

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015104.D
 Acq On : 05 Mar 2020 12:18
 Operator : JC/SP
 Sample : L1161-07 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Manual Integrations
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 3/6/2020 4:49:58 PM

Quant Time: Mar 06 04:22:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	279957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	463892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	435372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	212102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	204762	61.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.30%	
35) Dibromofluoromethane	5.49	113	160592	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
50) Toluene-d8	8.71	98	586578	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.13	95	203615	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	5634	2.298	ug/l	89
3) Chloromethane	1.32	50	10675	3.074	ug/l	99
4) Vinyl Chloride	1.40	62	9349	2.655	ug/l	97
5) Bromomethane	1.64	94	8484	3.919	ug/l	94
6) Chloroethane	1.72	64	6147	2.910	ug/l	100
7) Trichlorofluoromethane	1.92	101	10491	2.504	ug/l	99
8) Diethyl Ether	2.18	74	6175	3.254	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6979	2.648	ug/l	99
10) Methyl Iodide	2.50	142	6606	2.218	ug/l #	85
11) Tert butyl alcohol	3.02	59	14289	24.797	ug/l	98
12) 1,1-Dichloroethene	2.37	96	7868	2.892	ug/l	96
13) Acrolein	2.28	56	9052	16.715	ug/l	93
14) Allyl chloride	2.72	41	13487	2.843	ug/l	97
15) Acrylonitrile	3.13	53	23419	16.319	ug/l	97
16) Acetone	2.44	43	24345	18.099	ug/l	96
17) Carbon Disulfide	2.56	76	19623	2.597	ug/l	97
18) Methyl Acetate	2.76	43	11355	3.452	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	25360	2.983	ug/l	100
20) Methylene Chloride	2.85	84	10291	3.269	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	7963	2.741	ug/l	92
22) Diisopropyl ether	3.84	45	27525	2.912	ug/l #	82
23) Vinyl Acetate	3.81	43	112301	14.455	ug/l	100
24) 1,1-Dichloroethane	3.69	63	15860	3.024	ug/l	94
25) 2-Butanone	4.67	43	31993	16.247	ug/l	95
26) 2,2-Dichloropropane	4.58	77	10448	2.509	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	9740	2.989	ug/l	96
28) Bromochloromethane	5.00	49	7722	3.233	ug/l	92
29) Tetrahydrofuran	5.12	42	19830	15.622	ug/l	97
30) Chloroform	5.20	83	16016	3.133	ug/l	96
31) Cyclohexane	5.58	56	9912	2.119	ug/l #	90
32) 1,1,1-Trichloroethane	5.48	97	11605	2.738	ug/l #	90
36) 1,1-Dichloropropene	5.80	75	9859	2.299	ug/l	92
37) Ethyl Acetate	4.83	43	11965	3.008	ug/l #	90
38) Carbon Tetrachloride	5.78	117	10092	2.493	ug/l	86

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	9906	1.978	ug/l	96
40) Benzene	6.14	78	34765	2.732	ug/l	95
41) Methacrylonitrile	5.04	41	7402	3.098	ug/l #	88
42) 1,2-Dichloroethane	6.19	62	14693	3.363	ug/l	86
43) Isopropyl Acetate	6.43	43	19085	2.727	ug/l #	89
44) Trichloroethene	7.21	130	9625	2.716	ug/l	99
45) 1,2-Dichloropropane	7.51	63	8587	2.607	ug/l	93
46) Dibromomethane	7.65	93	6037	2.813	ug/l	95
47) Bromodichloromethane	7.89	83	11651	2.746	ug/l	96
48) Methyl methacrylate	7.76	41	8727	2.450	ug/l	94
49) 1,4-Dioxane	7.74	88	4594	59.655	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	56961	13.766	ug/l	99
52) Toluene	8.78	92	22495	2.892	ug/l	89
53) t-1,3-Dichloropropene	9.04	75	11060	2.449	ug/l #	84
54) cis-1,3-Dichloropropene	8.43	75	12486	2.445	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	9880	3.086	ug/l	94
56) Ethyl methacrylate	9.17	69	12625	2.764	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	16186	3.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	29002	11.656	ug/l	98
59) 2-Hexanone	9.48	43	41981	13.689	ug/l	98
60) Dibromochloromethane	9.57	129	9082	2.700	ug/l	97
61) 1,2-Dibromoethane	9.67	107	9078	2.699	ug/l	96
64) Tetrachloroethene	9.33	164	8733	2.426	ug/l	90
65) Chlorobenzene	10.14	112	23354	2.672	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.21	131	8570	2.600	ug/l	96
67) Ethyl Benzene	10.25	91	36264	2.443	ug/l	100
68) m/p-Xylenes	10.36	106	26599	4.710	ug/l	98
69) o-Xylene	10.69	106	13407	2.480	ug/l	99
70) Styrene	10.71	104	21011	2.266	ug/l	96
71) Bromoform	10.85	173	6180	2.418	ug/l #	100
73) Isopropylbenzene	11.01	105	32832	2.423	ug/l	97
74) N-amyl acetate	10.89	43	14580	2.553	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	12760	2.826	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	12971m	3.066	ug/l	
77) Bromobenzene	11.25	156	10203	2.702	ug/l	97
78) n-propylbenzene	11.35	91	36604	2.365	ug/l	97
79) 2-Chlorotoluene	11.42	91	23521	2.544	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	26824	2.378	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	3237m	2.171	ug/l	
82) 4-Chlorotoluene	11.51	91	27569	2.524	ug/l	100
83) tert-Butylbenzene	11.76	119	26431	2.423	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	28507	2.516	ug/l	100
85) sec-Butylbenzene	11.94	105	29708	2.256	ug/l	98
86) p-Isopropyltoluene	12.06	119	26903	2.218	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	17083	2.574	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	18526	2.703	ug/l	87
89) n-Butylbenzene	12.39	91	22028	2.042	ug/l	100
90) Hexachloroethane	12.59	117	5152	2.247	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	18162	2.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2979	3.295	ug/l	95

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LOD-MDL-WATER-01-QT1-2020DL

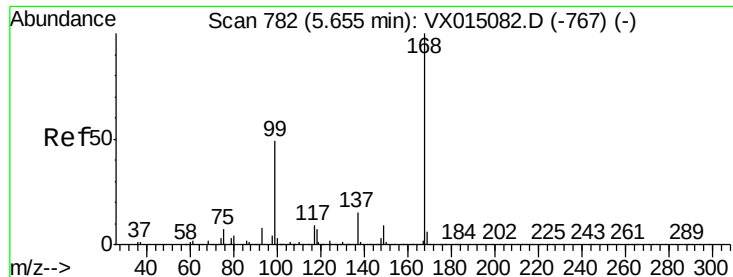
Manual Integrations
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Quant Time: Mar 06 04:22:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 06 03:01:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	11278	2.462	ug/l	97
94) Hexachlorobutadiene	13.78	225	4911	2.089	ug/l	95
95) Naphthalene	13.83	128	27981	2.235	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	11651	2.549	ug/l	99

