

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003255.D
 Acq On : 09 Jul 2018 20:31
 Operator : JC/MD
 Sample : J3762-07 LOD/MDL 0.2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:51 PM

Quant Time: Jul 10 04:27:11 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	254008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188776	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	197786	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	5.51	113	168418	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
50) Toluene-d8	8.72	98	596712	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.14	95	204929	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1084	0.28	ug/l	98
3) Chloromethane	1.32	50	1491	0.42	ug/l #	85
4) Vinyl Chloride	1.41	62	894	0.25	ug/l #	1
5) Bromomethane	1.65	94	3286	Below	Cal	84
7) Trichlorofluoromethane	1.93	101	1411	0.26	ug/l	99
8) Diethyl Ether	2.20	74	412	0.21	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	874	0.28	ug/l #	86
10) Methyl Iodide	2.52	142	4706	6.86	ug/l	94
11) Tert butyl alcohol	3.07	59	936	1.29	ug/l	98
12) 1,1-Dichloroethene	2.38	96	758	0.27	ug/l #	51
13) Acrolein	2.29	56	1005	1.72	ug/l	95
14) Allyl chloride	2.72	41	1259	0.24	ug/l #	86
15) Acrylonitrile	3.16	53	2343	1.45	ug/l	95
16) Acetone	2.45	43	1958	1.38	ug/l	93
17) Carbon Disulfide	2.57	76	4153	0.52	ug/l	98
18) Methyl Acetate	2.78	43	864	0.22	ug/l #	90
19) Methyl tert-butyl Ether	3.22	73	1996	0.21	ug/l #	77
20) Methylene Chloride	2.86	84	1390	Below	Cal #	80
21) trans-1,2-Dichloroethene	3.17	96	1128	0.37	ug/l	93
23) Vinyl Acetate	3.83	43	8410	0.92	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	1299	0.23	ug/l #	83
25) 2-Butanone	4.72	43	2497	0.99	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	1013	0.27	ug/l #	12
28) Bromochloromethane	5.03	49	929	0.33	ug/l #	97
29) Tetrahydrofuran	5.17	42	2523	1.55	ug/l	95
30) Chloroform	5.21	83	1485	0.24	ug/l #	78
31) Cyclohexane	5.57	56	1387	0.26	ug/l #	82
36) 1,1-Dichloropropene	5.80	75	1504	0.33	ug/l	98
38) Carbon Tetrachloride	5.79	117	1255	0.25	ug/l #	82
39) Methylcyclohexane	7.46	83	1593	0.29	ug/l	91
40) Benzene	6.15	78	2961	0.22	ug/l	92
41) Methacrylonitrile	5.07	41	588m	0.21	ug/l	
42) 1,2-Dichloroethane	6.20	62	1151	0.22	ug/l	97
44) Trichloroethene	7.21	130	1190	0.29	ug/l	70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
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Manual Integrations
 APPROVED

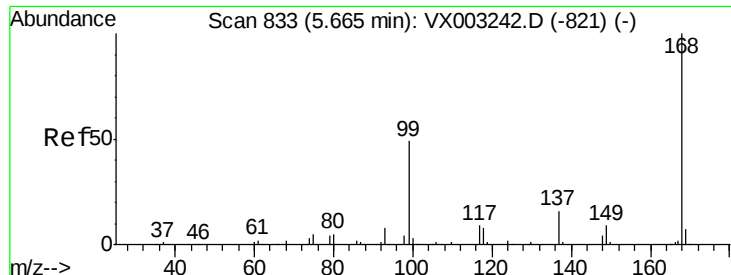
MMDadoda
 7/10/2018 3:11:51 PM

Quant Time: Jul 10 04:27:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	7.52	63	723	0.20	ug/l #	77
46) Dibromomethane	7.67	93	576	0.24	ug/l	87
48) Methyl methacrylate	7.79	41	984	0.24	ug/l #	83
49) 1,4-Dioxane	7.77	88	406	4.75	ug/l #	51
51) 4-Methyl-2-Pentanone	8.65	43	3995	0.81	ug/l	94
52) Toluene	8.79	92	2172	0.25	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	1006	0.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	722	0.20	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.32	63	1907	0.80	ug/l	95
59) 2-Hexanone	9.51	43	2934	0.78	ug/l	93
61) 1,2-Dibromoethane	9.68	107	757	0.20	ug/l	95
64) Tetrachloroethene	9.34	164	1350	0.31	ug/l	91
65) Chlorobenzene	10.15	112	2504	0.25	ug/l	98
67) Ethyl Benzene	10.26	91	3746	0.23	ug/l	98
68) m/p-Xylenes	10.36	106	2922	0.47	ug/l	99
69) o-Xylene	10.70	106	1274	0.21	ug/l	96
70) Styrene	10.71	104	2159	0.22	ug/l	97
73) Isopropylbenzene	11.02	105	3527	0.24	ug/l	98
74) N-amyl acetate	6.48	43	1572	0.22	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1007	0.22	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	993m	0.24	ug/l	
77) Bromobenzene	11.26	156	1333	0.31	ug/l	95
78) n-propylbenzene	11.37	91	5015	0.30	ug/l	100
79) 2-Chlorotoluene	11.42	91	2755	0.27	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	3044	0.25	ug/l	100
82) 4-Chlorotoluene	11.52	91	3261	0.28	ug/l	95
83) tert-Butylbenzene	11.77	119	2885	0.23	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	3042	0.24	ug/l	93
85) sec-Butylbenzene	11.95	105	3727	0.25	ug/l	94
86) p-Isopropyltoluene	12.07	119	3181	0.24	ug/l #	77
87) 1,3-Dichlorobenzene	12.03	146	2631	0.33	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	3214m	0.40	ug/l	
89) n-Butylbenzene	12.39	91	3531	0.32	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	2246	0.28	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	283	0.29	ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	2334	0.40	ug/l	90
94) Hexachlorobutadiene	13.79	225	1269	0.44	ug/l	96
95) Naphthalene	13.84	128	4730	0.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	2139	0.37	ug/l	96

(#) = 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: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:168 Resp: 254008

Ion Ratio Lower Upper

168 100

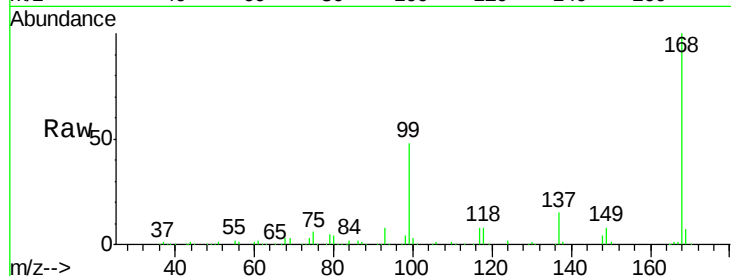
99 47.5 39.3 58.9

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

100000

80000

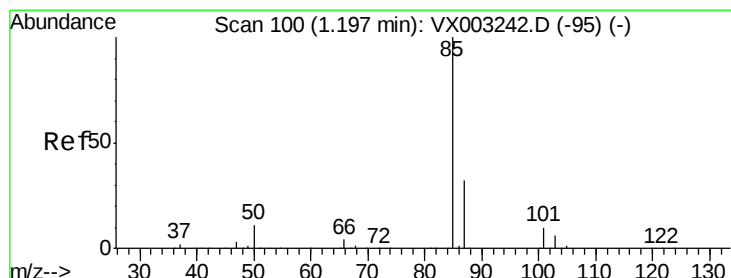
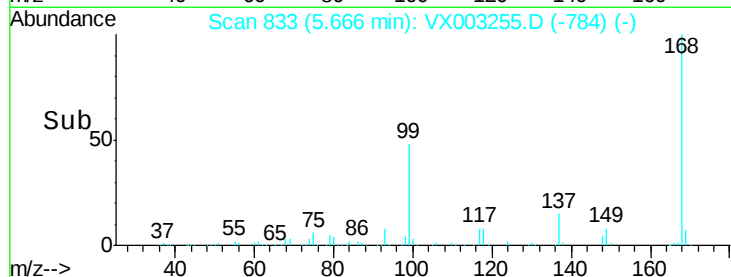
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003255.D

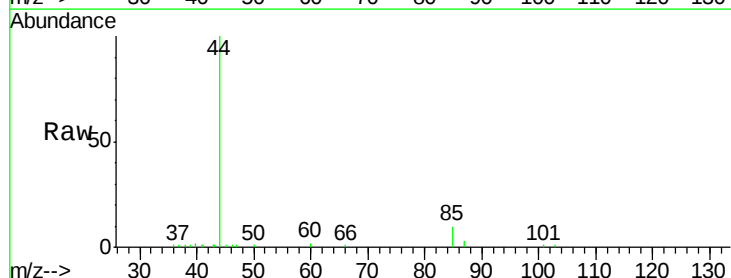
Acq: 09 Jul 2018 20:31

Tgt Ion: 85 Resp: 1084

Ion Ratio Lower Upper

85 100

87 32.8 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

1200

1000

800

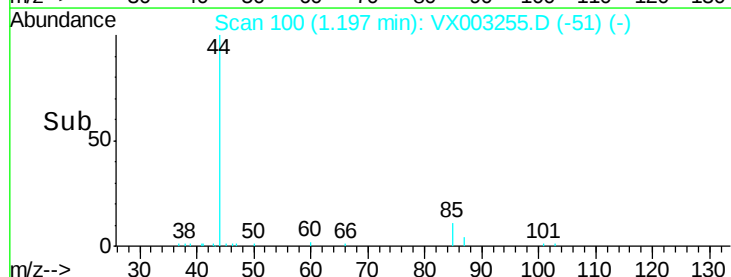
600

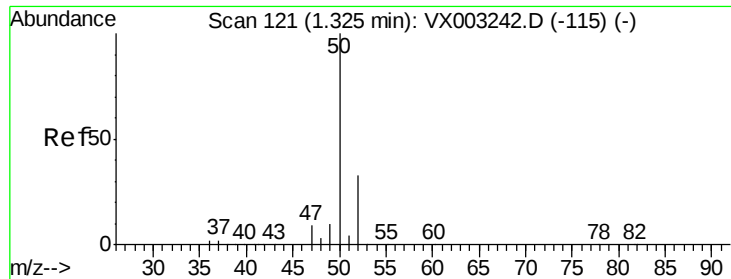
400

200

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 50 Resp: 1491

Ion Ratio Lower Upper

50 100

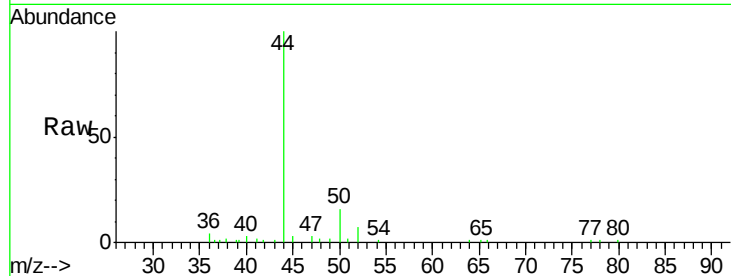
52 40.3 25.7 38.5#

Manual Integrations

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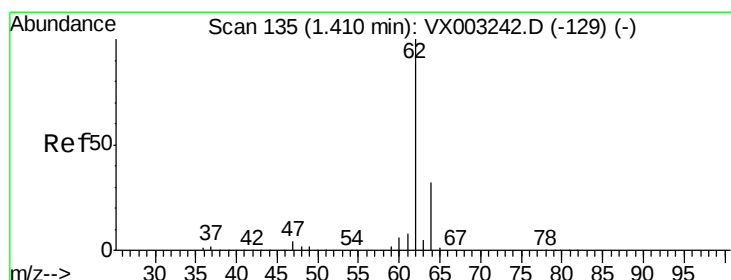
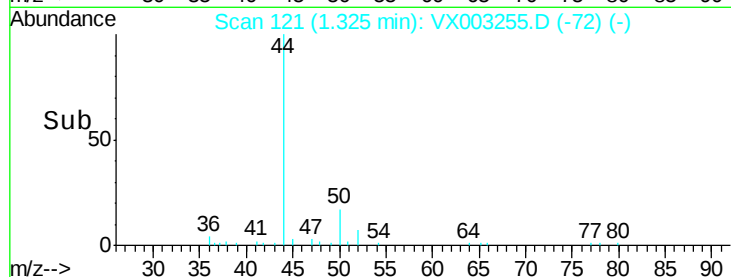
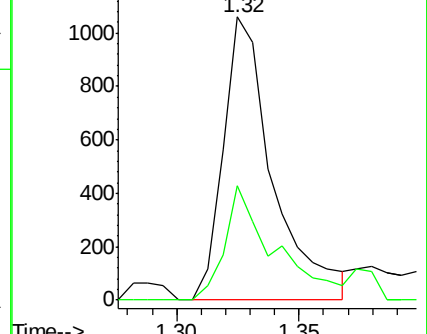
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003255.D

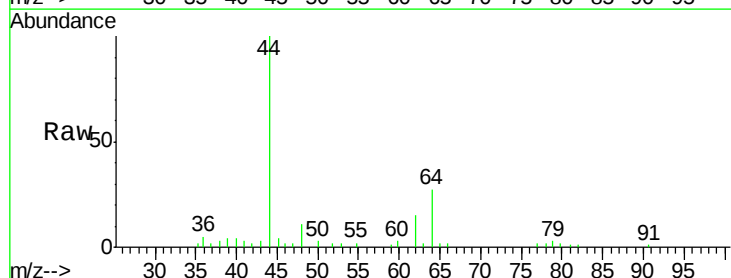
Acq: 09 Jul 2018 20:31

Tgt Ion: 62 Resp: 894

Ion Ratio Lower Upper

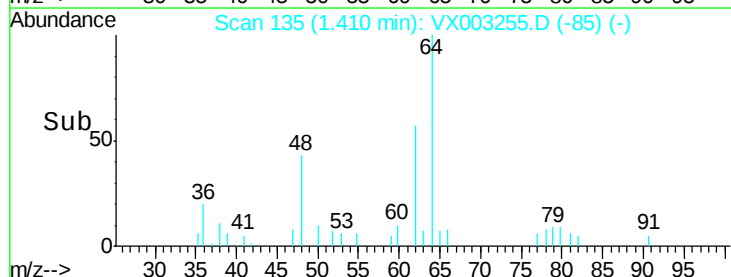
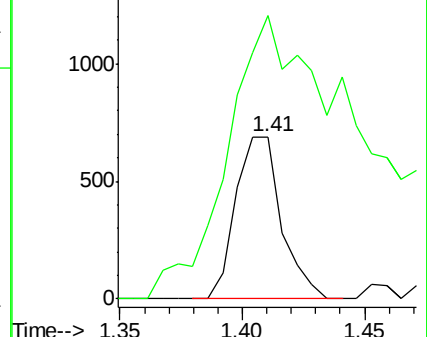
62 100

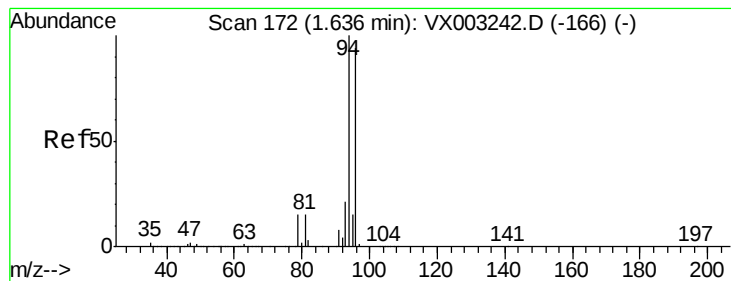
64 154.7 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 94 Resp: 3286

Ion Ratio Lower Upper

94 100

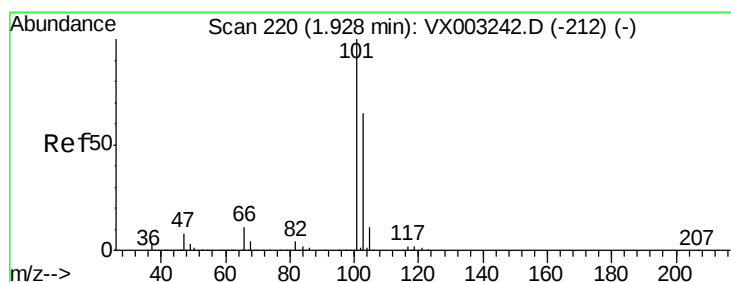
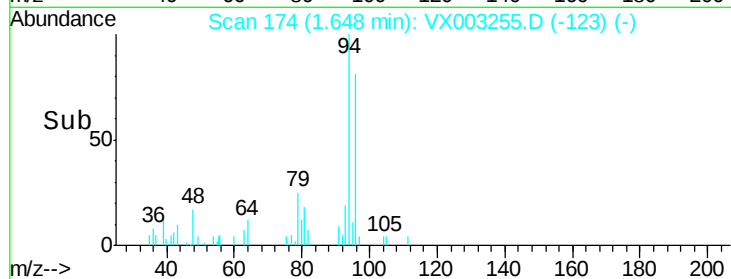
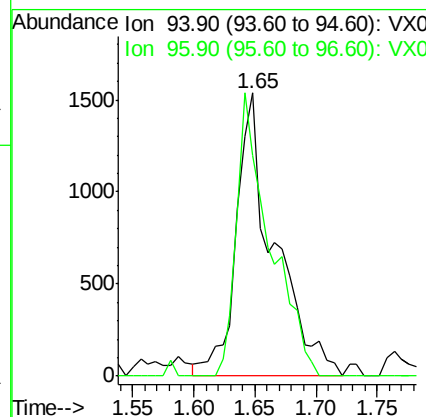
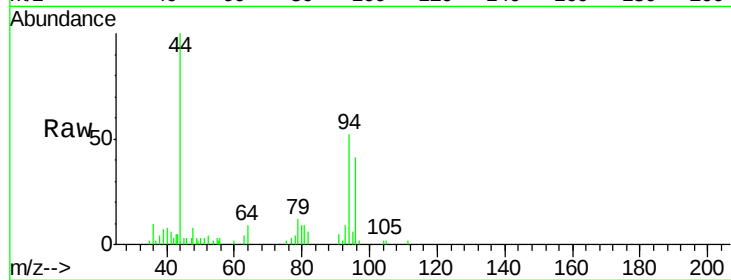
96 78.0 74.9 112.3

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 0.26 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003255.D

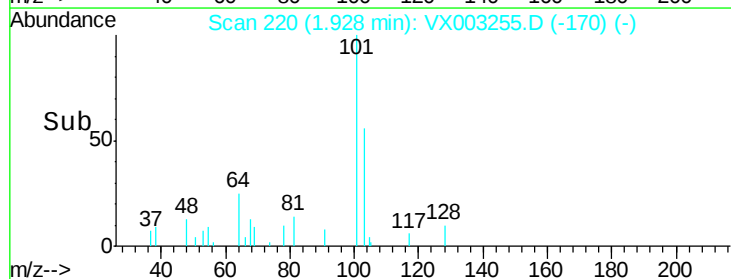
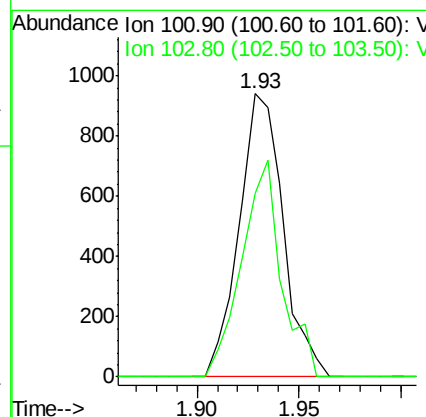
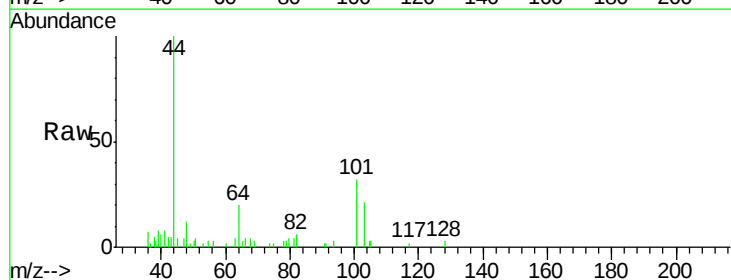
Acq: 09 Jul 2018 20:31

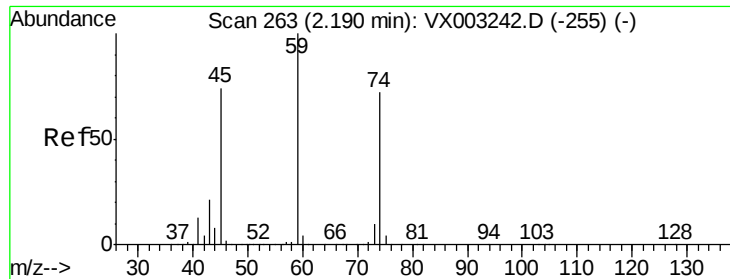
Tgt Ion:101 Resp: 1411

Ion Ratio Lower Upper

101 100

103 65.0 52.8 79.2





#8

Diethyl Ether

Concen: 0.21 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 74 Resp: 412

Ion Ratio Lower Upper

74 100

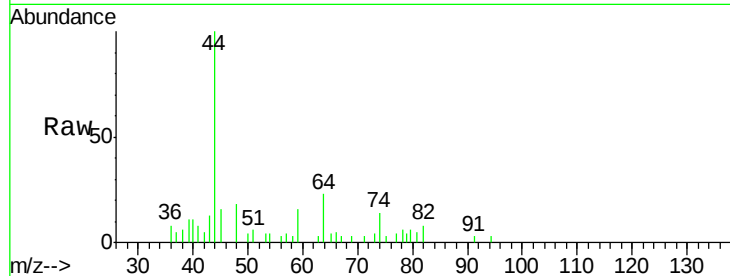
45 115.0 53.1 159.4

Manual Integrations

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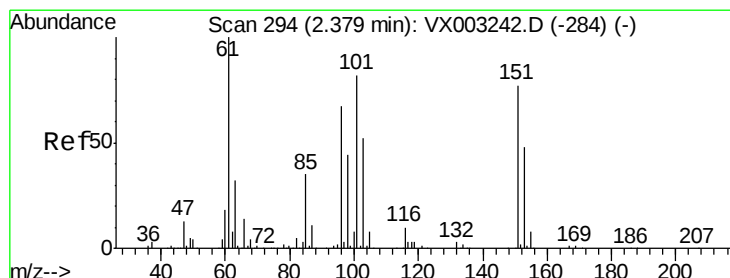
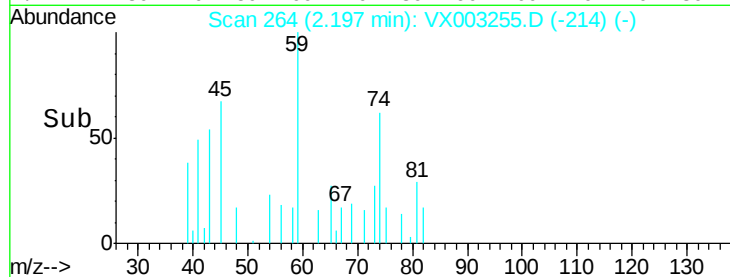
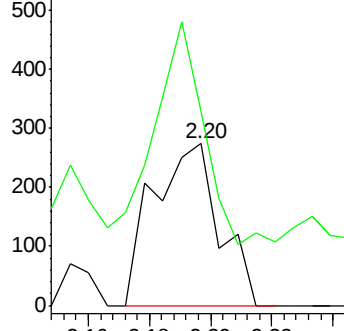
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

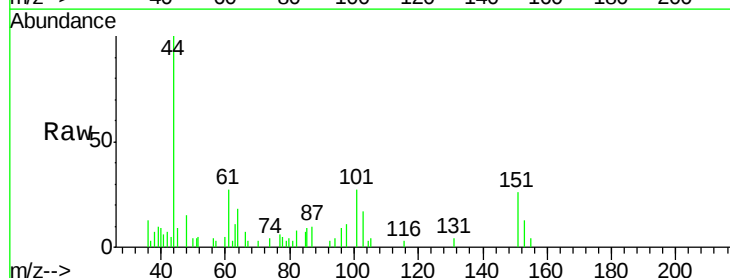
Tgt Ion: 101 Resp: 874

Ion Ratio Lower Upper

101 100

85 54.3 36.0 54.0#

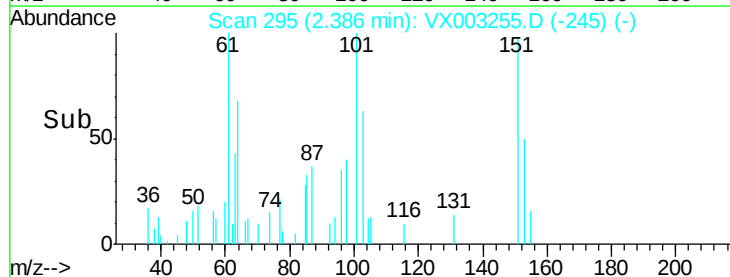
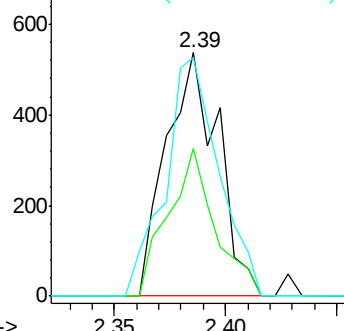
151 101.1 70.9 106.3

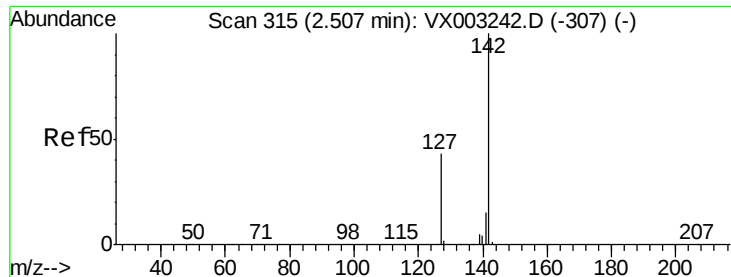


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





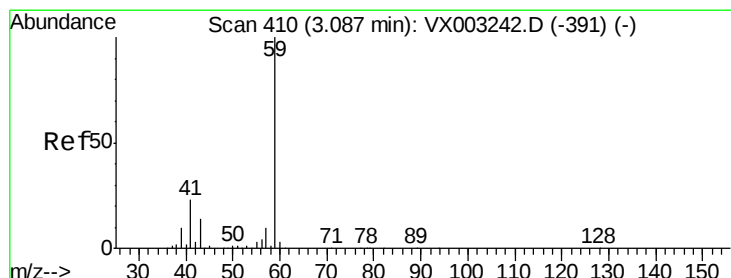
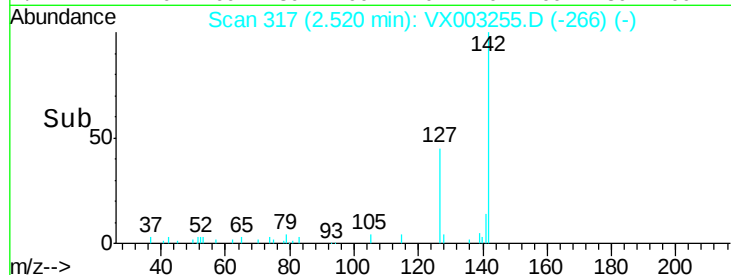
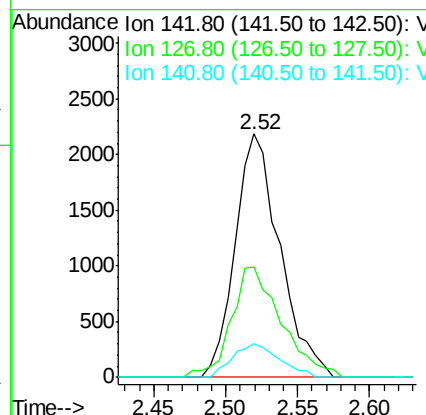
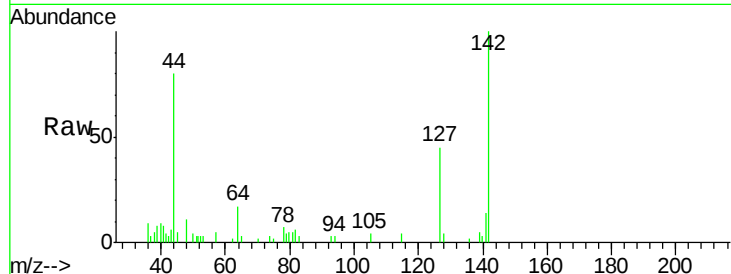
#10
Methvl Iodide
Concen: 6.86 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.7	36.6	55.0
141	14.5	11.3	16.9

