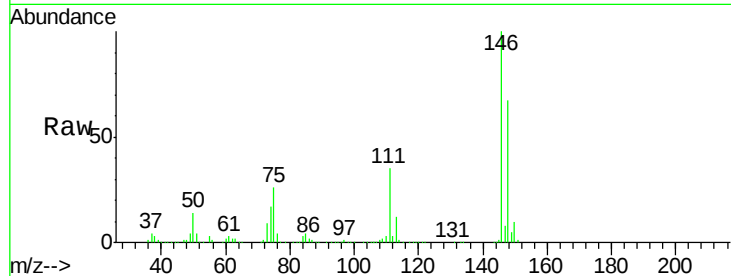
ClientSampled :

VX0710WBSD01

Tot Ion:	146	Resp:	157101
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.9	56.7
148	65.8	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.37 ug/l

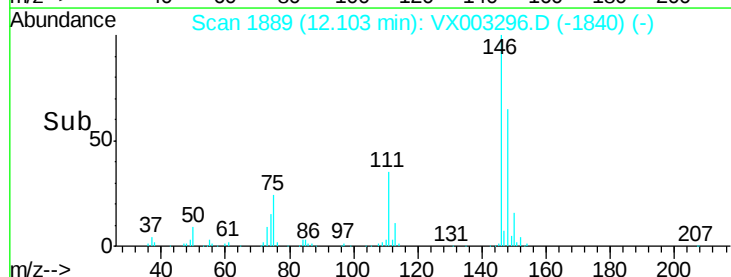
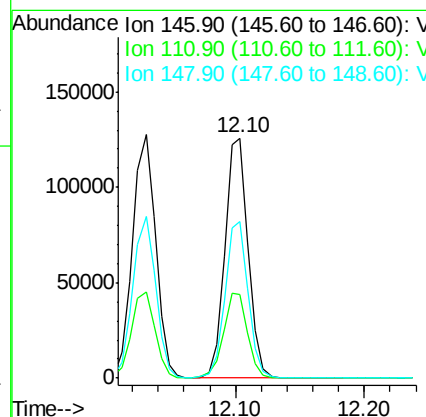
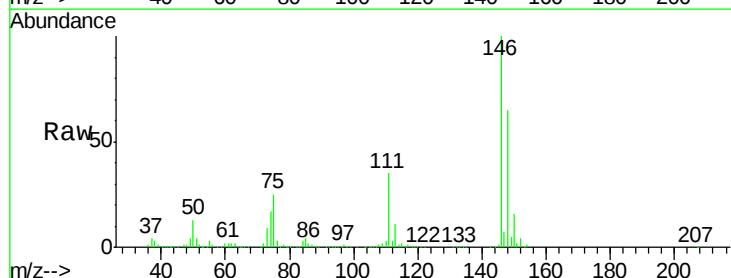
RT: 12.10 min Scan# 1889

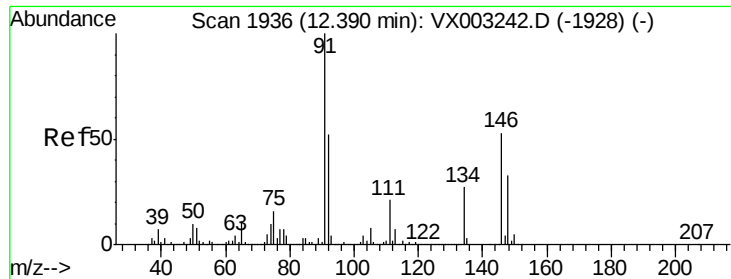
Delta R.T. -0.00 min

Lab File: VX003296.D

Acq: 10 Jul 2018 20:36

Tgt Ion:	146	Resp:	159906
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.7	56.1
148	65.2	32.4	97.0