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



#1

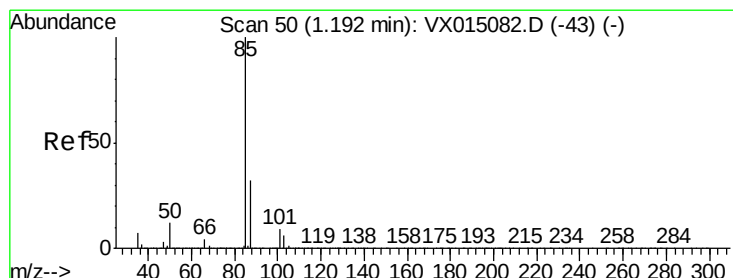
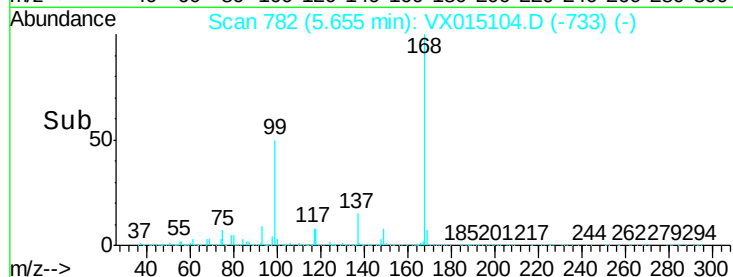
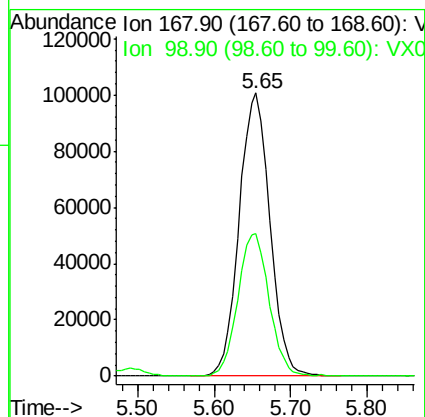
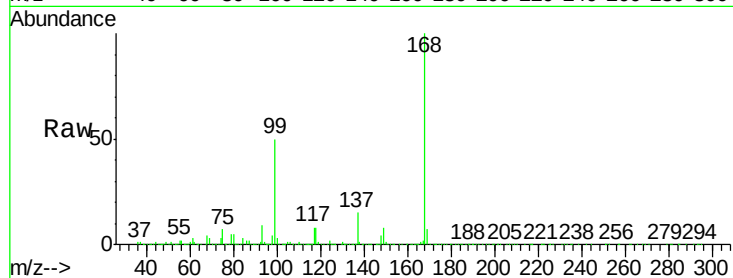
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.4	59.2

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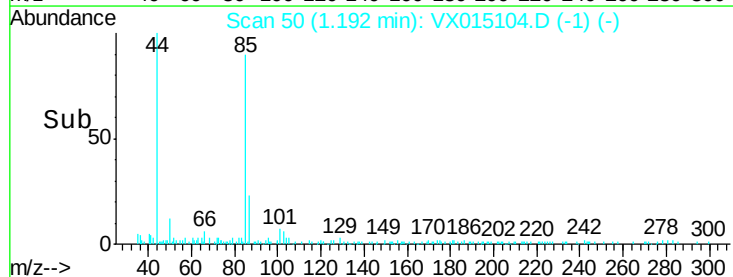
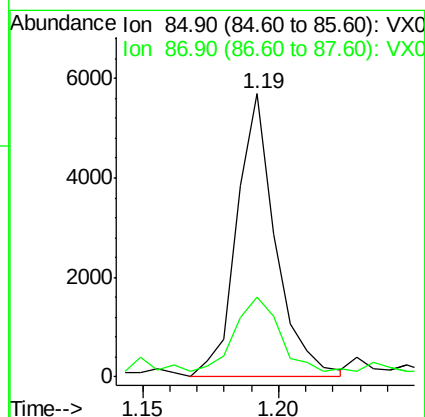
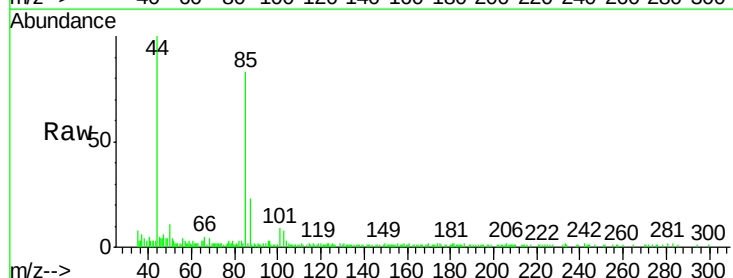
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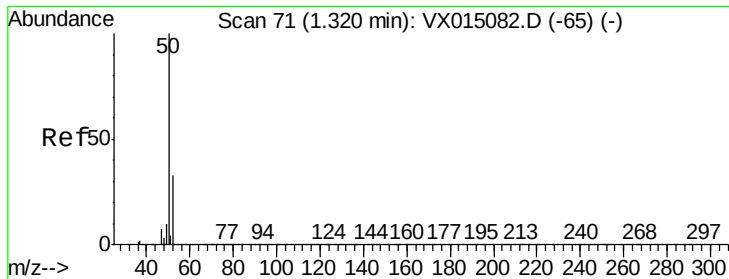


#2

Dichlorodifluoromethane
Concen: 2.298 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	26.1	16.2	48.5





#3

Chloromethane

Concen: 3.074 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 50 Resp: 10675

Ion Ratio Lower Upper

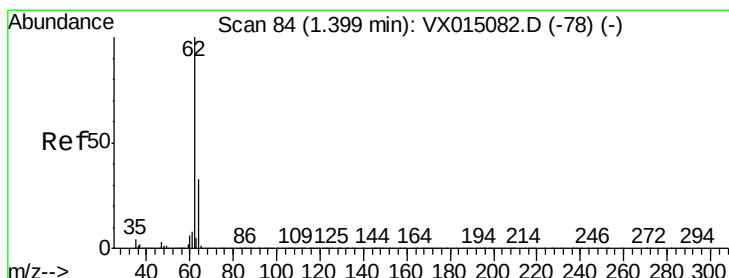
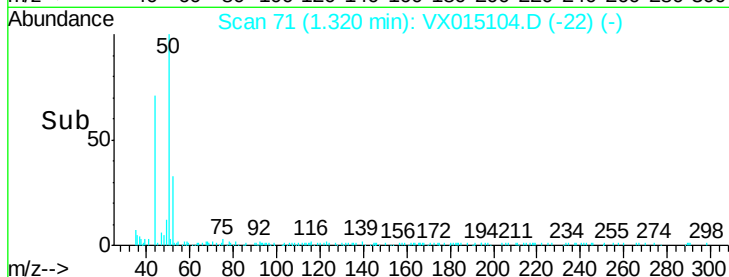
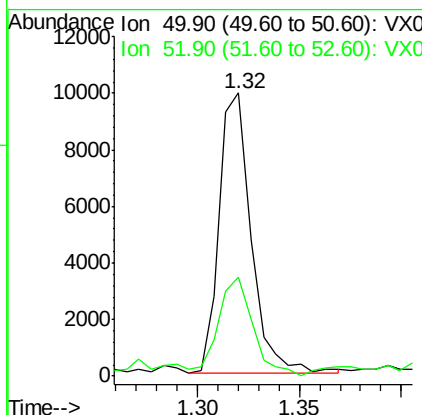
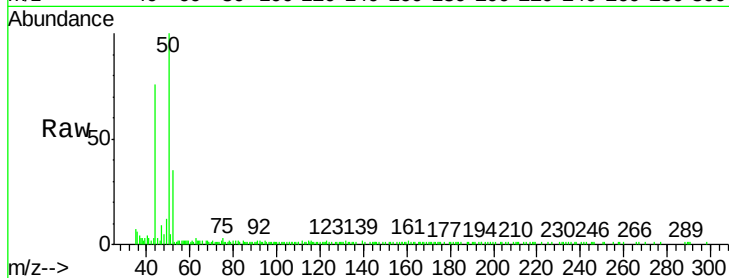
50 100

52 33.4 26.2 39.2

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#4

Vinyl Chloride

Concen: 2.655 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015104.D

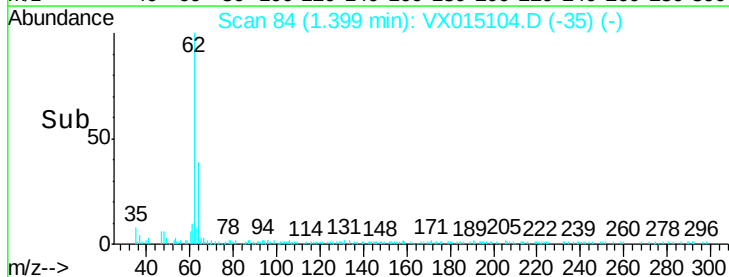
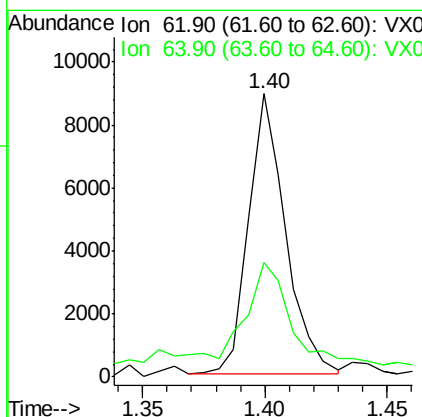
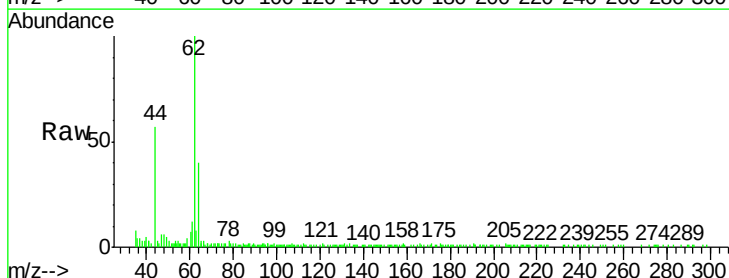
Acq: 05 Mar 2020 12:18

