

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019040.D
 Acq On : 22 Oct 2020 20:06
 Operator : JC/SP
 Sample : L4214-07 .2PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
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 10/23/2020 12:04:56 PM

Quant Time: Oct 23 10:09:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 23 09:59:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	230633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	392811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	362622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181440	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	137802	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	5.46	113	119272	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	8.70	98	458572	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	160894	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	593	0.260	ug/l	95
4) Vinyl Chloride	1.39	62	559	0.207	ug/l	94
6) Chloroethane	1.72	64	557	0.331	ug/l #	73
8) Diethyl Ether	2.17	74	397	0.223	ug/l	64
12) 1,1-Dichloroethene	2.36	96	534	0.238	ug/l #	72
14) Allyl chloride	2.70	41	585	0.201	ug/l	87
15) Acrylonitrile	3.12	53	1049	0.970	ug/l	99
16) Acetone	2.42	43	1949	2.071	ug/l	94
17) Carbon Disulfide	2.55	76	1408	0.217	ug/l	96
18) Methyl Acetate	2.75	43	871	0.373	ug/l #	57
19) Methyl tert-butyl Ether	3.17	73	1956	0.275	ug/l #	82
20) Methylene Chloride	2.84	84	1329	0.507	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	567	0.216	ug/l	86
23) Vinyl Acetate	3.79	43	4817	0.886	ug/l	98
25) 2-Butanone	4.64	43	1544	1.038	ug/l #	86
29) Tetrahydrofuran	5.10	42	1057	1.189	ug/l #	56
30) Chloroform	5.17	83	922	0.204	ug/l	87
36) 1,1-Dichloropropene	5.77	75	755	0.214	ug/l #	91
39) Methylcyclohexane	7.45	83	905	0.229	ug/l #	79
40) Benzene	6.12	78	8564	0.825	ug/l	94
41) Methacrylonitrile	5.01	41	448m	0.277	ug/l	
42) 1,2-Dichloroethane	6.16	62	995	0.281	ug/l	78
43) Isopropyl Acetate	6.40	43	1172m	0.230	ug/l	
48) Methyl methacrylate	7.76	41	785	0.313	ug/l #	65
49) 1,4-Dioxane	7.74	88	240	4.231	ug/l #	30
51) 4-Methyl-2-Pentanone	8.62	43	2608	0.869	ug/l	92
52) Toluene	8.76	92	1767	0.258	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	1495	0.708	ug/l	94
59) 2-Hexanone	9.48	43	2031	0.908	ug/l	86
64) Tetrachloroethene	9.32	164	628	0.227	ug/l #	59
67) Ethyl Benzene	10.24	91	16077	1.226	ug/l	98
68) m/p-Xylenes	10.34	106	1947	0.388	ug/l	99
73) Isopropylbenzene	11.00	105	5781	0.443	ug/l	95
74) N-ethyl acetate	10.88	43	951	0.227	ug/l #	78

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 23 09:59:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.34	91	10296	0.696	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1291m	0.208	ug/l	
89) n-Butylbenzene	12.37	91	2481	0.231	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.99	75	184	0.206	ug/l #	42
95) Naphthalene	13.82	128	19499	1.502	ug/l	99

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

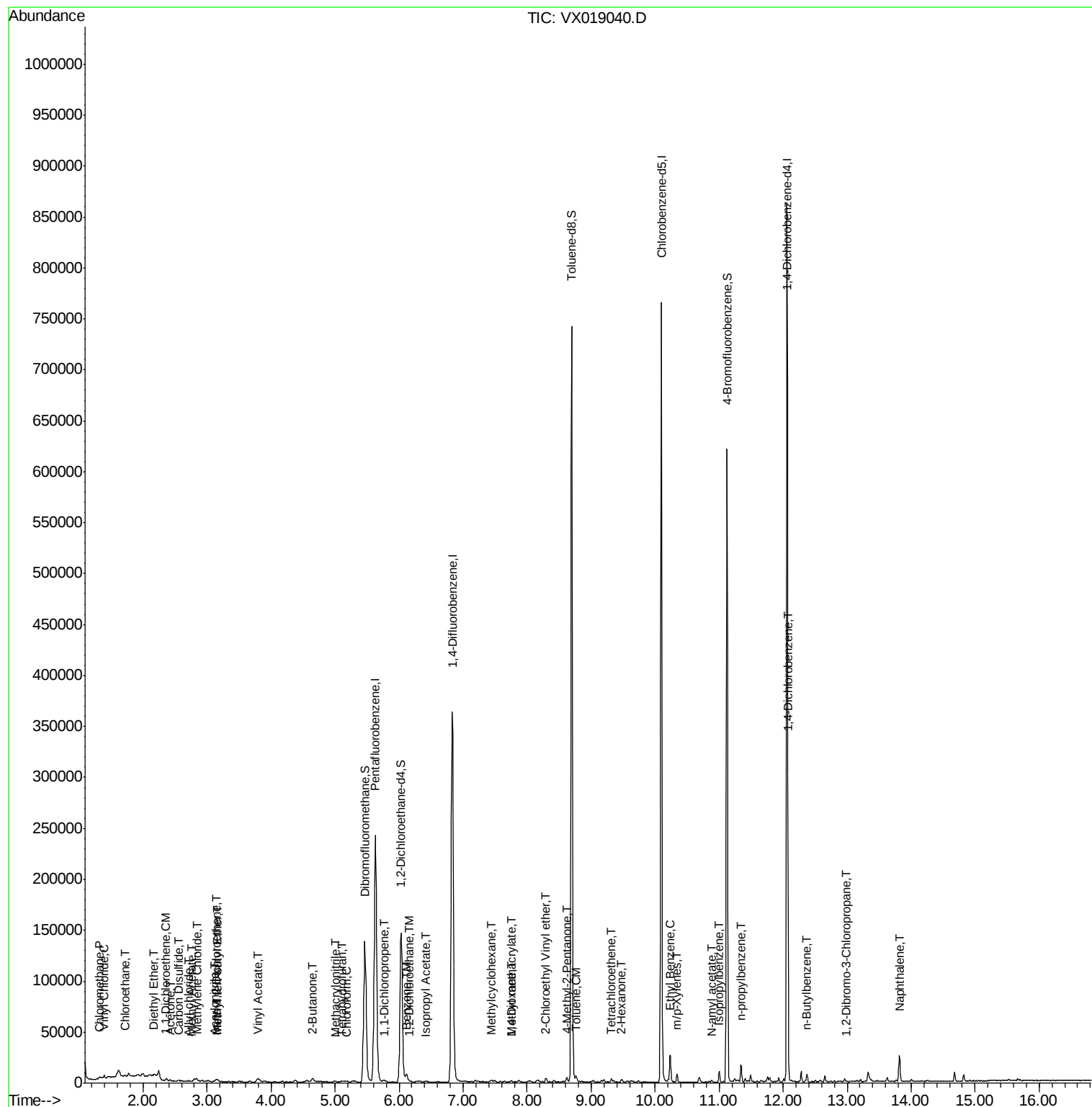
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Data File : VX019040.D
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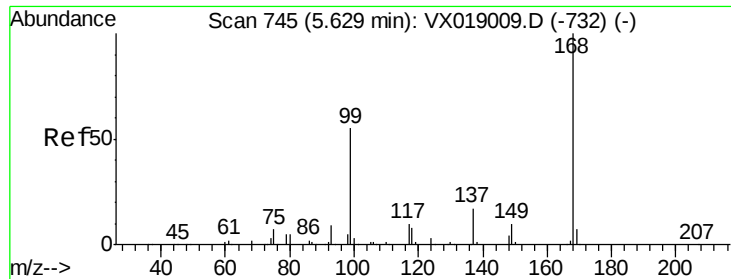
Instrument :
MSVOA_X
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LOD-MDL-WATER-01-QT4-2020

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Quant Time: Oct 23 10:09:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 23 09:59:01 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:168 Resp: 230633

Ion Ratio Lower Upper

168 100

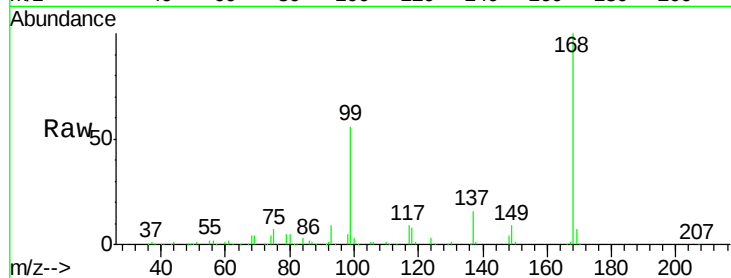
99 56.4 44.2 66.2

Manual Integrations

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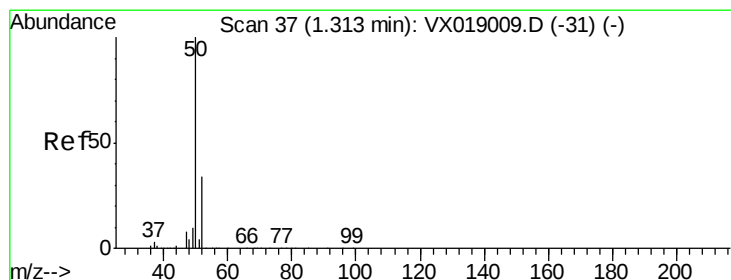
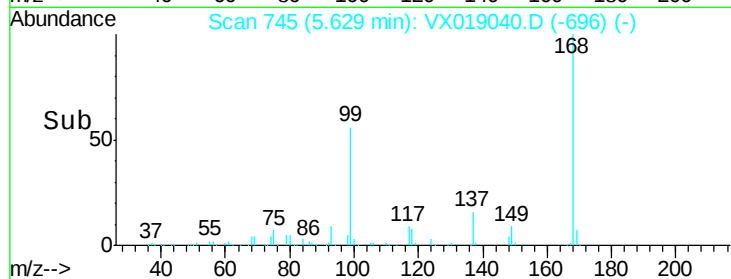
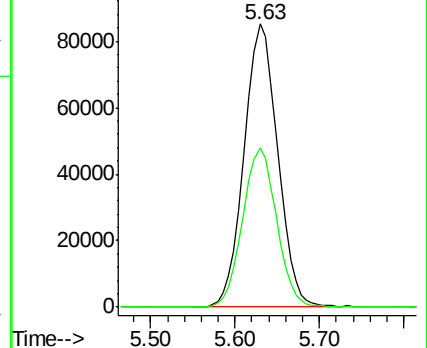
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.260 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019040.D

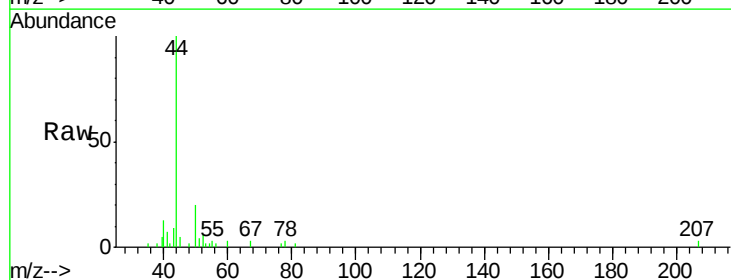
Acq: 22 Oct 2020 20:06

Tgt Ion: 50 Resp: 593

Ion Ratio Lower Upper

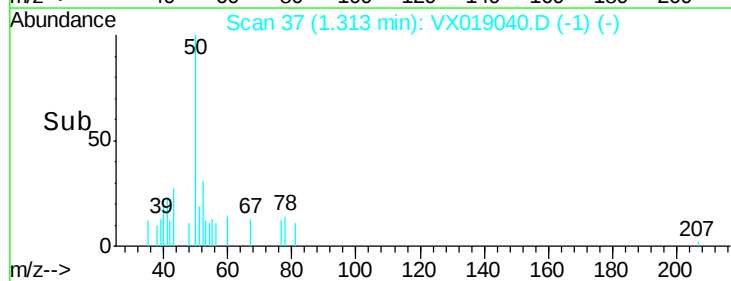
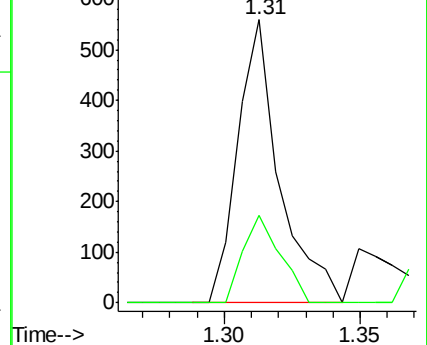
50 100

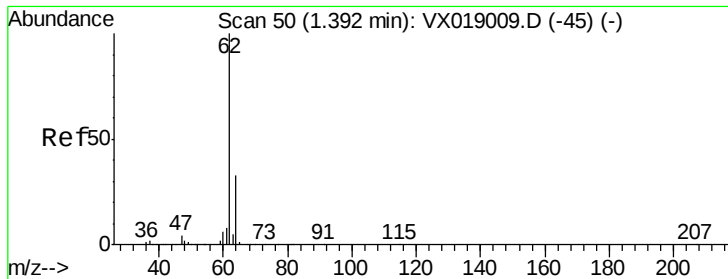
52 30.9 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.207 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 62 Resp: 559

Ion Ratio Lower Upper

62 100

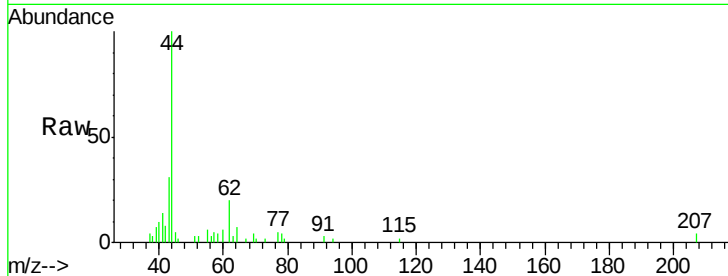
64 36.3 26.5 39.7

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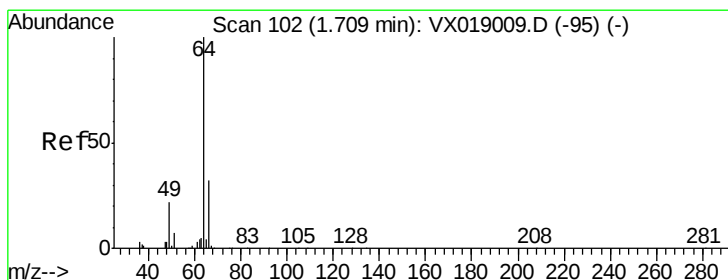
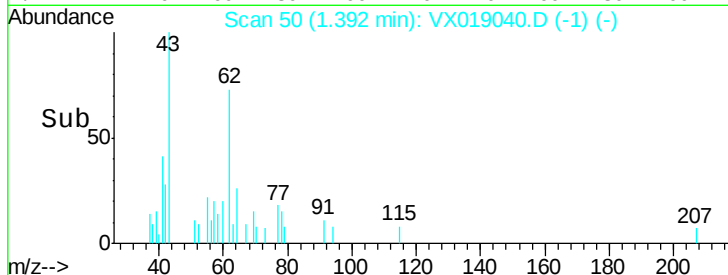
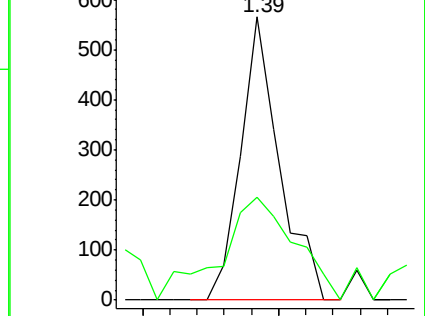
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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 0.331 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019040.D

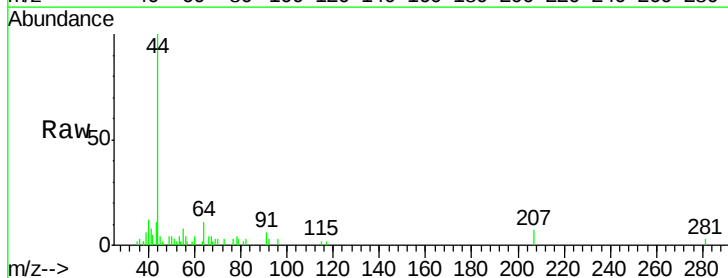
Acq: 22 Oct 2020 20:06

Tgt Ion: 64 Resp: 557

Ion Ratio Lower Upper

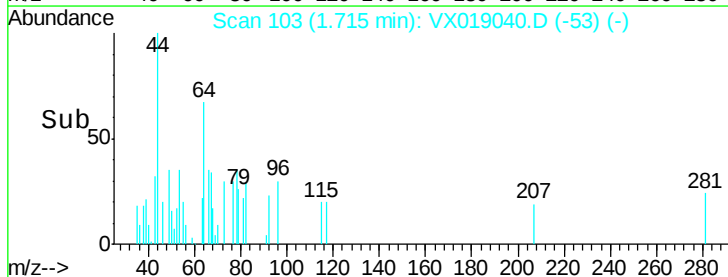
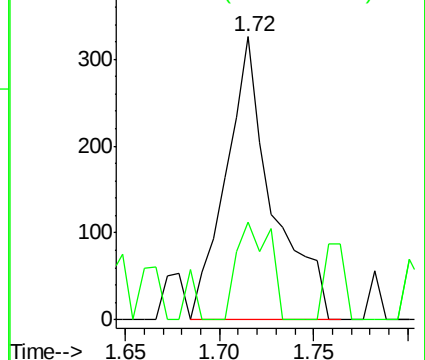
64 100