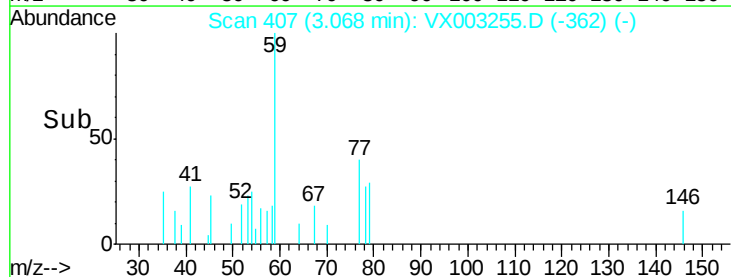
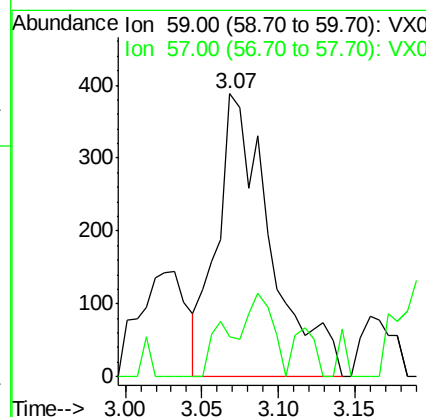
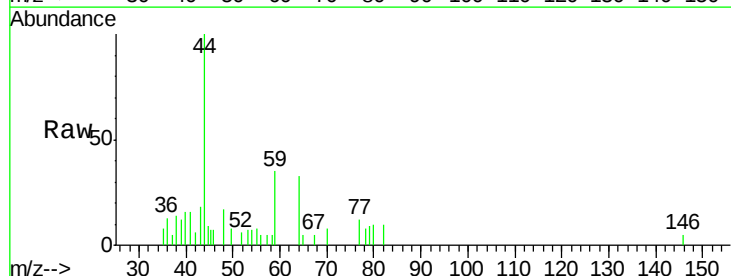
Manual Integrations
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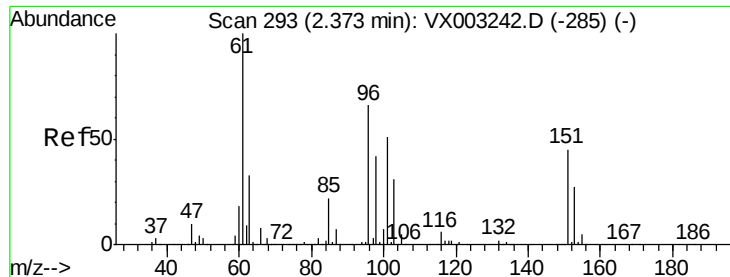
MMDadoda
7/10/2018 3:11:51 PM



#11
Tert butyl alcohol
Concen: 1.29 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.2	12.2





#12

1,1-Dichloroethene

Concen: 0.27 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

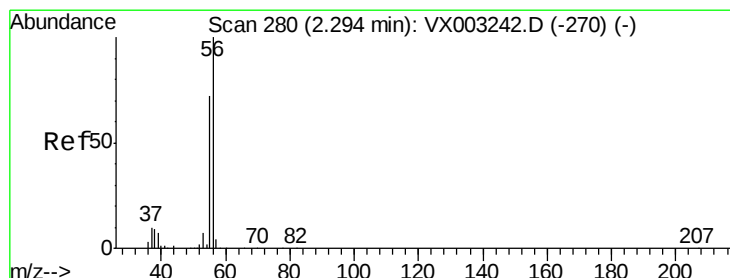
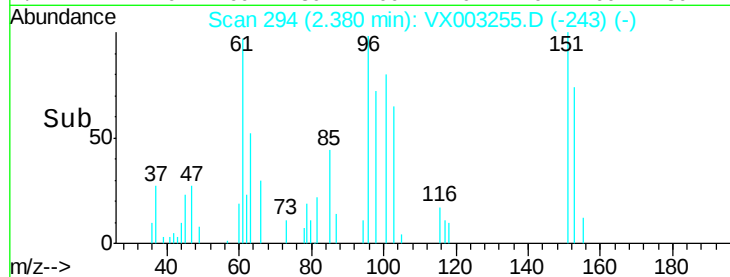
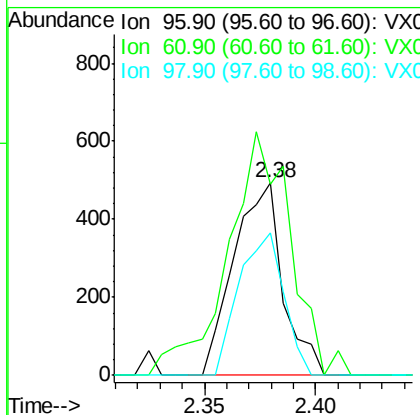
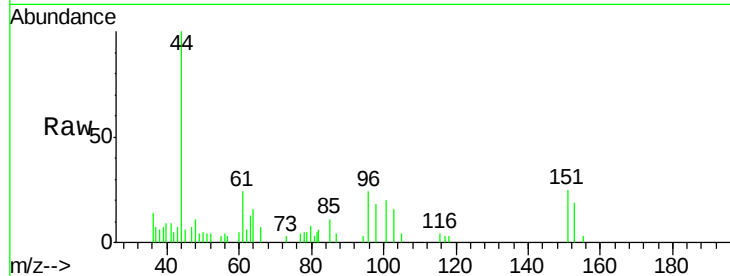
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	96	Resp:	758
Ion Ratio	Lower	Upper	
96	100		
61	86.4	137.9	206.9#
98	74.1	51.6	77.4

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#13

Acrolein

Concen: 1.72 ug/l

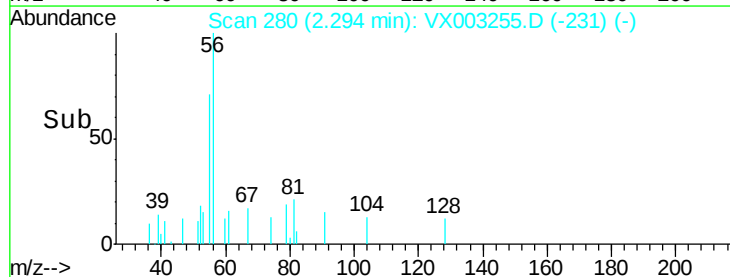
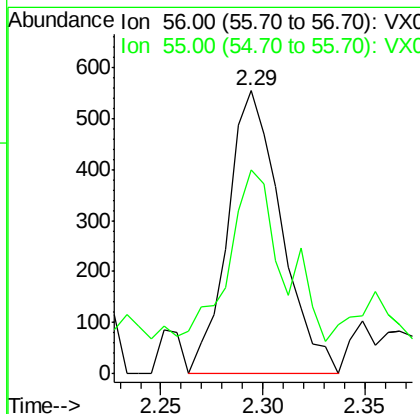
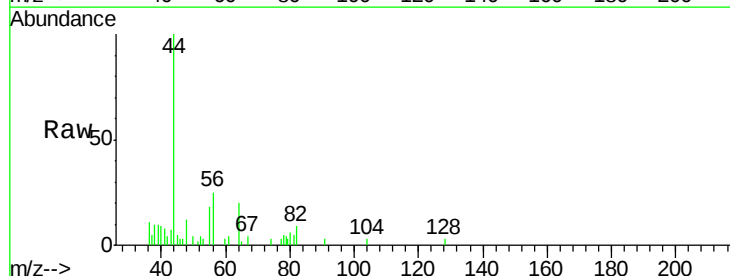
RT: 2.29 min Scan# 280

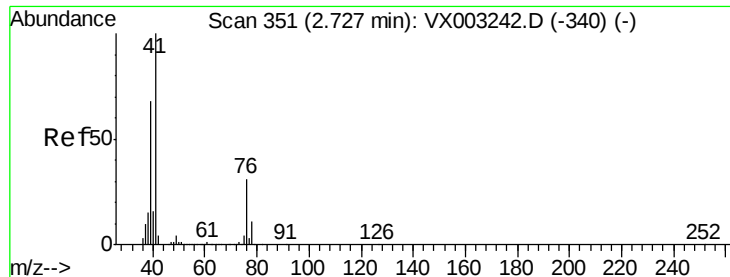
Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Tgt Ion:	56	Resp:	1005
Ion Ratio	Lower	Upper	
56	100		
55	75.1	57.0	85.4





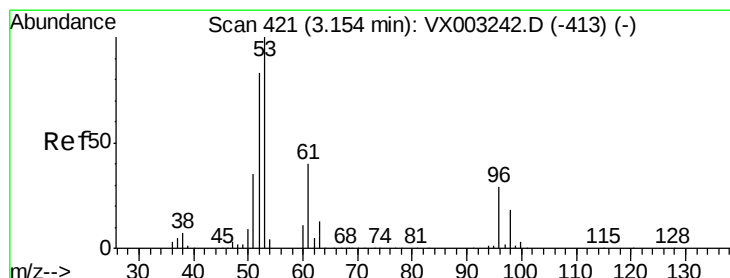
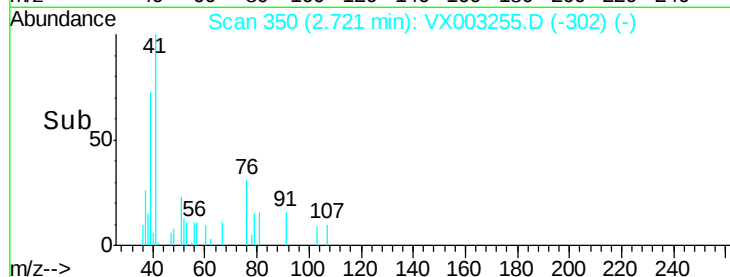
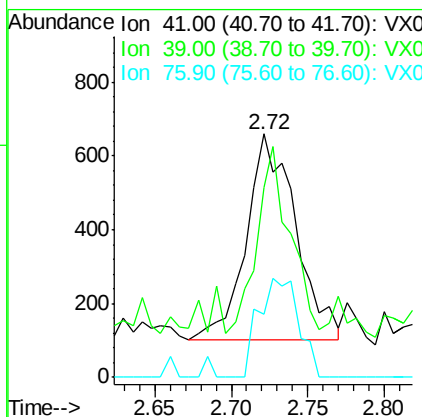
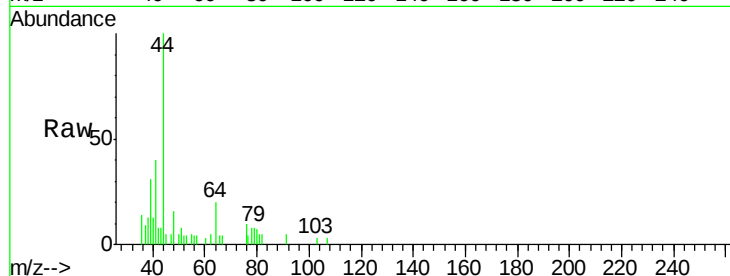
#14
Allvl chloride
Concen: 0.24 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.4	56.8	85.2
76	38.8	23.8	35.8

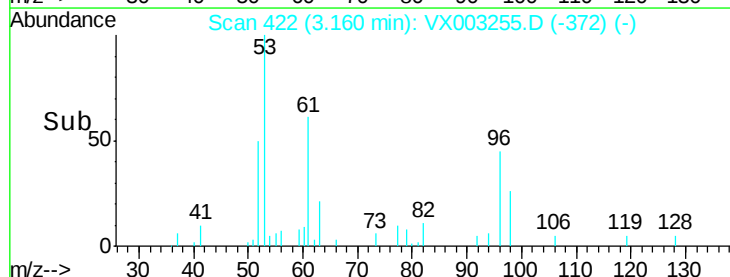
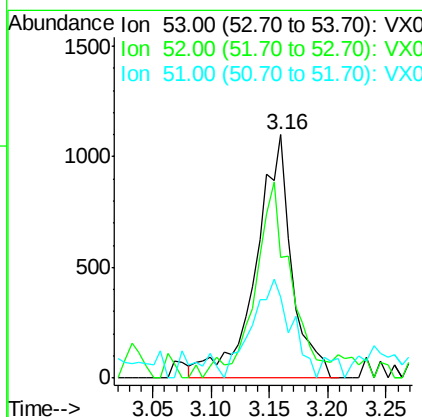
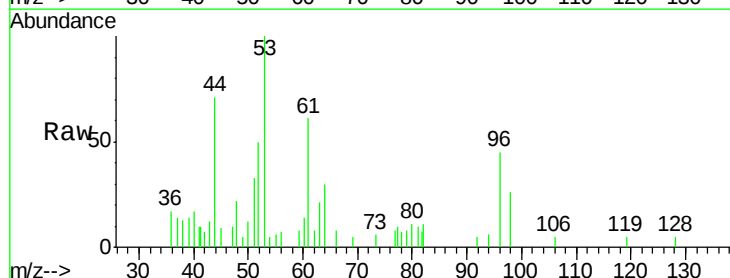
Manual Integrations
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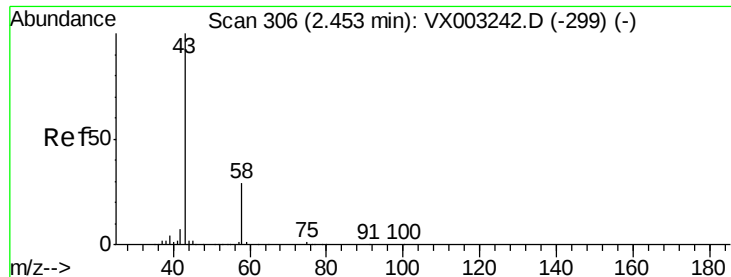
MMDadoda
7/10/2018 3:11:51 PM



#15
Acrylonitrile
Concen: 1.45 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.7	100.1
51	44.4	29.9	44.9





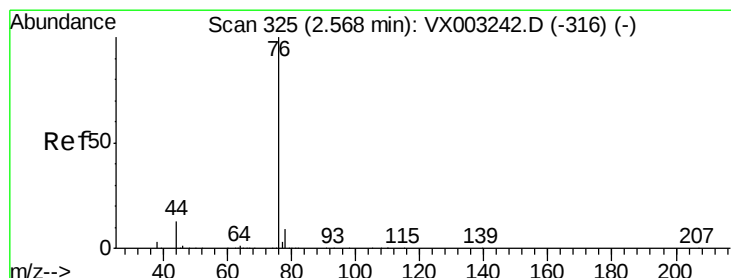
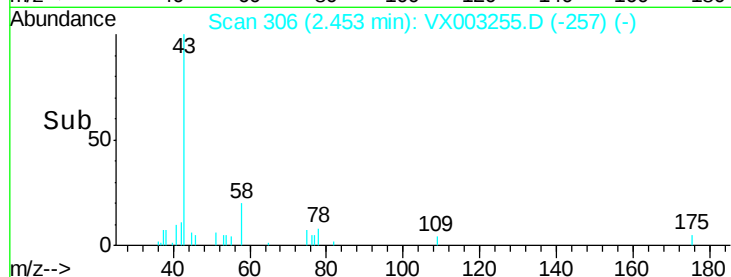
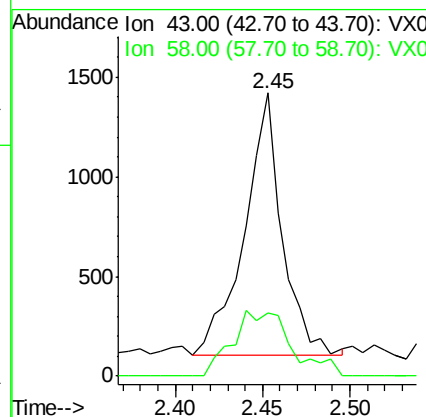
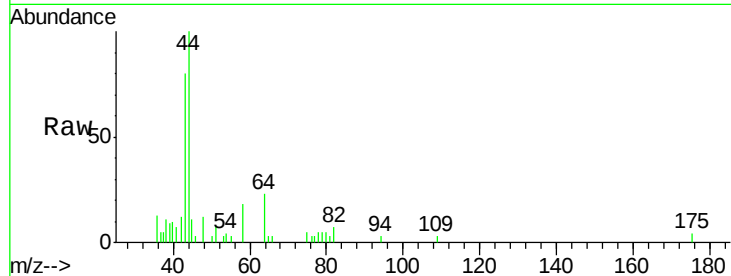
#16
Acetone
Concen: 1.38 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 1958
Ion Ratio Lower Upper
43 100
58 23.9 22.1 33.1

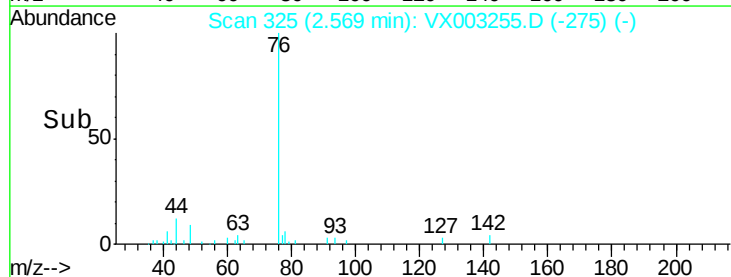
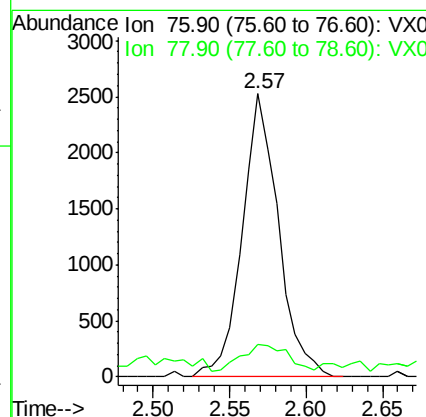
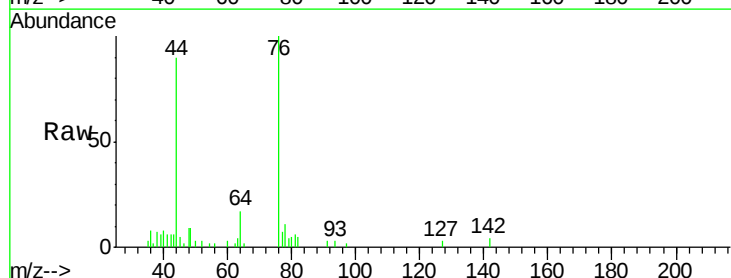
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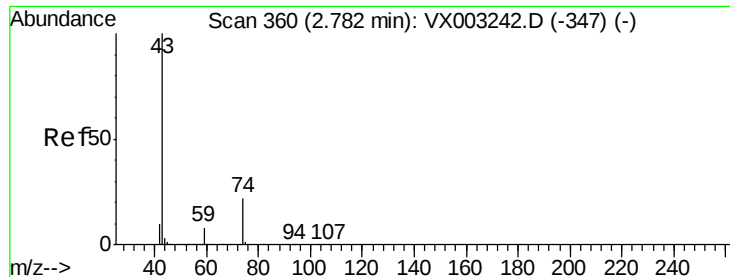
MMDadoda
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#17
Carbon Disulfide
Concen: 0.52 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 76 Resp: 4153
Ion Ratio Lower Upper
76 100
78 7.9 6.9 10.3





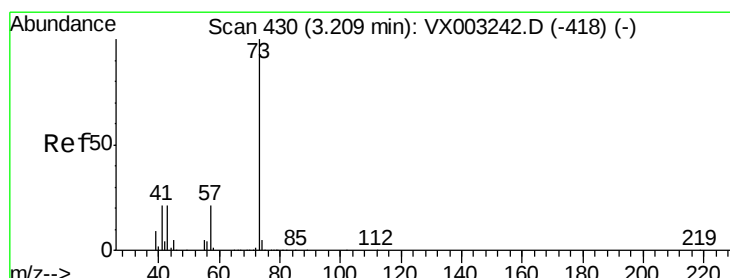
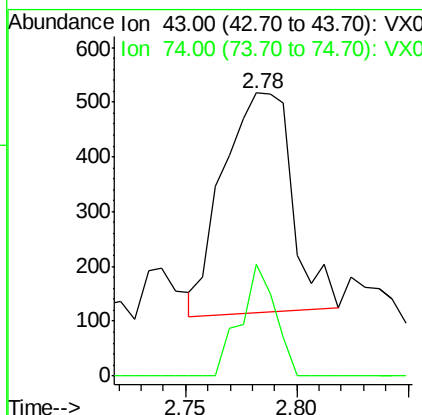
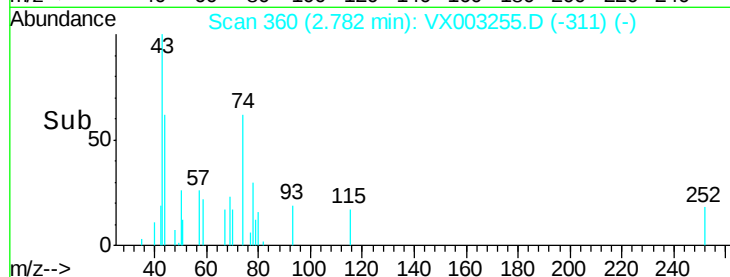
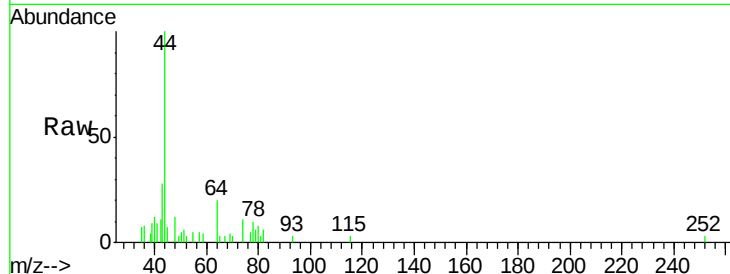
#18
Methvl Acetate
Concen: 0.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
74 25.6 16.7 25.1#

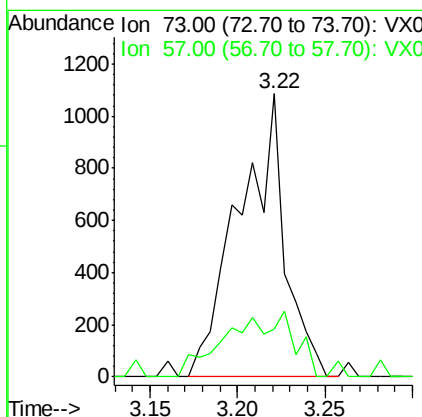
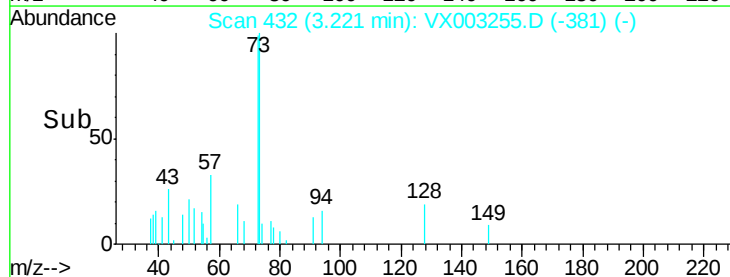
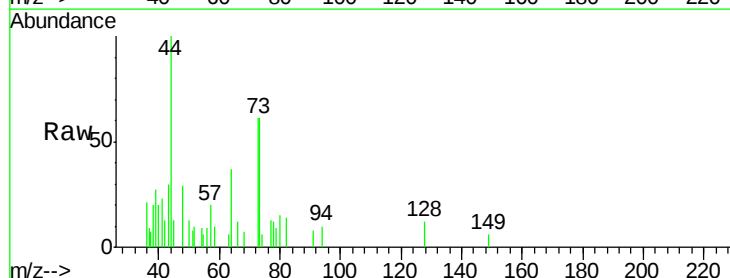
Manual Integrations
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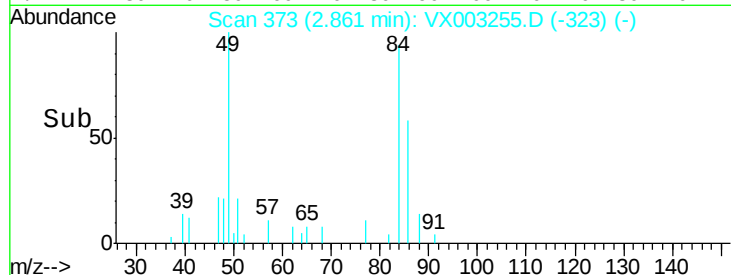
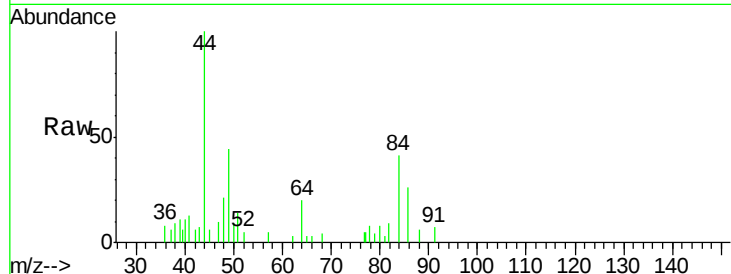
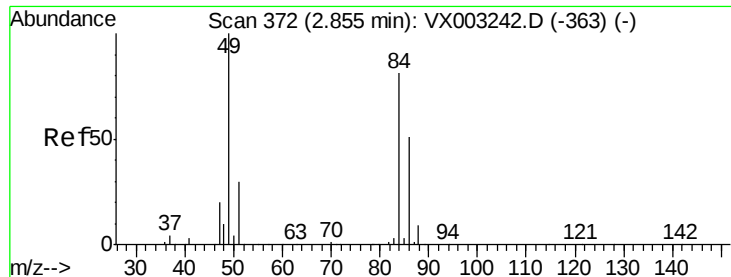
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 0.21 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 73 Resp: 1996
Ion Ratio Lower Upper
73 100
57 11.0 17.7 26.5#