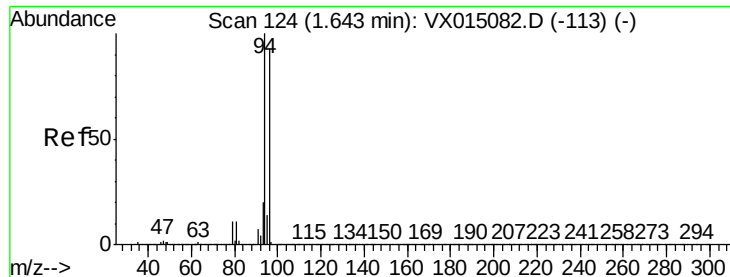
Tgt Ion: 62 Resp: 9349

Ion Ratio Lower Upper

62 100

64 34.1 26.1 39.1





#5

Bromomethane

Concen: 3.919 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 94 Resp: 8484

Ion Ratio Lower Upper

94 100

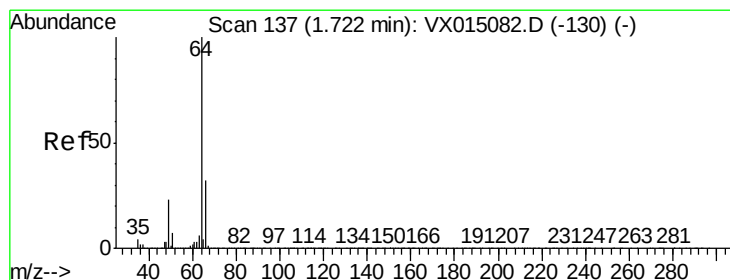
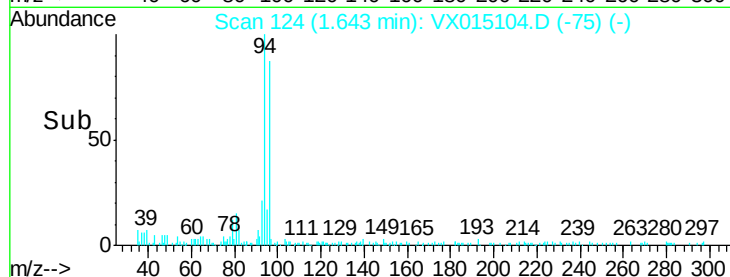
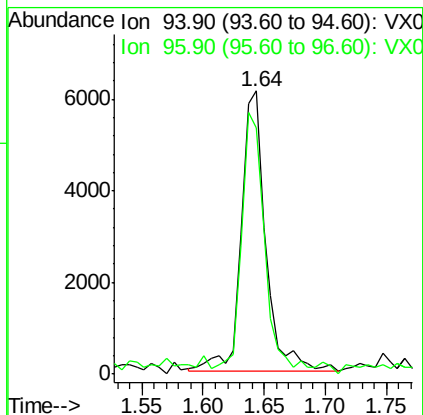
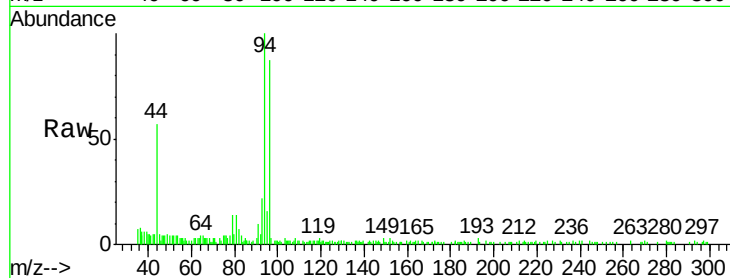
96 87.8 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 2.910 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015104.D

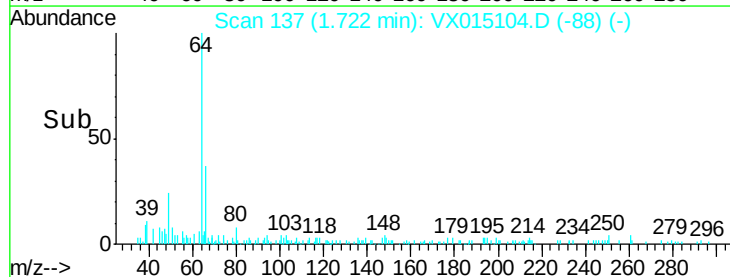
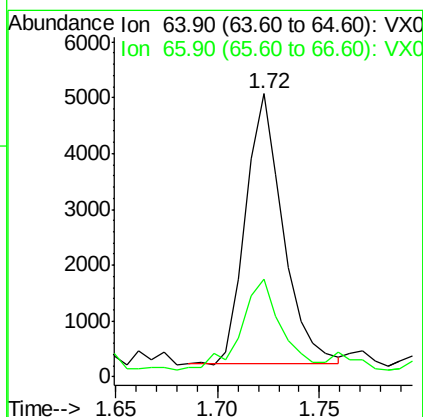
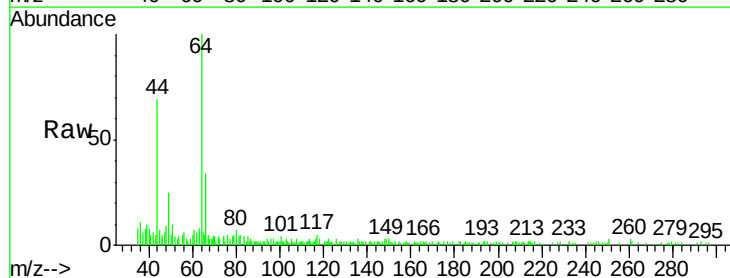
Acq: 05 Mar 2020 12:18