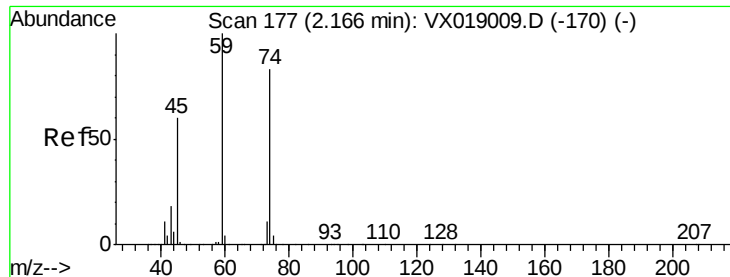
66 16.9 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.223 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 74 Resp: 397

Ion Ratio Lower Upper

74 100

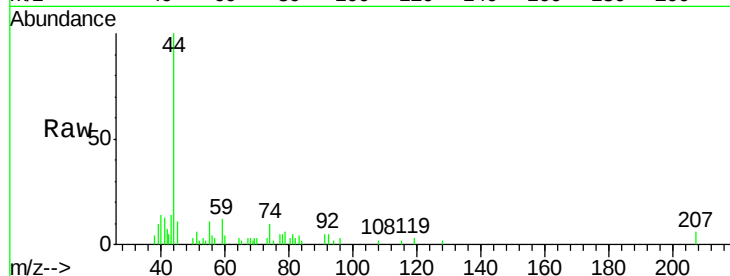
45 104.0 36.8 110.4

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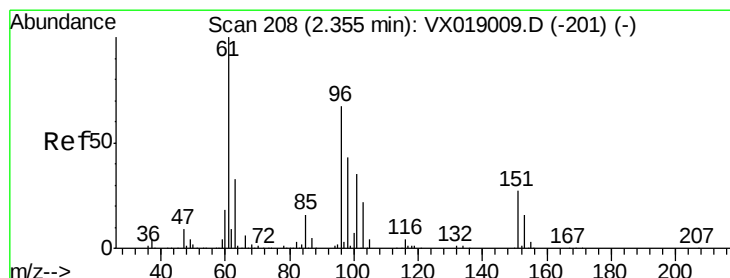
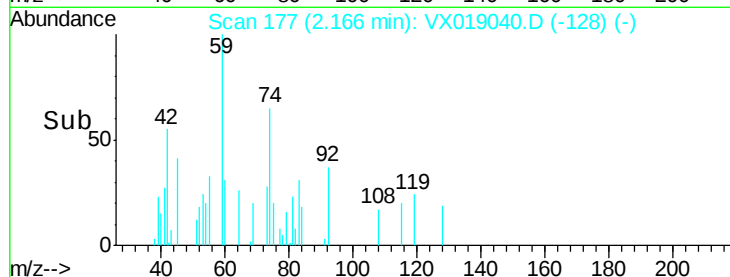
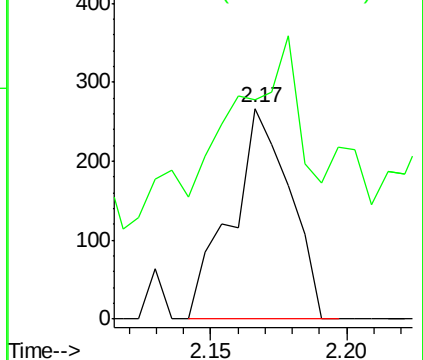
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#12

1,1-Dichloroethene

Concen: 0.238 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

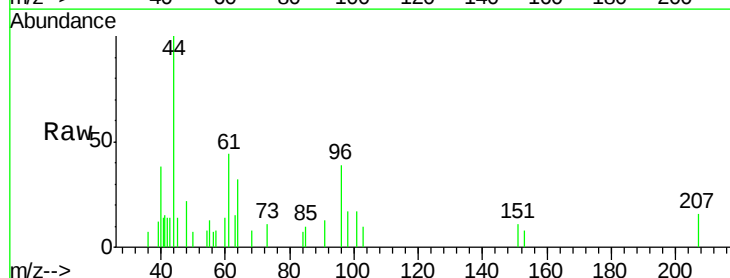
Tgt Ion: 96 Resp: 534

Ion Ratio Lower Upper

96 100

61 112.0 119.0 178.6#

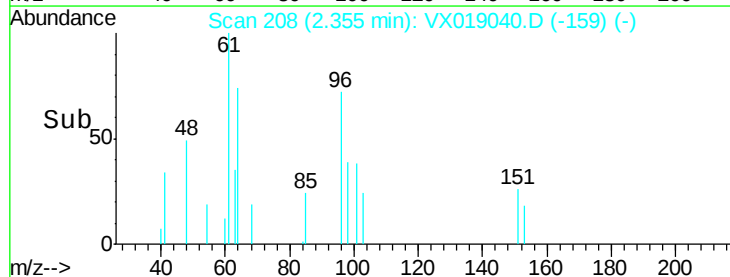
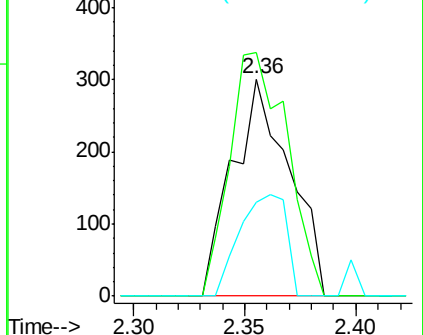
98 43.2 51.0 76.4#

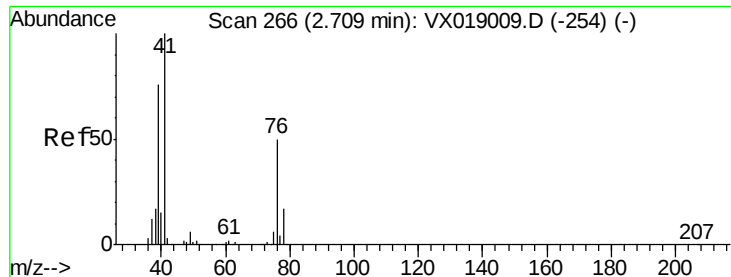


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#14

Allvl chloride

Concen: 0.201 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

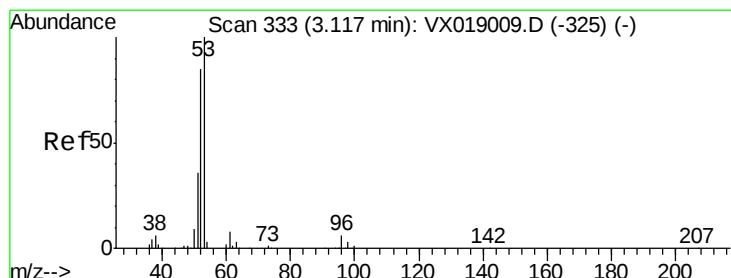
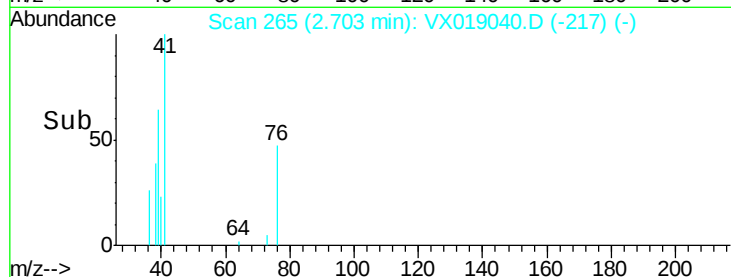
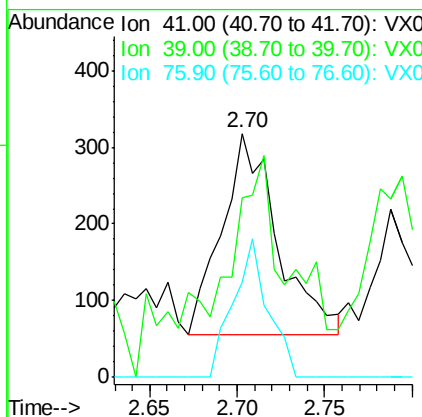
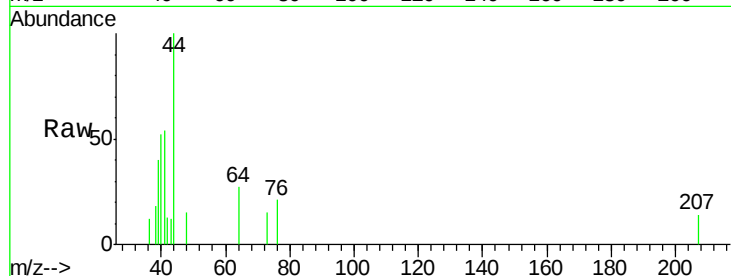
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	41	Resp:	585
Ion	Ratio	Lower	Upper
41	100		
39	58.3	57.4	86.0
76	42.4	37.7	56.5

Manual Integrations
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#15

Acrylonitrile

Concen: 0.970 ug/l

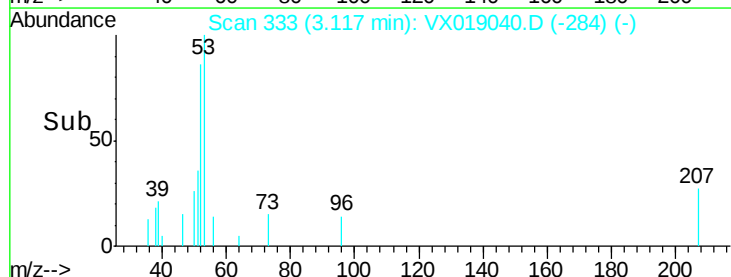
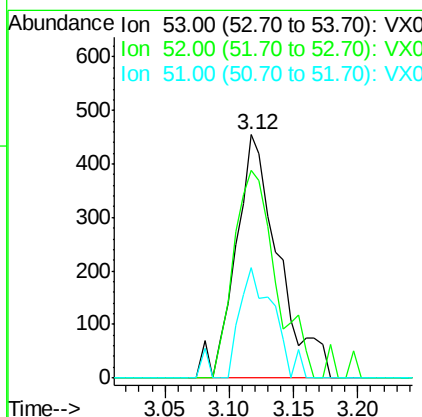
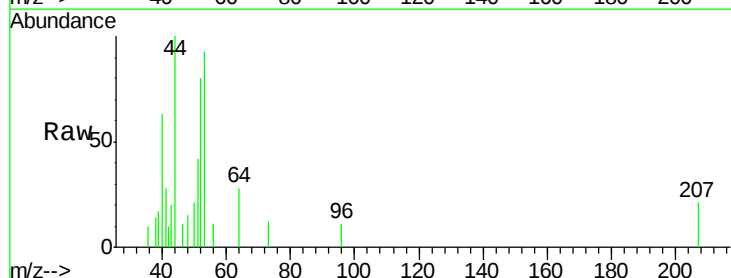
RT: 3.12 min Scan# 333

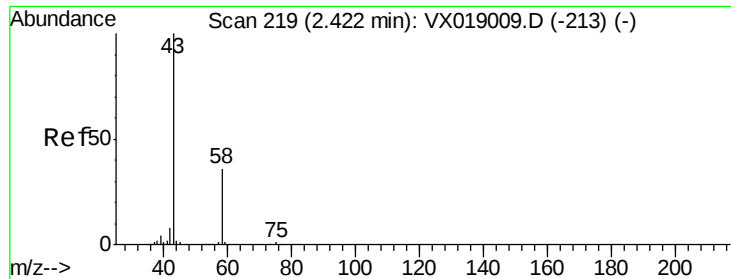
Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Tgt Ion:	53	Resp:	1049
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.9	98.9
51	35.5	28.3	42.5





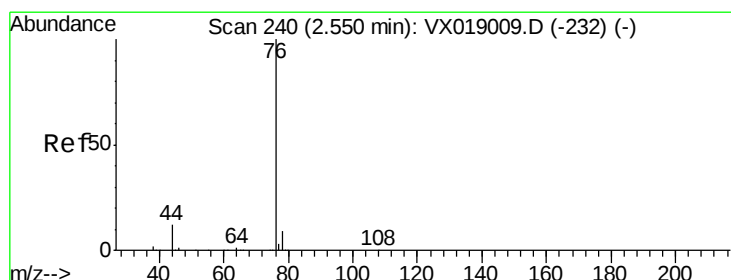
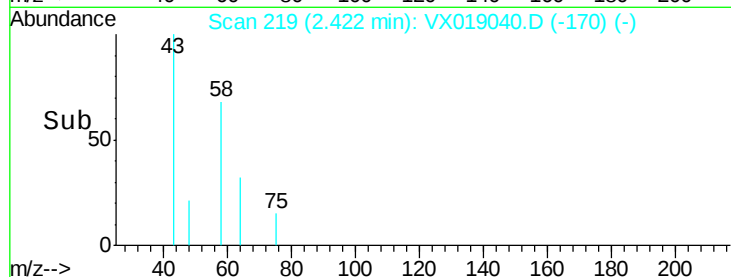
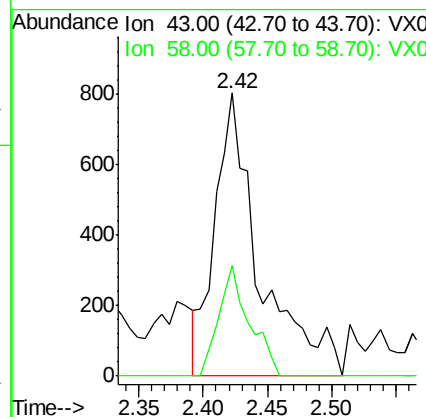
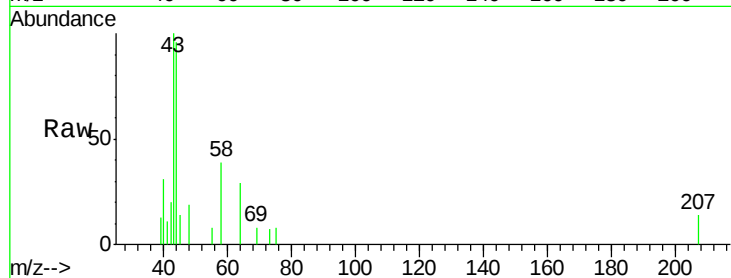
#16
Acetone
Concen: 2.071 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
58 39.1 28.6 42.8

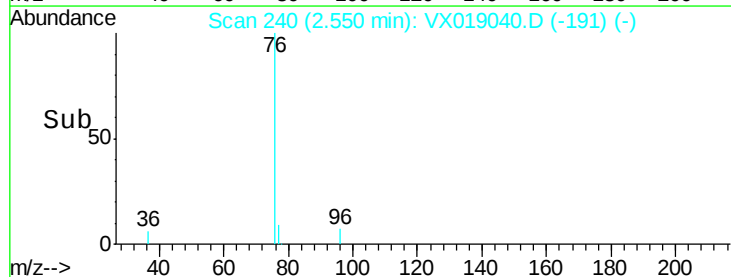
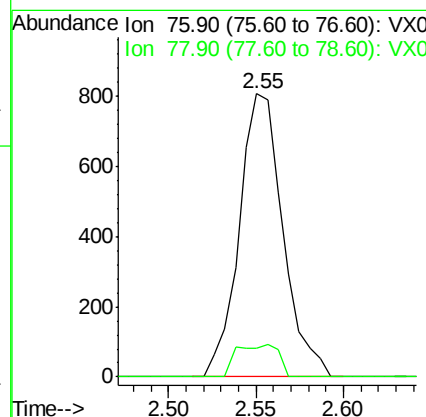
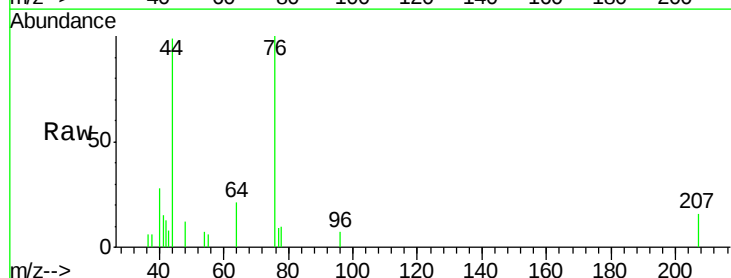
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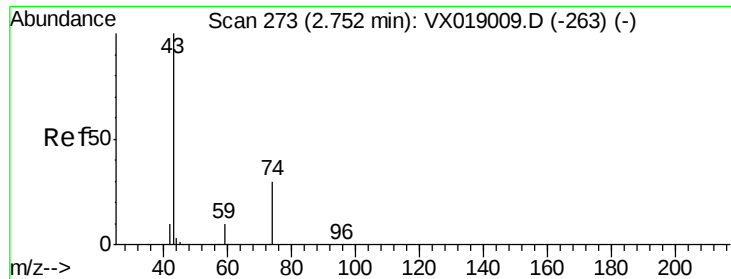
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#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion: 76 Resp: 1408
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7