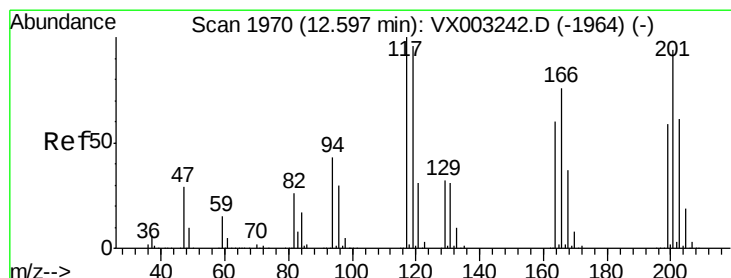
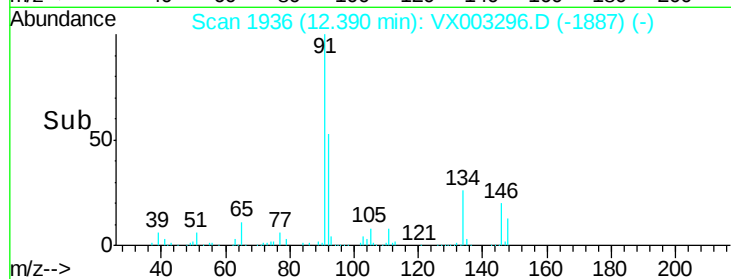
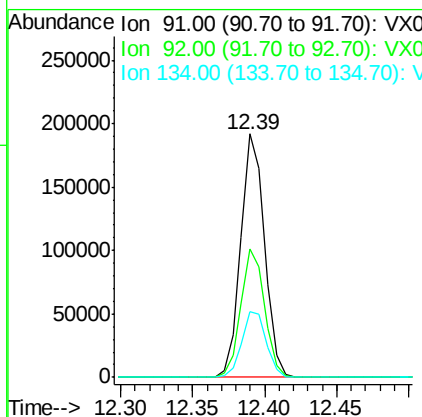
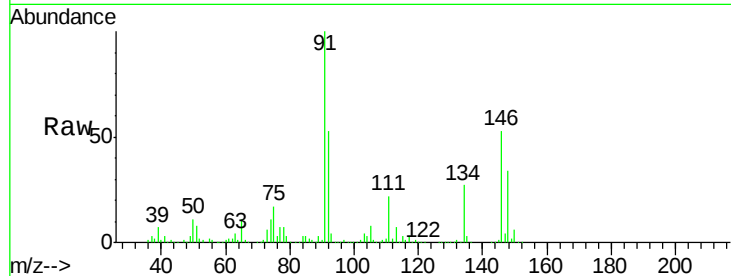
#89
n-Butylbenzene
Concen: 19.13 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		220349		
92	52.7	26.0		78.0	
134	27.6	13.5		40.5	