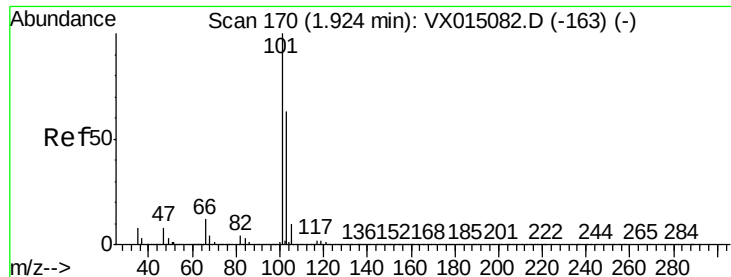
Tgt Ion: 64 Resp: 6147

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.8





#7

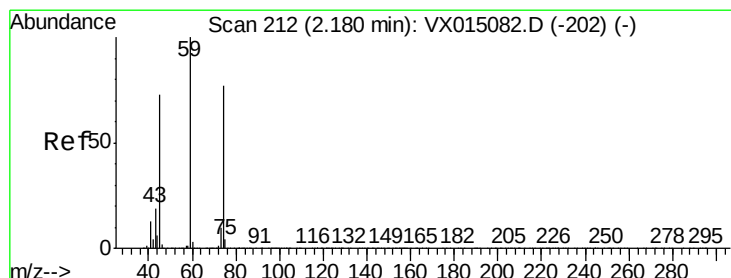
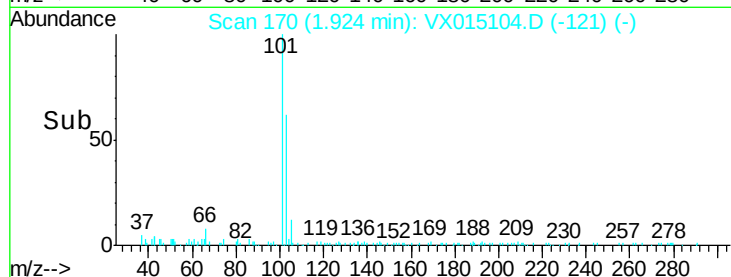
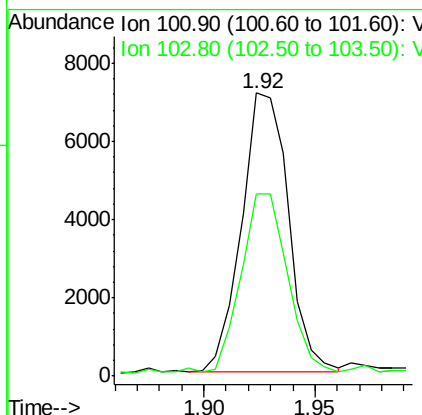
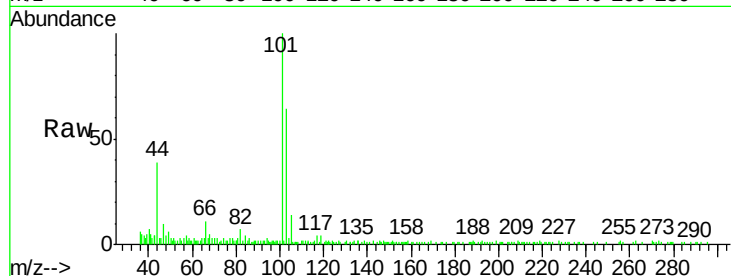
Trichlorofluoromethane
Concen: 2.504 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	50.4	75.6

Manual Integrations
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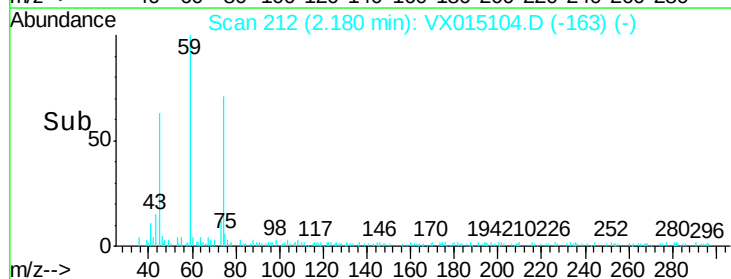
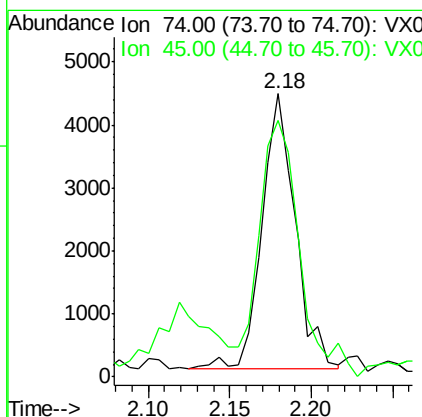
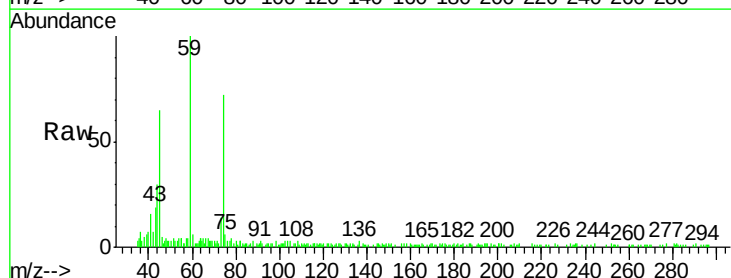
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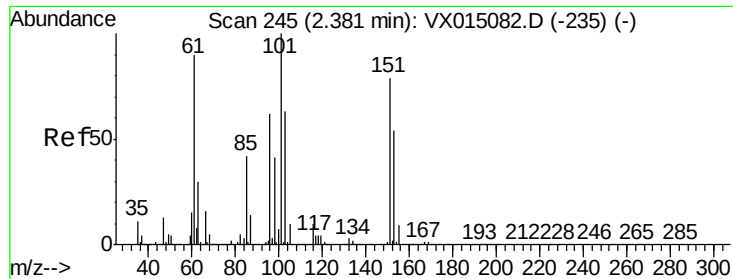


#8

Diethyl Ether
Concen: 3.254 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.8	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.648 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

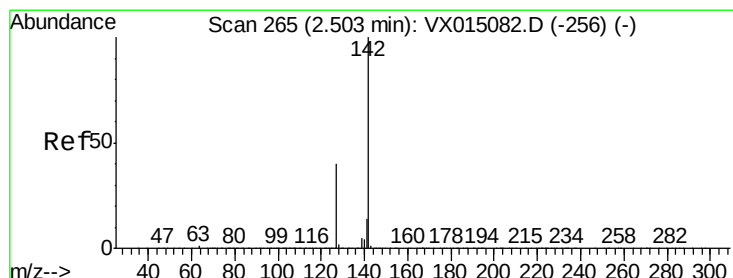
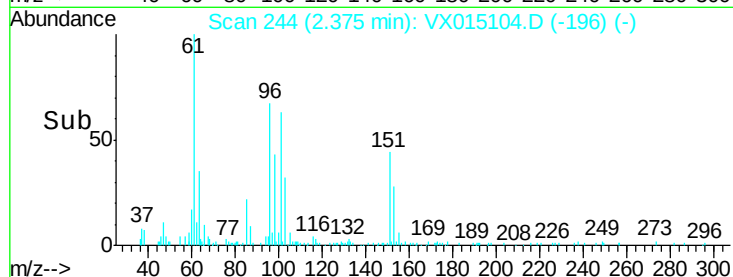
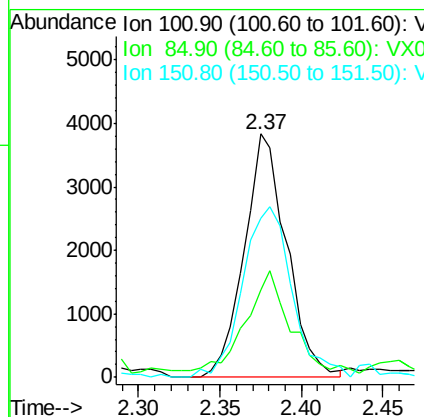
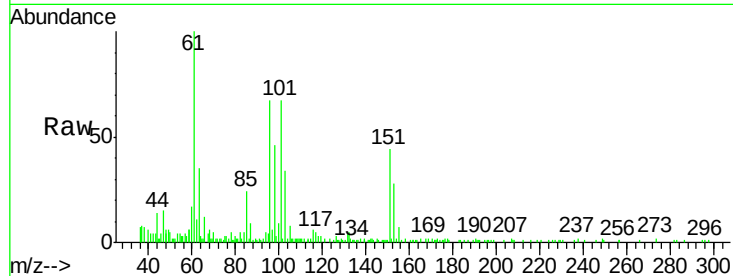
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	101	Resp:	6979
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	80.8	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 2.218 ug/l