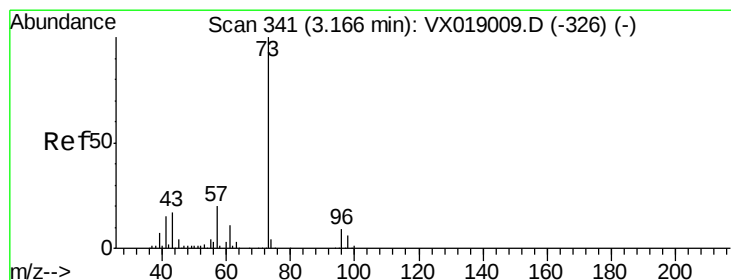
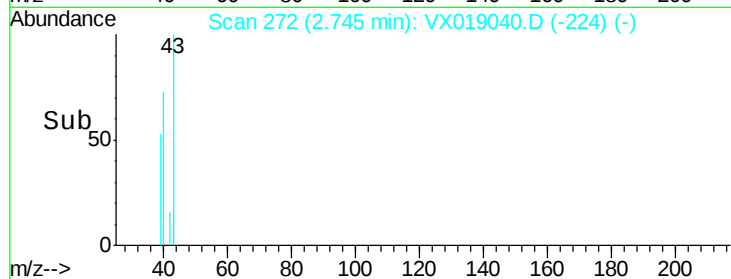
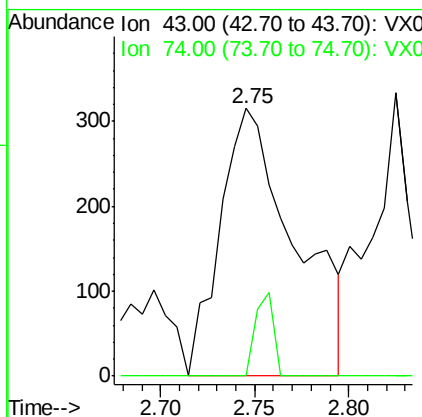
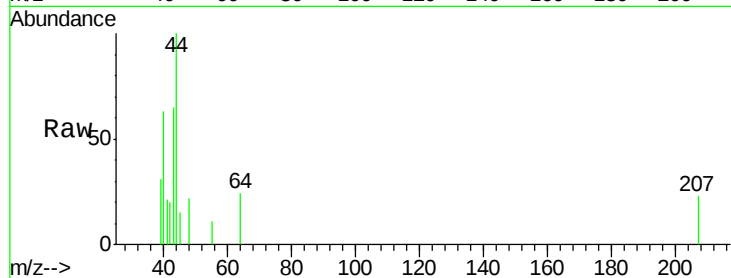
#18
Methyl Acetate
Concen: 0.373 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
74 7.5 24.9 37.3#

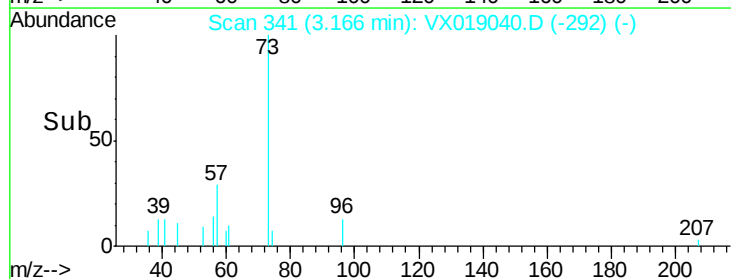
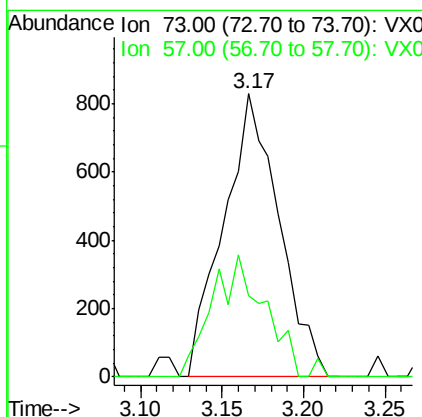
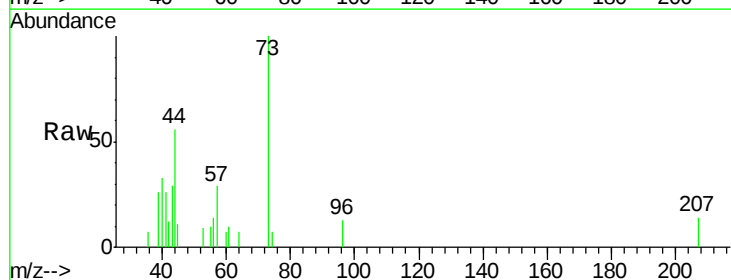
Manual Integrations
APPROVED

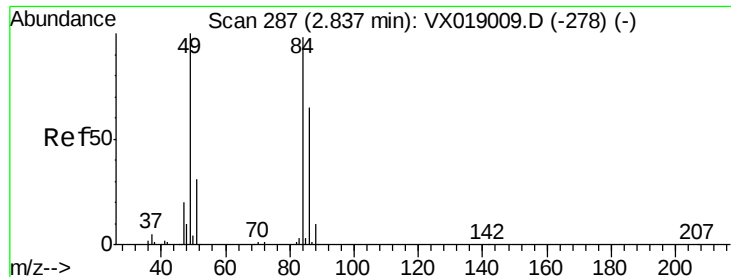
MMDadoda
10/23/2020 12:04:56 PM



#19
Methyl tert-butyl Ether
Concen: 0.275 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion: 73 Resp: 1956
Ion Ratio Lower Upper
73 100
57 28.7 16.2 24.2#





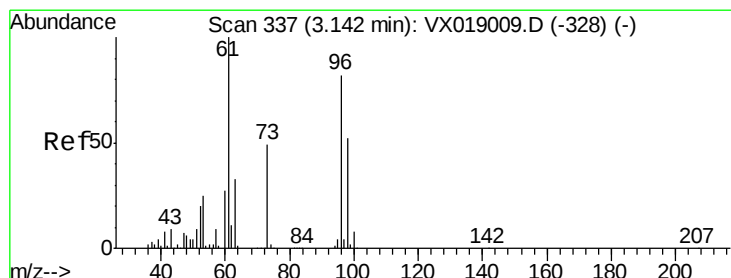
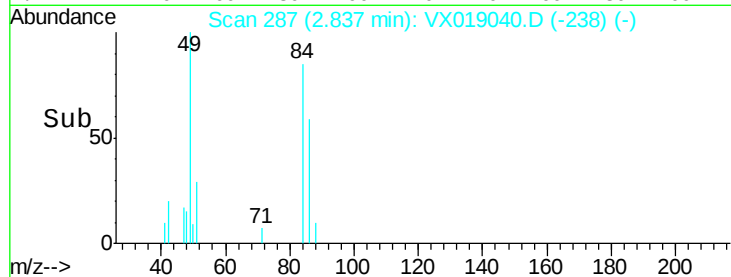
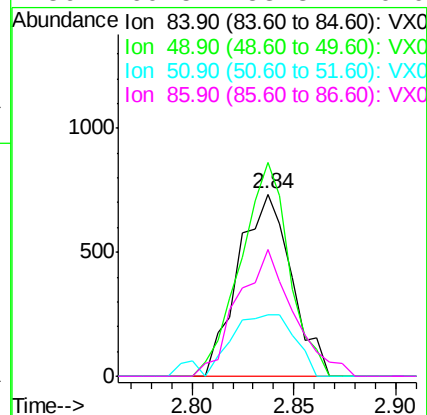
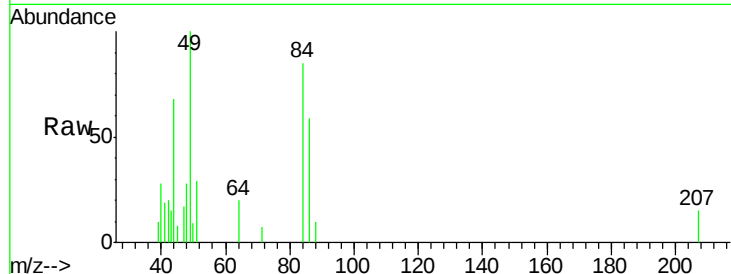
#20
Methvlene Chloride
Concen: 0.507 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion:	84	Resp:	1329
Ion	Ratio	Lower	Upper
84	100		
49	117.1	81.6	122.4
51	33.5	25.6	38.4
86	69.5	53.3	79.9

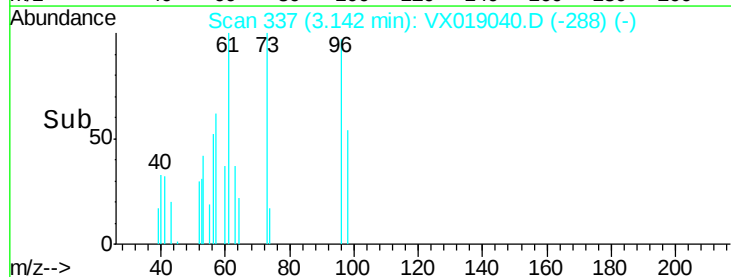
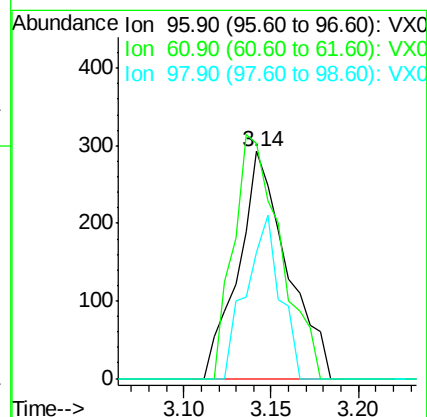
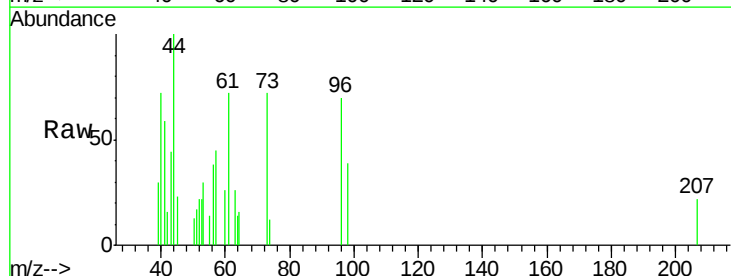
Manual Integrations
APPROVED

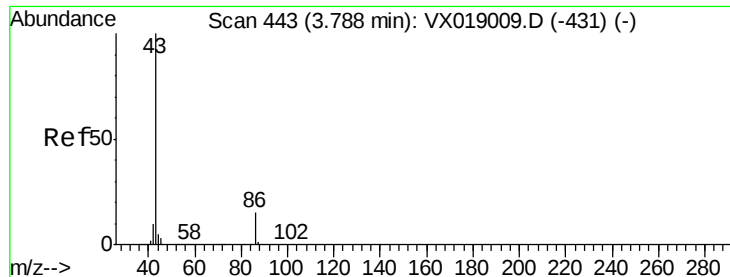
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 0.216 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion:	96	Resp:	567
Ion	Ratio	Lower	Upper
96	100		
61	103.4	97.8	146.6
98	55.6	50.7	76.1





#23

Vinyl Acetate

Concen: 0.886 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 4817

Ion Ratio Lower Upper

43 100

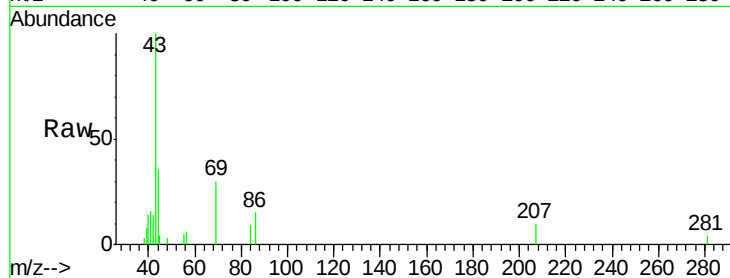
86 15.3 11.7 17.5

Manual Integrations

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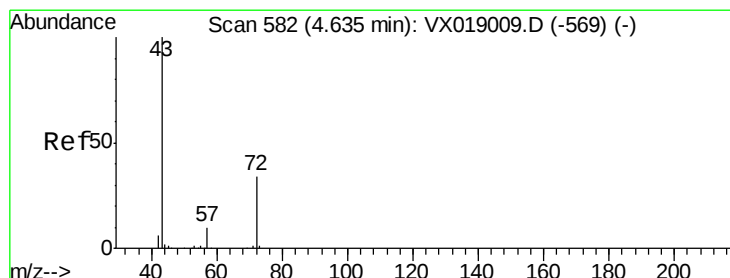
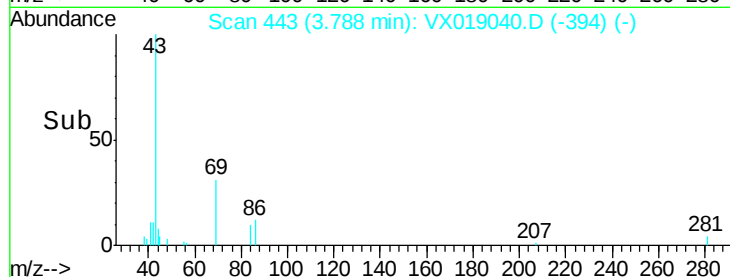
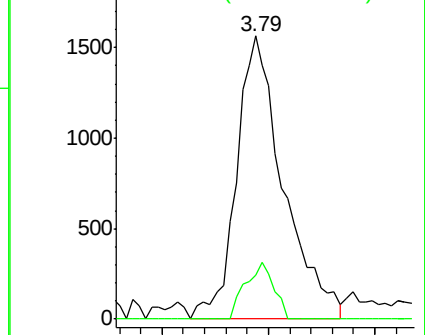
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 1.038 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019040.D

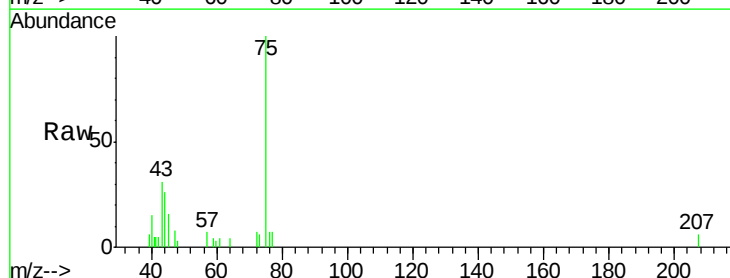
Acq: 22 Oct 2020 20:06

Tgt Ion: 43 Resp: 1544

Ion Ratio Lower Upper

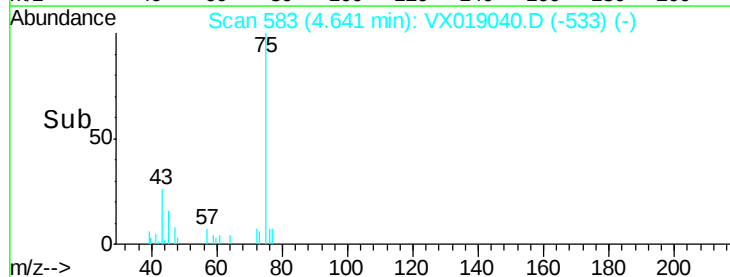
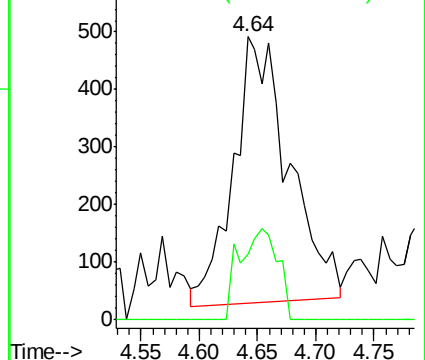
43 100