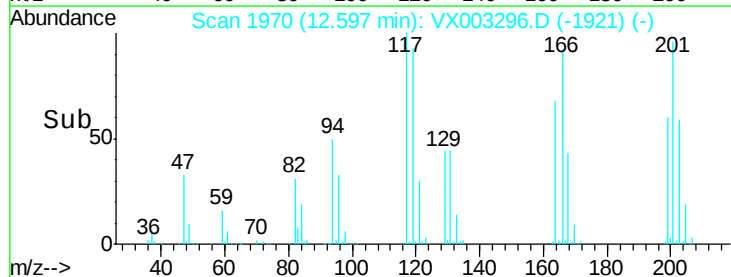
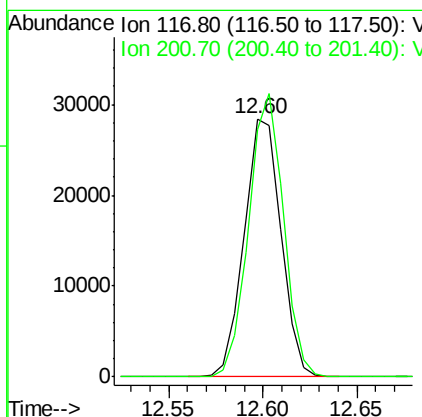
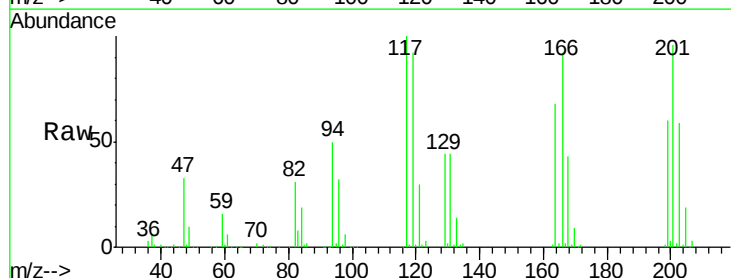
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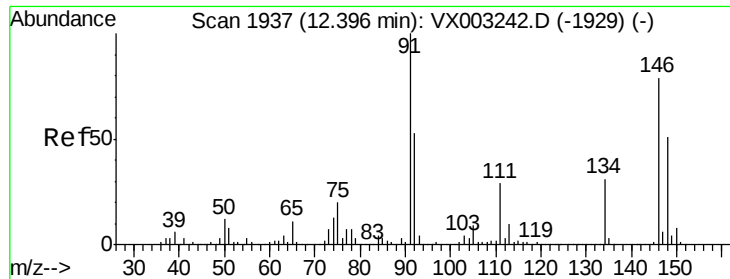
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#90
Hexachloroethane
Concen: 18.27 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		38462		
201	103.7	49.0		147.0	





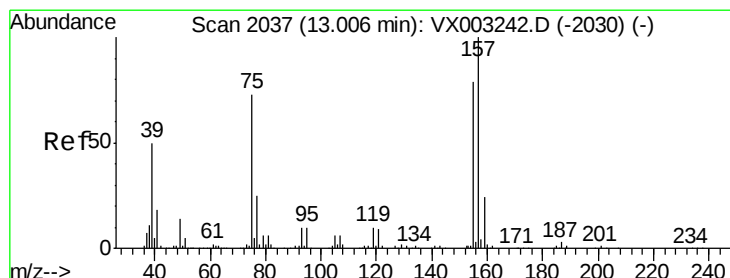
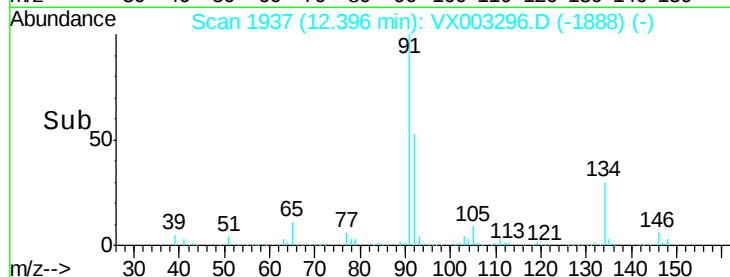
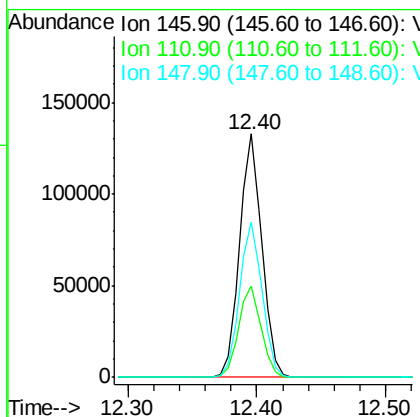
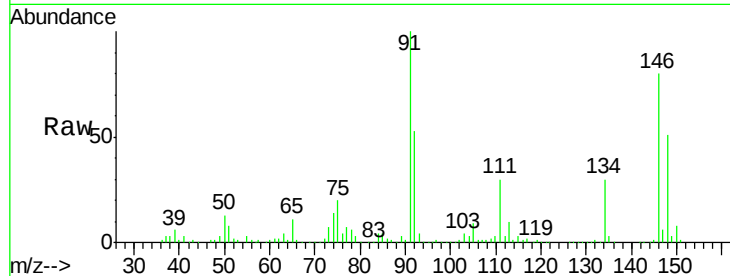
#91
 1,2-Dichlorobenzene
 Concen: 19.45 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.1
148	64.4	31.7	95.1