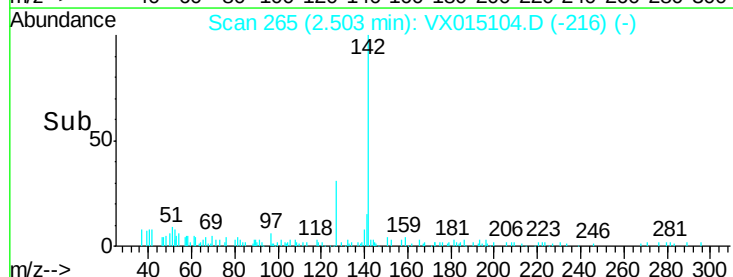
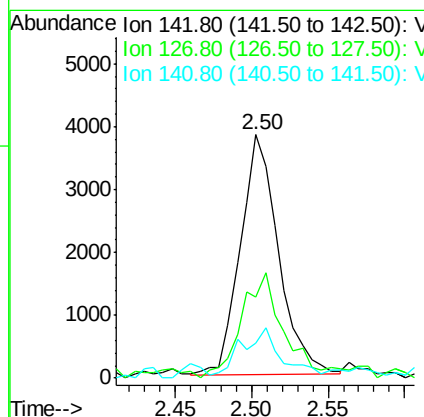
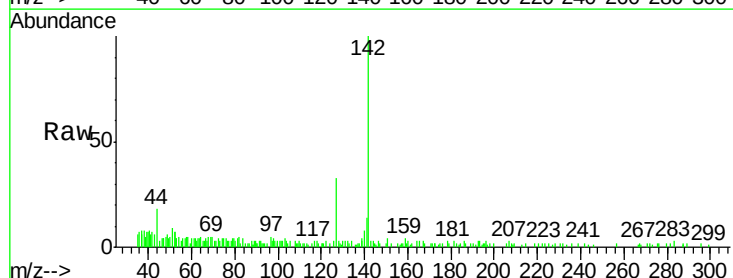
RT: 2.50 min Scan# 265

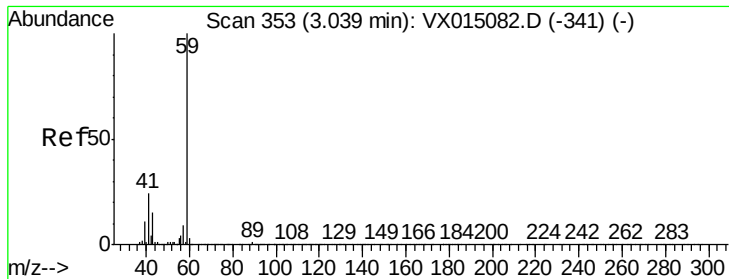
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	142	Resp:	6606
Ion Ratio	Lower	Upper	
142	100		
127	47.5	31.7	47.5
141	22.3	11.3	16.9#





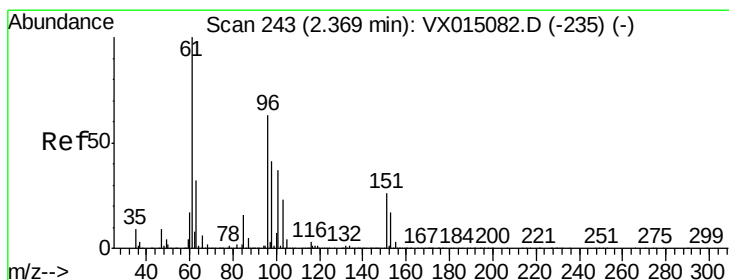
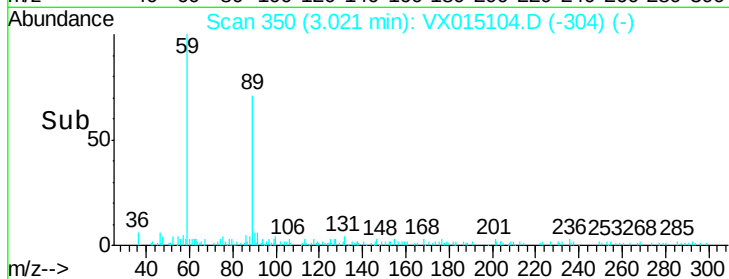
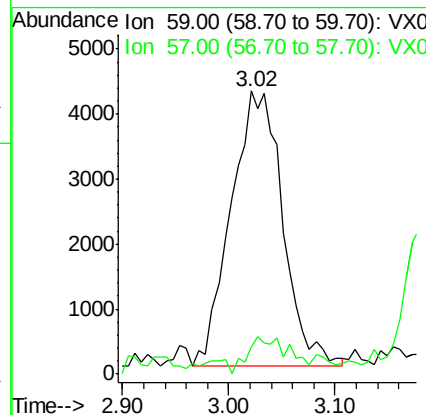
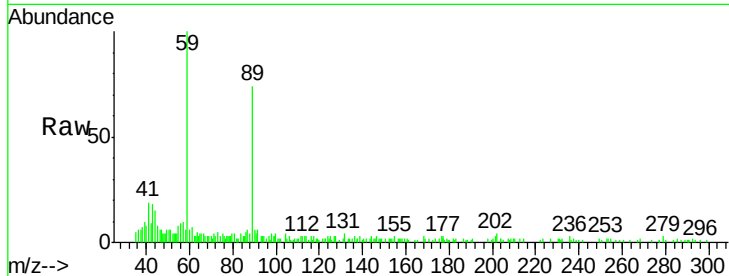
#11
Tert butyl alcohol
Concen: 24.797 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.2	12.4

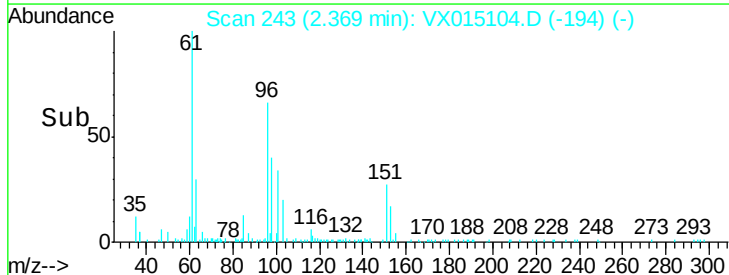
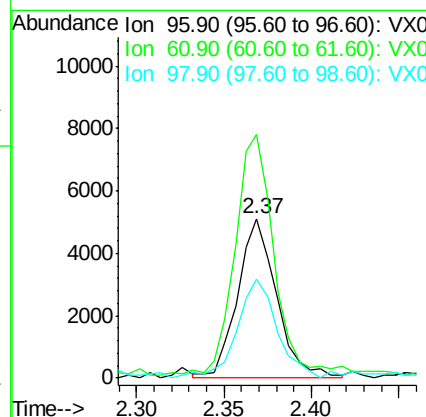
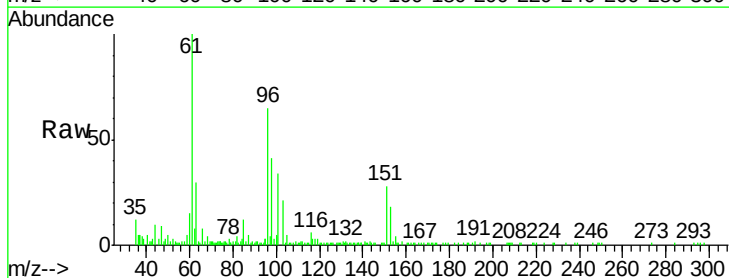
Manual Integrations
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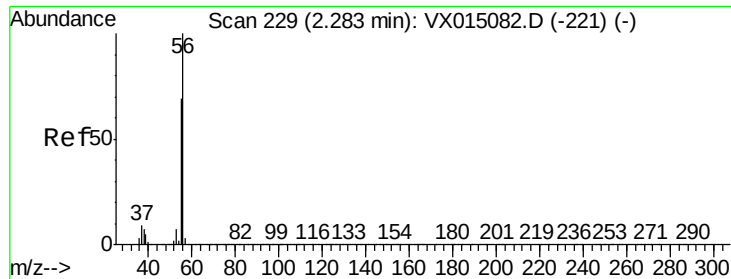
MMDadoda
3/6/2020 4:49:58 PM



#12
1,1-Dichloroethene
Concen: 2.892 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.0	126.2	189.4
98	60.7	51.4	77.0





#13

Acrolein

Concen: 16.715 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 56 Resp: 9052