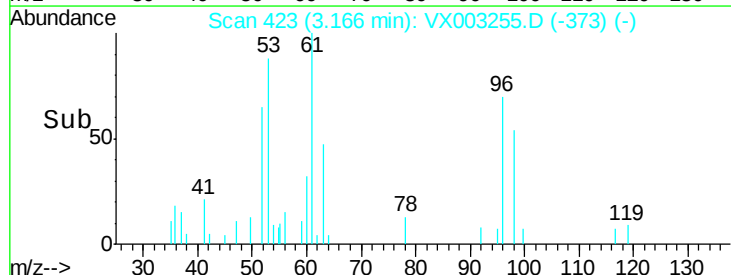
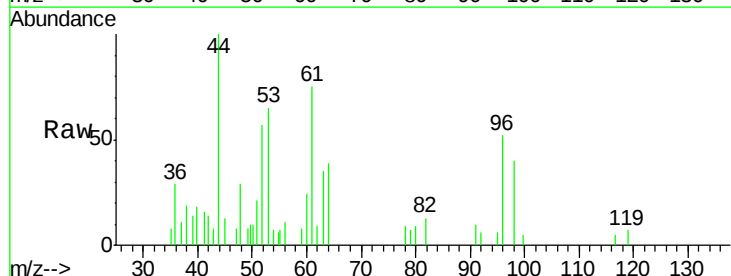
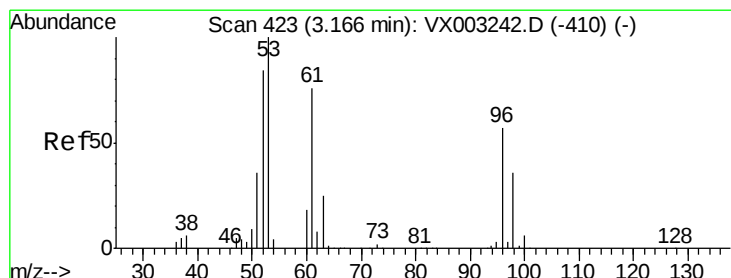
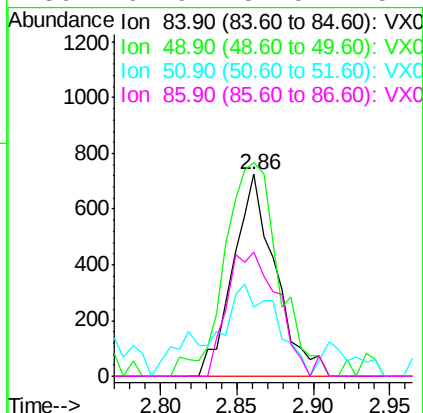
#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tot Ion	Ratio	Lower	Upper
84	100		
49	105.9	107.8	161.6#
51	21.3	32.8	49.2#
86	61.9	52.5	78.7

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

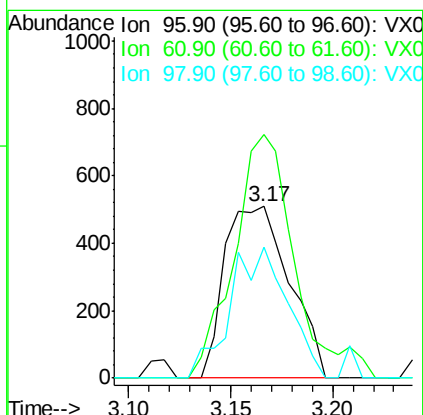
Manual Integrations
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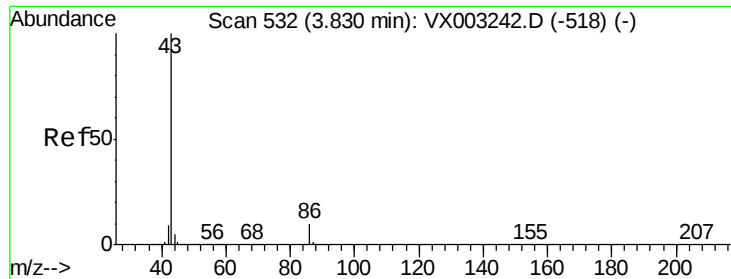
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 0.37 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	117.0	175.4
98	76.4	52.4	78.6





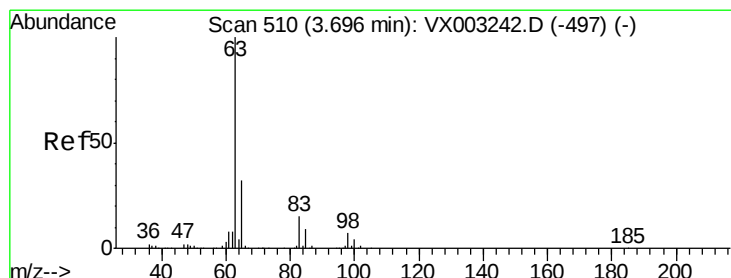
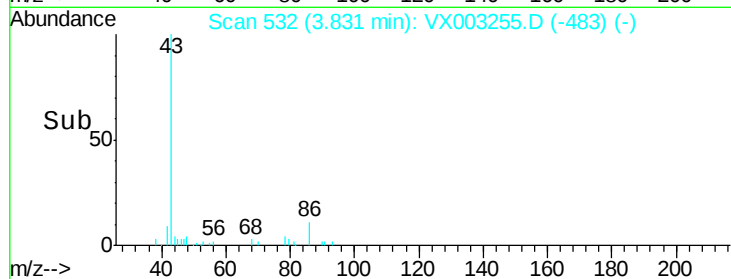
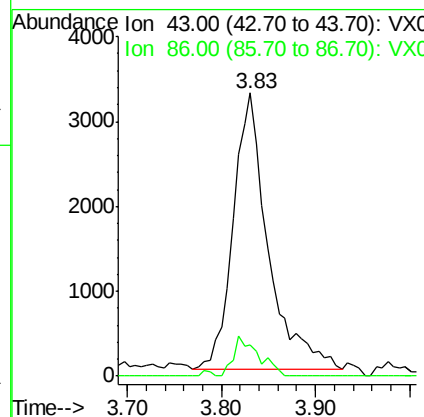
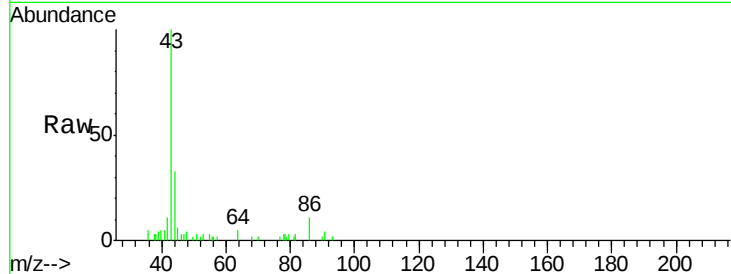
#23
 Vinyl Acetate
 Concen: 0.92 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	8410		
86	86	11.1		7.4	11.0#

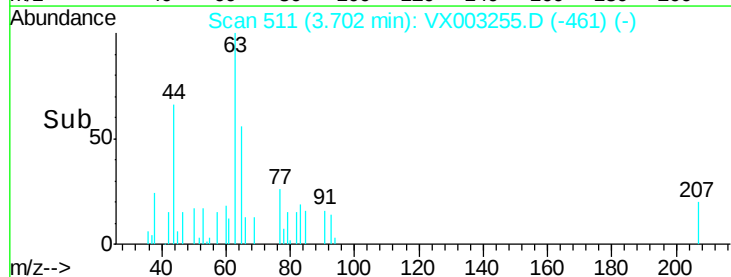
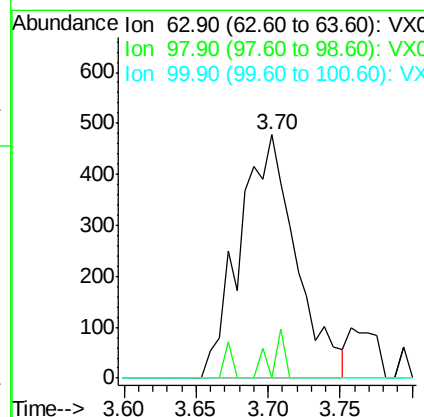
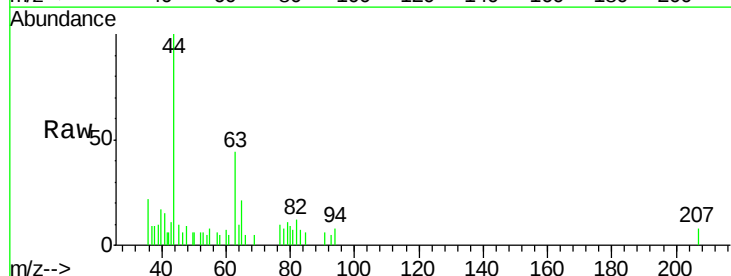
Manual Integrations
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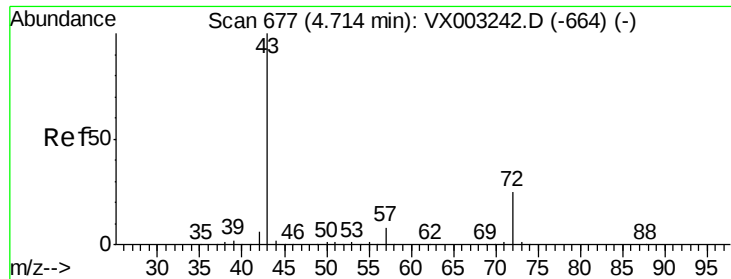
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#24
 1,1-Dichloroethane
 Concen: 0.23 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	63	100	1299		
98	98	0.0		3.4	10.2#
100	100	0.0		2.0	6.0#





#25

2-Butanone

Concen: 0.99 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 2497

Ion Ratio Lower Upper

43 100

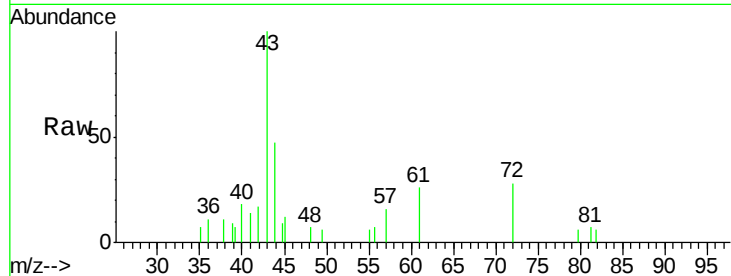
72 30.6 18.5 27.7#

Manual Integrations

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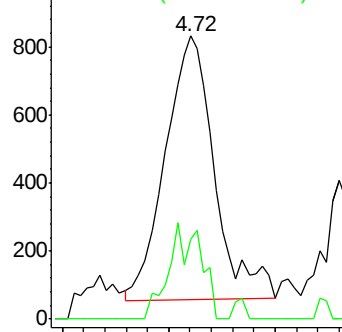
MMDadoda

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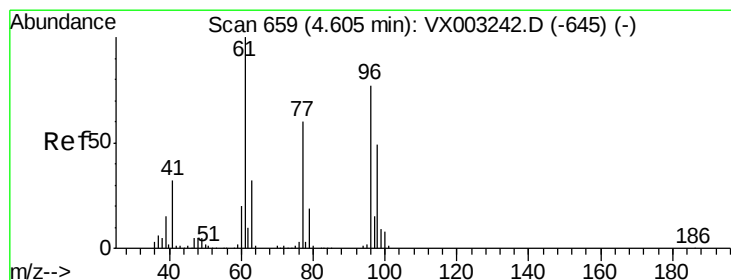
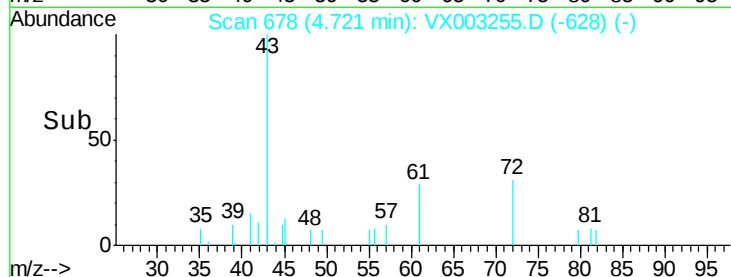


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

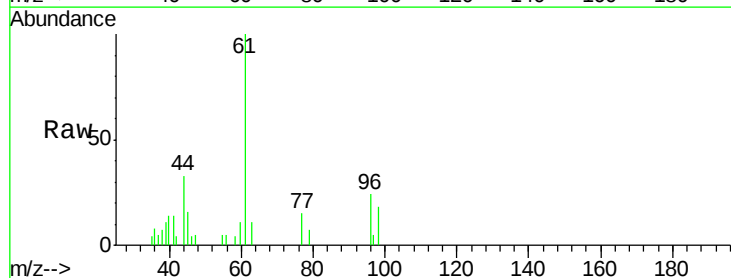
Tgt Ion: 96 Resp: 1013

Ion Ratio Lower Upper

96 100

61 0.0 0.0 330.2

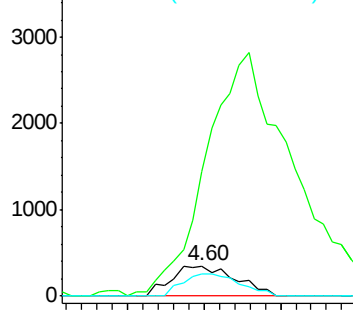
98 66.2 0.0 130.2



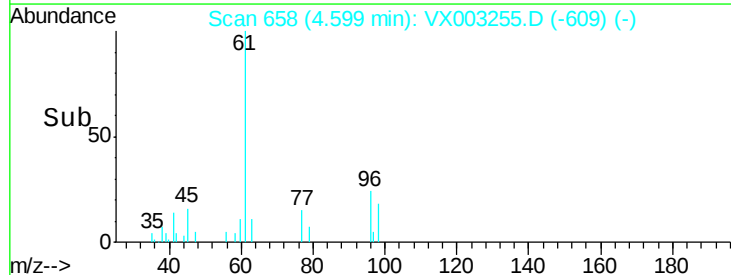
Abundance Ion 95.90 (95.60 to 96.60): VX0

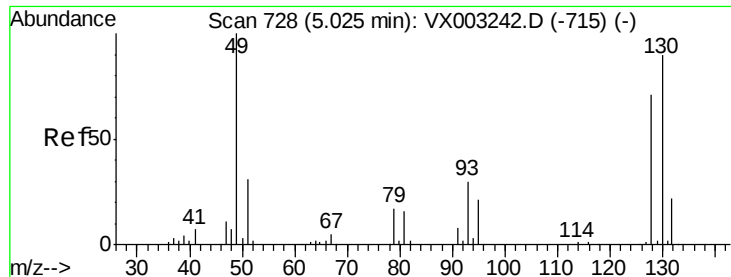
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->





#28

Bromochloromethane

Concen: 0.33 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

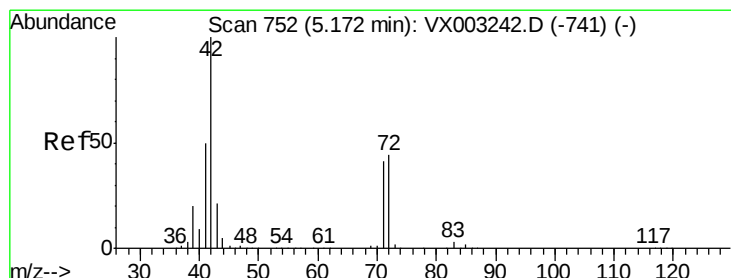
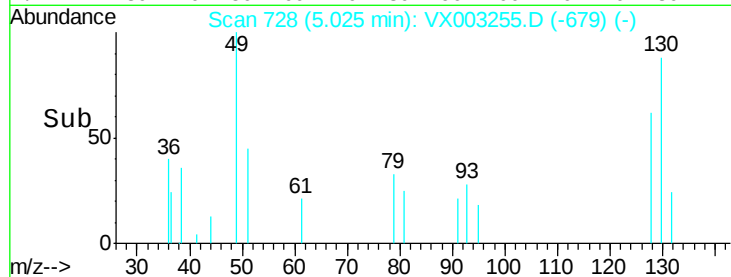
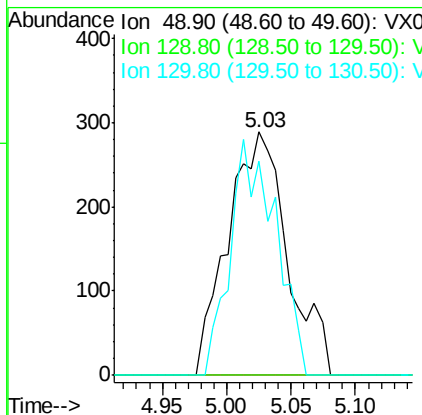
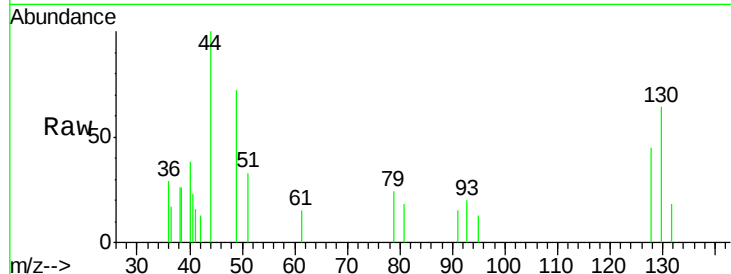
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	49	Resp:	929
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	73.8	61.2	91.8

Manual Integrations
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#29

Tetrahydrofuran

Concen: 1.55 ug/l

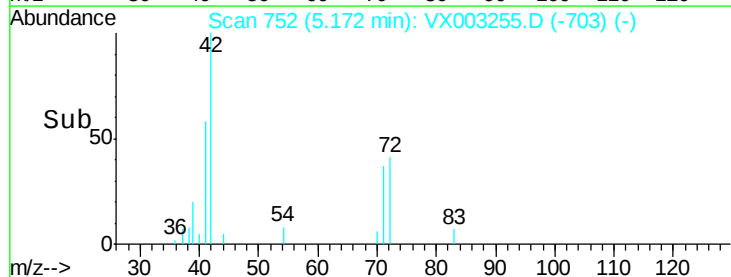
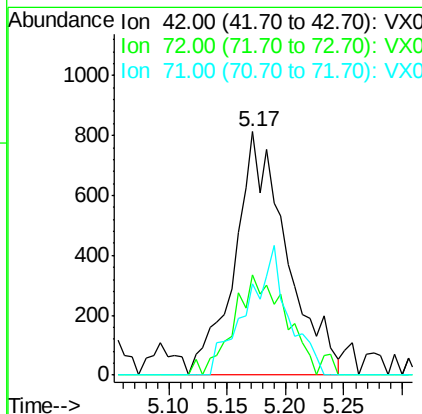
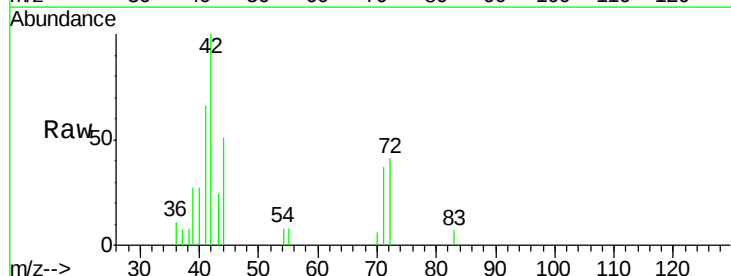
RT: 5.17 min Scan# 752

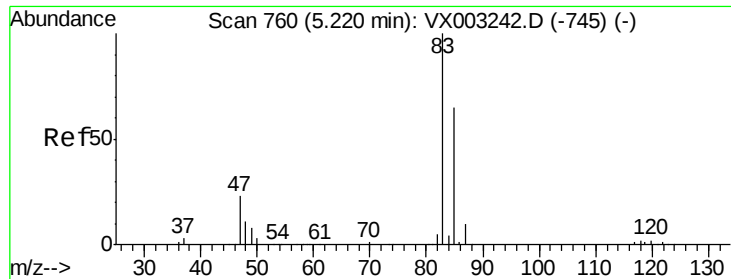
Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Tgt Ion:	42	Resp:	2523
Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.0	48.0
71	42.6	30.1	45.1





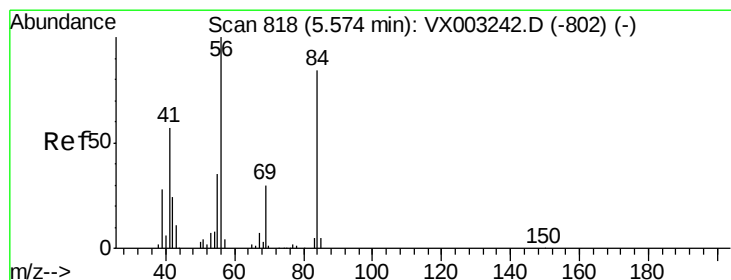
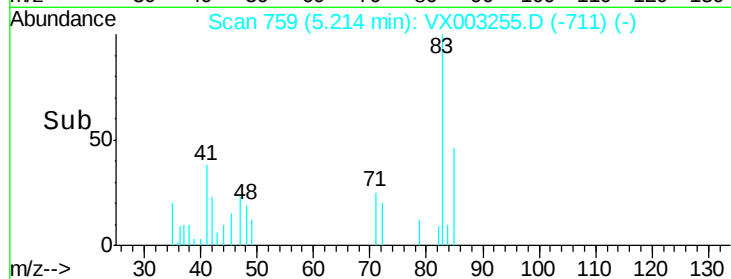
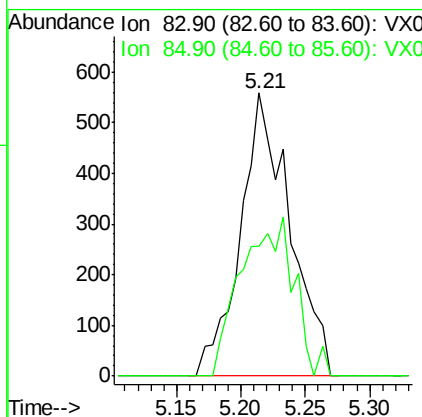
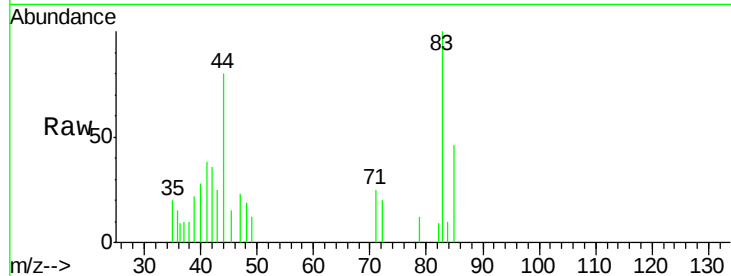
#30
Chloroform
Concen: 0.24 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 83 Resp: 1485
Ion Ratio Lower Upper
83 100
85 45.7 50.4 75.6#

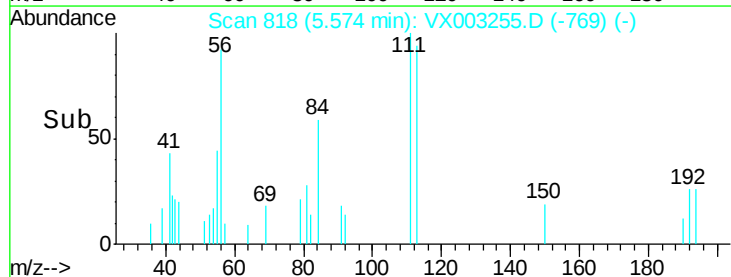
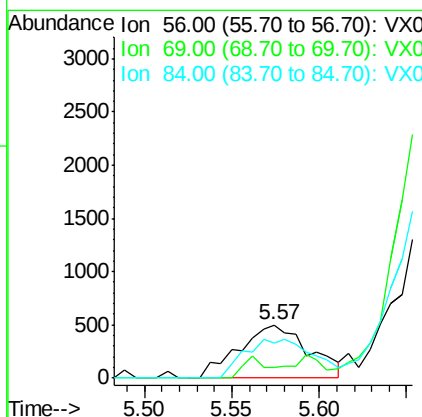
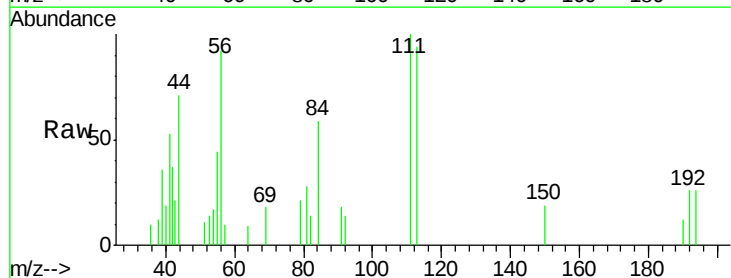
Manual Integrations
APPROVED

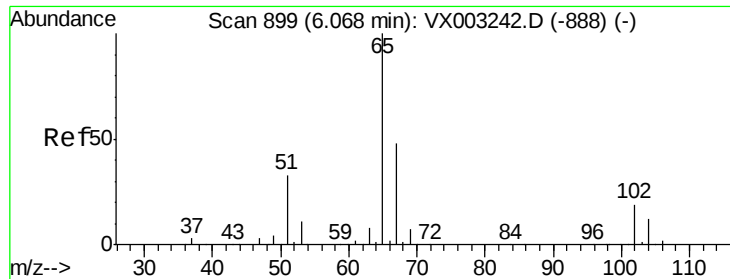
MMDadoda
7/10/2018 3:11:51 PM



#31
Cyclohexane
Concen: 0.26 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 56 Resp: 1387
Ion Ratio Lower Upper
56 100
69 19.2 23.7 35.5#
84 64.9 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 49.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 65 Resp: 197786

Ion Ratio Lower Upper

65 100

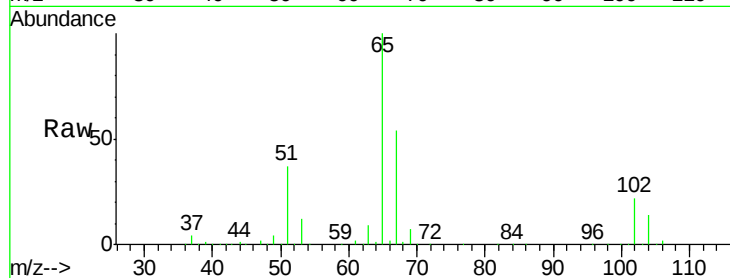
67 52.4 0.0 102.6

Manual Integrations

APPROVED

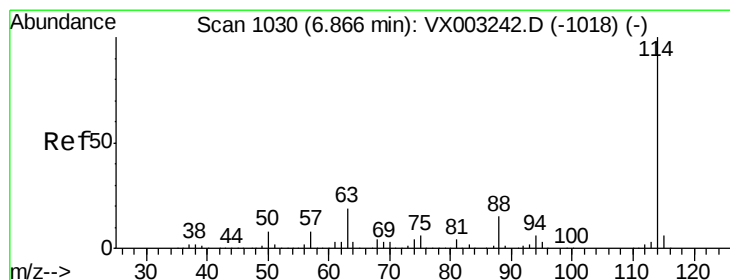
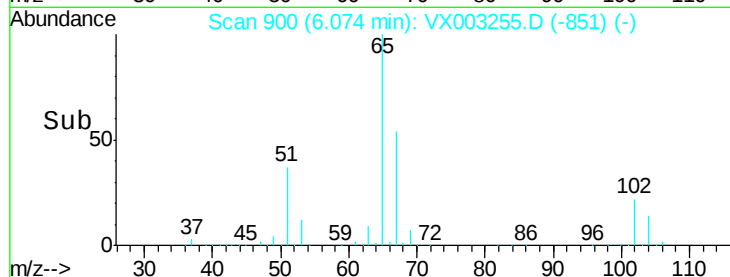
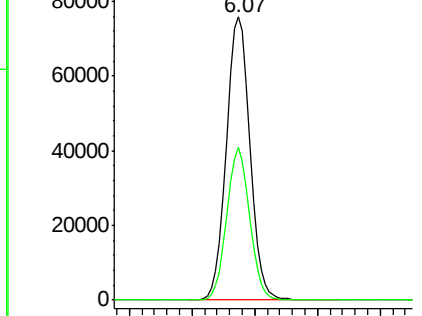
MMDadoda