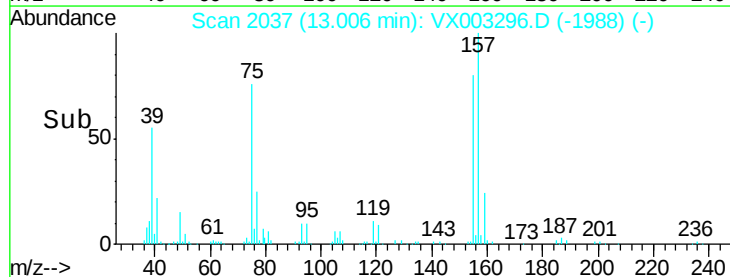
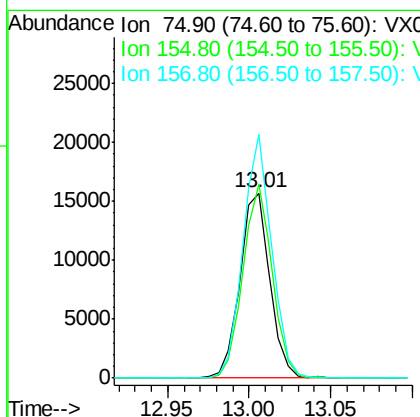
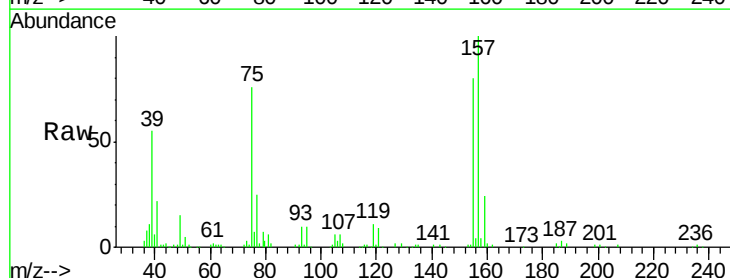
Manual Integrations
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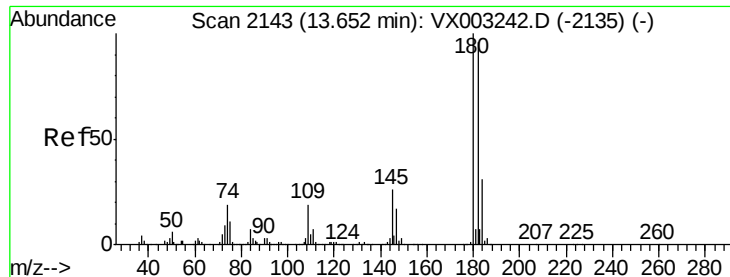
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.59 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.5	45.8	137.4
157	126.1	60.1	180.3