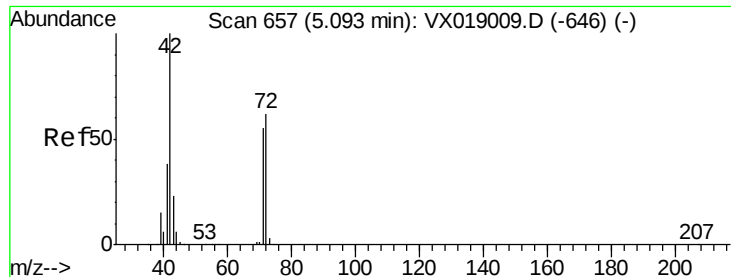
72 26.3 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





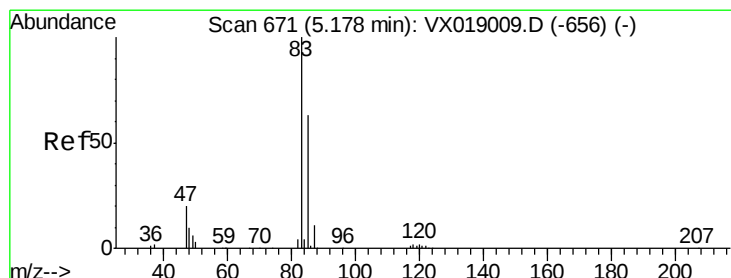
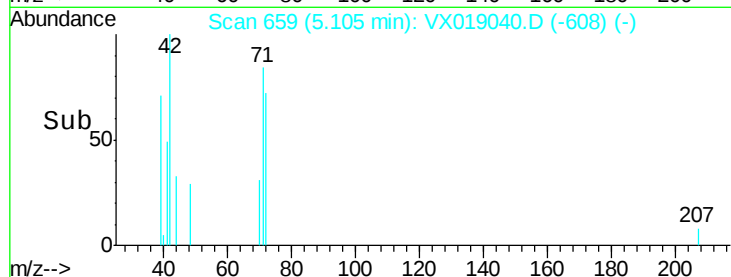
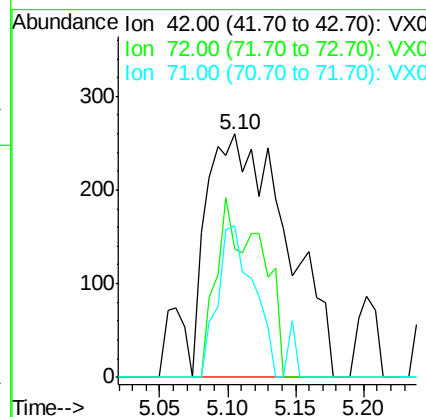
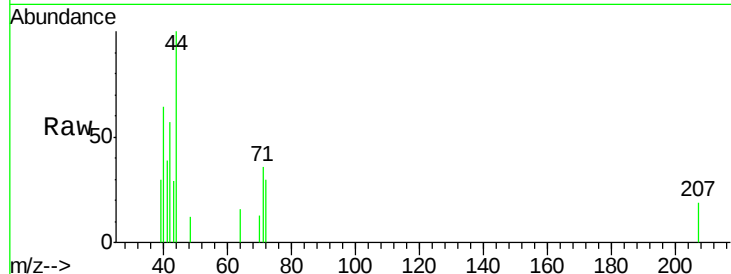
#29
Tetrahydrofuran
Concen: 1.189 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
42	100		
72	22.7	49.1	73.7#
71	28.0	44.2	66.4#

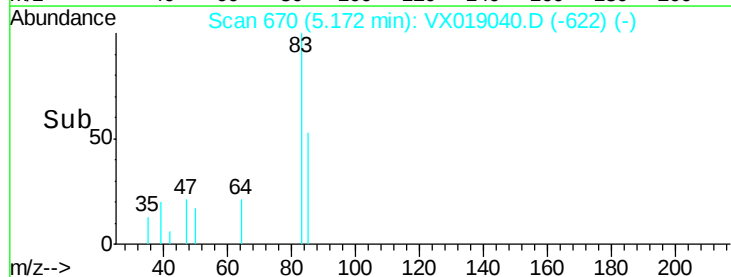
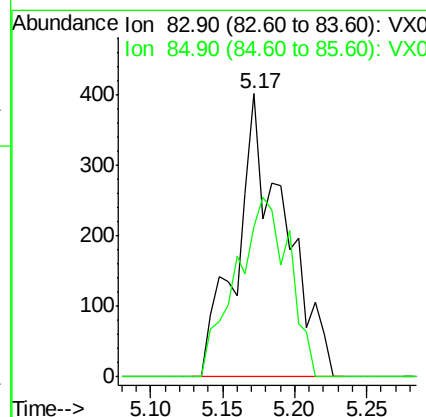
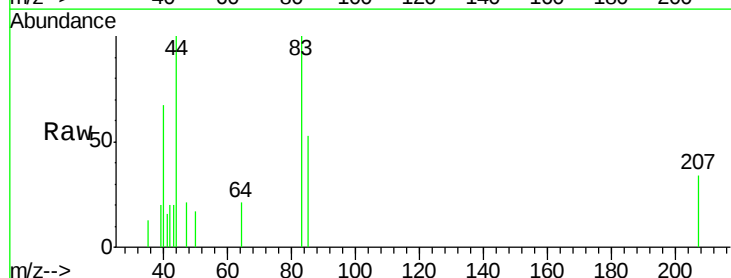
Manual Integrations
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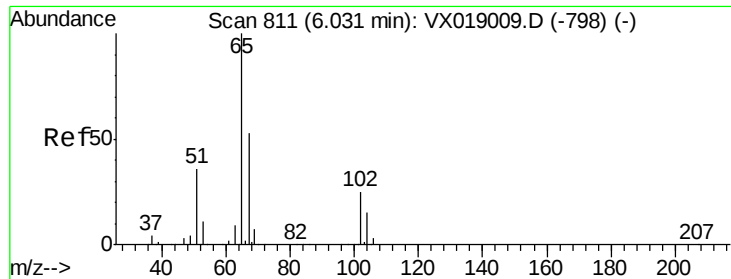
MMDadoda
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#30
Chloroform
Concen: 0.204 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.1	50.5	75.7





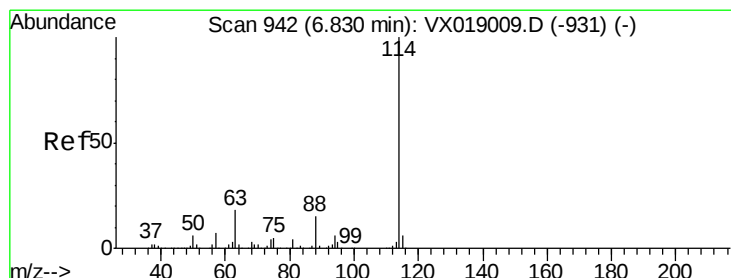
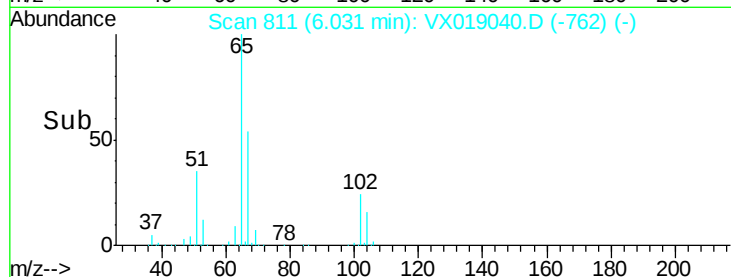
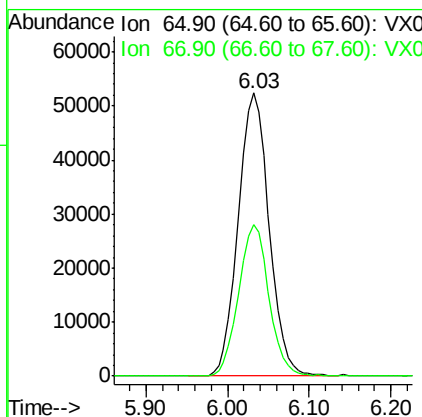
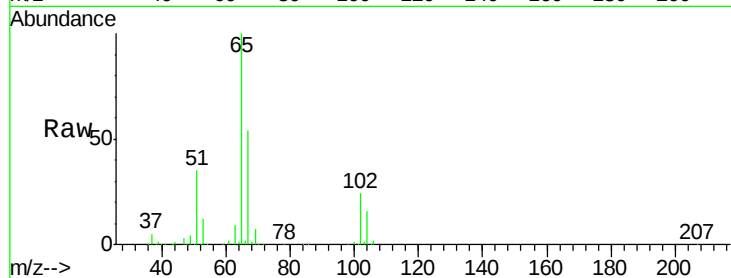
#33
 1,2-Dichloroethane-d4
 Concen: 49.881 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019040.D
 Acq: 22 Oct 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	107.0	

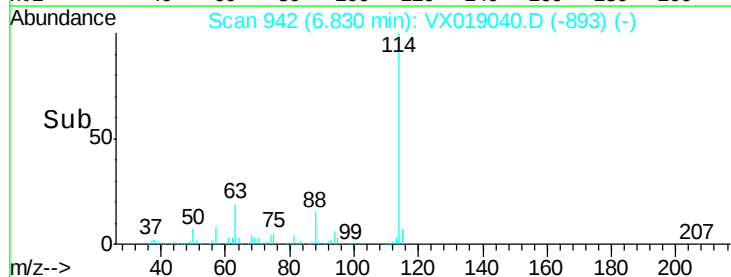
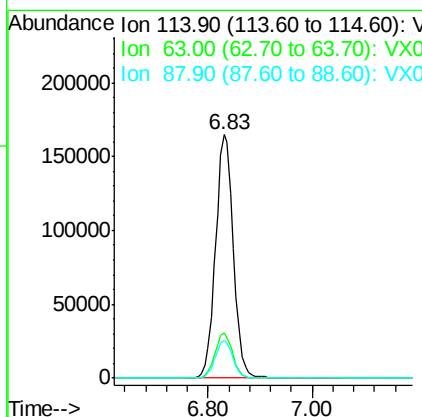
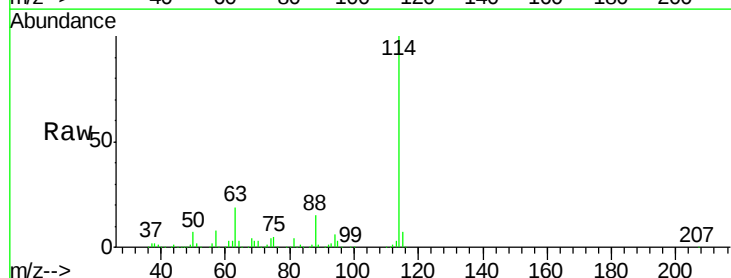
Manual Integrations
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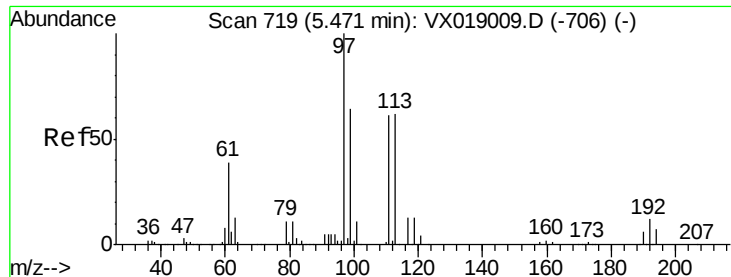
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019040.D
 Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.7	0.0	36.8	
88	15.5	0.0	30.2	





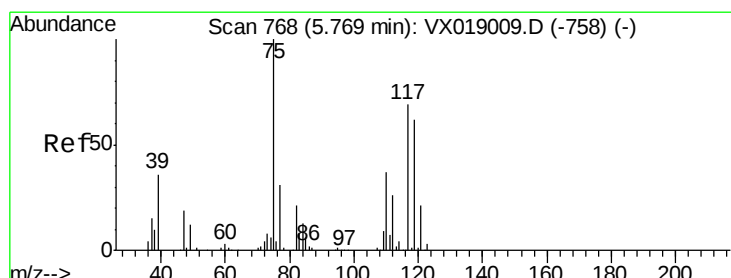
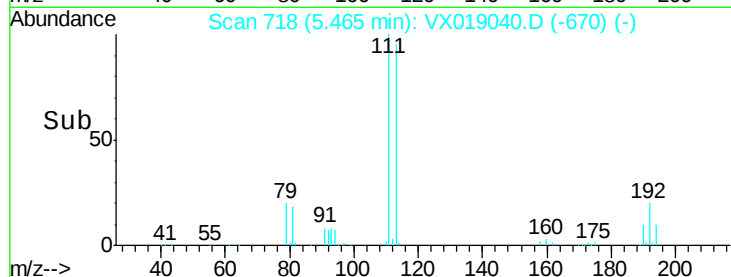
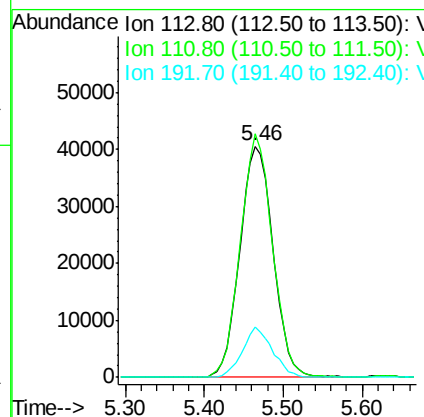
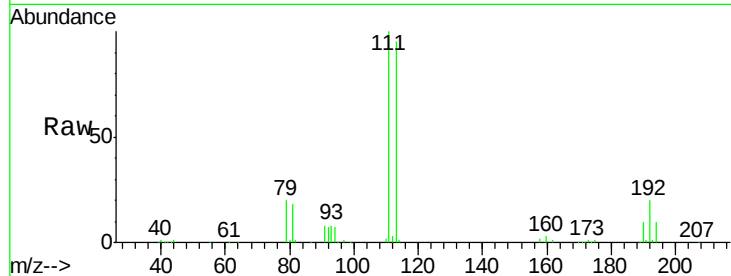
#35
 Dibromofluoromethane
 Concen: 47.958 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019040.D
 Acq: 22 Oct 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.8	81.5	122.3	
192	19.5	16.3	24.5	

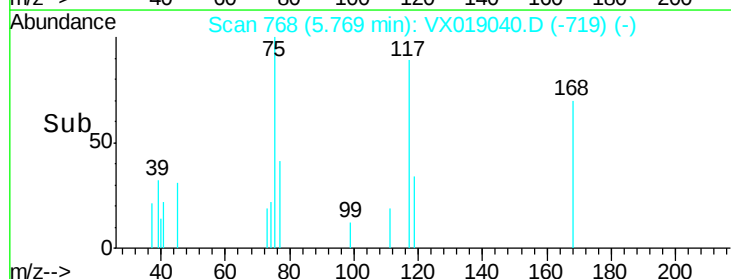
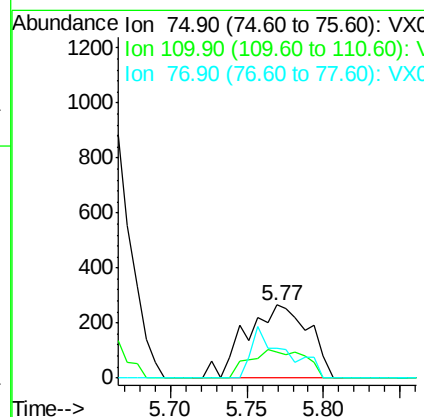
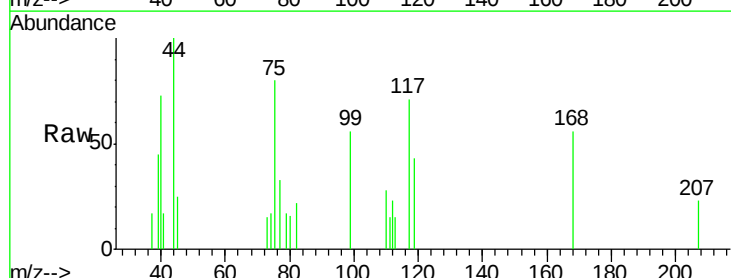
Manual Integrations
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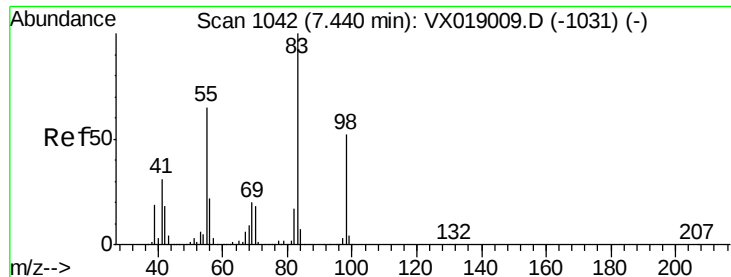
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#36
 1,1-Dichloropropene
 Concen: 0.214 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019040.D
 Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.4	19.4	58.2	
77	38.3	25.2	37.8	