7/10/2018 3:11:51 PM



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: VX003255.D

Acq: 09 Jul 2018 20:31

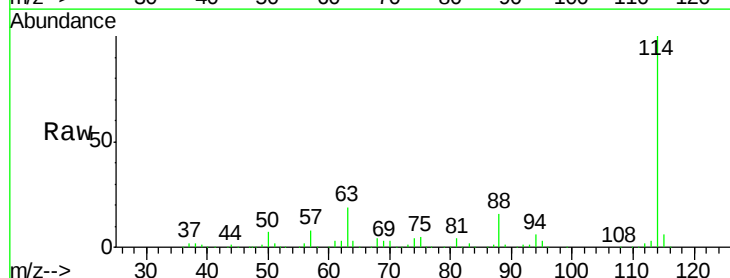
Tgt Ion: 114 Resp: 326746

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

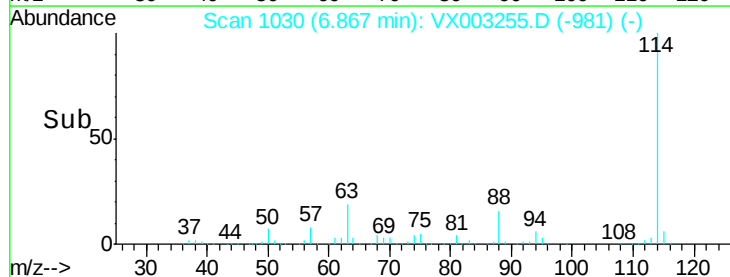
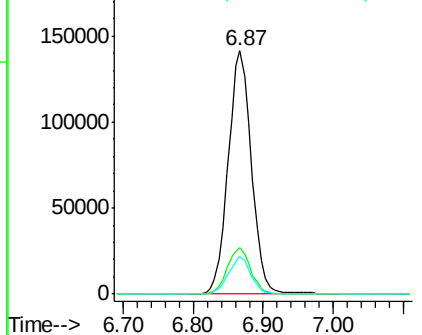
88 15.6 0.0 30.0

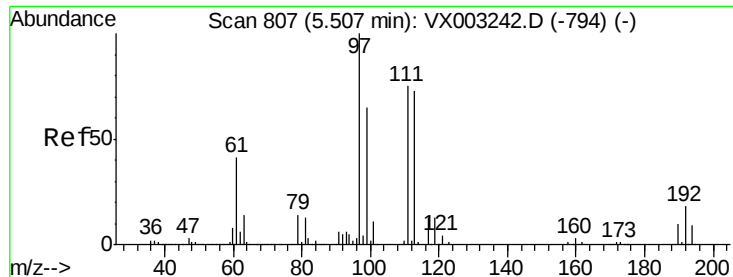


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





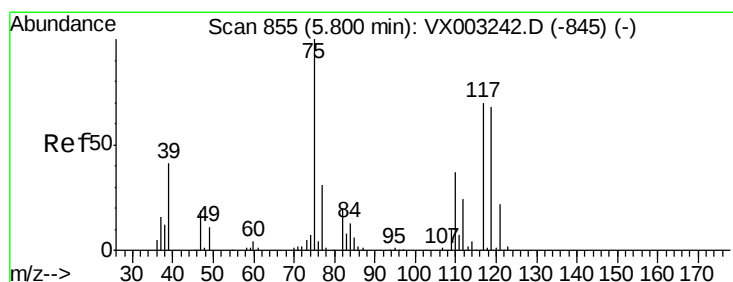
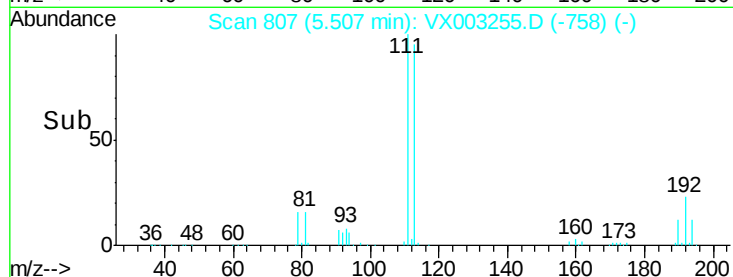
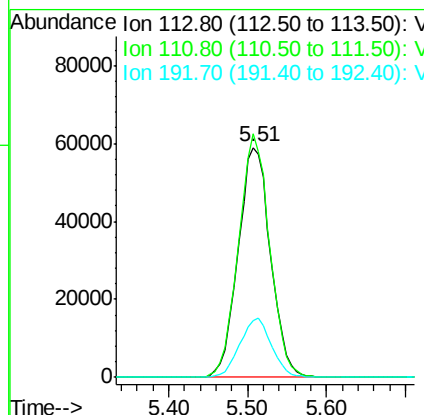
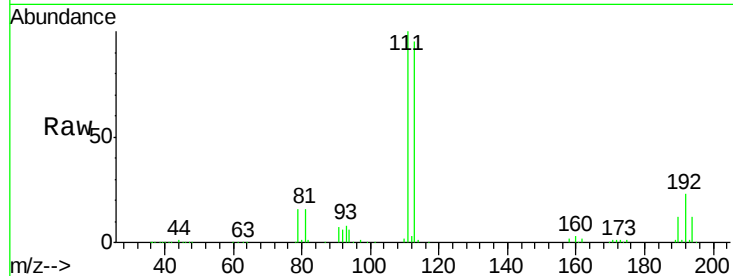
#35
Dibromofluoromethane
Concen: 47.98 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168418		
111	102.1	81.4	122.0	
192	25.4	19.1	28.7	

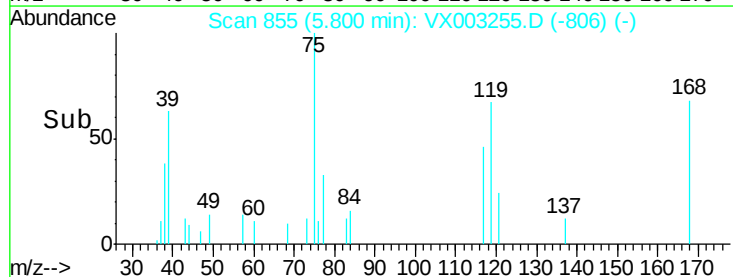
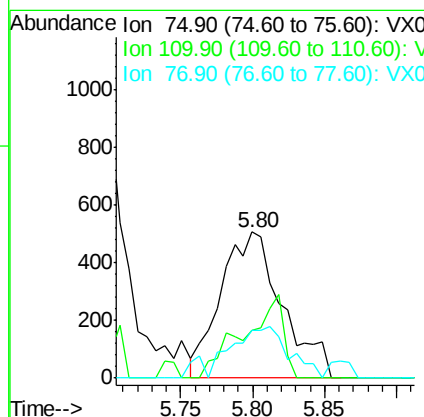
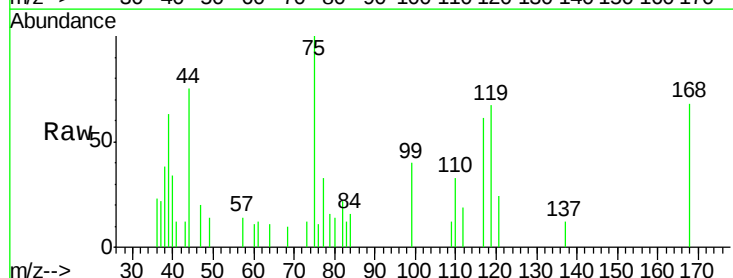
Manual Integrations
APPROVED

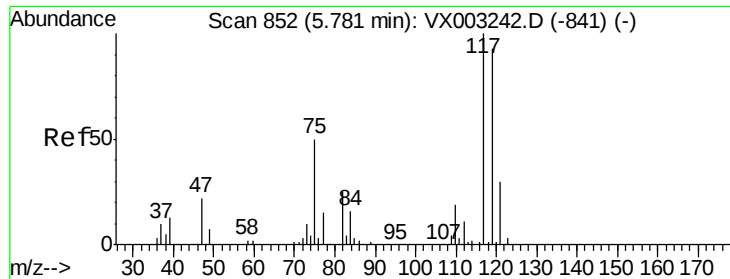
MMDadoda
7/10/2018 3:11:51 PM



#36
1,1-Dichloropropene
Concen: 0.33 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1504		
110	36.7	18.1	54.4	
77	32.6	24.3	36.5	





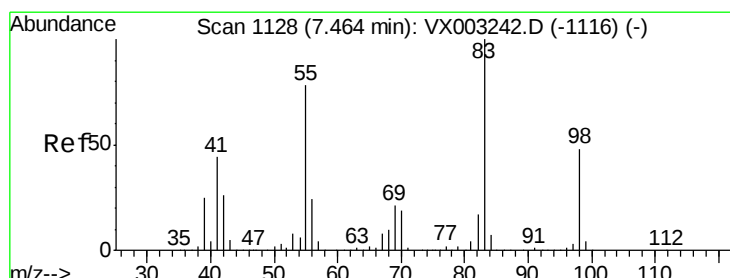
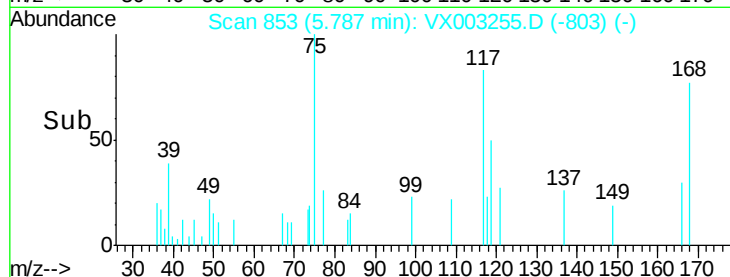
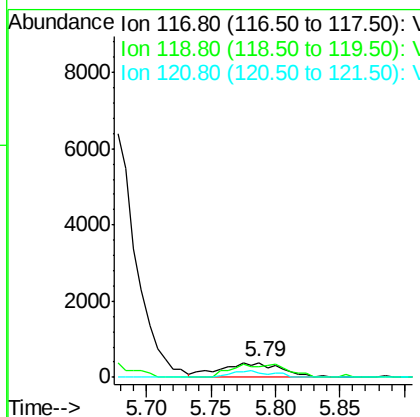
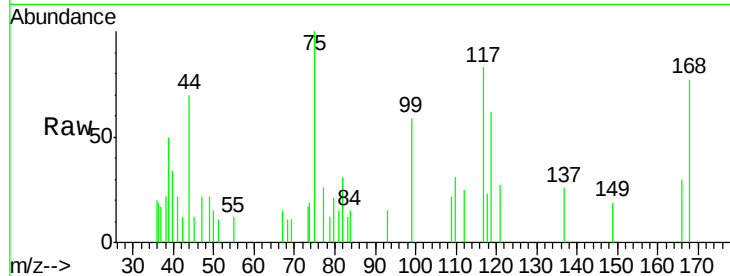
#38
Carbon Tetrachloride
Concen: 0.25 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:117 Resp: 1255
Ion Ratio Lower Upper
117 100
119 75.0 77.4 116.0#
121 32.6 24.4 36.6

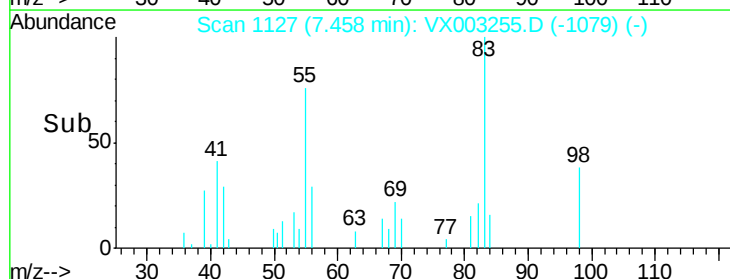
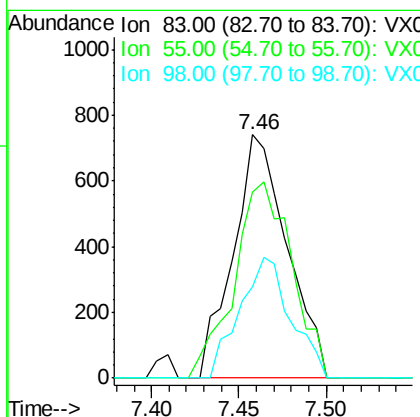
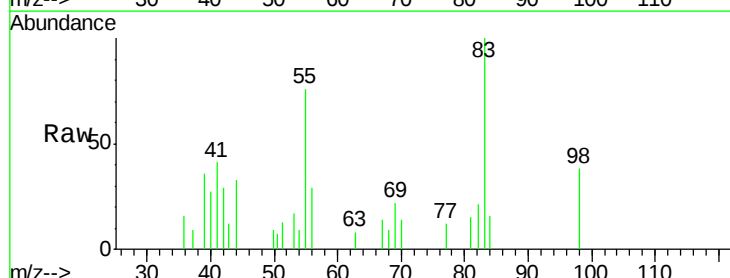
Manual Integrations
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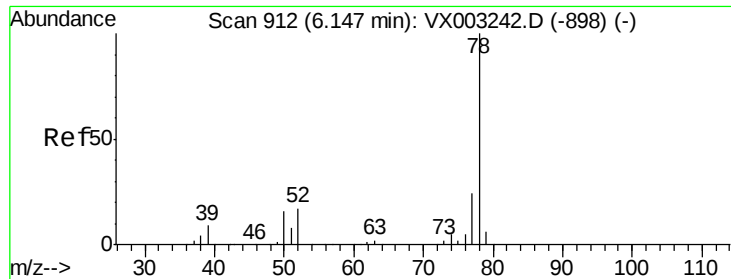
MMDadoda
7/10/2018 3:11:51 PM



#39
Methylcyclohexane
Concen: 0.29 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 83 Resp: 1593
Ion Ratio Lower Upper
83 100
55 76.4 65.4 98.0
98 37.7 37.4 56.0





#40

Benzene

Concen: 0.22 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 78 Resp: 2961

Ion Ratio Lower Upper

78 100

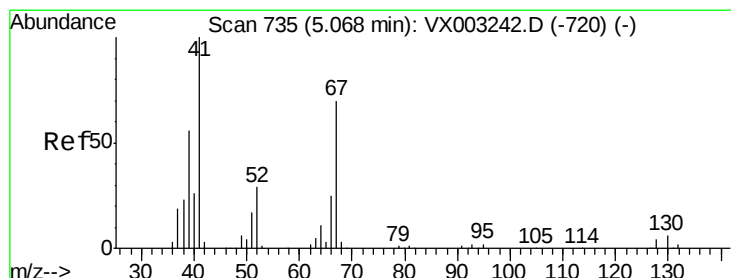
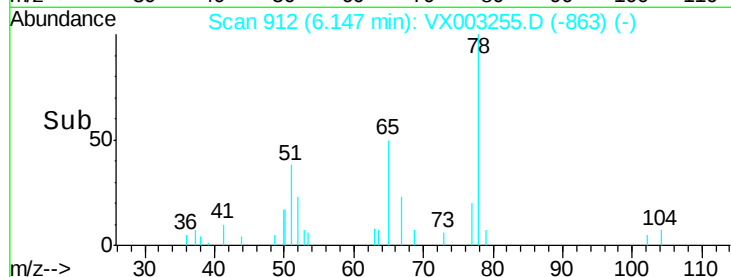
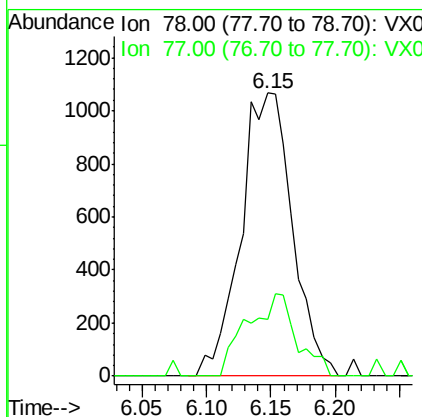
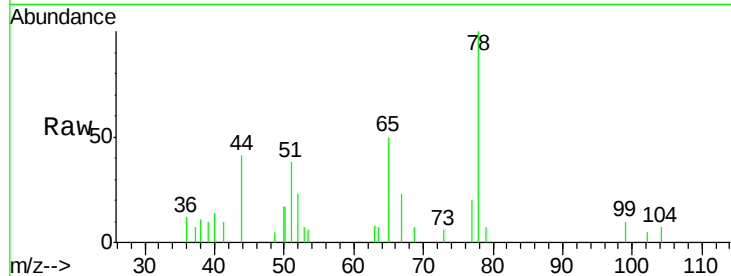
77 20.0 19.1 28.7

Manual Integrations

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MMDadoda

7/10/2018 3:11:51 PM



#41

Methacrylonitrile

Concen: 0.21 ug/l m

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Tgt Ion: 41 Resp: 588

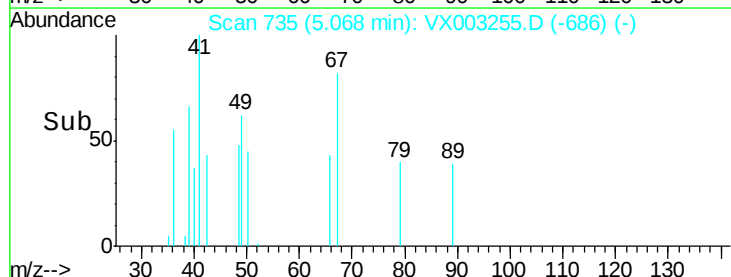
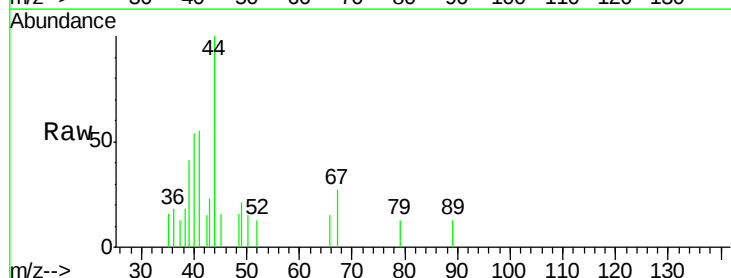
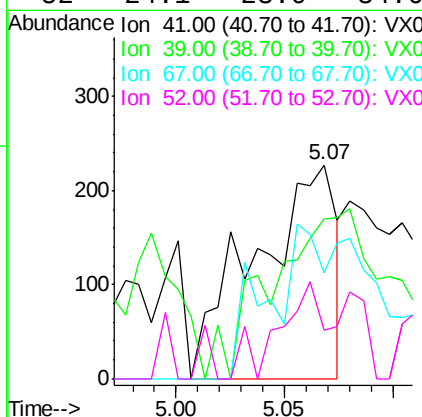
Ion Ratio Lower Upper

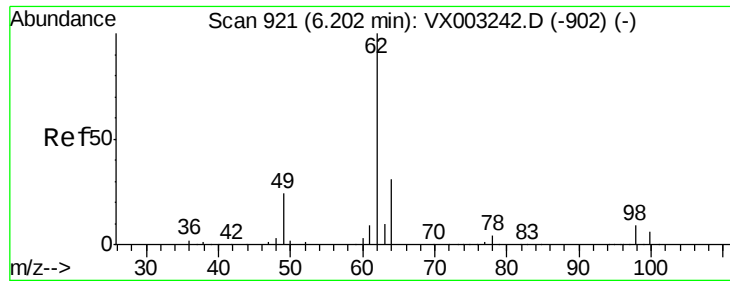
41 100

39 0.0 45.8 68.6#

67 16.0 51.3 76.9#

52 24.1 23.0 34.6





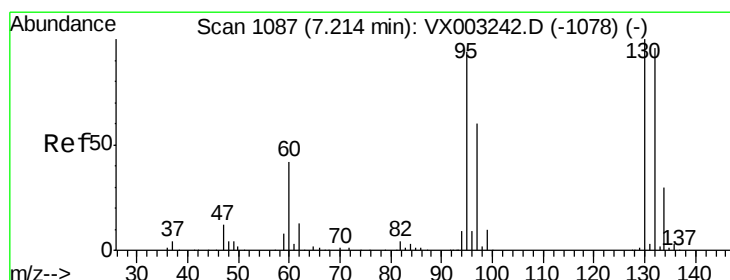
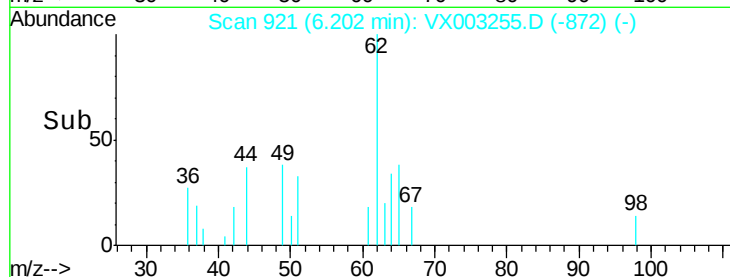
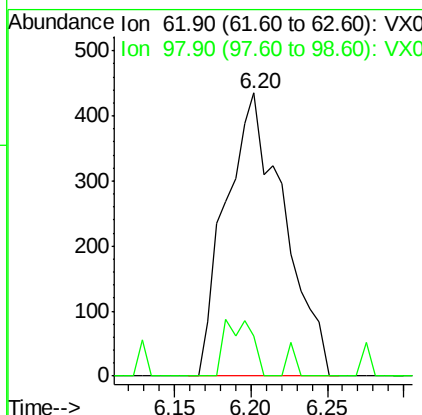
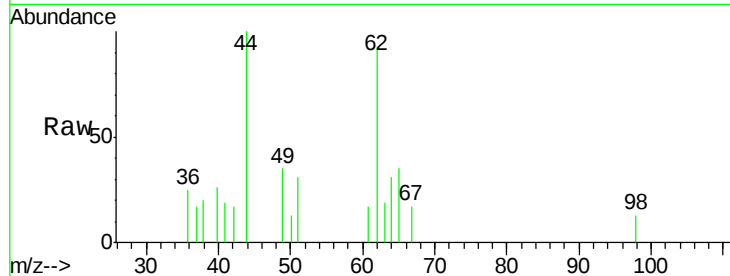
#42
1,2-Dichloroethane
Concen: 0.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
62	100	1151		
98	9.4	0.0	16.6	

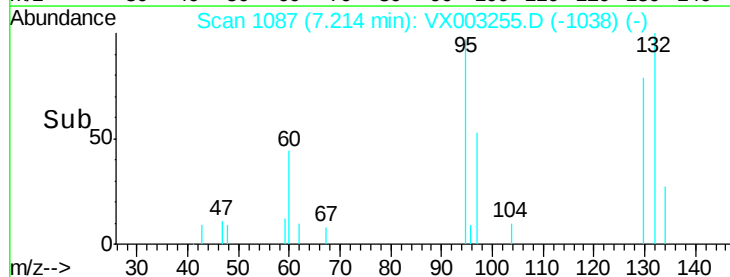
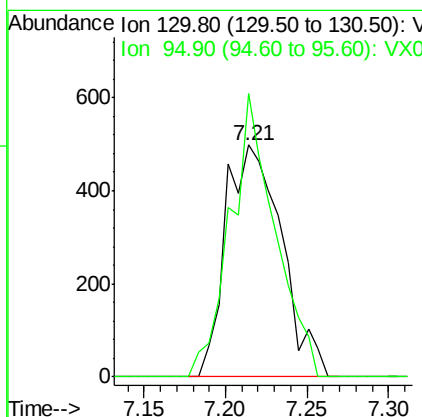
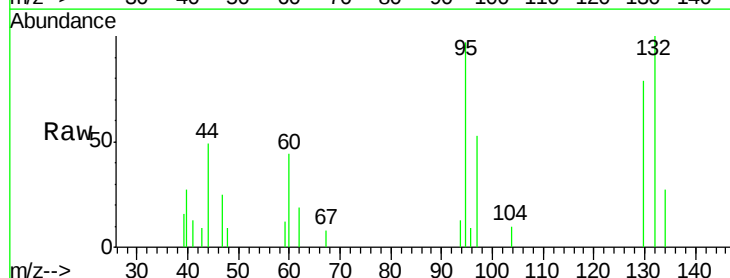
Manual Integrations
APPROVED

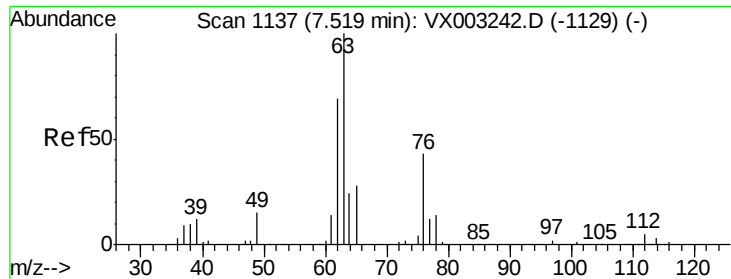
MMDadoda
7/10/2018 3:11:51 PM



#44
Trichloroethene
Concen: 0.29 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1190		
95	121.8	0.0	185.4	





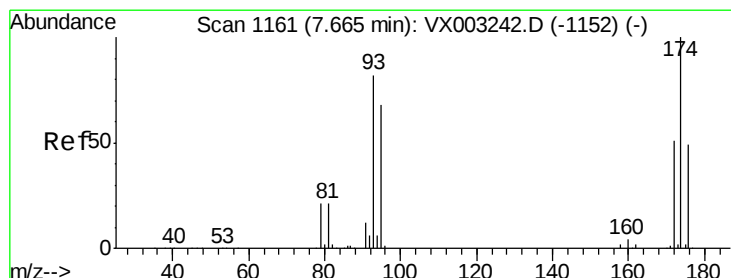
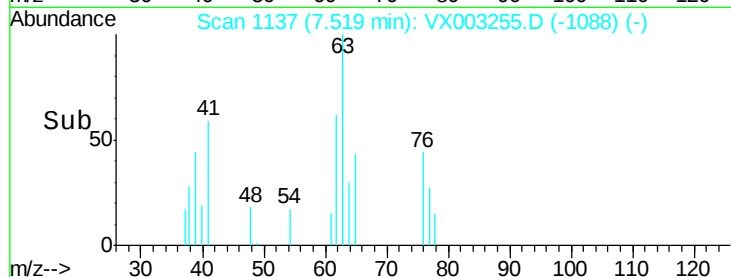
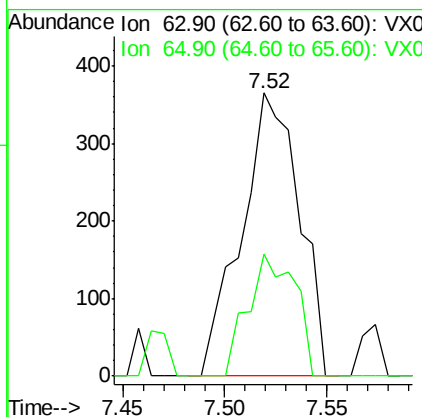
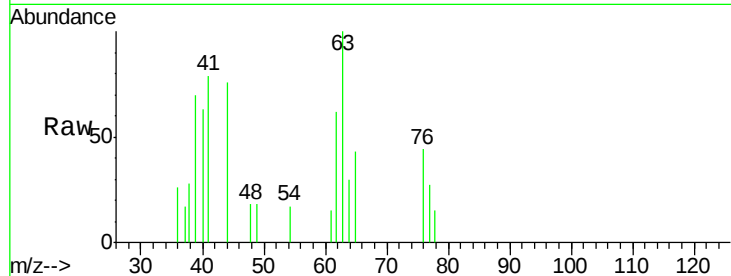
#45
 1,2-Dichloropropane
 Concen: 0.20 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion: 63 Resp: 723
 Ion Ratio Lower Upper
 63 100
 65 43.3 24.7 37.1#