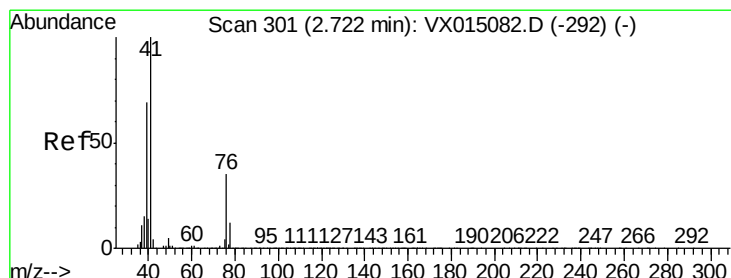
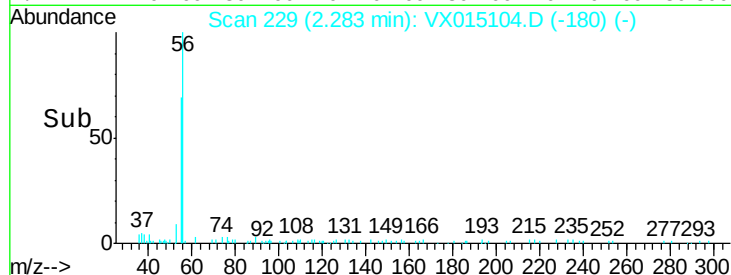
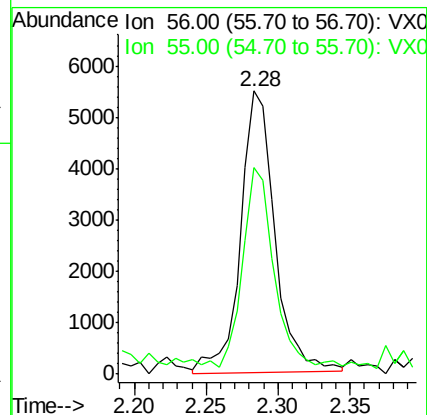
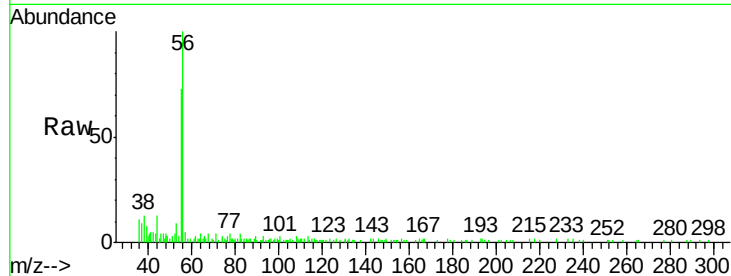
Ion Ratio Lower Upper

56 100

55 63.2 55.4 83.0

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#14

Allyl chloride

Concen: 2.843 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

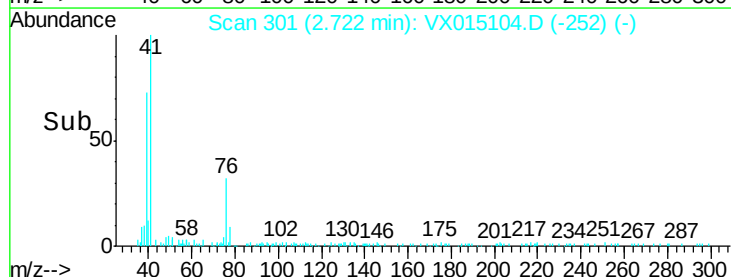
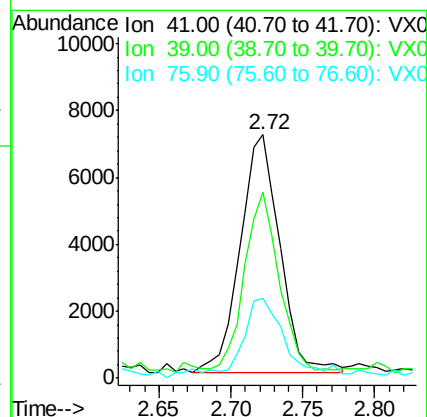
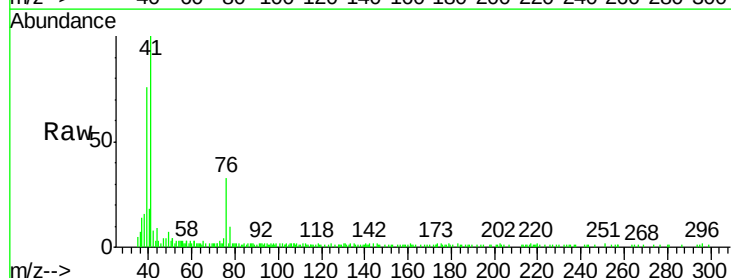
Tgt Ion: 41 Resp: 13487

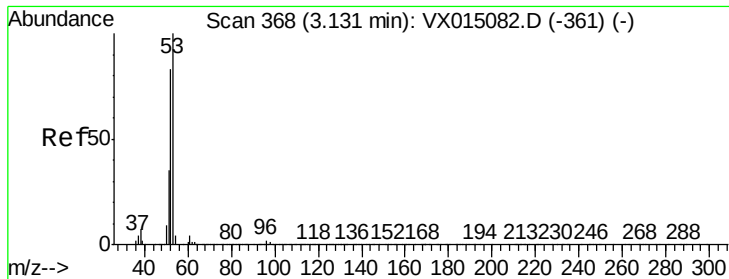
Ion Ratio Lower Upper

41 100

39 66.7 52.9 79.3

76 29.6 26.8 40.2





#15

Acrylonitrile

Concen: 16.319 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

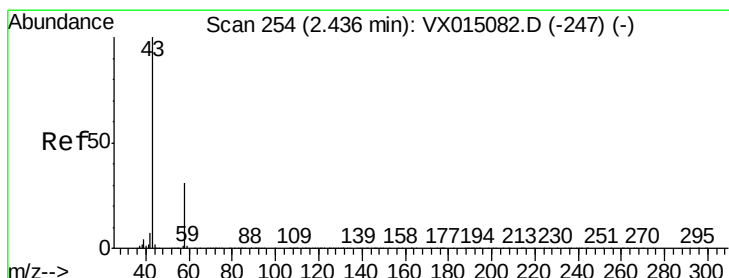
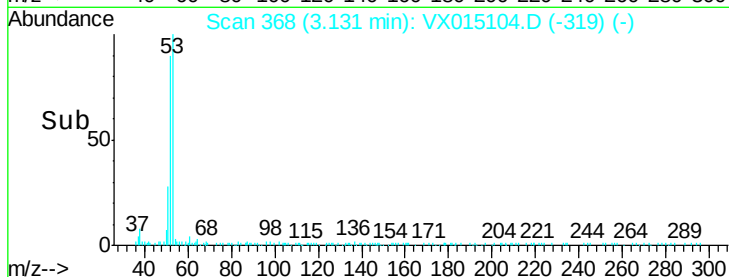
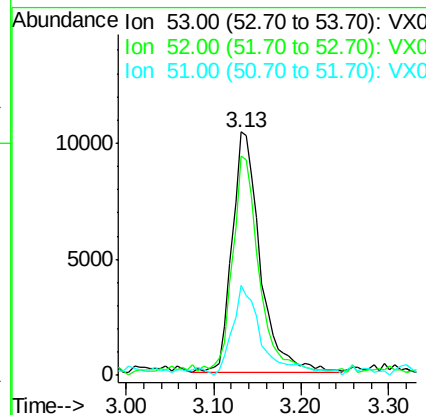
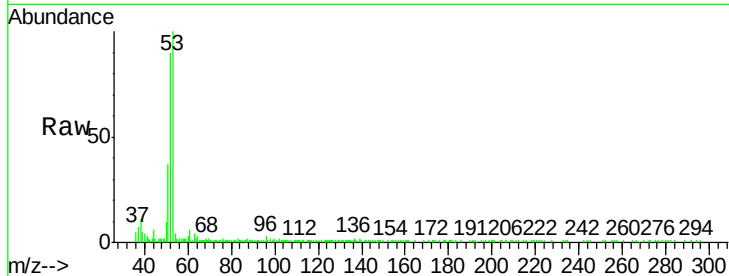
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	53	Resp:	23419
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.6	100.0
51	39.7	29.0	43.6