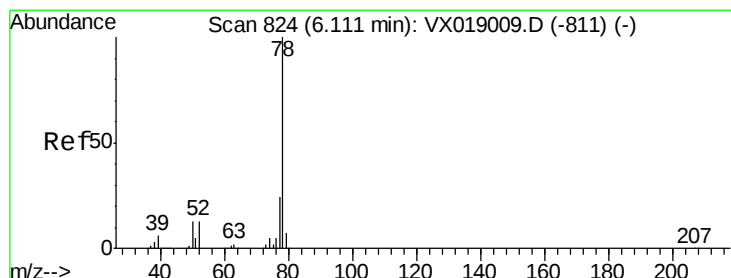
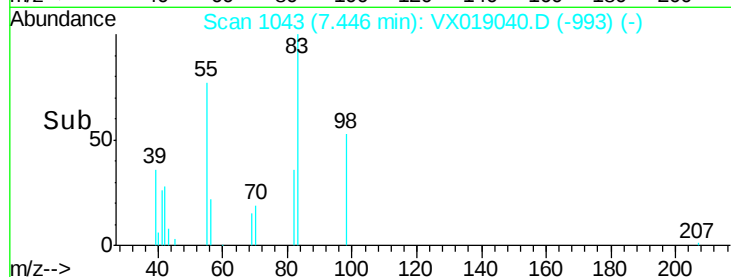
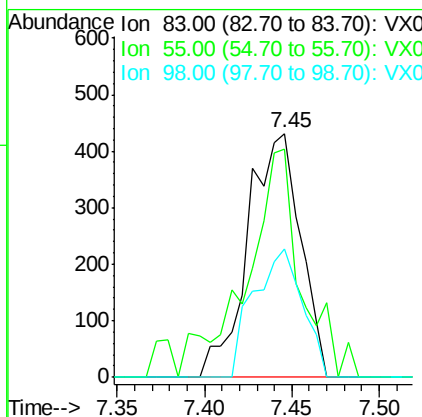
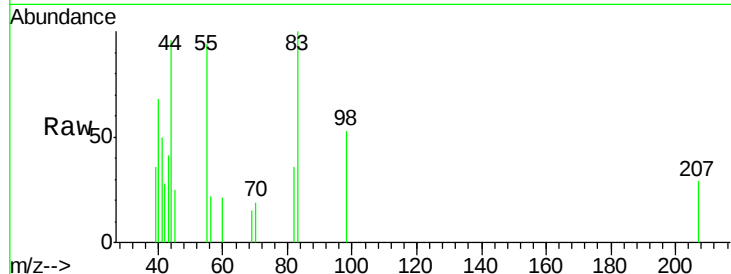
#39
Methvlcvclohexane
Concen: 0.229 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
83	100		
55	93.7	51.8	77.6#
98	52.7	41.4	62.2

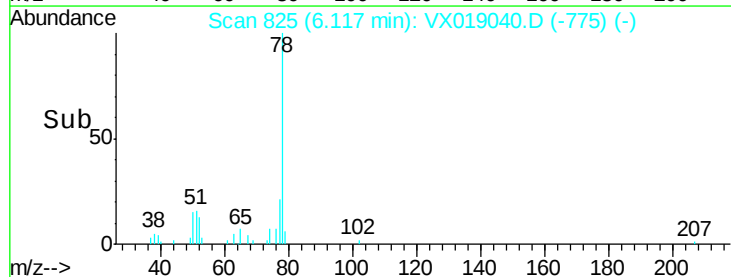
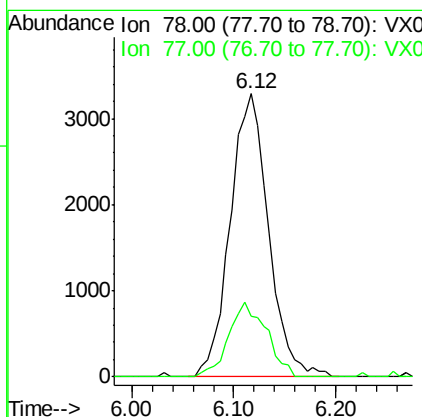
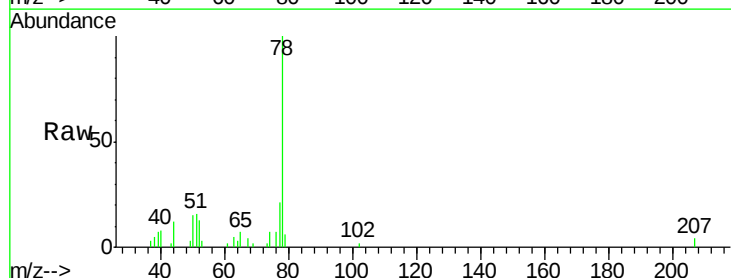
Manual Integrations
APPROVED

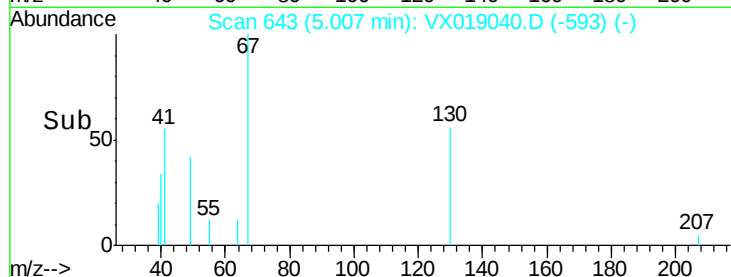
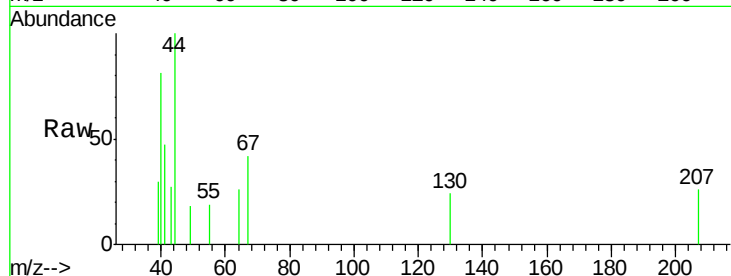
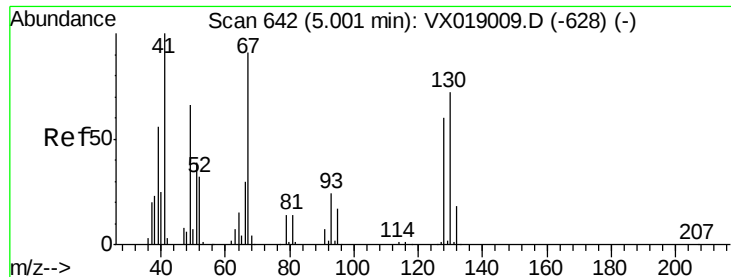
MMDadoda
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#40
Benzene
Concen: 0.825 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.3	28.9





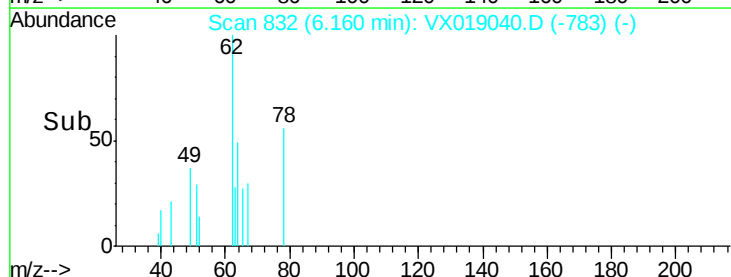
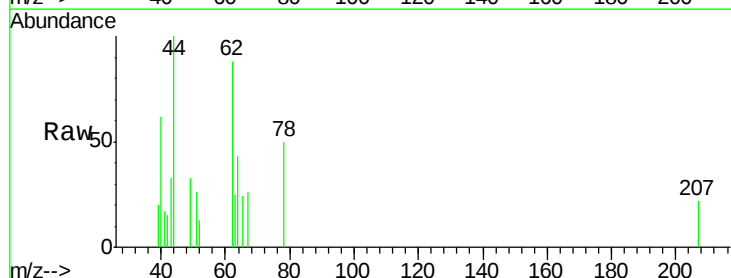
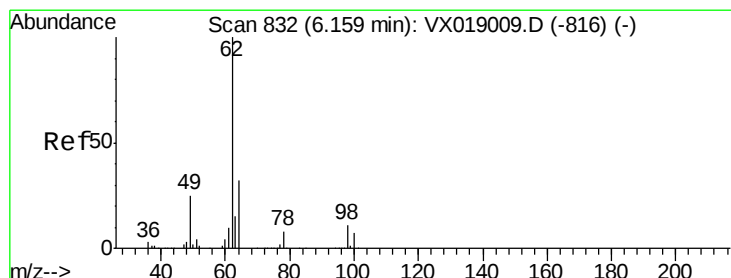
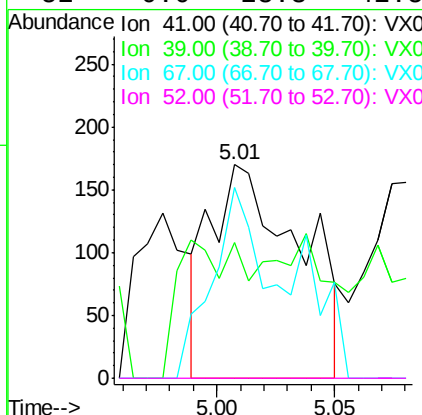
#41
Methacrylonitrile
Concen: 0.277 ug/l m
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	55.8	76.1	114.1#
52	0.0	28.3	42.5#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

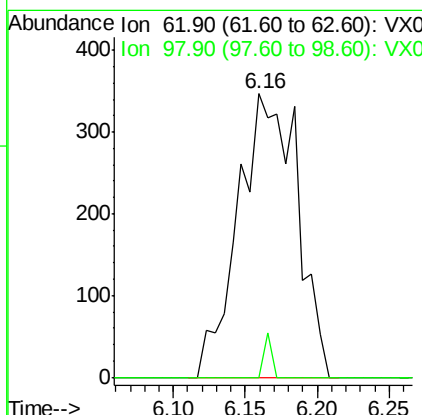
Manual Integrations
APPROVED

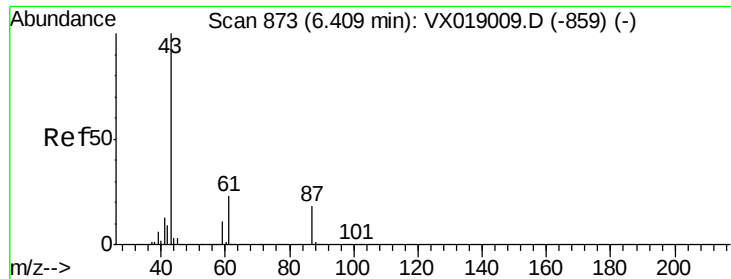
MMDadoda
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#42
1,2-Dichloroethane
Concen: 0.281 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	2.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 0.230 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

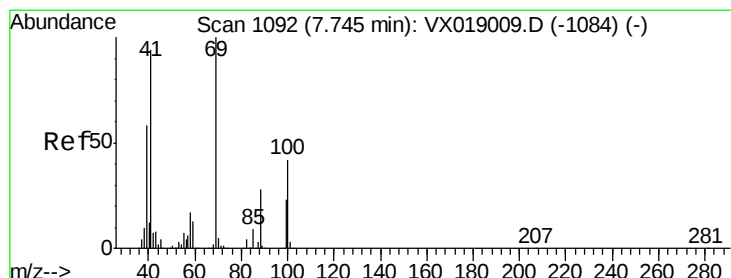
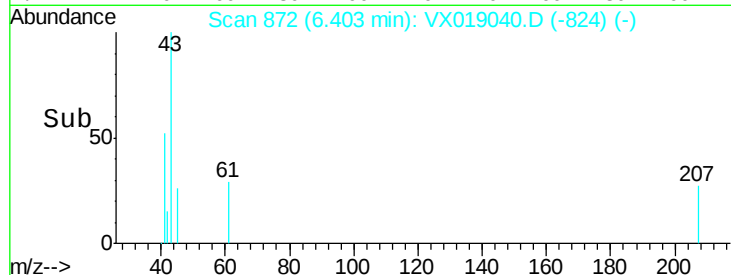
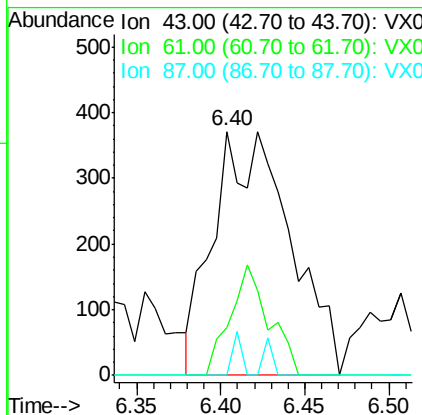
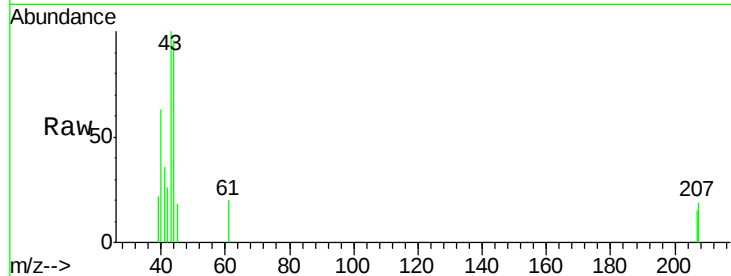
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	43	Resp:	1172
Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.7	28.1
87	2.1	14.2	21.4#

Manual Integrations
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#48

Methyl methacrylate

Concen: 0.313 ug/l

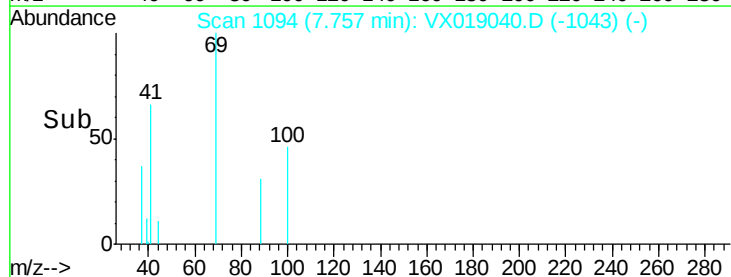
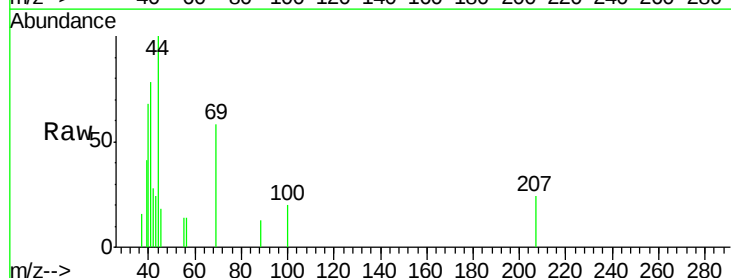
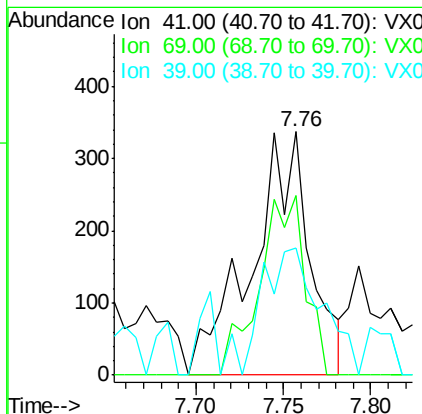
RT: 7.76 min Scan# 1094

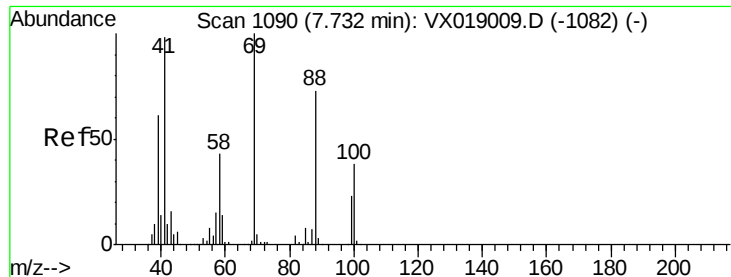
Delta R.T. 0.01 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Tgt Ion:	41	Resp:	785
Ion	Ratio	Lower	Upper
41	100		
69	58.1	85.5	128.3#
39	51.5	49.3	73.9