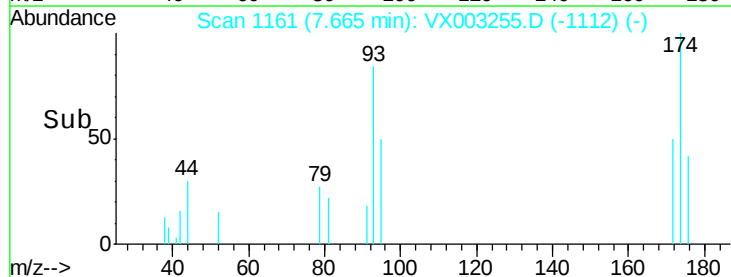
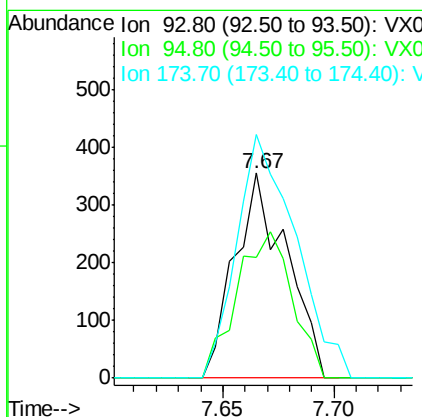
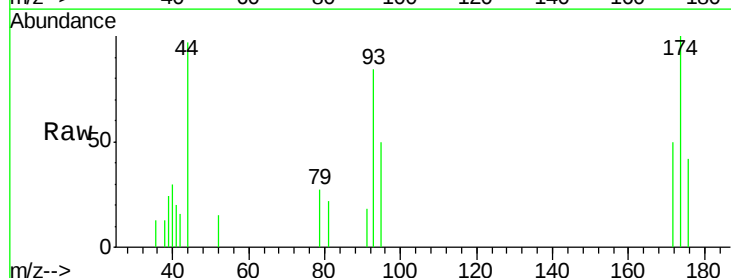
Manual Integrations
 APPROVED

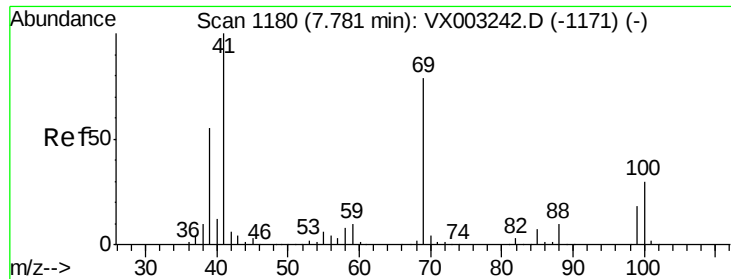
MMDadoda
 7/10/2018 3:11:51 PM



#46
 Dibromomethane
 Concen: 0.24 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion: 93 Resp: 576
 Ion Ratio Lower Upper
 93 100
 95 76.2 65.9 98.9
 174 135.1 92.4 138.6





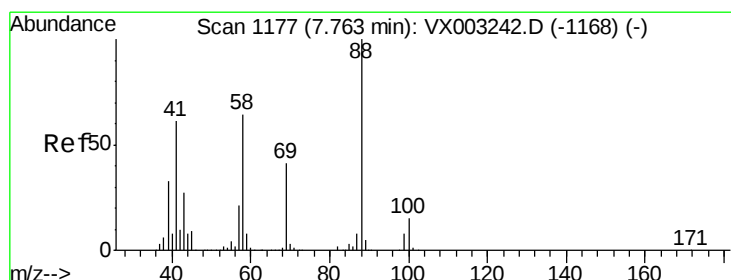
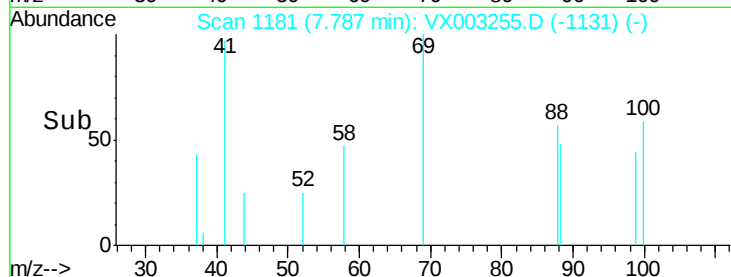
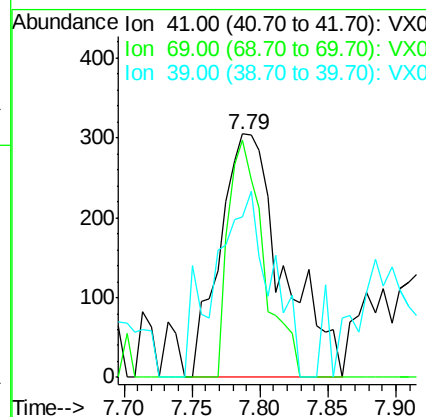
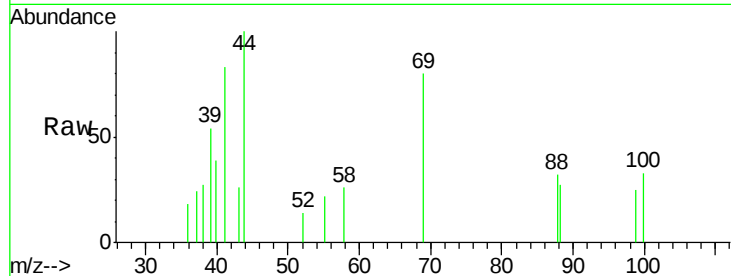
#48
Methyl methacrylate
Concen: 0.24 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
41	100		
69	55.1	59.1	88.7#
39	68.5	48.9	73.3

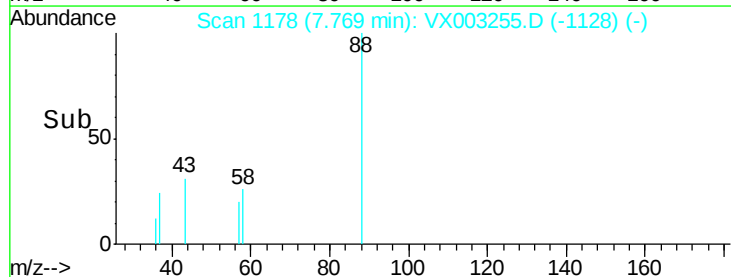
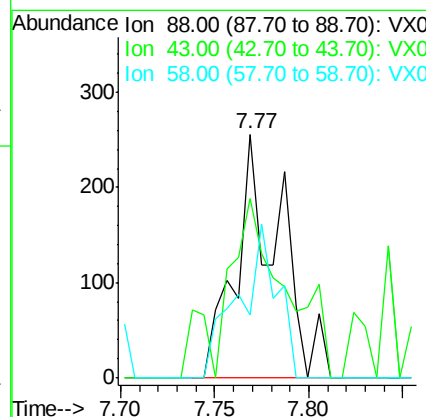
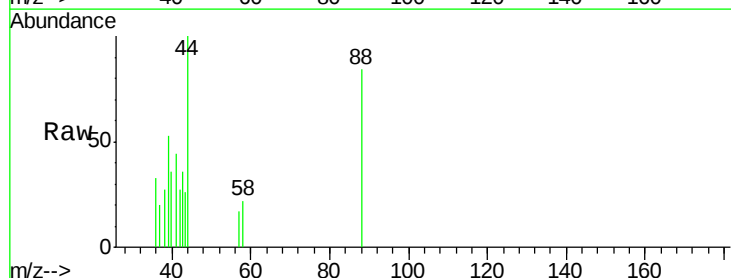
Manual Integrations
APPROVED

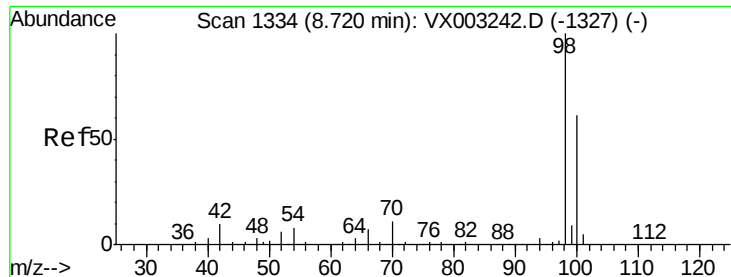
MMDadoda
7/10/2018 3:11:51 PM



#49
1,4-Dioxane
Concen: 4.75 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
88	100		
43	102.7	29.8	44.6#
58	56.7	57.1	85.7#





#50

Toluene-d8

Concen: 47.86 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 98 Resp: 596712

Ion Ratio Lower Upper

98 100

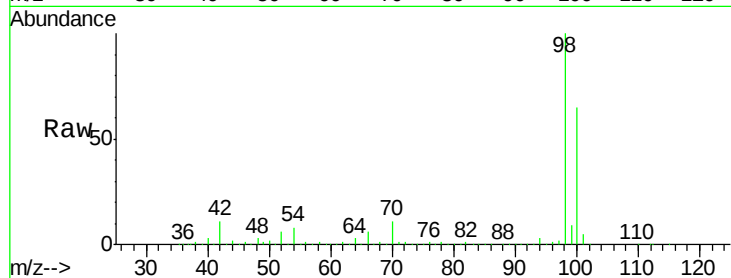
100 63.9 50.9 76.3

Manual Integrations

APPROVED

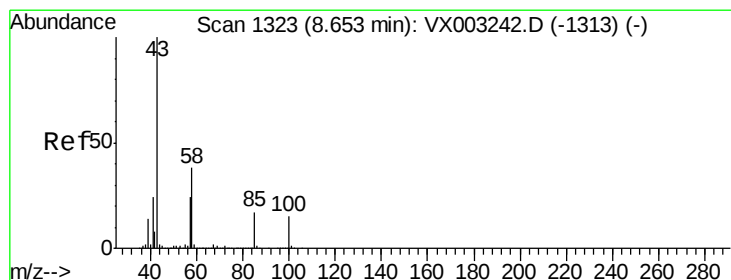
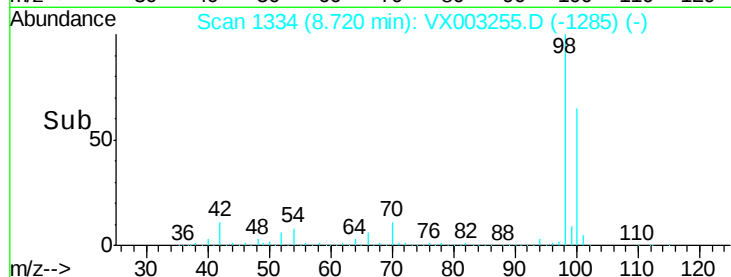
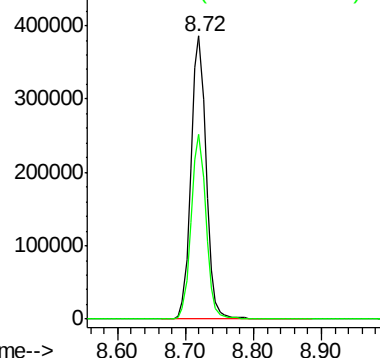
MMDadoda

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.81 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003255.D

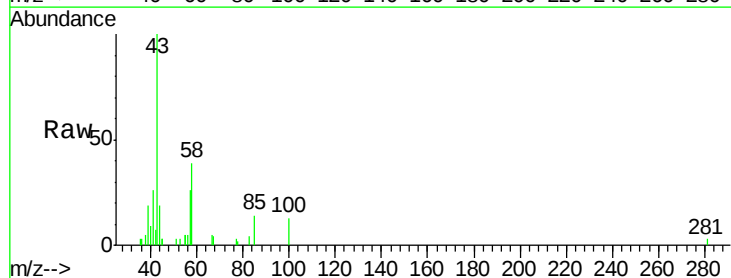
Acq: 09 Jul 2018 20:31

Tgt Ion: 43 Resp: 3995

Ion Ratio Lower Upper

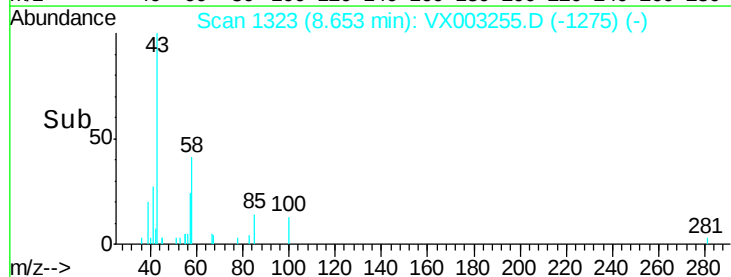
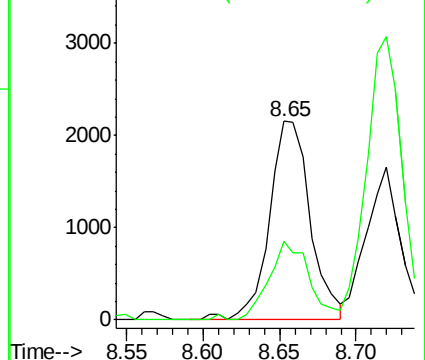
43 100

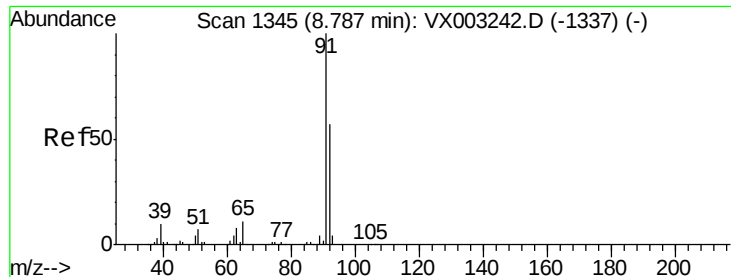
58 39.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 92 Resp: 2172

Ion Ratio Lower Upper

92 100

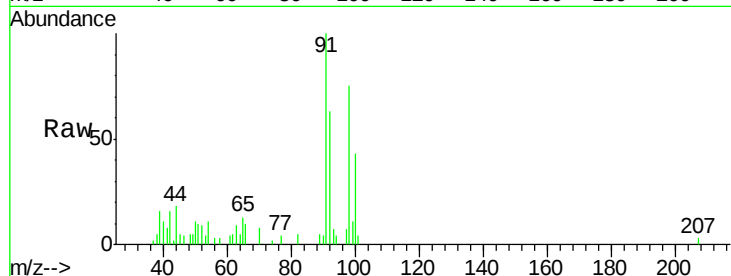
91 166.0 140.4 210.6

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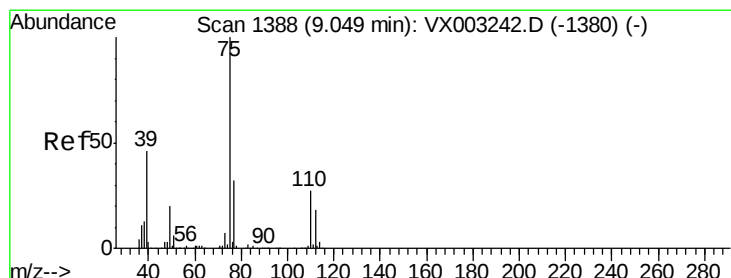
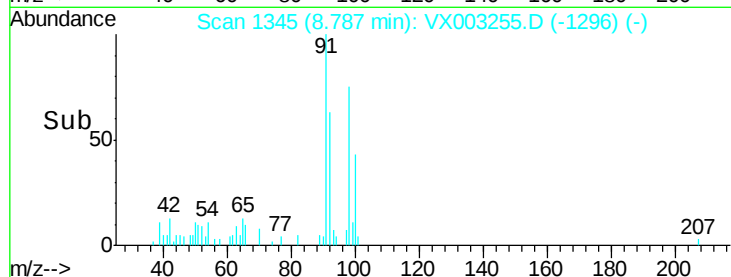
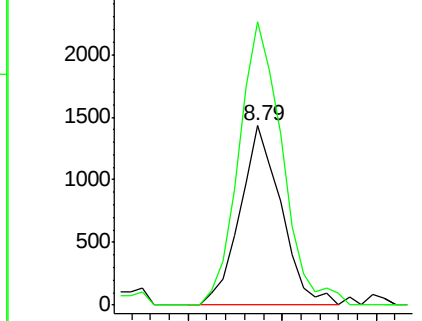
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

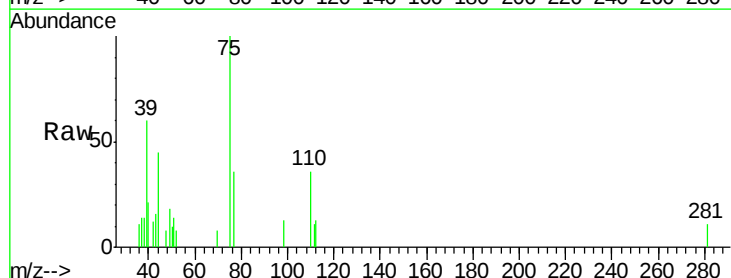
Tgt Ion: 75 Resp: 1006

Ion Ratio Lower Upper

75 100

77 28.4 24.8 37.2

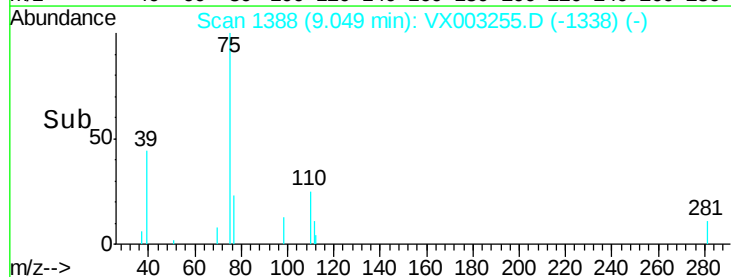
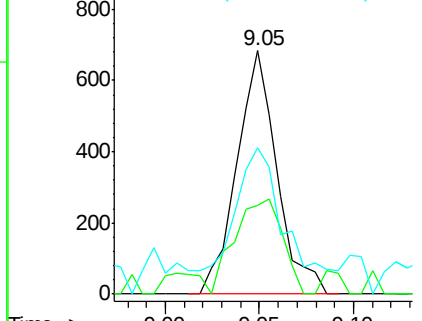
39 50.9 42.4 63.6

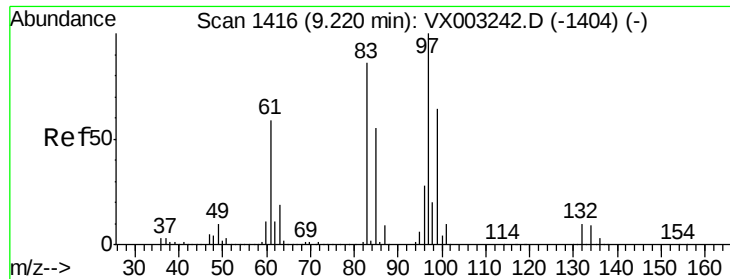


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.20 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 97 Resp: 722

Ion Ratio Lower Upper

97 100

83 55.3 70.2 105.2#

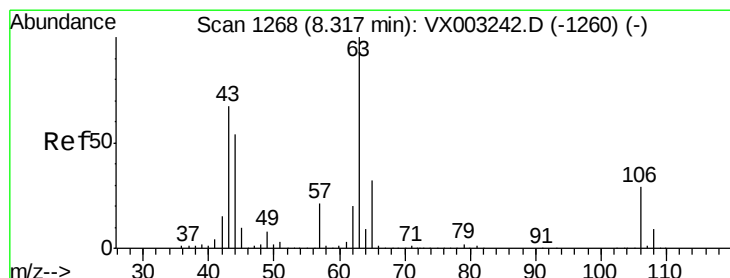
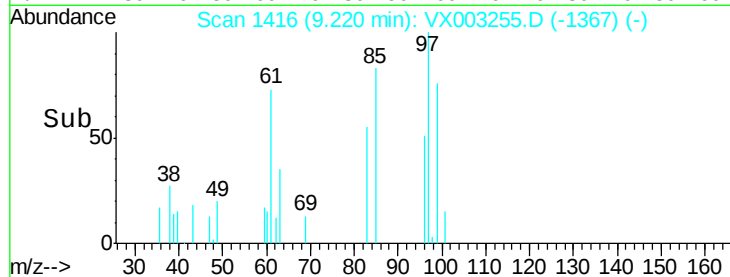
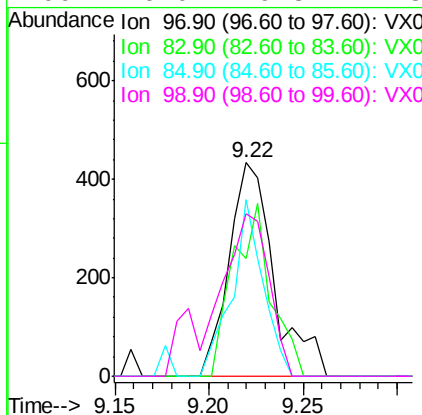
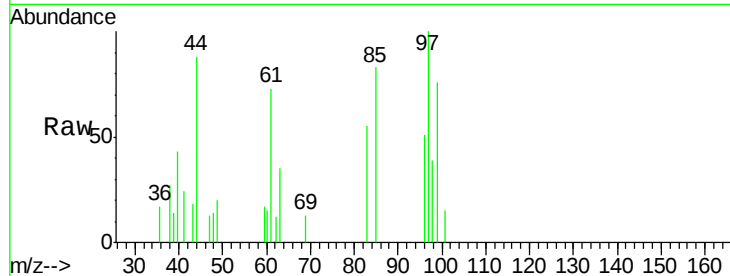
85 82.7 44.9 67.3#

99 76.0 49.8 74.8#

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#58

2-Chloroethyl Vinyl ether

Concen: 0.80 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003255.D

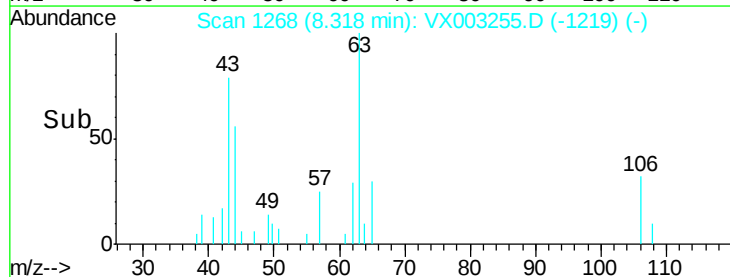
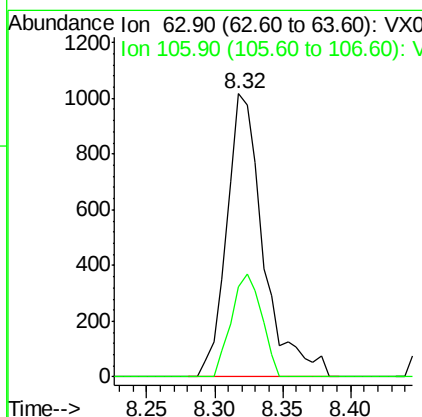
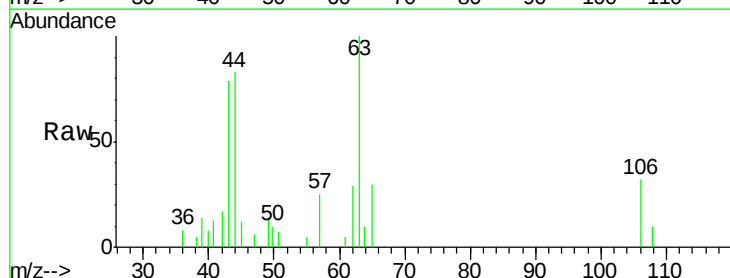
Acq: 09 Jul 2018 20:31

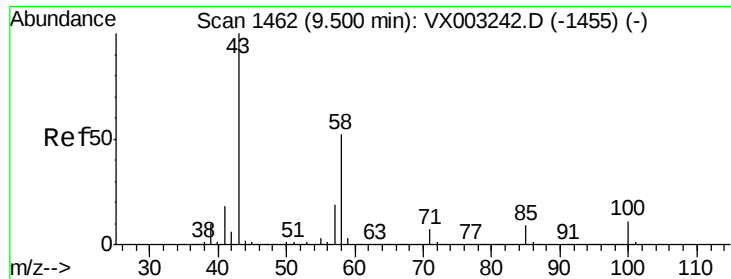
Tgt Ion: 63 Resp: 1907

Ion Ratio Lower Upper

63 100

106 29.9 21.8 32.8





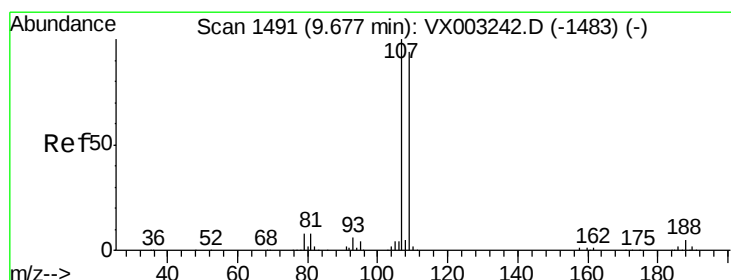
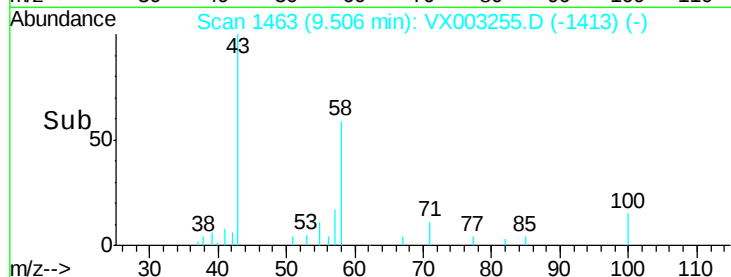
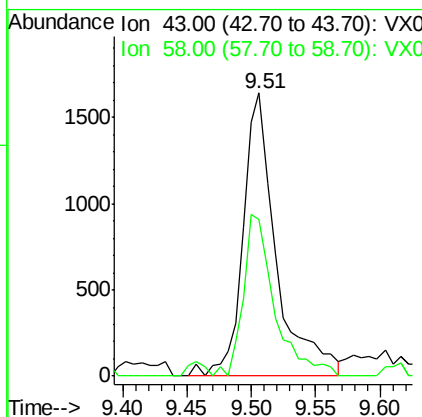
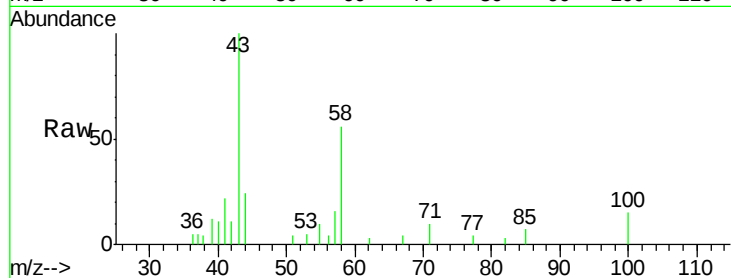
#59
2-Hexanone
Concen: 0.78 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
58 53.7 24.6 73.6