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#16

Acetone

Concen: 18.099 ug/l

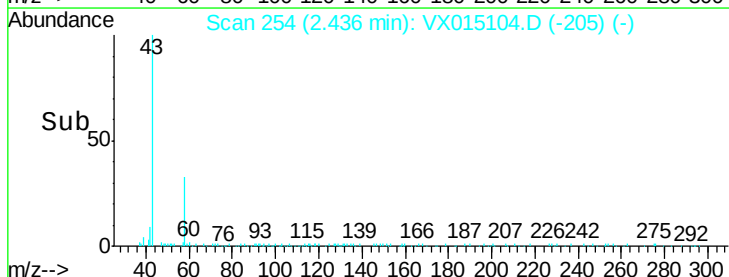
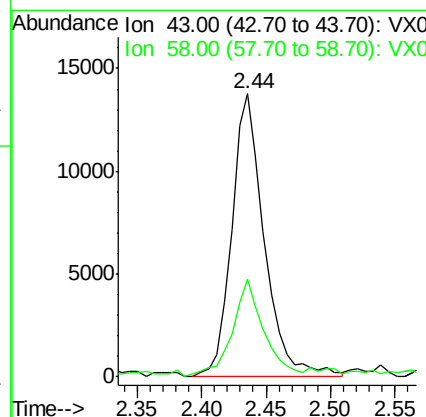
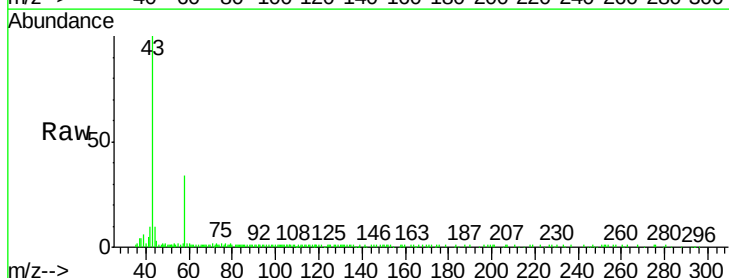
RT: 2.44 min Scan# 254

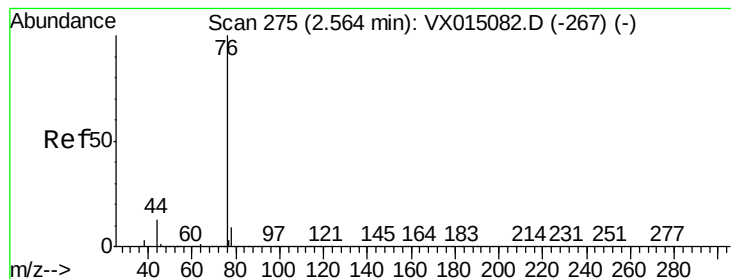
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	43	Resp:	24345
Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.8	37.2





#17

Carbon Disulfide

Concen: 2.597 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 76 Resp: 19623

Ion Ratio Lower Upper

76 100

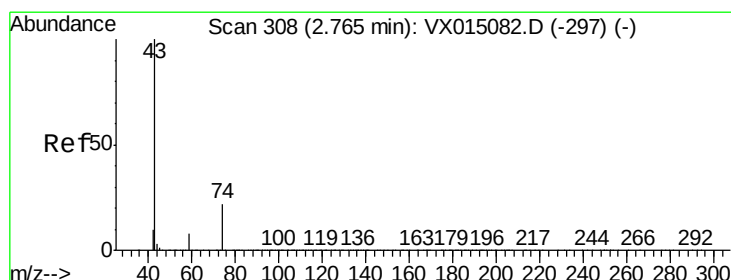
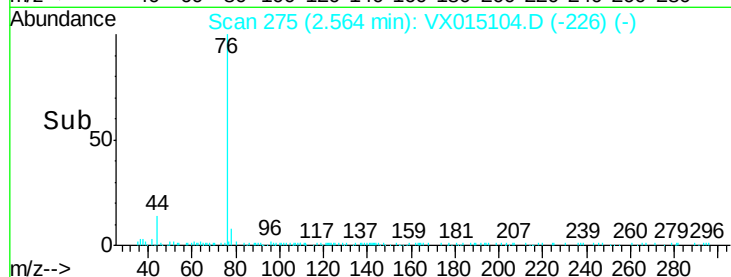
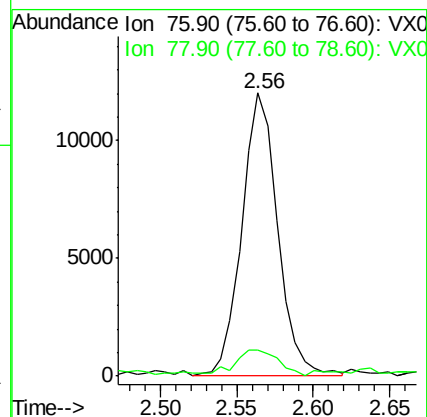
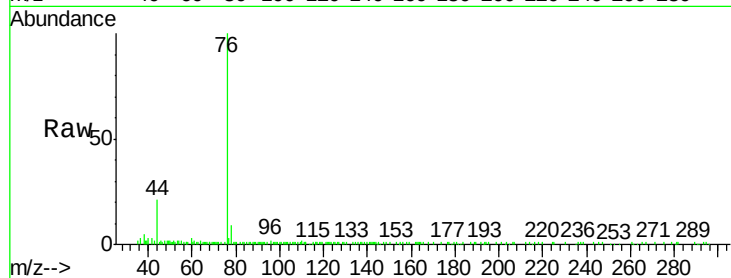
78 8.1 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 3.452 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015104.D

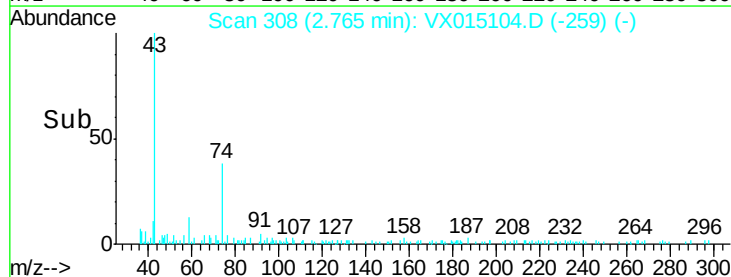
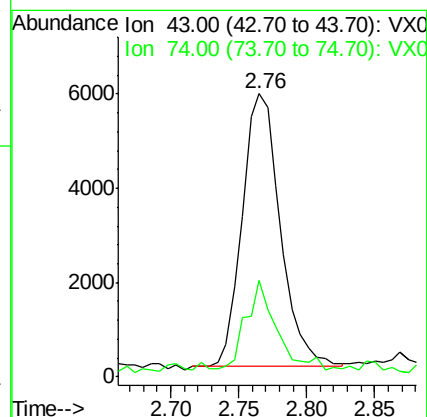
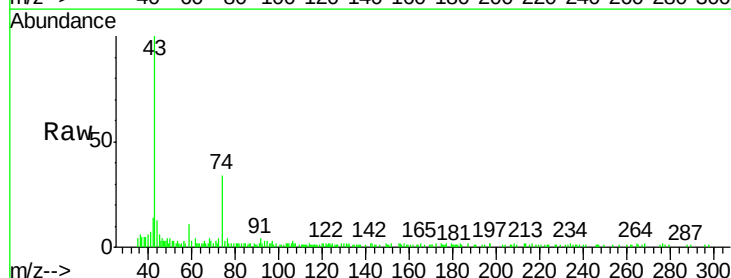
Acq: 05 Mar 2020 12:18