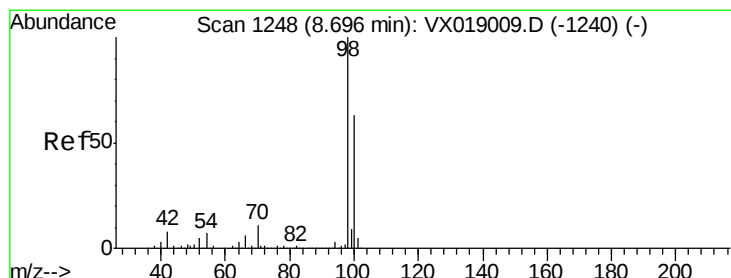
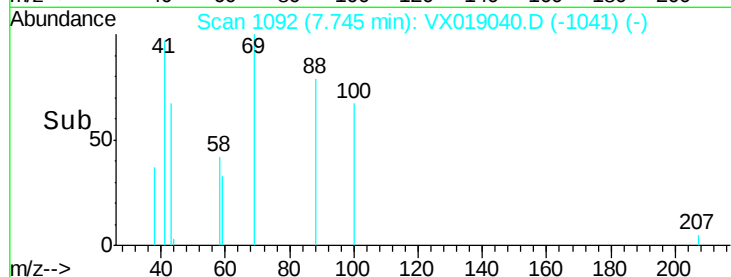
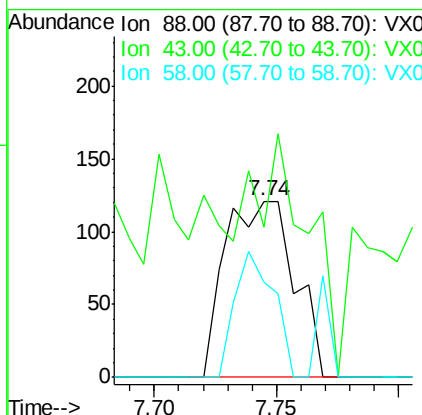
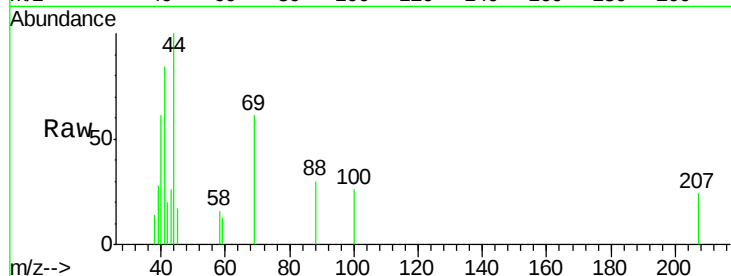
#49
1,4-Dioxane
Concen: 4.231 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
88	100		
43	111.3	20.3	30.5#
58	39.6	48.4	72.6#

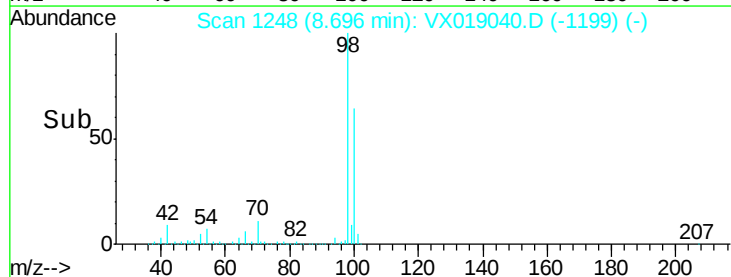
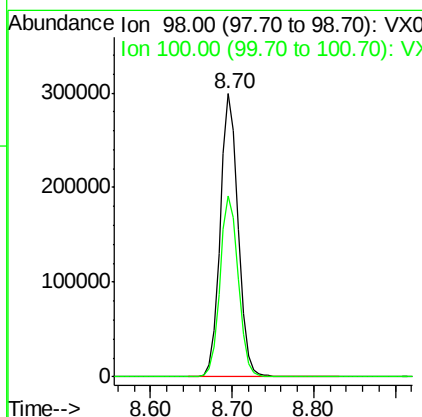
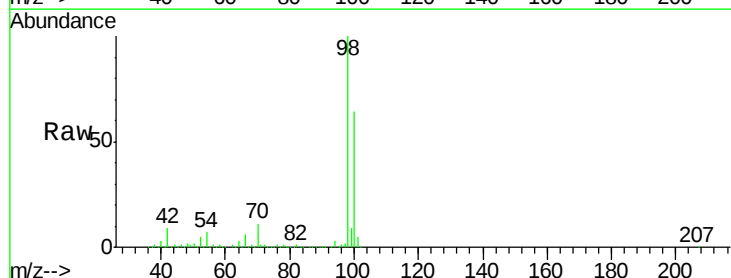
Manual Integrations
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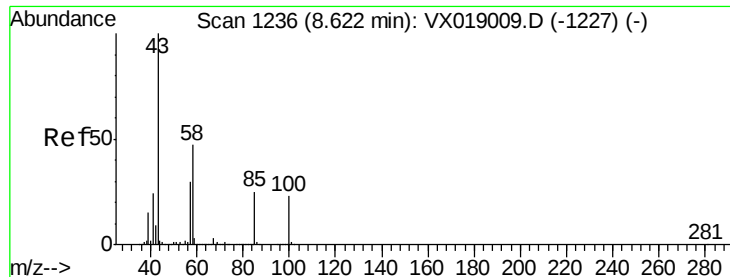
MMDadoda
10/23/2020 12:04:56 PM



#50
Toluene-d8
Concen: 48.319 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 0.869 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 2608

Ion Ratio Lower Upper

43 100

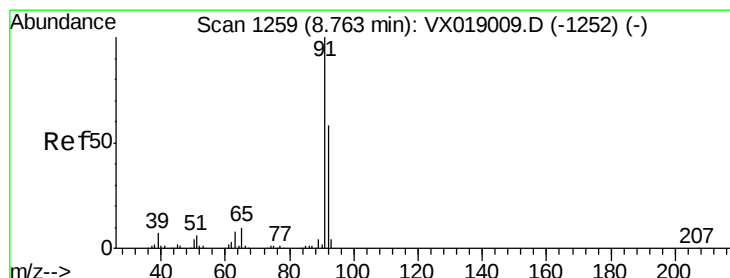
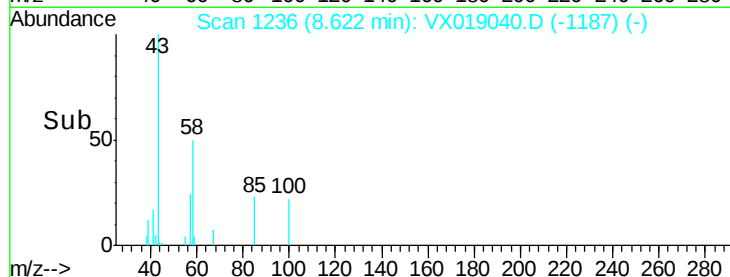
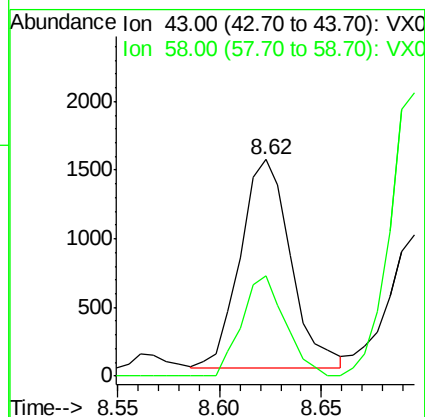
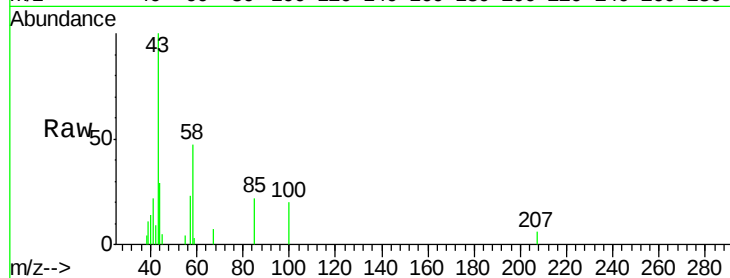
58 41.4 37.4 56.0

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#52

Toluene

Concen: 0.258 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019040.D

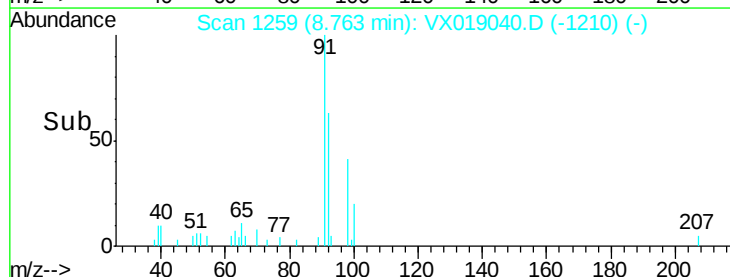
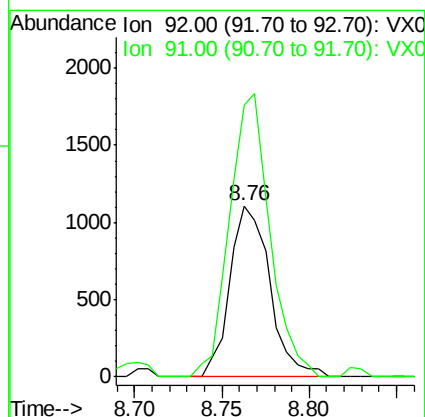
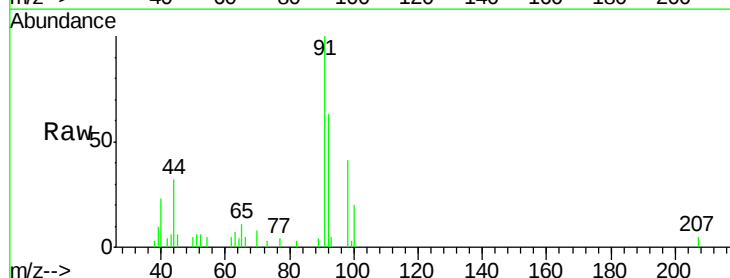
Acq: 22 Oct 2020 20:06

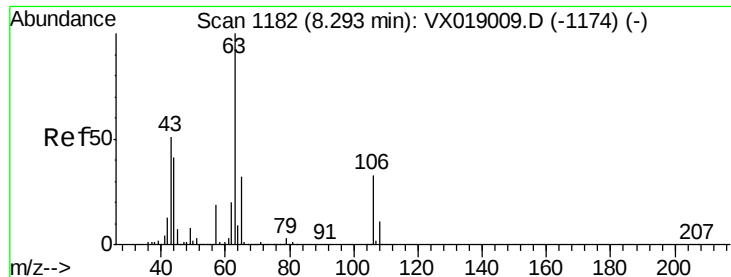
Tgt Ion: 92 Resp: 1767

Ion Ratio Lower Upper

92 100

91 166.0 138.6 208.0





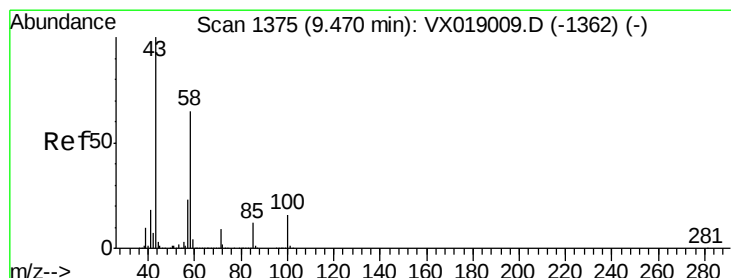
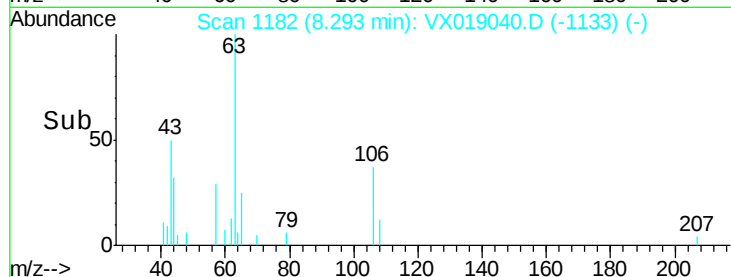
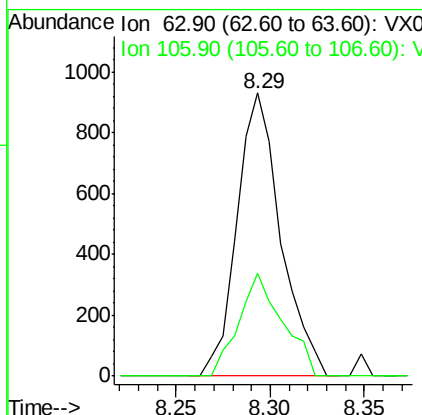
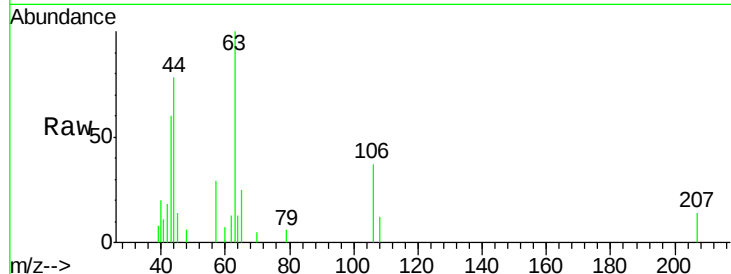
#58
 2-Chloroethyl Vinyl ether
 Concen: 0.708 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX019040.D
 Acq: 22 Oct 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion: 63 Resp: 1495
 Ion Ratio Lower Upper
 63 100
 106 36.1 26.0 39.0

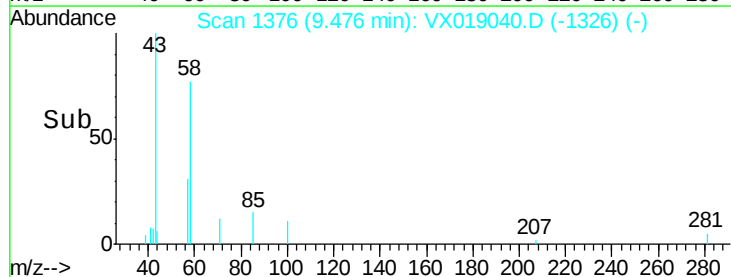
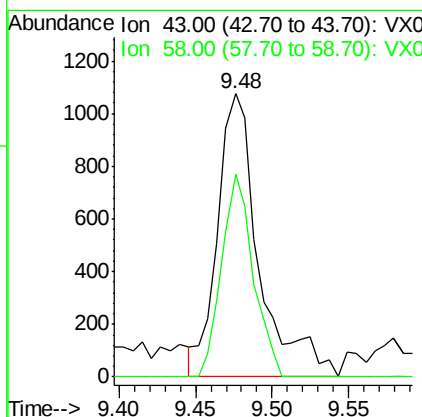
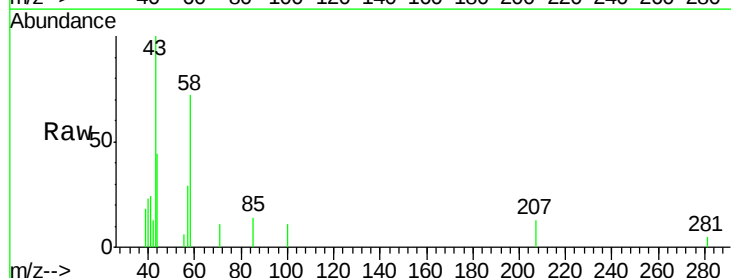
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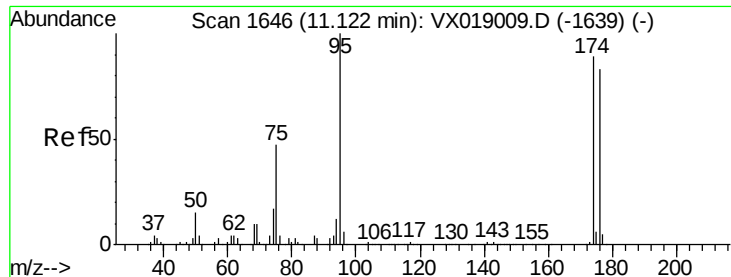
MMDadoda
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#59
 2-Hexanone
 Concen: 0.908 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX019040.D
 Acq: 22 Oct 2020 20:06