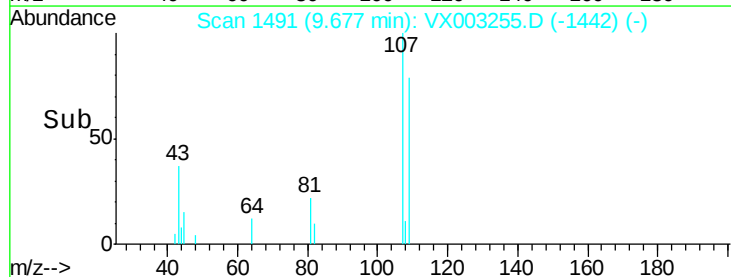
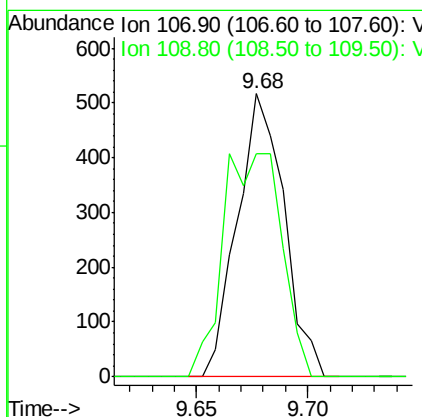
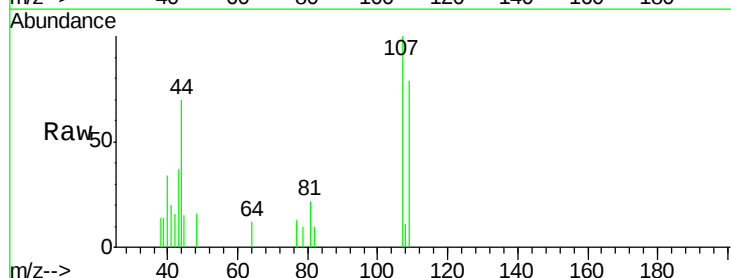
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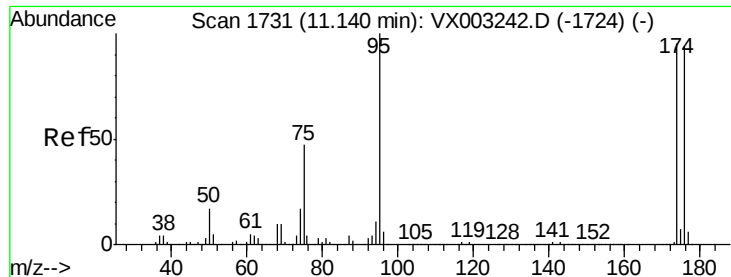
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#61
1,2-Dibromoethane
Concen: 0.20 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 107 Resp: 757
Ion Ratio Lower Upper
107 100
109 98.9 75.3 112.9





#62

4-Bromofluorobenzene

Concen: 44.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

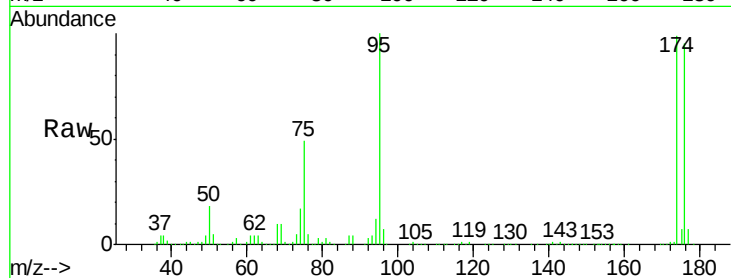
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

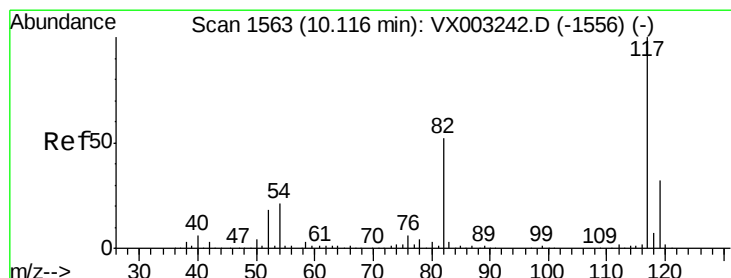
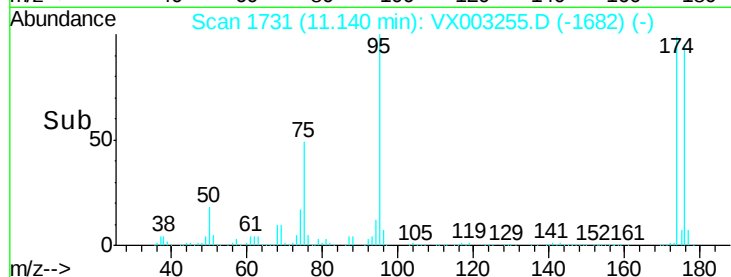
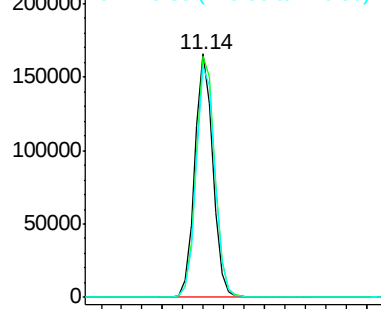
Tot Ion:	95	Resp:	204929
Ion Ratio	Lower	Upper	
95	100		
174	102.0	0.0	187.4
176	97.7	0.0	181.0

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Abundance Ion 94.90 (94.60 to 95.60): VX003242.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

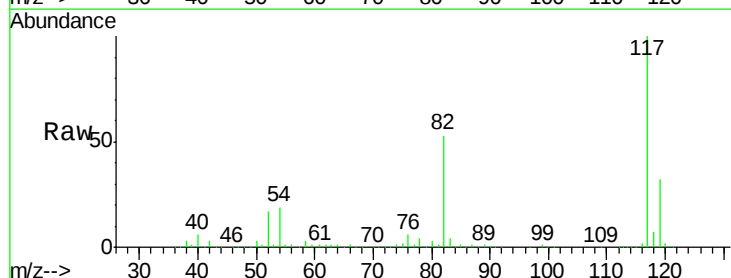
RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

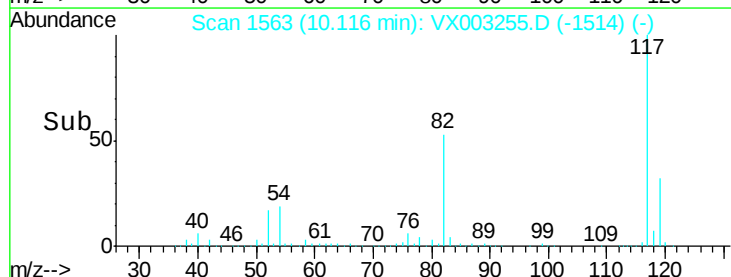
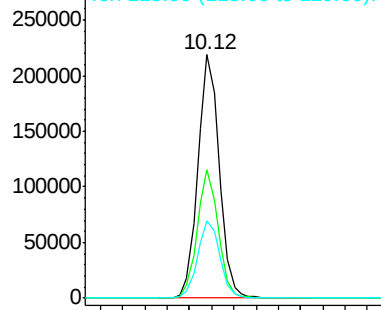
Lab File: VX003255.D

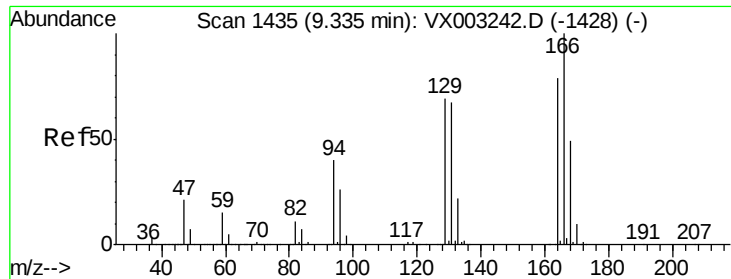
Acq: 09 Jul 2018 20:31

Tgt Ion:	117	Resp:	291821
Ion Ratio	Lower	Upper	
117	100		
82	52.8	45.0	67.4
119	31.9	25.8	38.6



Abundance Ion 116.90 (116.60 to 117.60): VX003242.D (-1556) (-)





#64

Tetrachloroethene

Concen: 0.31 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

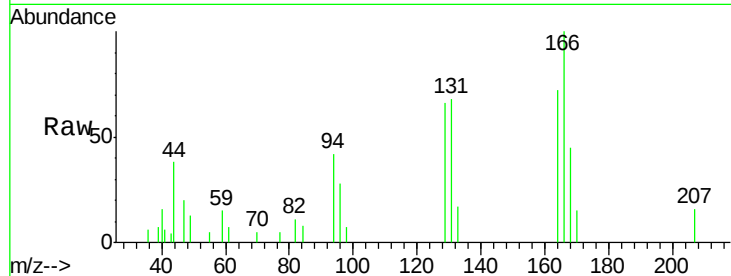
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

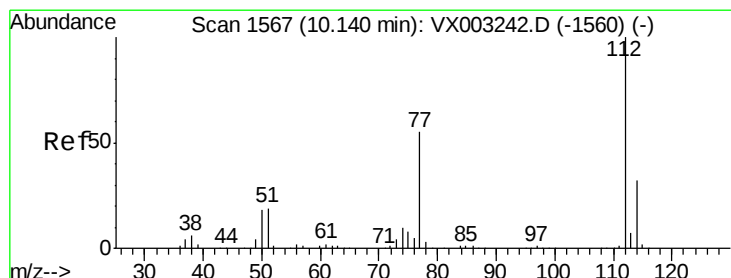
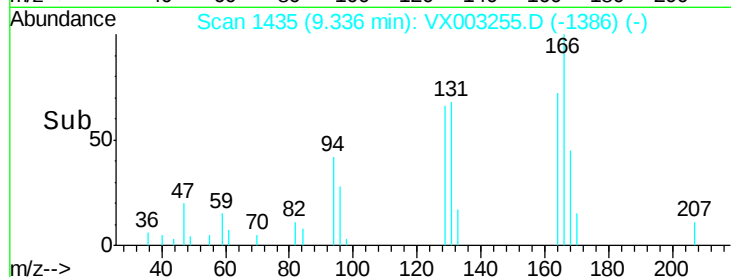
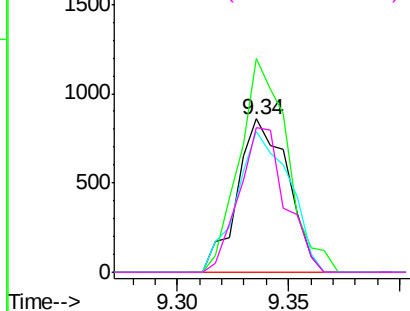
Tot Ion:	164	Resp:	1350
Ion	Ratio	Lower	Upper
164	100		
166	139.2	102.9	154.3
129	91.9	68.6	102.8
131	94.2	66.8	100.2

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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.25 ug/l

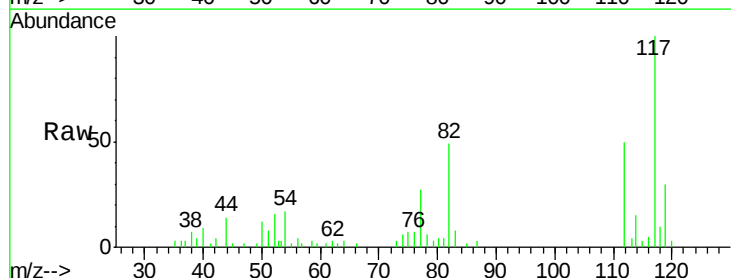
RT: 10.15 min Scan# 1568

Delta R.T. 0.01 min

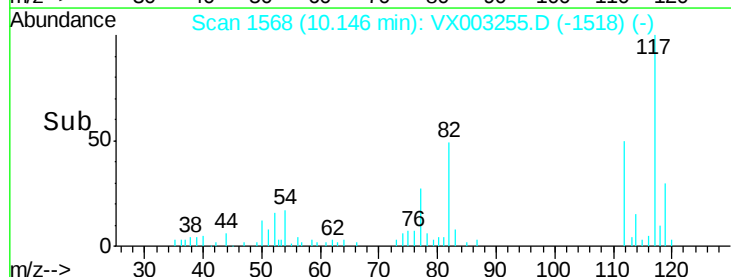
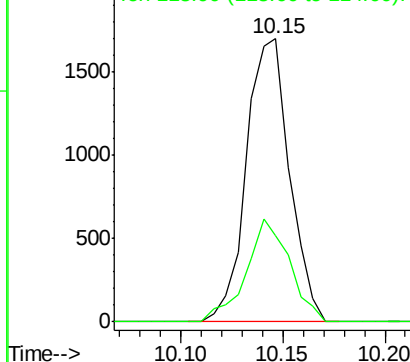
Lab File: VX003255.D

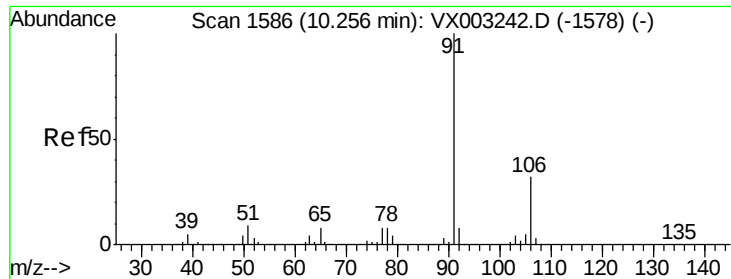
Acq: 09 Jul 2018 20:31

Tgt Ion:	112	Resp:	2504
Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.3	37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





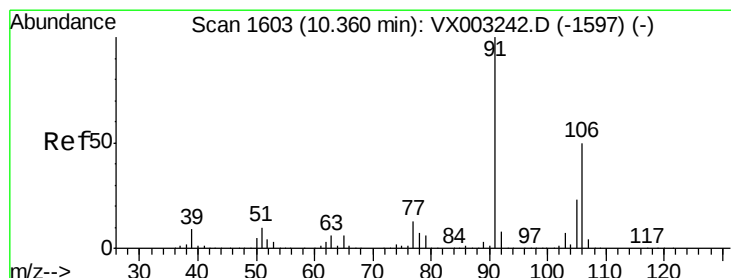
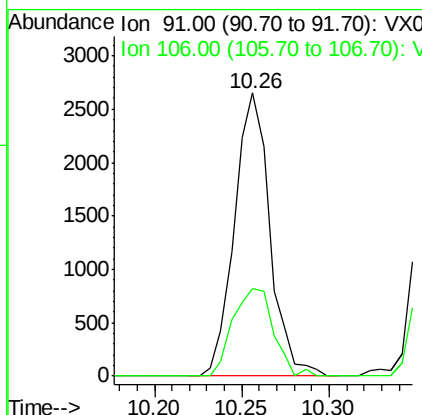
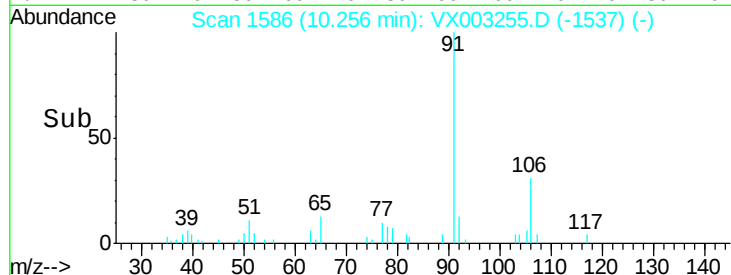
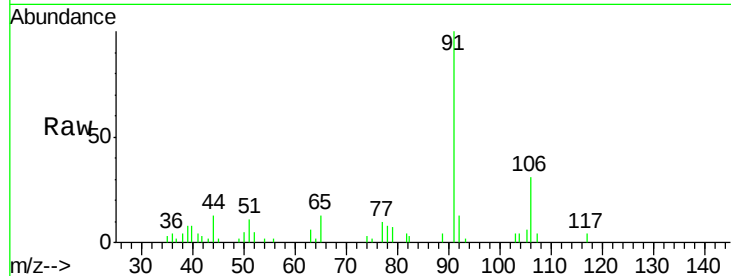
#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 91 Resp: 3746
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

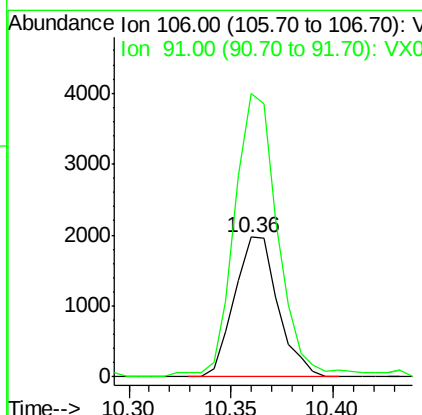
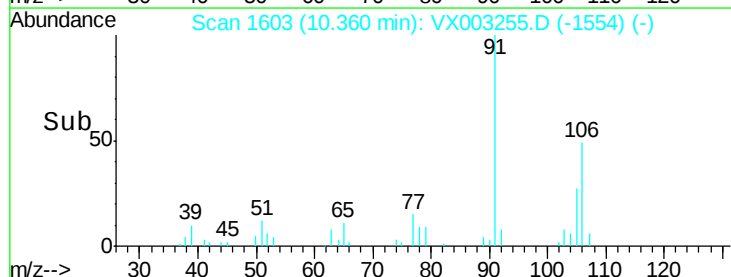
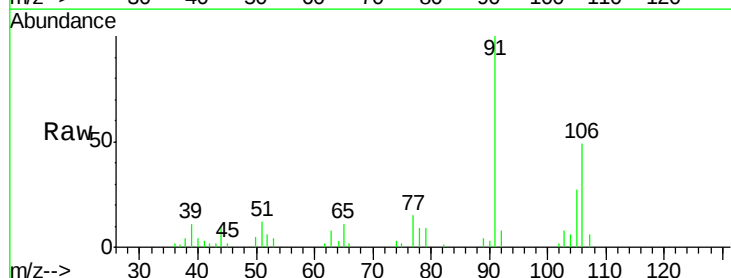
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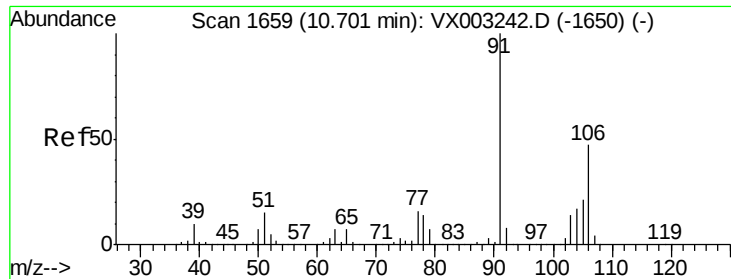
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#68
m/p-Xylenes
Concen: 0.47 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 106 Resp: 2922
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2





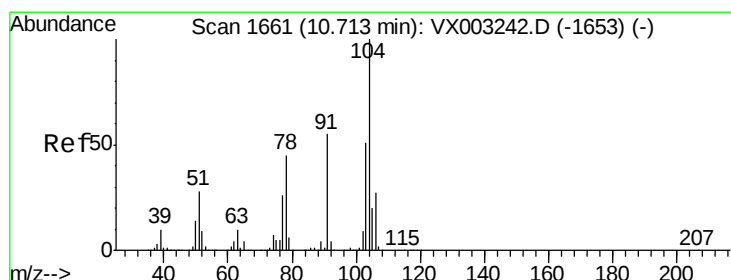
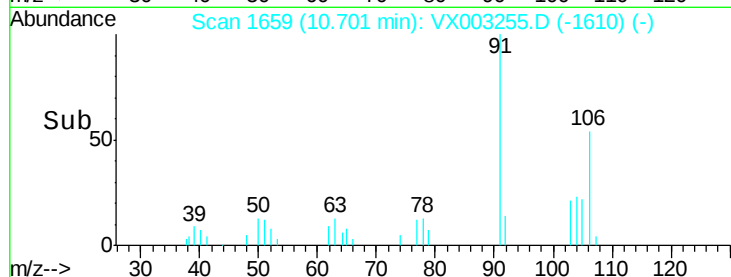
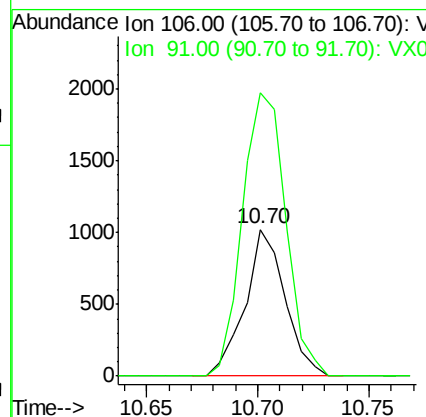
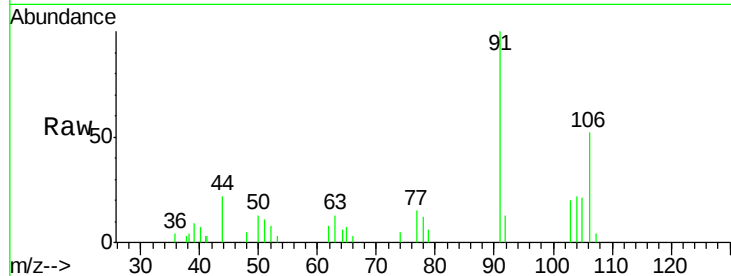
#69
o-Xylene
Concen: 0.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:106 Resp: 1274
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6

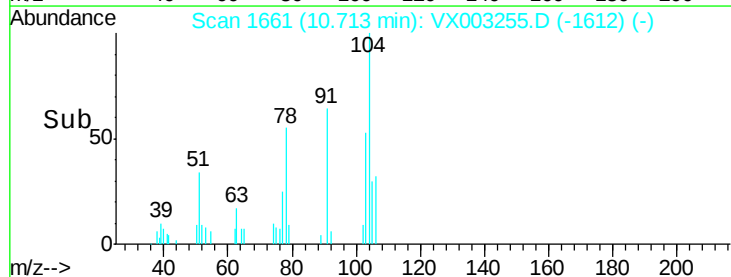
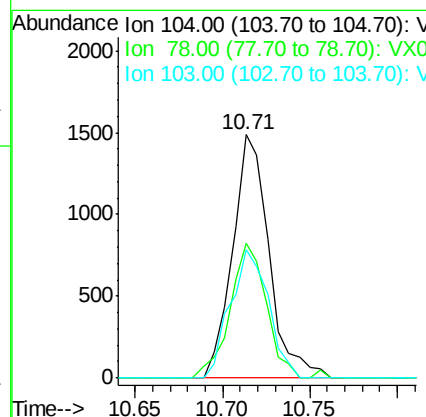
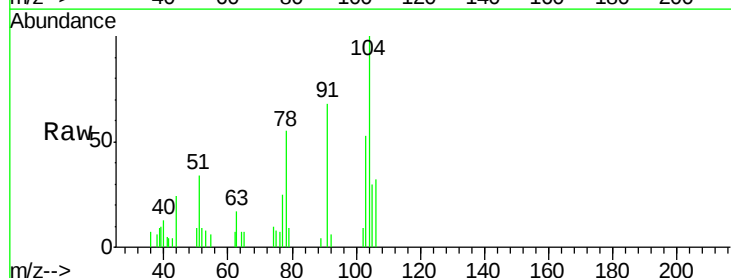
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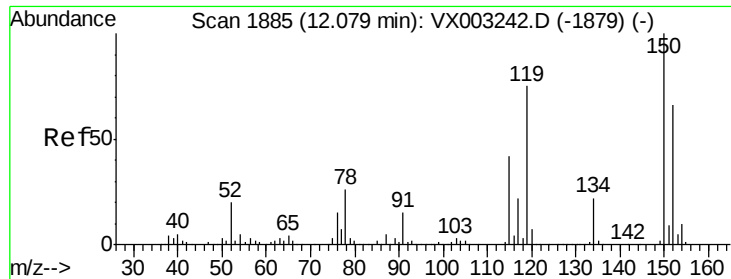
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#70
Styrene
Concen: 0.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion:104 Resp: 2159
Ion Ratio Lower Upper
104 100
78 54.8 41.0 61.6
103 54.9 44.2 66.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

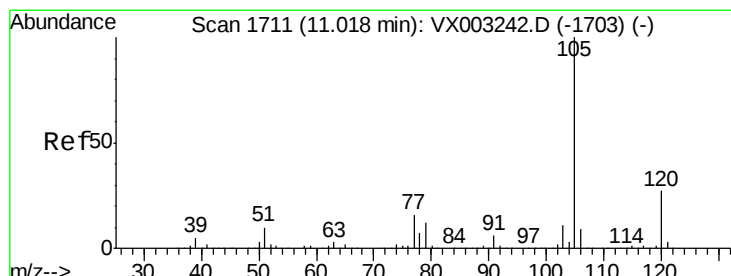
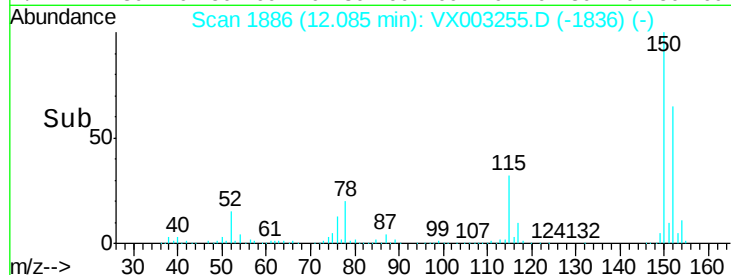
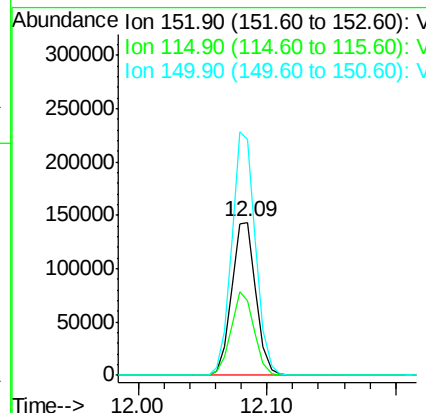
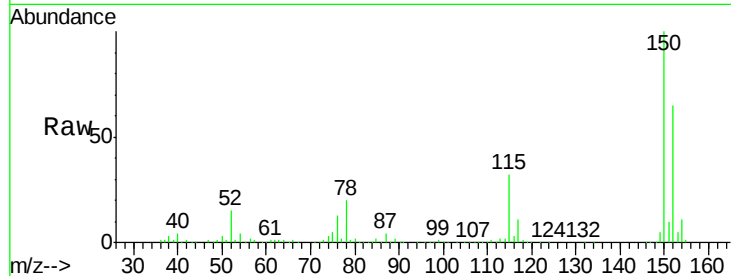
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	152	Resp:	188776
Ion Ratio	Lower	Upper	
152	100		
115	52.6	40.1	120.2
150	156.1	0.0	347.2

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#73

Isopropylbenzene

Concen: 0.24 ug/l

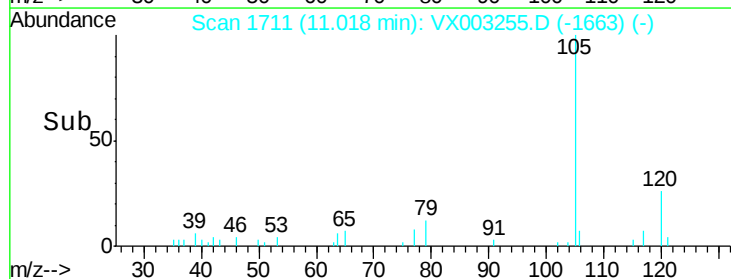
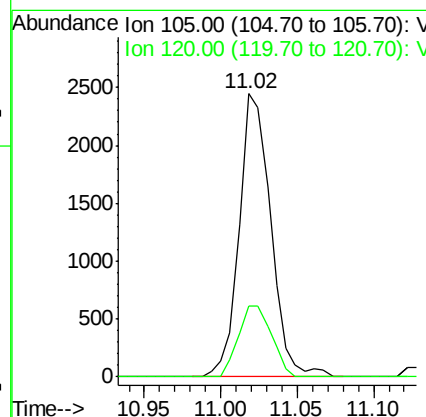
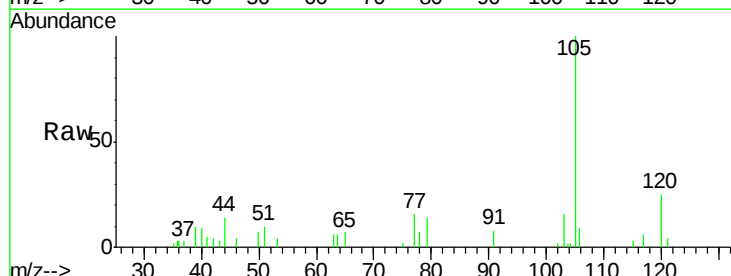
RT: 11.02 min Scan# 1711