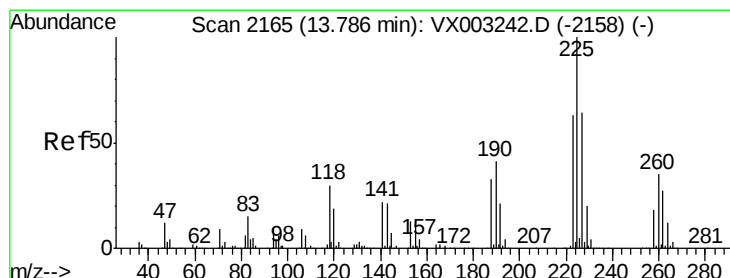
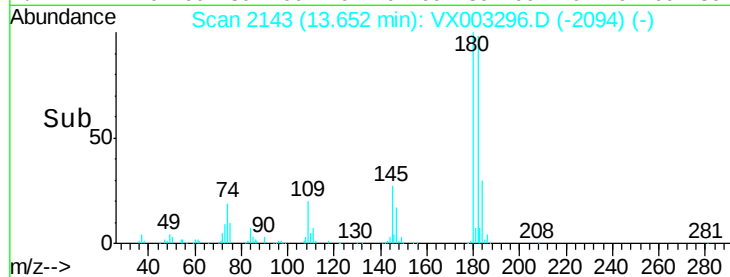
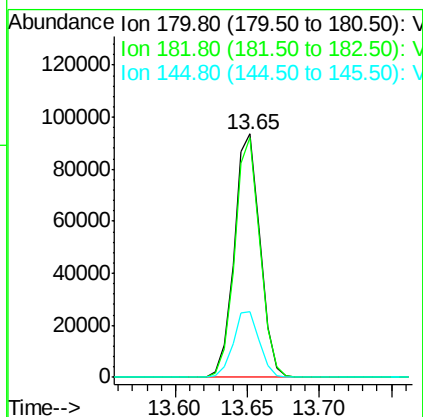
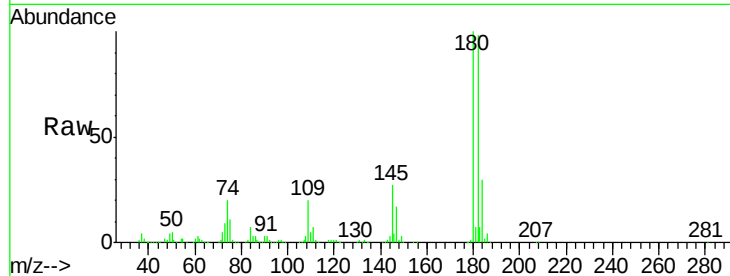
#93
 1,2,4-Trichlorobenzene
 Concen: 19.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.7	143.1
145	27.3	14.1	42.4

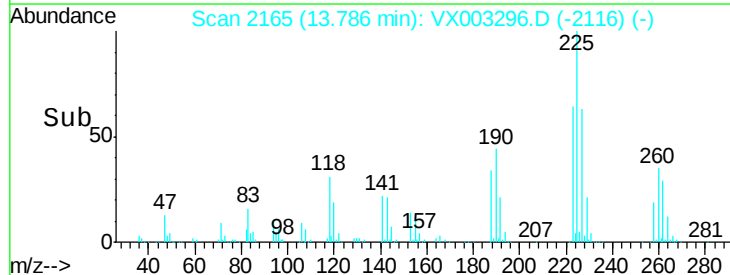
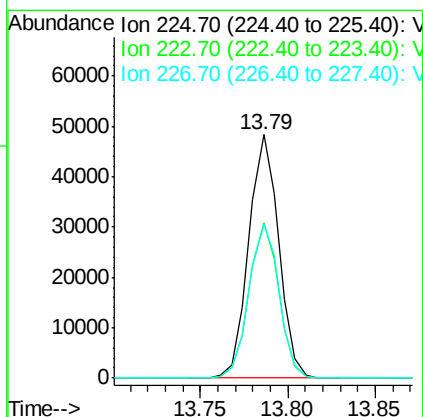
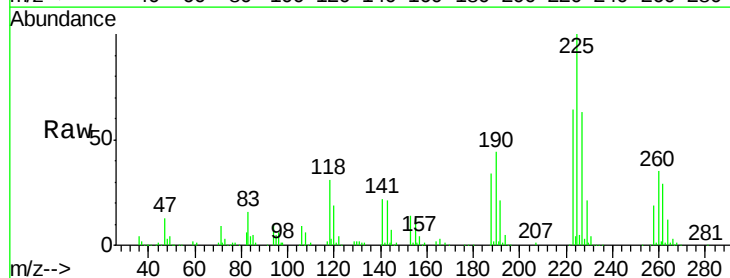
Manual Integrations
 APPROVED