Tgt Ion: 43 Resp: 2031
 Ion Ratio Lower Upper
 43 100
 58 54.4 32.8 98.4





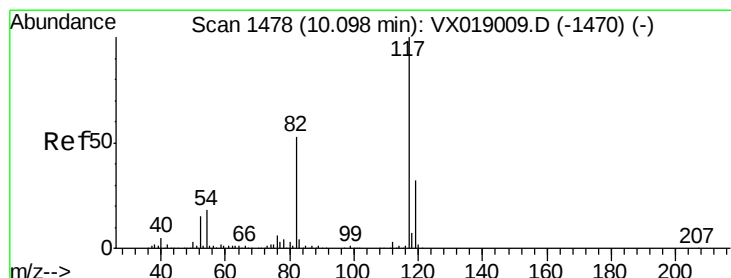
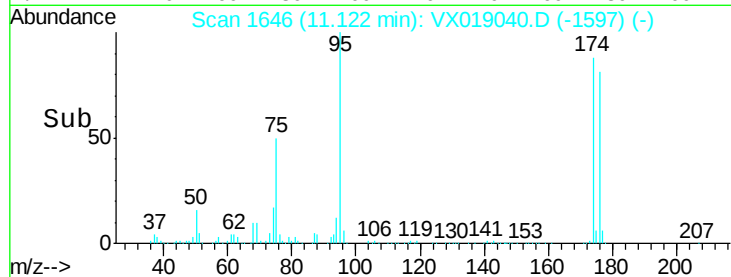
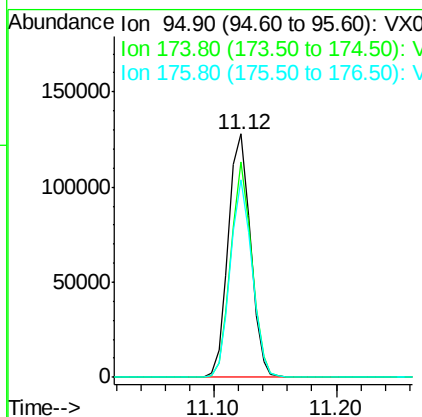
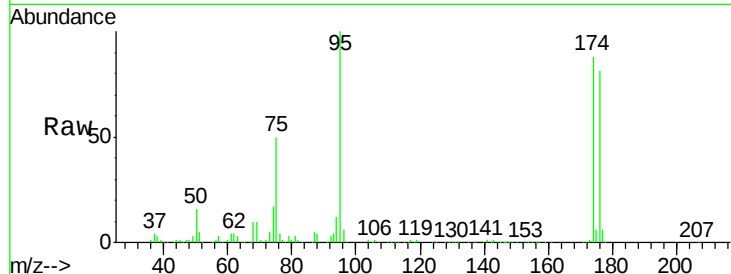
#62
4-Bromofluorobenzene
Concen: 47.661 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
95	100	160894		
174	83.5	0.0	167.6	
176	79.3	0.0	165.2	

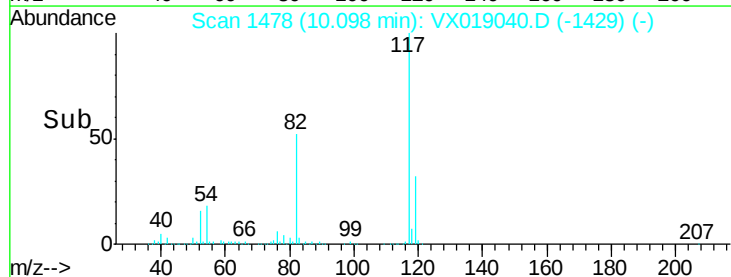
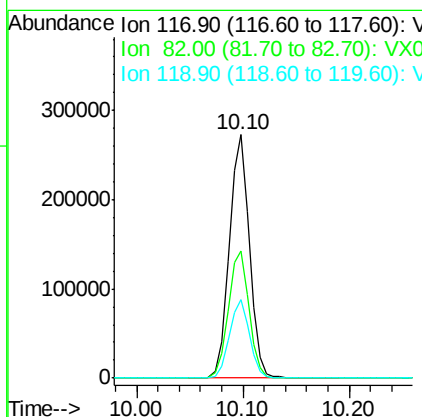
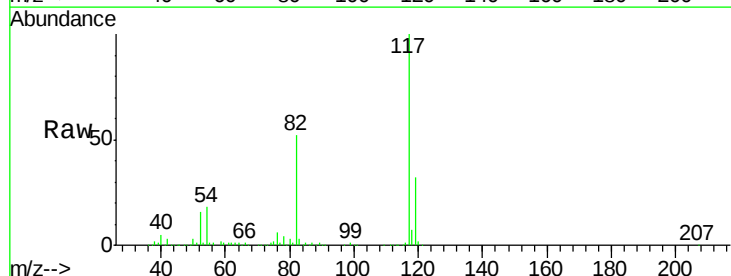
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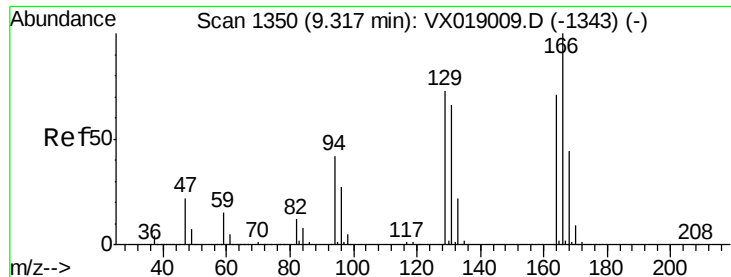
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	362622		
82	52.1	42.4	63.6	
119	32.1	25.6	38.4	





#64

Tetrachloroethene

Concen: 0.227 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:164 Resp: 628

Ion Ratio Lower Upper

164 100

166 103.3 112.2 168.4#

129 53.3 81.8 122.8#

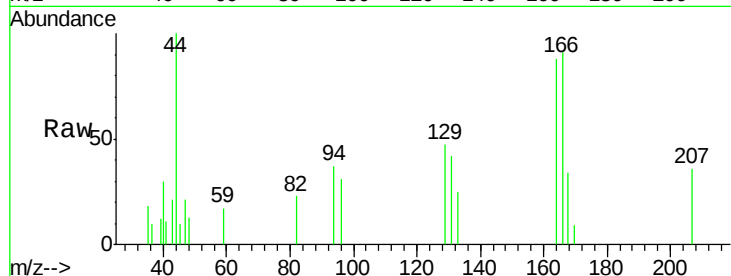
131 47.7 74.6 112.0#

Manual Integrations

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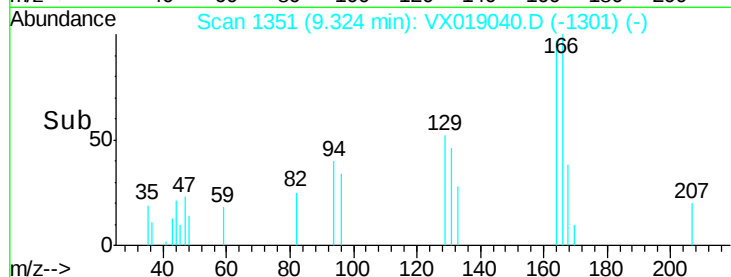
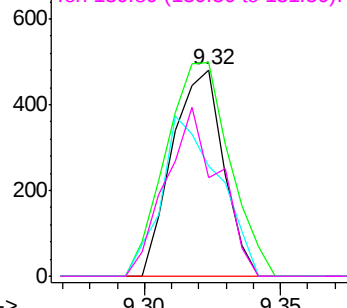


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 1.226 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019040.D

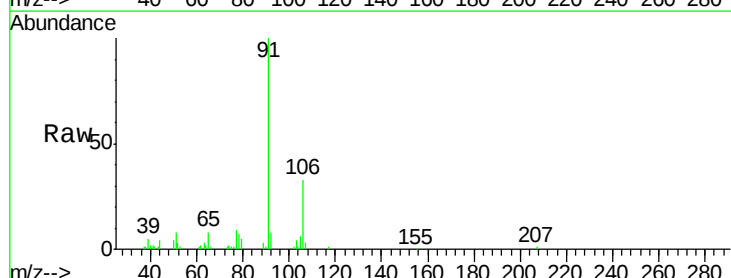
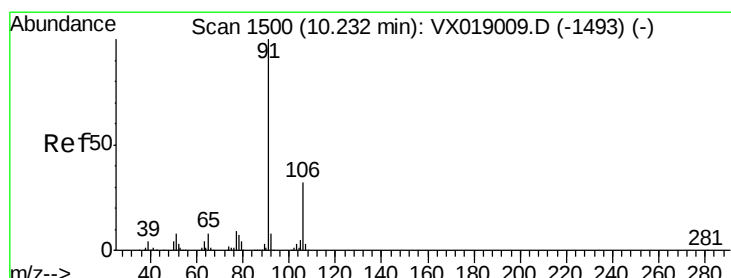
Acq: 22 Oct 2020 20:06

Tgt Ion: 91 Resp: 16077

Ion Ratio Lower Upper

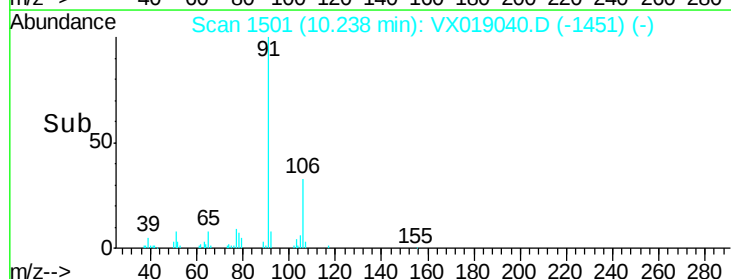
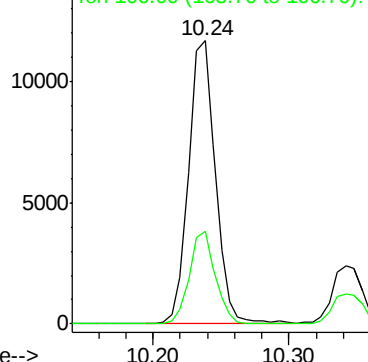
91 100

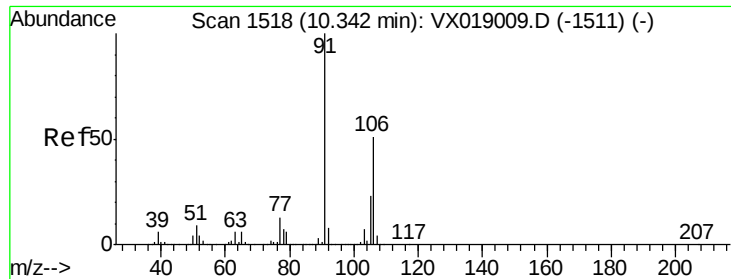
106 33.0 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





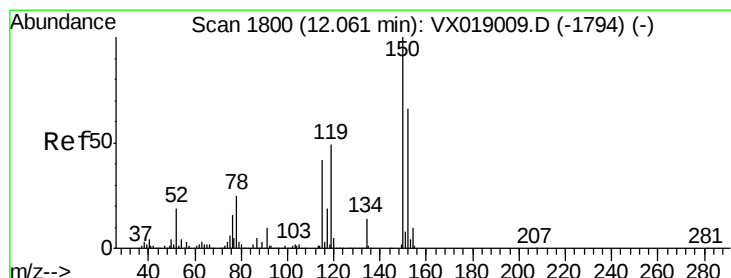
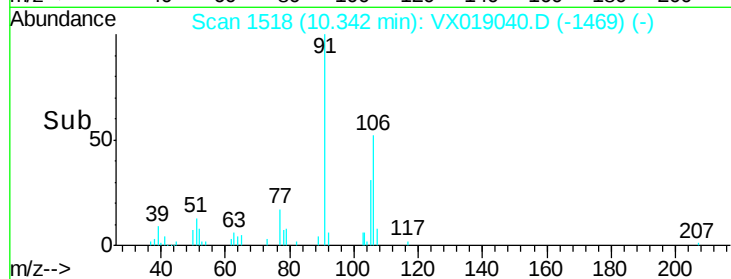
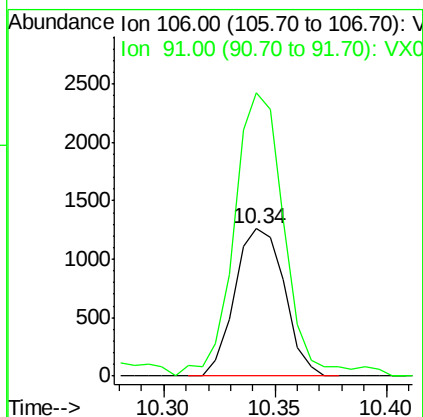
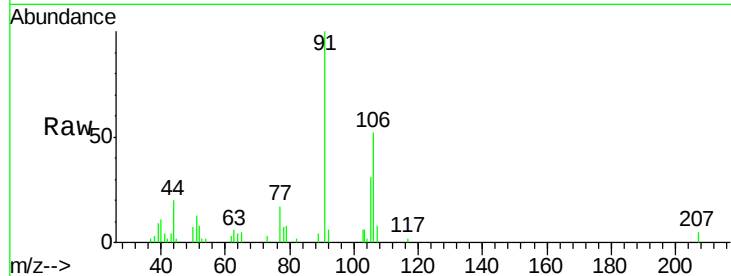
#68
m/p-Xvlenes
Concen: 0.388 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion:106 Resp: 1947
Ion Ratio Lower Upper
106 100
91 195.3 156.9 235.3

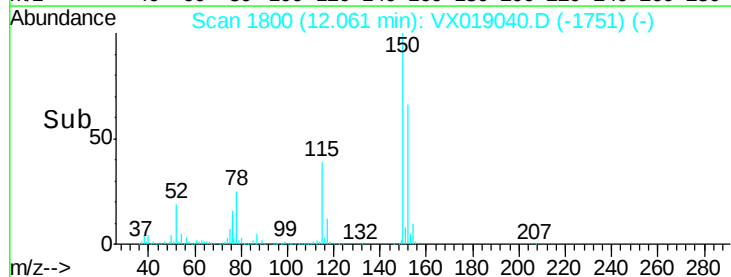
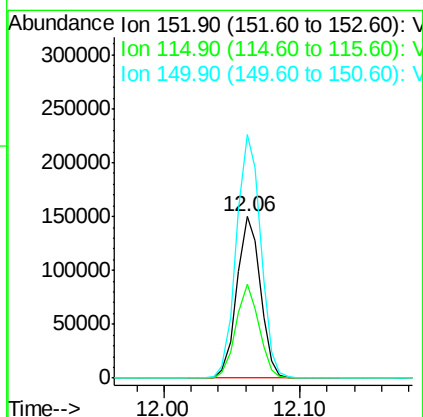
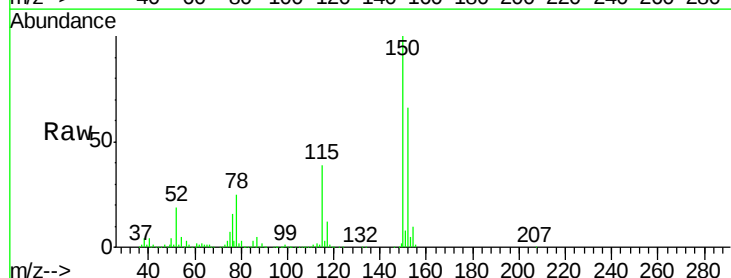
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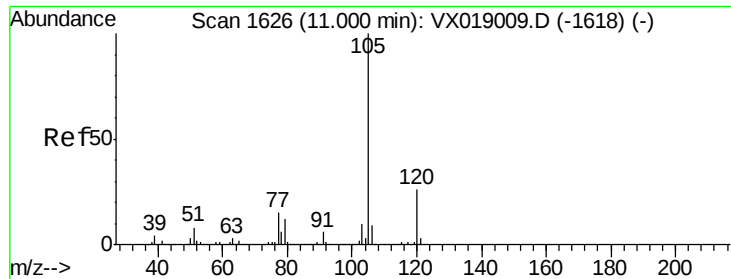
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion:152 Resp: 181440
Ion Ratio Lower Upper
152 100
115 56.8 40.8 122.5
150 154.6 0.0 345.6