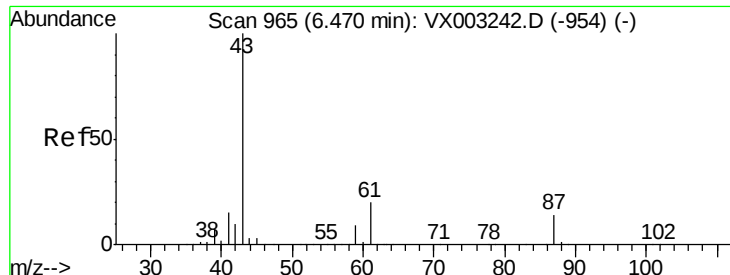
Delta R.T. -0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Tgt Ion:	105	Resp:	3527
Ion Ratio	Lower	Upper	
105	100		
120	26.1	13.5	40.4





#74

N-amvl acetate

Concen: 0.22 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

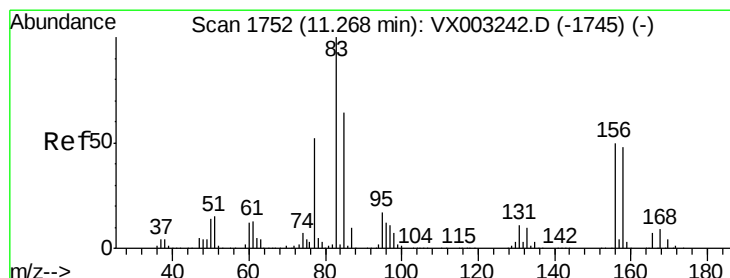
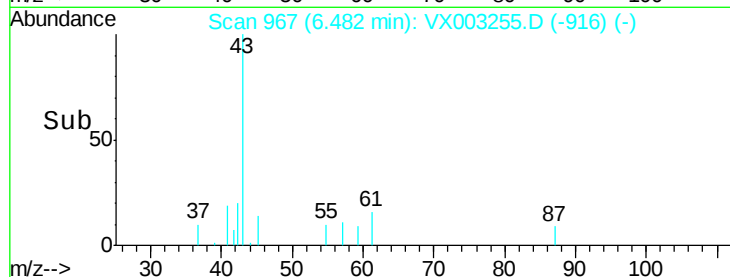
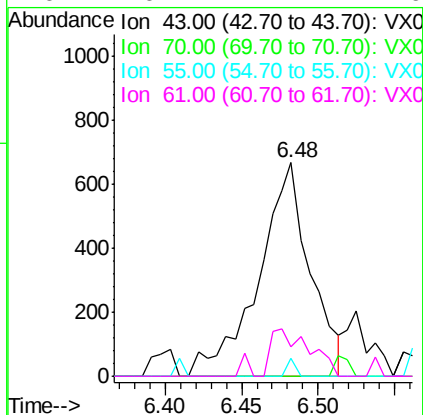
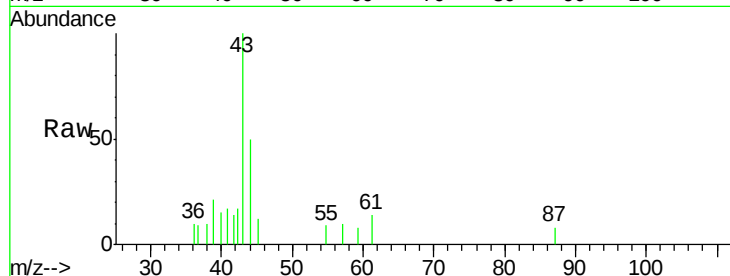
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	43	Resp:	1572
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	1.3	0.0	0.0#
61	16.7	14.4	21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.22 ug/l

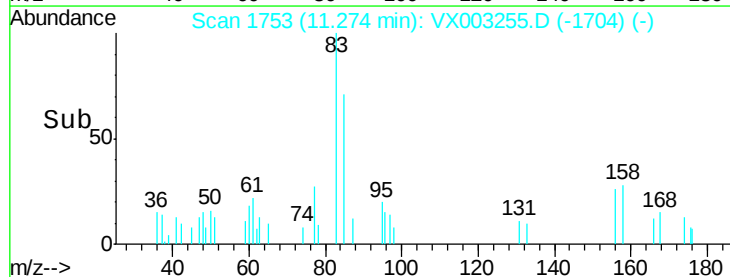
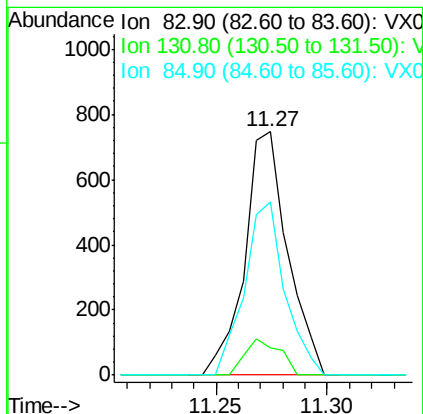
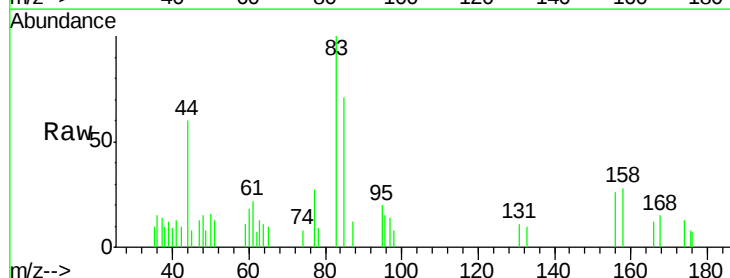
RT: 11.27 min Scan# 1753

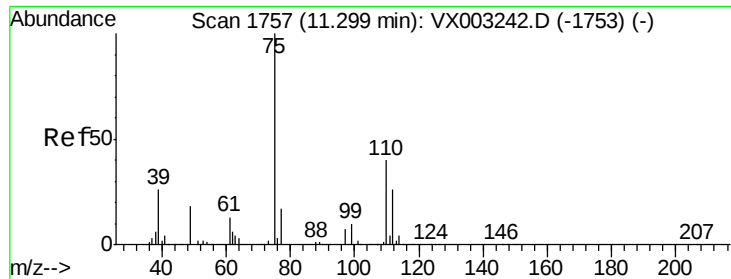
Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Tgt Ion:	83	Resp:	1007
Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.6	16.8
85	66.8	32.4	97.2





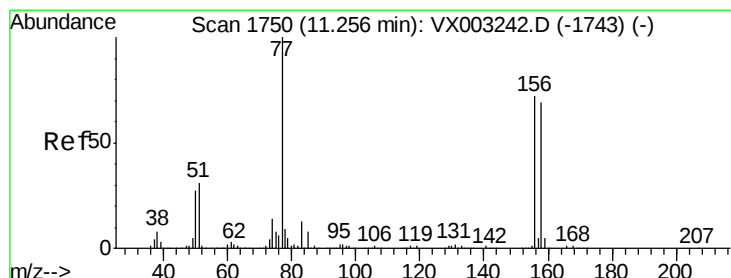
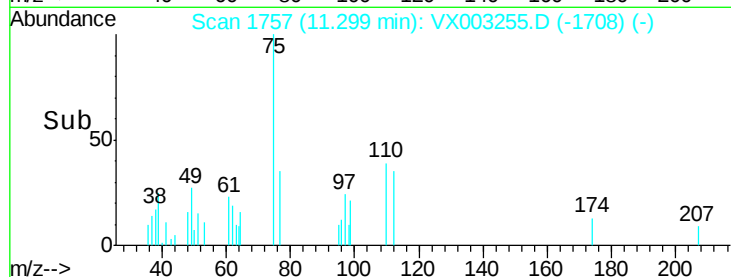
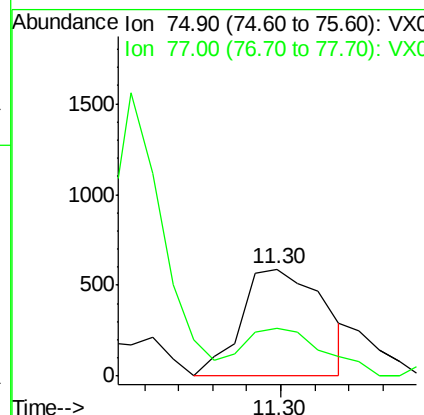
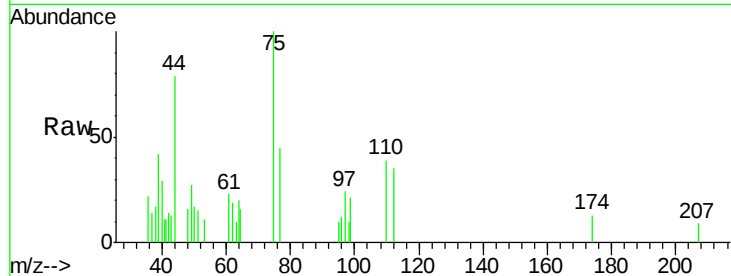
#76
 1,2,3-Trichloropropane
 Concen: 0.24 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion: 75 Resp: 993
 Ion Ratio Lower Upper
 75 100
 77 124.0 22.8 68.3#

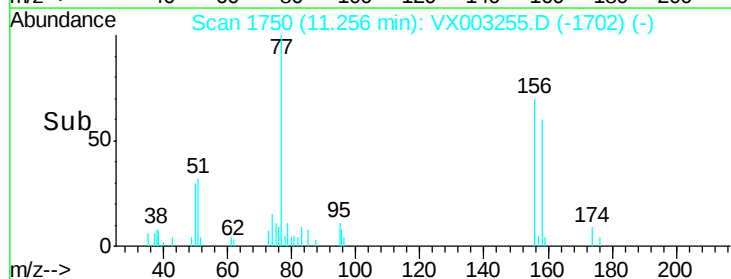
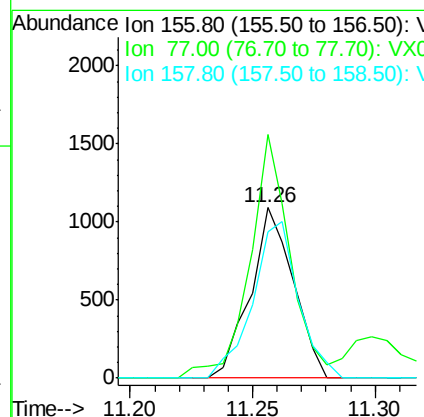
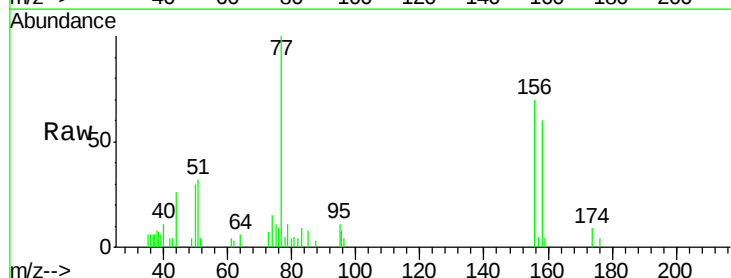
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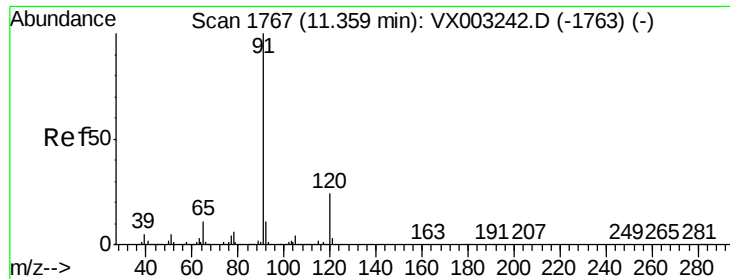
MMDadoda
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#77
 Bromobenzene
 Concen: 0.31 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion: 156 Resp: 1333
 Ion Ratio Lower Upper
 156 100
 77 133.5 71.4 214.2
 158 98.0 48.9 146.6





#78

n-propylbenzene

Concen: 0.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 91 Resp: 5015

Ion Ratio Lower Upper

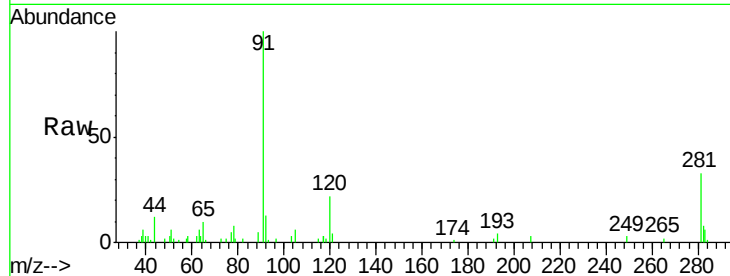
91 100

120 23.8 11.8 35.4

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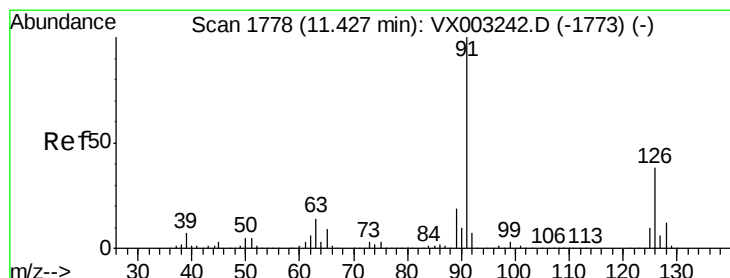
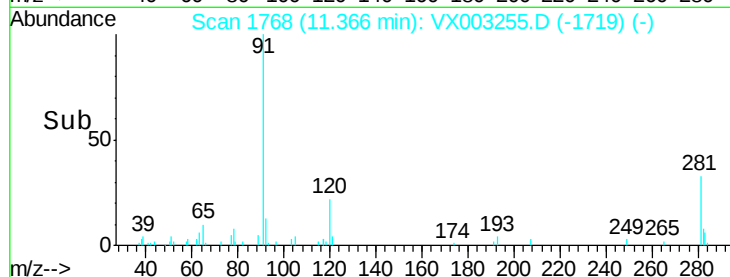
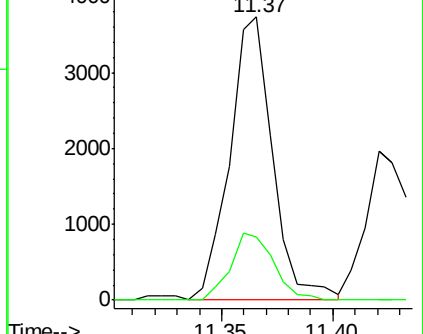
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.27 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003255.D

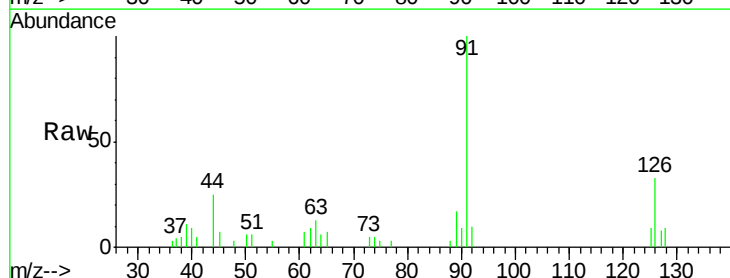
Acq: 09 Jul 2018 20:31

Tgt Ion: 91 Resp: 2755

Ion Ratio Lower Upper

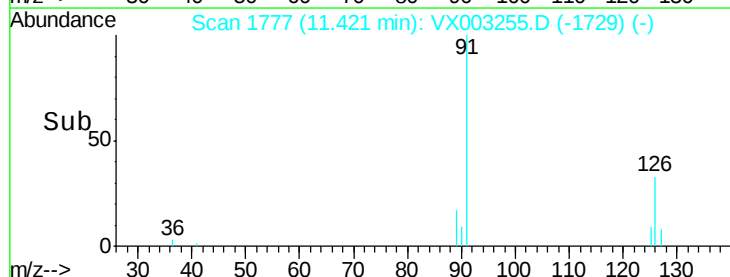
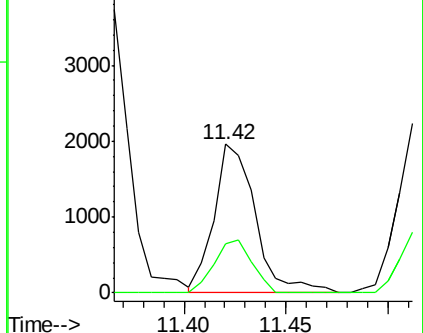
91 100

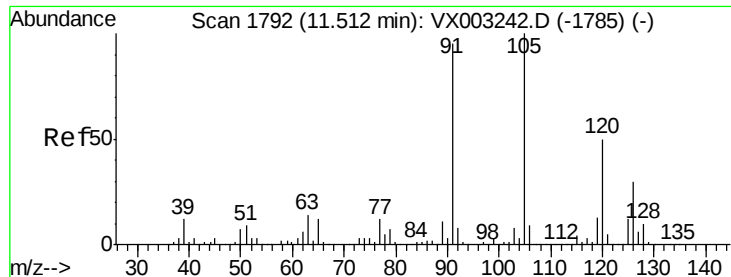
126 32.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





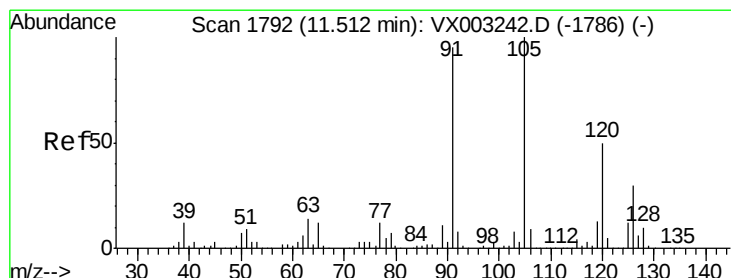
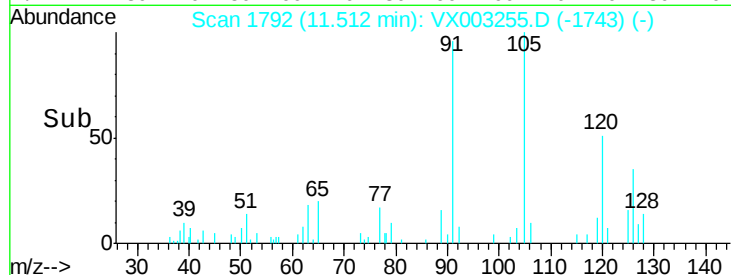
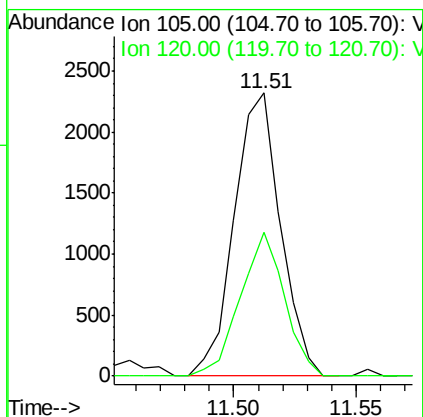
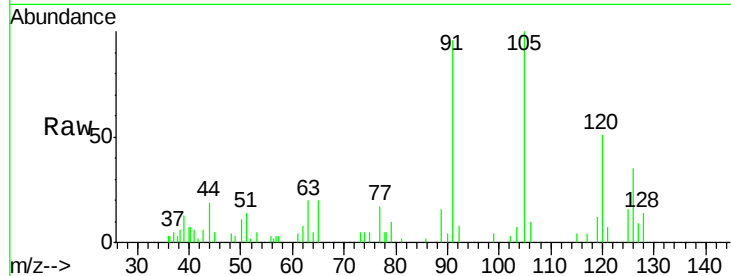
#80
 1,3,5-Trimethylbenzene
 Concen: 0.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion:105 Resp: 3044
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.4

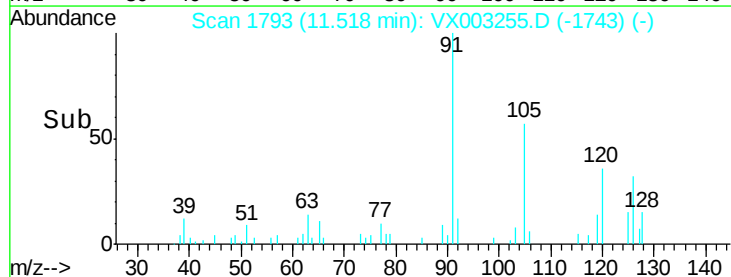
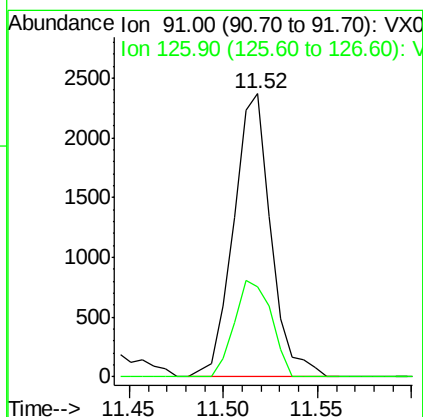
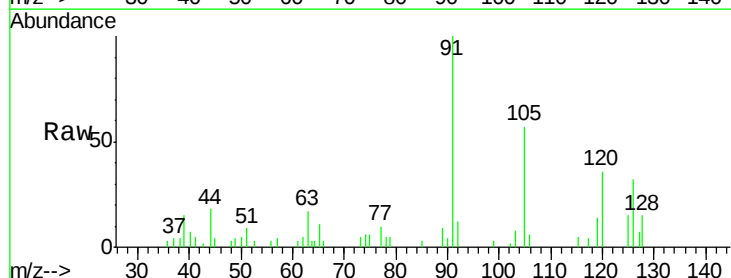
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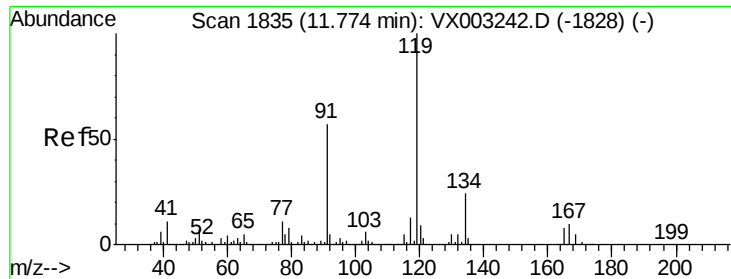
MMDadoda
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#82
 4-Chlorotoluene
 Concen: 0.28 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion: 91 Resp: 3261
 Ion Ratio Lower Upper
 91 100
 126 33.6 15.4 46.4





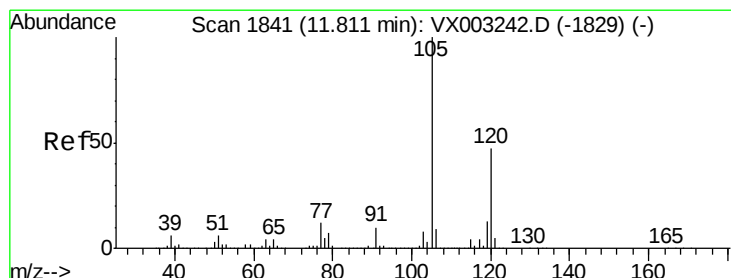
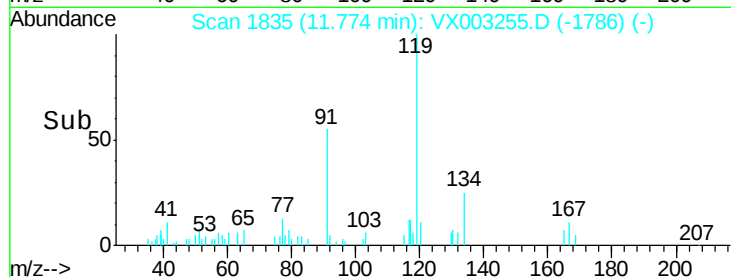
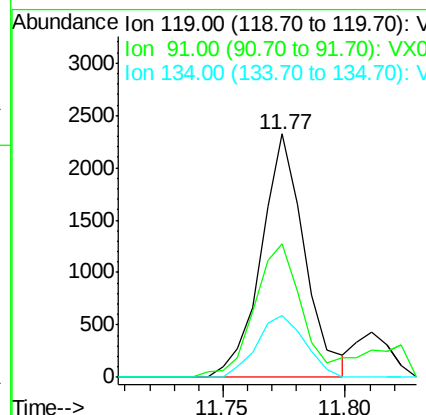
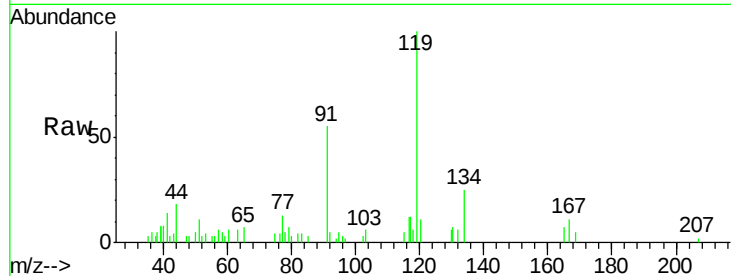
#83
 tert-Butylbenzene
 Concen: 0.23 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
119	100	2885		
91	60.8		30.3	90.9
134	28.1		11.7	35.1

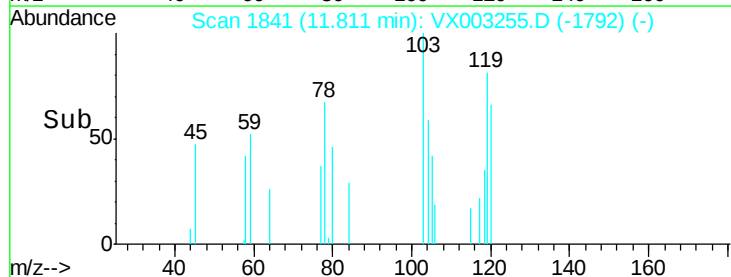
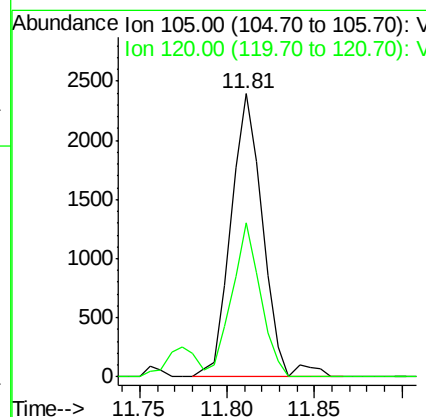
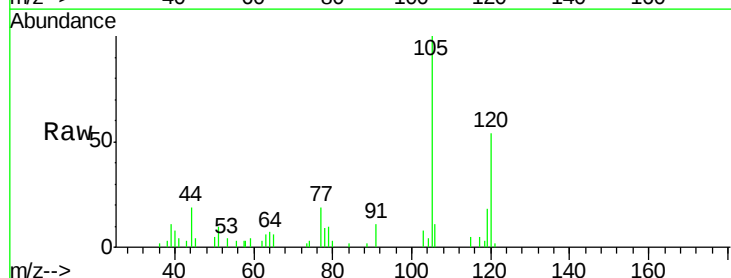
Manual Integrations
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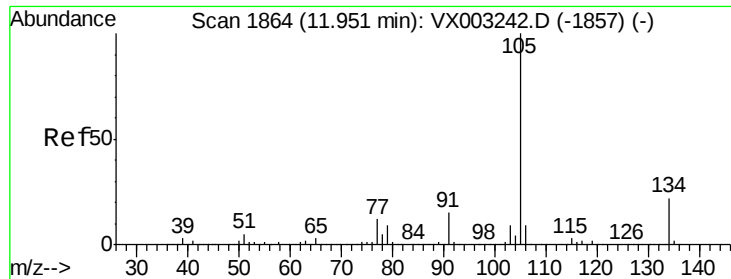
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.24 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	3042		
120	48.8		22.3	66.8