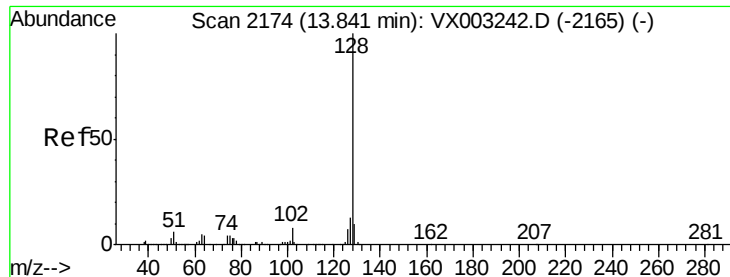
MMDadoda
 7/11/2018 3:09:28 PM



#94
 Hexachlorobutadiene
 Concen: 19.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003296.D
 Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.6	95.0
227	64.1	32.4	97.2





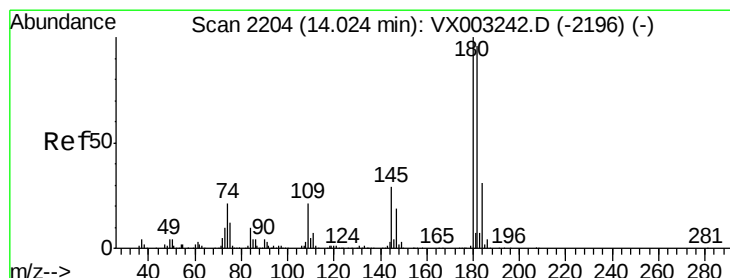
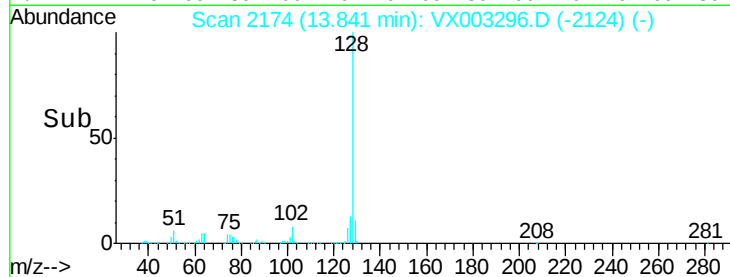
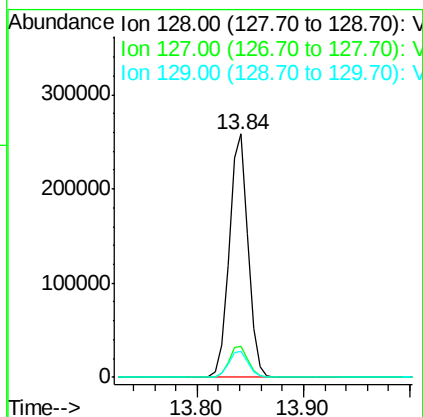
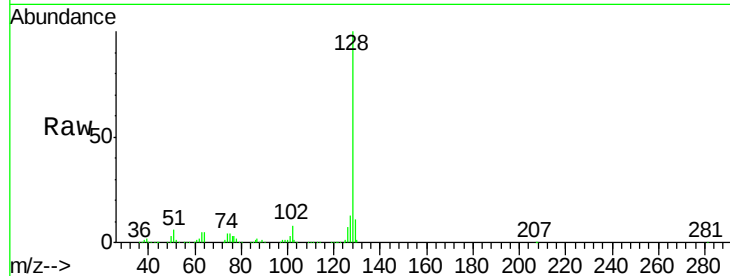
#95
Naphthalene
Concen: 20.45 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/11/2018 3:09:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.57 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003296.D
Acq: 10 Jul 2018 20:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.0
145	29.7	14.8	44.3