#73

Isopropylbenzene

Concen: 0.443 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 5781

Ion Ratio Lower Upper

105 100

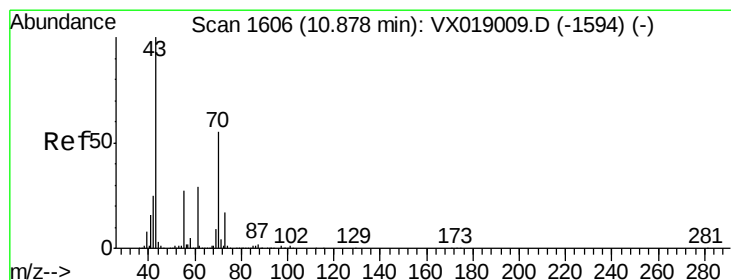
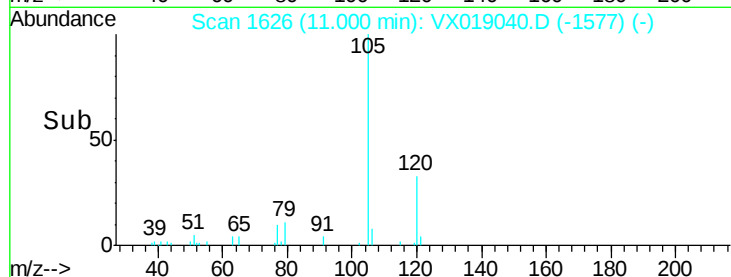
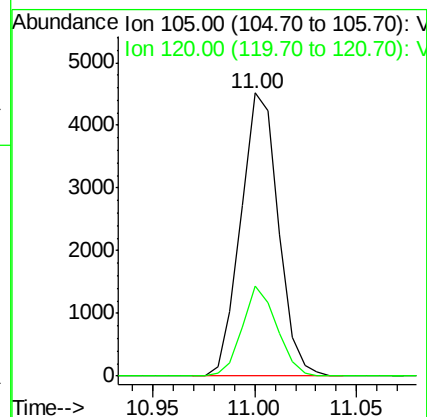
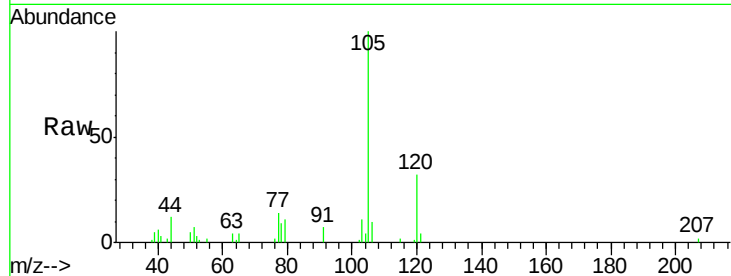
120 29.2 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 0.227 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Tgt Ion: 43 Resp: 951

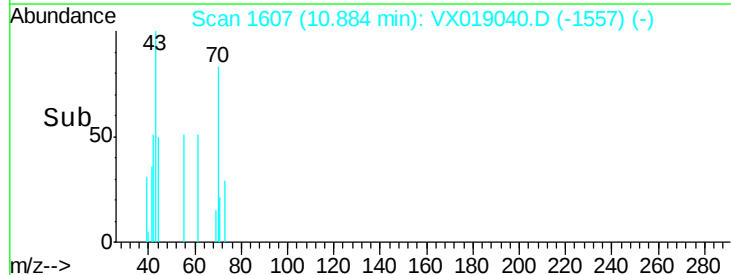
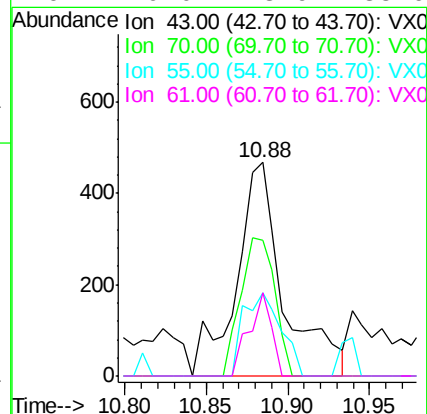
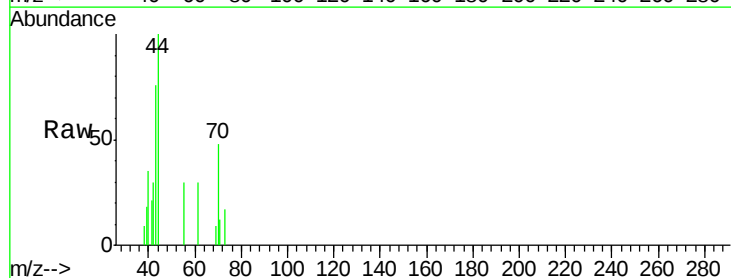
Ion Ratio Lower Upper

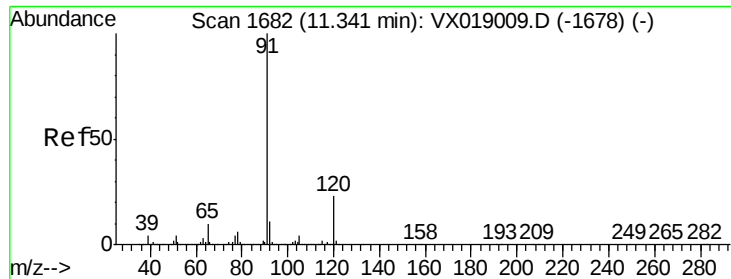
43 100

70 46.6 44.5 66.7

55 30.6 21.9 32.9

61 0.0 23.9 35.9#





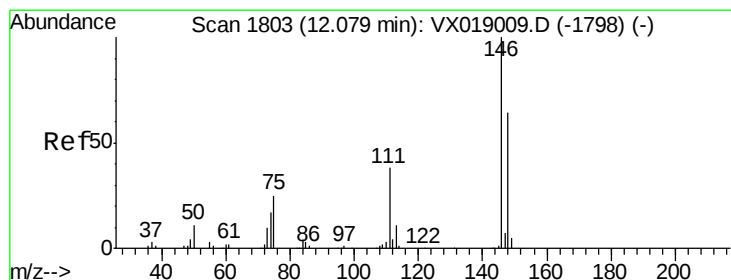
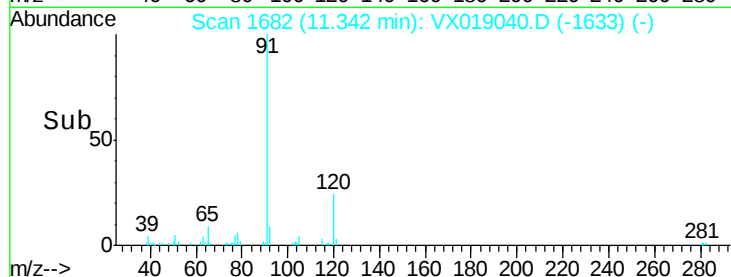
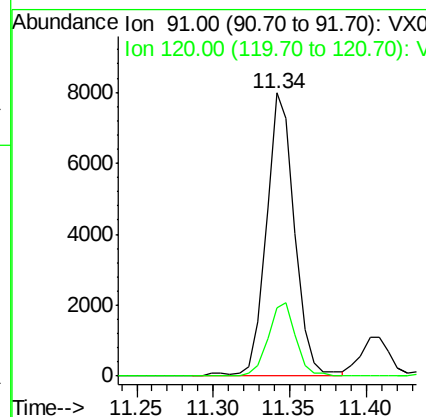
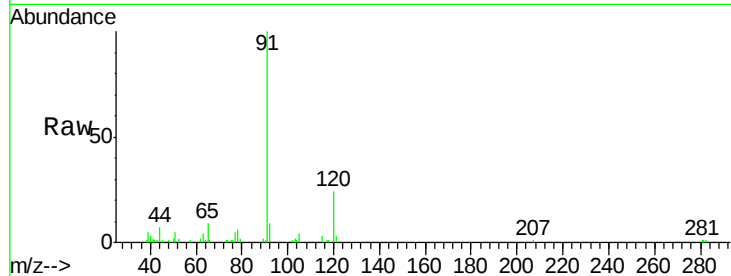
#78
n-propylbenzene
Concen: 0.696 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.1	36.3

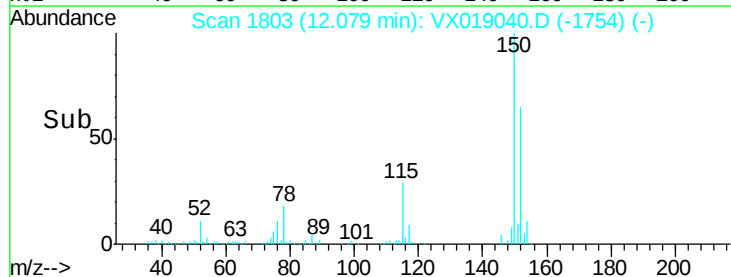
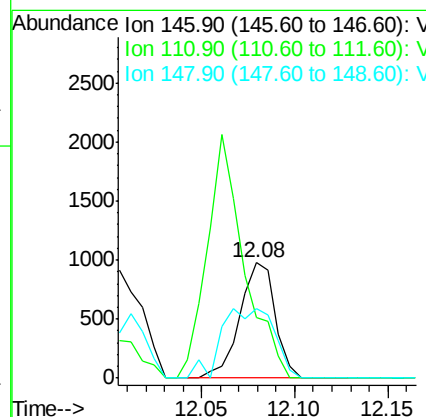
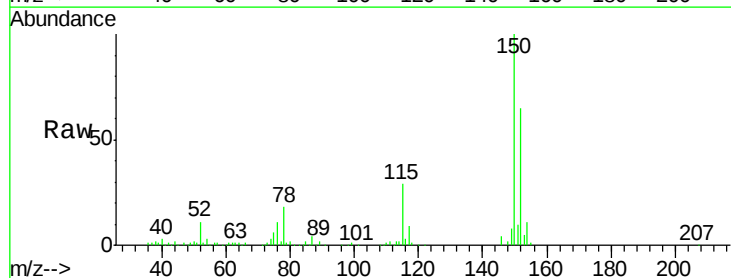
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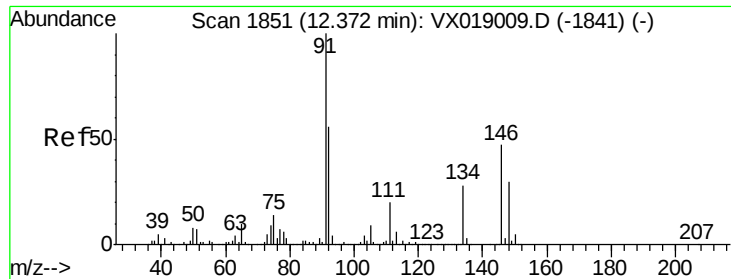
MMDadoda
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#88
1,4-Dichlorobenzene
Concen: 0.208 ug/l m
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.1	19.4	58.2
148	52.4	32.2	96.6





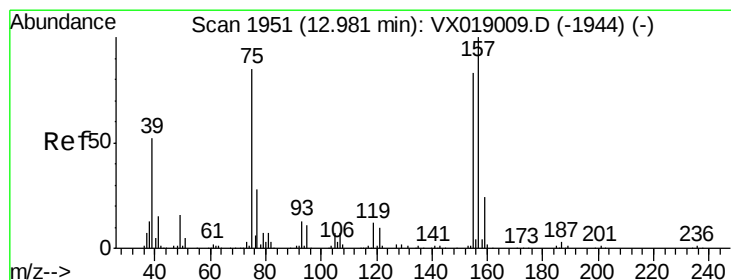
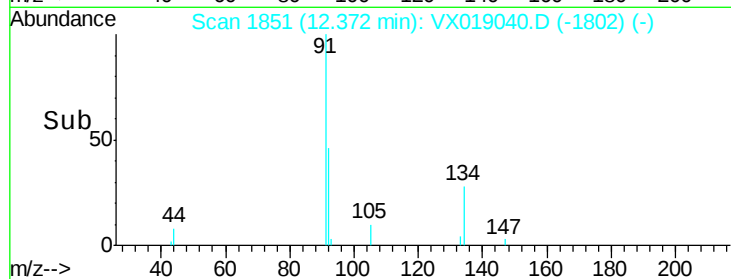
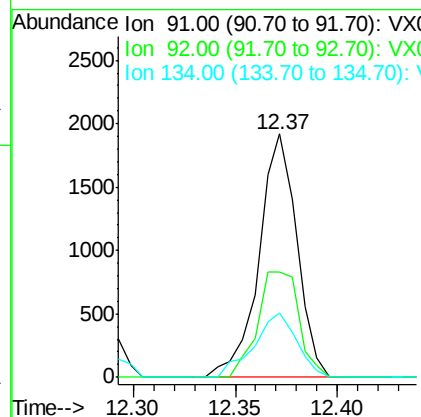
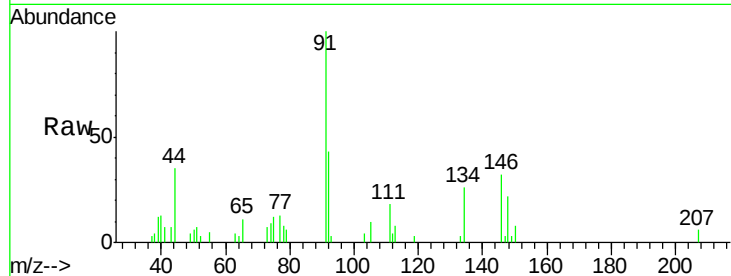
#89
n-Butylbenzene
Concen: 0.231 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
91	100		
92	47.5	27.3	81.9
134	29.9	13.6	40.7

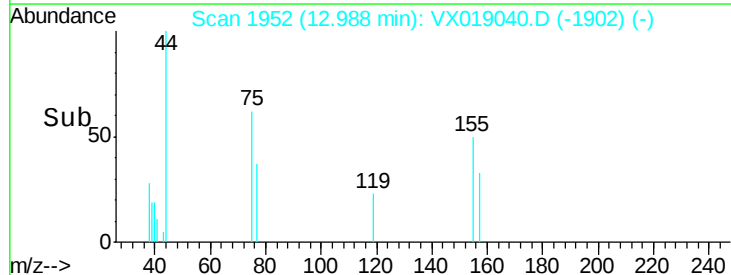
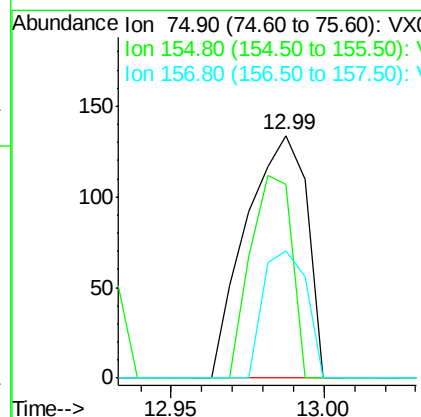
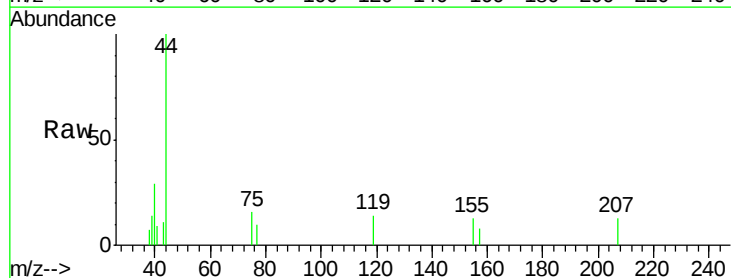
Manual Integrations
APPROVED

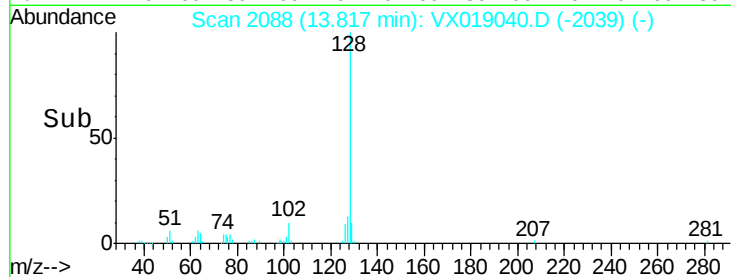
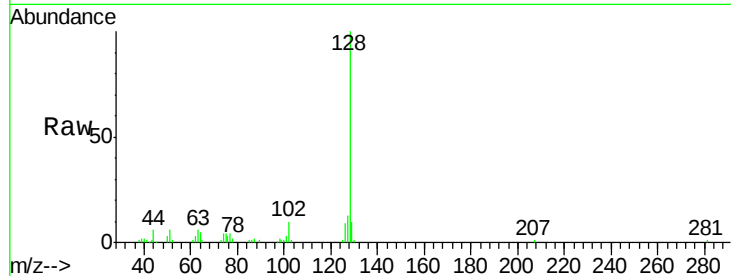
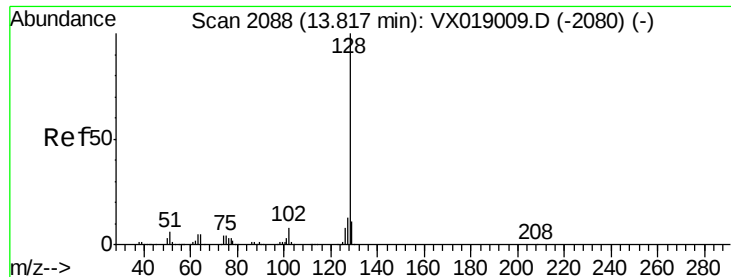
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#92
1,2-Dibromo-3-Chloropropane
Concen: 0.206 ug/l
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX019040.D
Acq: 22 Oct 2020 20:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	57.1	47.3	142.0
157	38.0	59.7	179.0





#95

Naphthalene

Concen: 1.502 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019040.D

Acq: 22 Oct 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:128 Resp: 19499

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.4 8.7 13.1

Manual Integrations

APPROVED

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