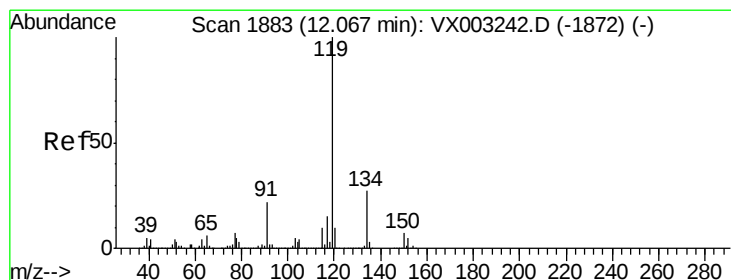
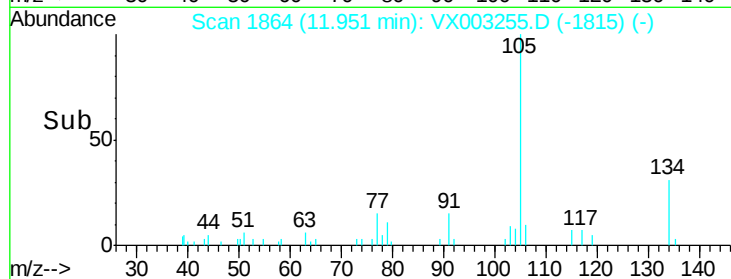
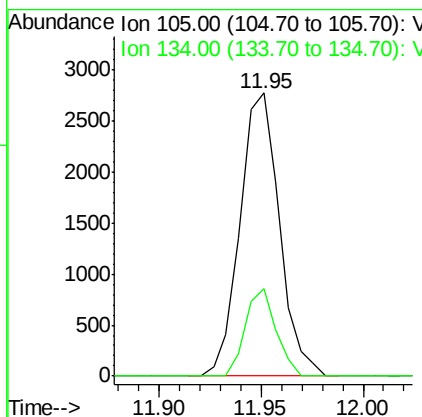
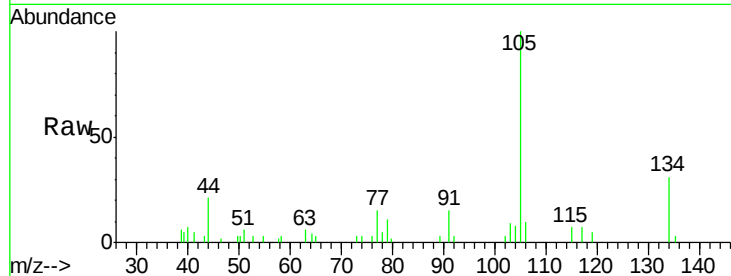
#85
 sec-Butylbenzene
 Concen: 0.25 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion:105 Resp: 3727
 Ion Ratio Lower Upper
 105 100
 134 23.7 10.4 31.1

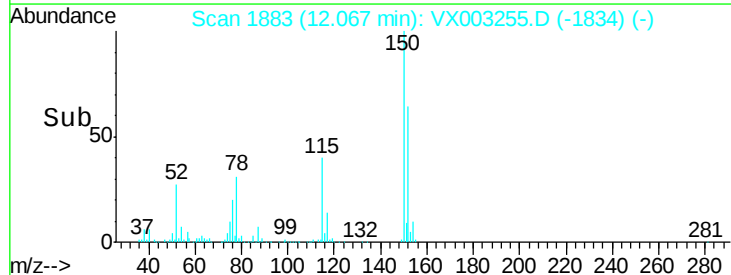
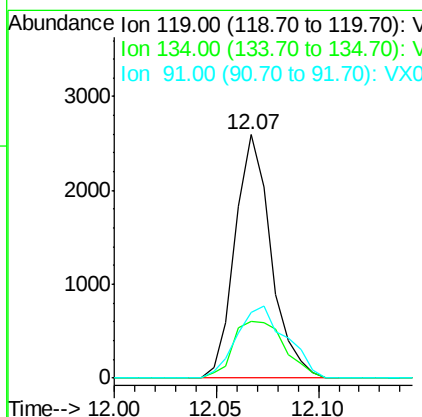
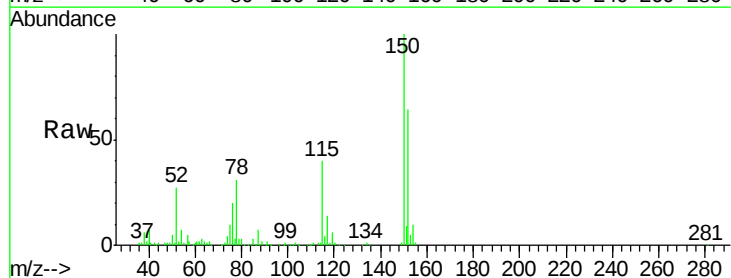
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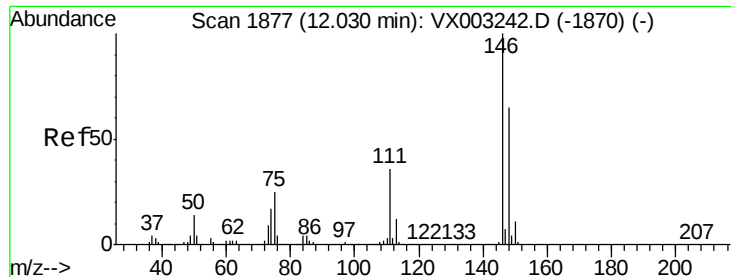
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 0.24 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion:119 Resp: 3181
 Ion Ratio Lower Upper
 119 100
 134 33.4 13.4 40.1
 91 40.9 11.9 35.7#





#87

1,3-Dichlorobenzene

Concen: 0.33 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

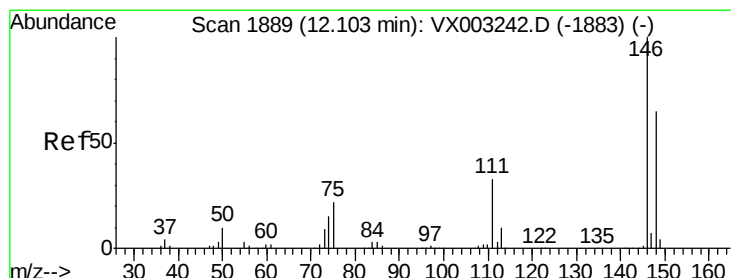
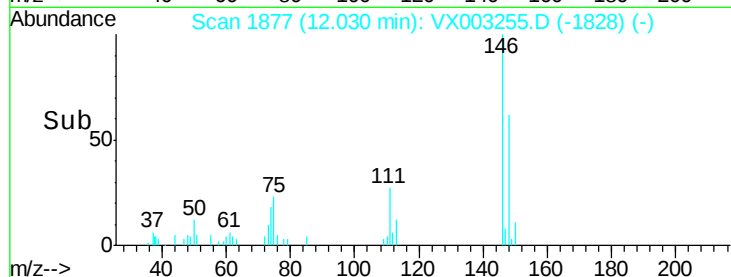
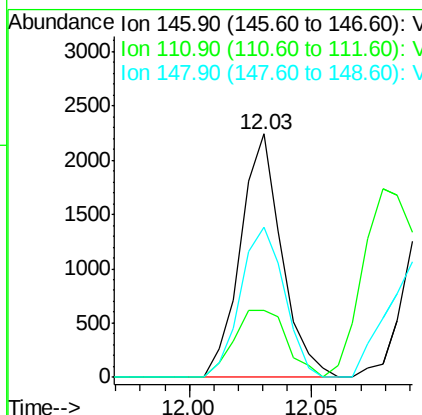
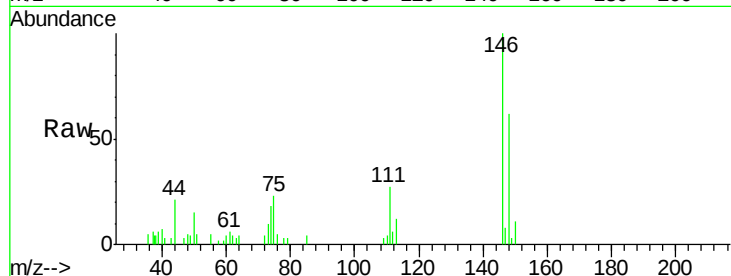
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	146	Resp:	2631
Ion Ratio	Lower	Upper	
146	100		
111	35.6	18.9	56.7
148	65.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 0.40 ug/l m

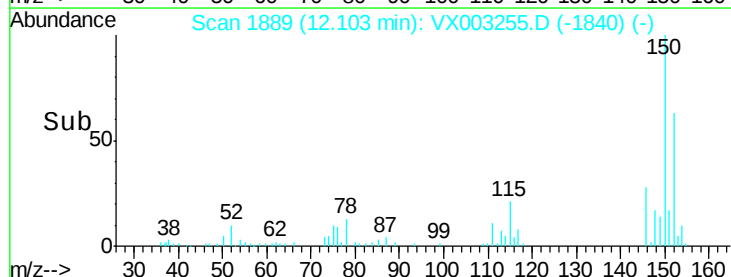
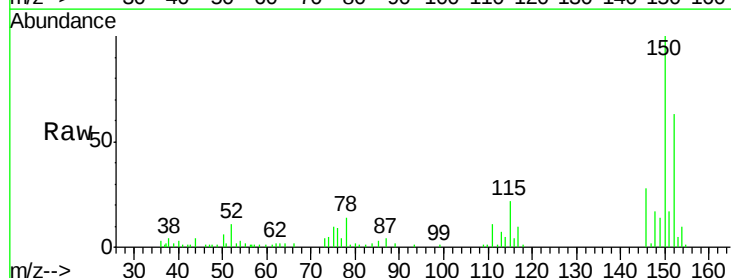
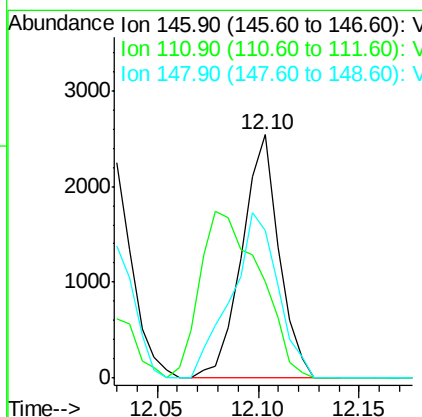
RT: 12.10 min Scan# 1889

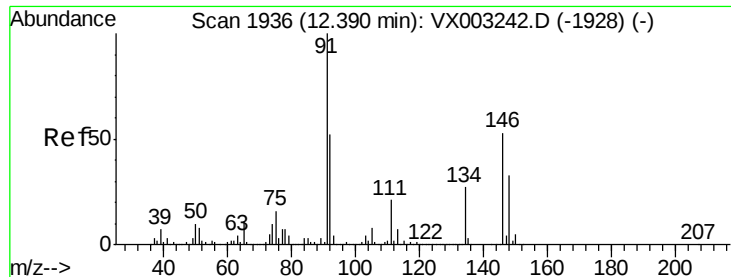
Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Tgt Ion:	146	Resp:	3214
Ion Ratio	Lower	Upper	
146	100		
111	29.1	18.7	56.1
148	53.4	32.4	97.0





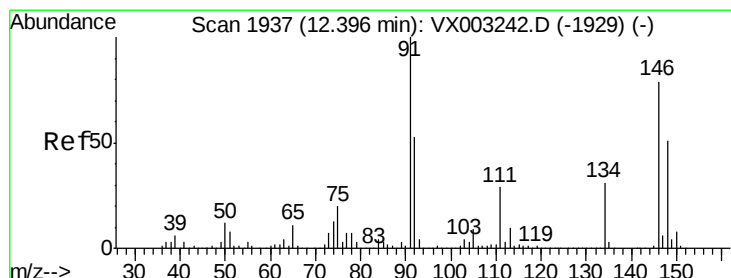
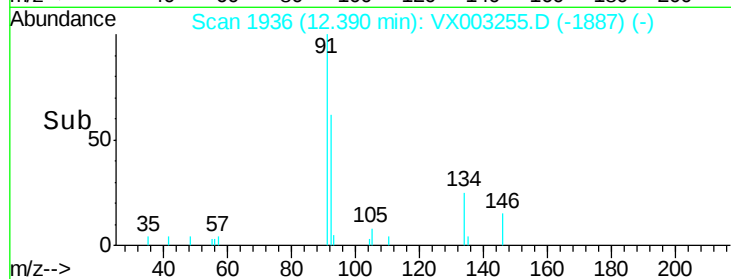
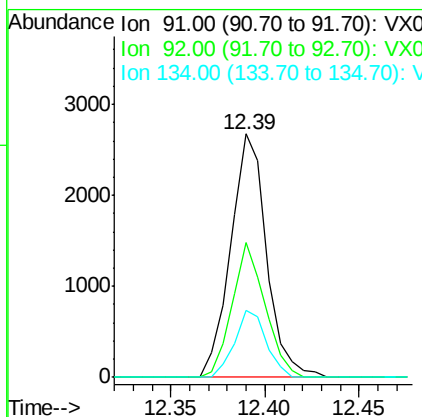
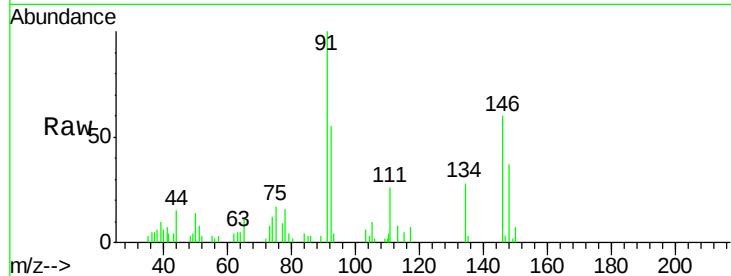
#89
n-Butylbenzene
Concen: 0.32 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.0	78.0
134	24.2	13.5	40.5

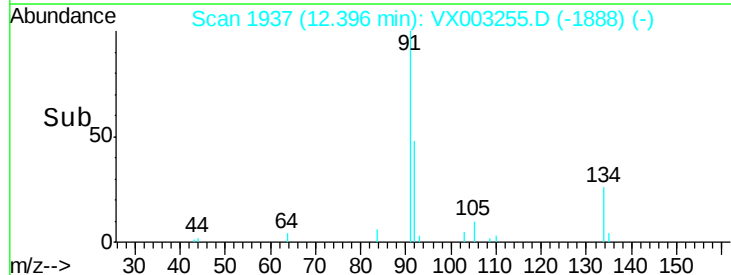
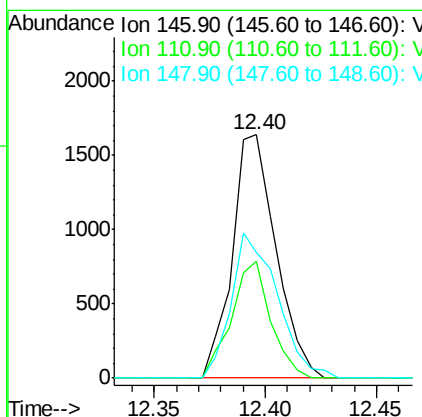
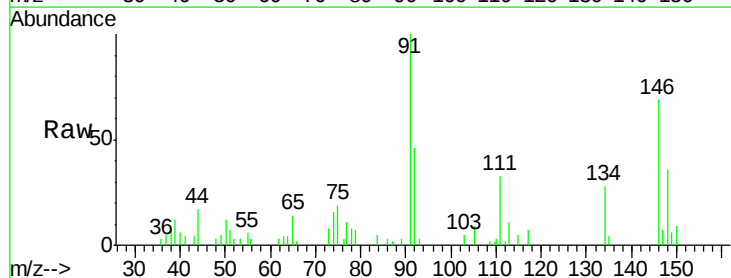
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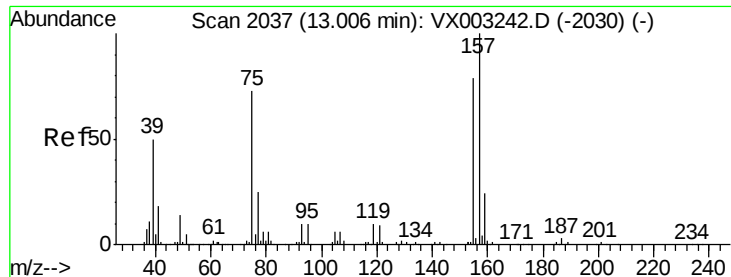
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#91
1,2-Dichlorobenzene
Concen: 0.28 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.4	58.1
148	62.9	31.7	95.1





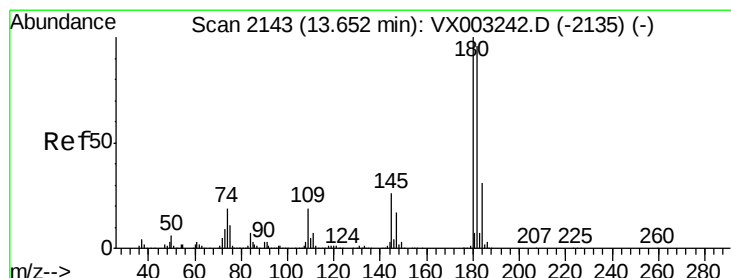
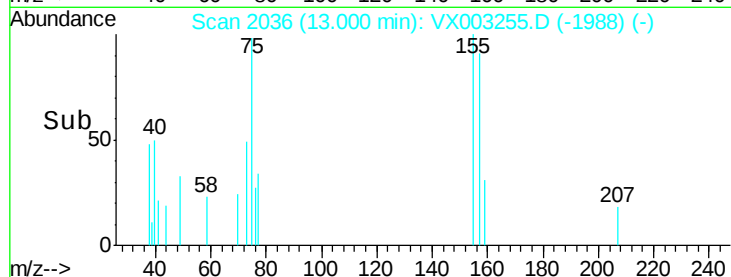
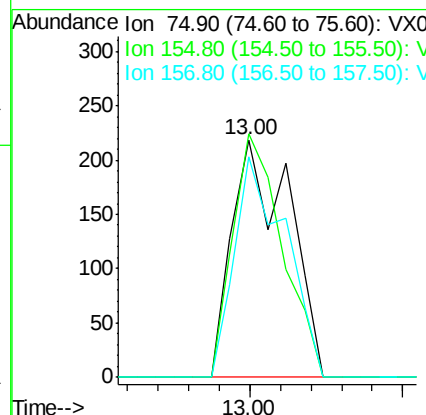
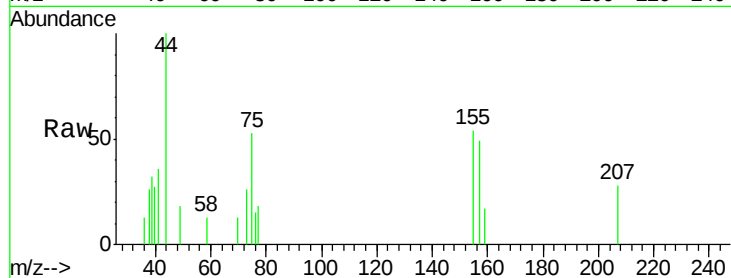
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.29 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
75	100		
155	88.0	45.8	137.4
157	82.7	60.1	180.3

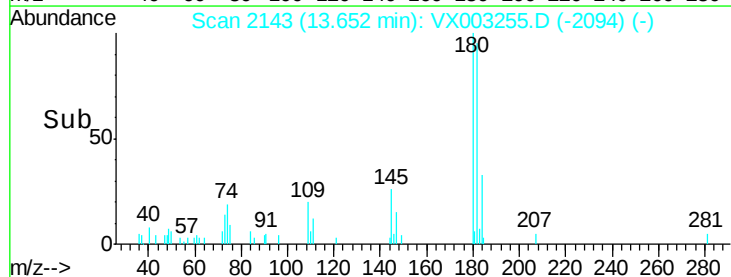
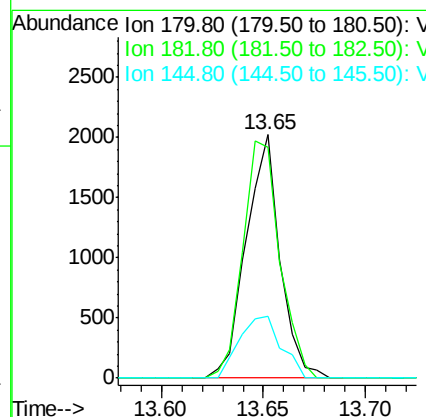
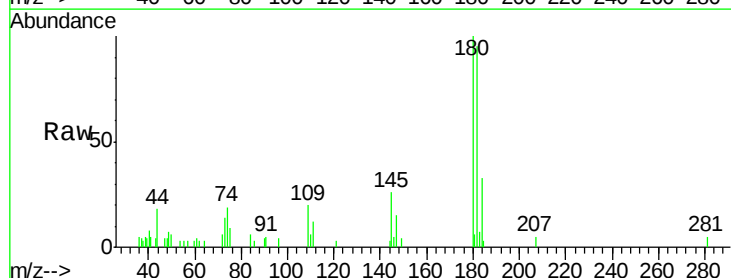
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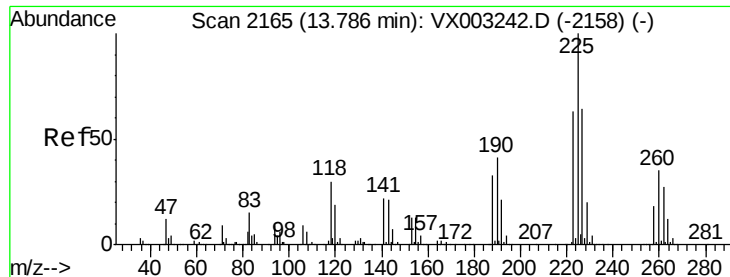
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.40 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	106.1	47.7	143.1
145	31.3	14.1	42.4





#94

Hexachlorobutadiene

Concen: 0.44 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

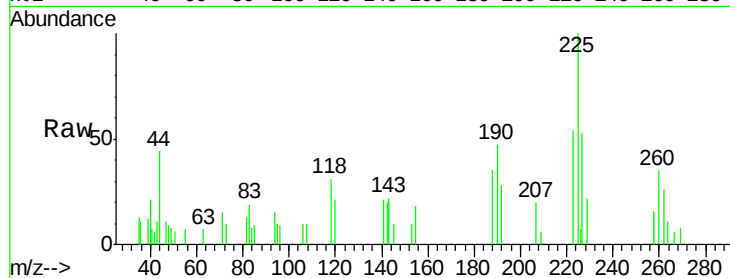
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

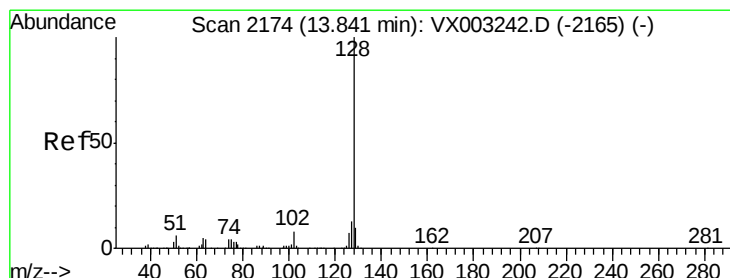
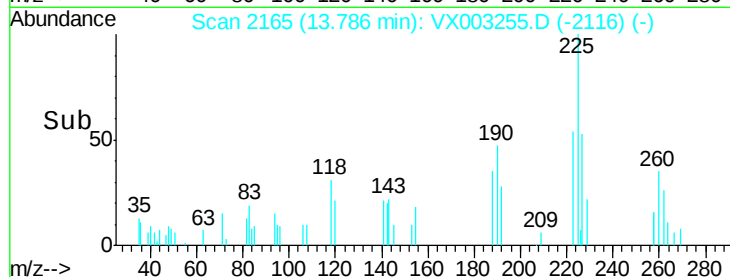
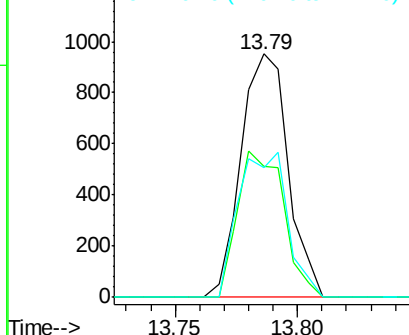
Tot Ion:	225	Resp:	1269
Ion Ratio	Lower	Upper	
225	100		
223	58.9	31.6	95.0
227	62.2	32.4	97.2

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



#95

Naphthalene

Concen: 0.31 ug/l

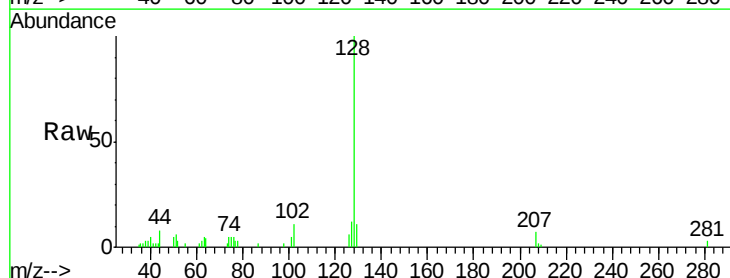
RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

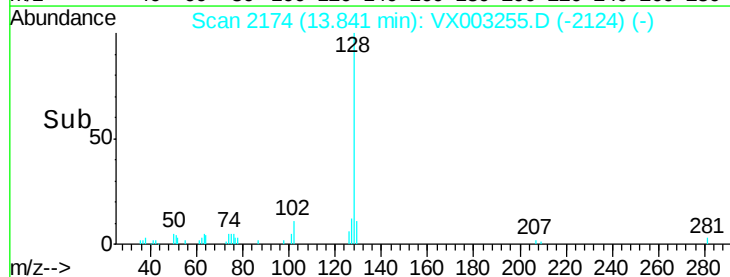
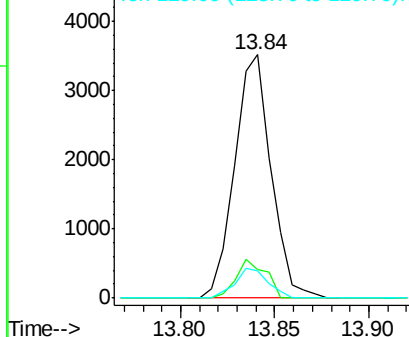
Lab File: VX003255.D

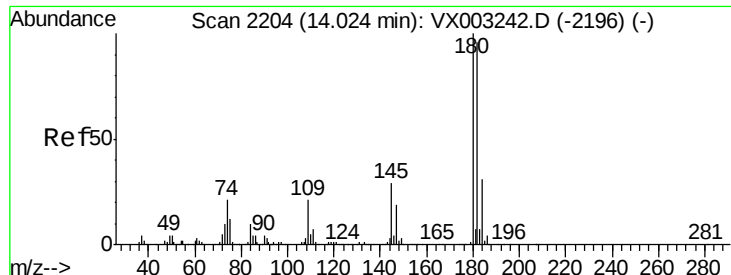
Acq: 09 Jul 2018 20:31

Tgt Ion:	128	Resp:	4730
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.37 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	48.0	144.0	
145	35.5	14.8	44.3	

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