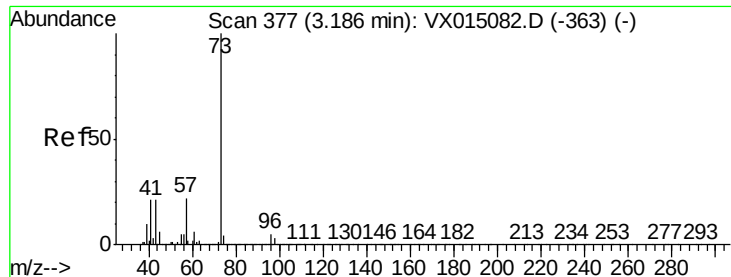
Tgt Ion: 43 Resp: 11355

Ion Ratio Lower Upper

43 100

74 26.5 18.8 28.2





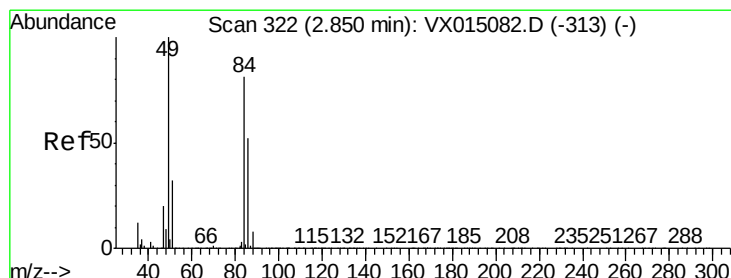
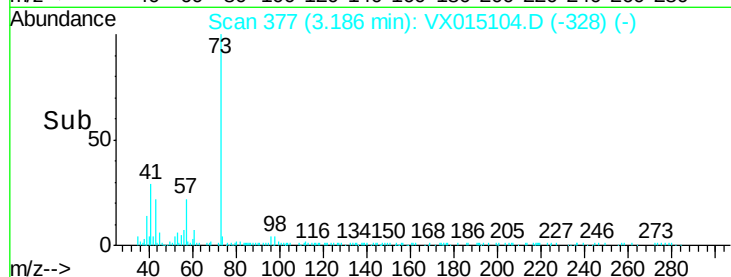
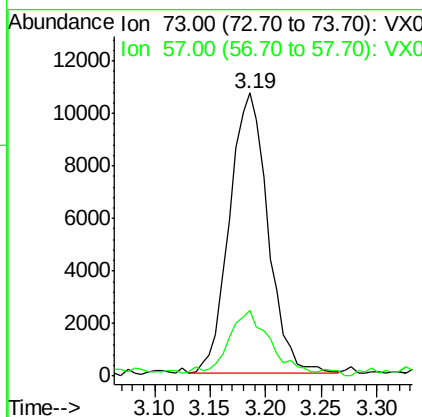
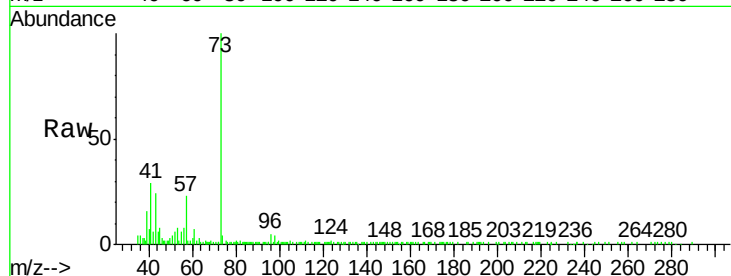
#19
Methyl tert-butyl Ether
Concen: 2.983 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6

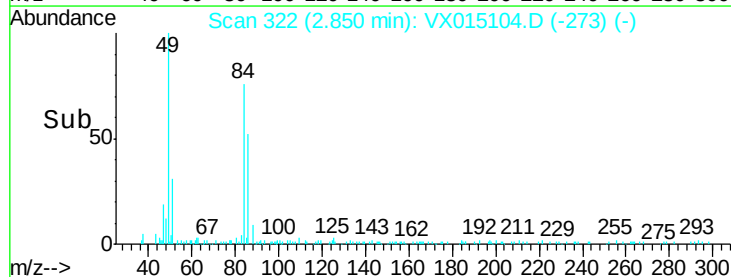
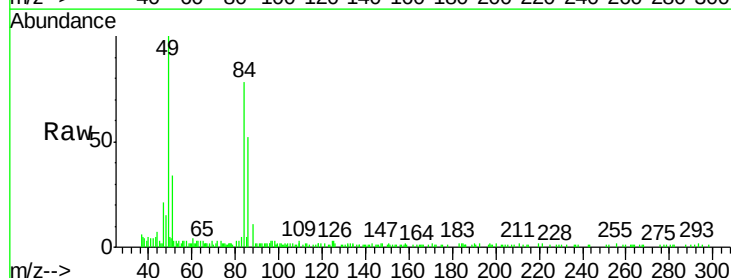
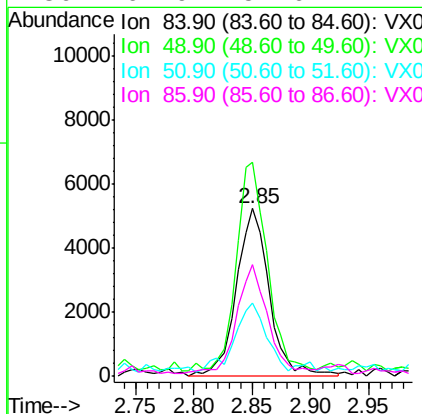
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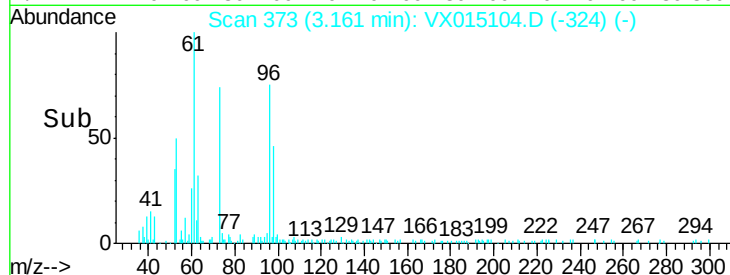
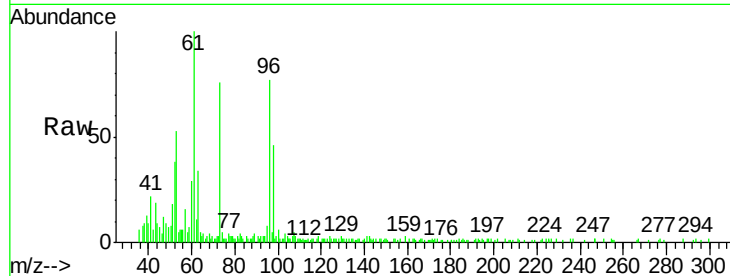
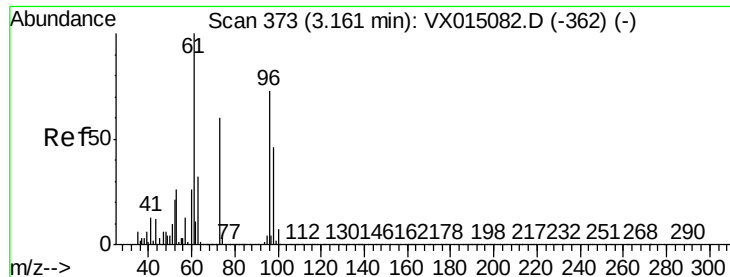
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#20
Methylene Chloride
Concen: 3.269 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.8	99.4	149.2
51	39.4	31.5	47.3
86	64.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 2.741 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tot Ion:	96	Resp:	7963
Ion	Ratio	Lower	Upper
96	100		
61	128.5	109.9	164.9
98	54.3	50.2	75.2

Instrument :

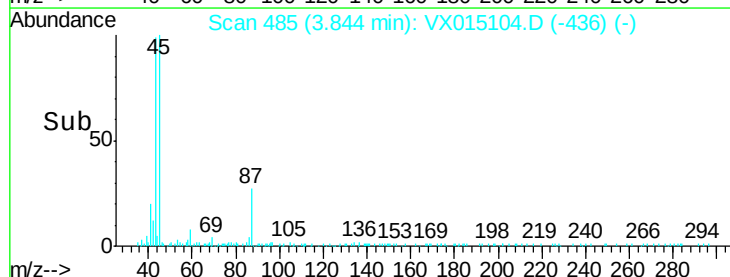
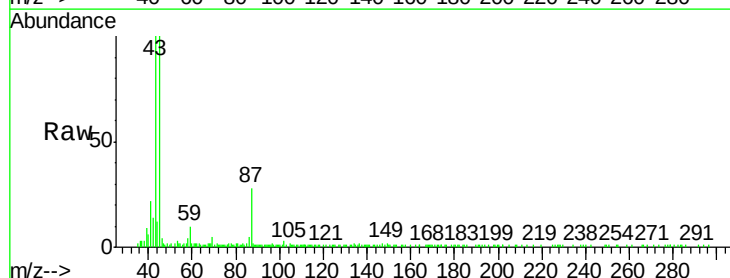
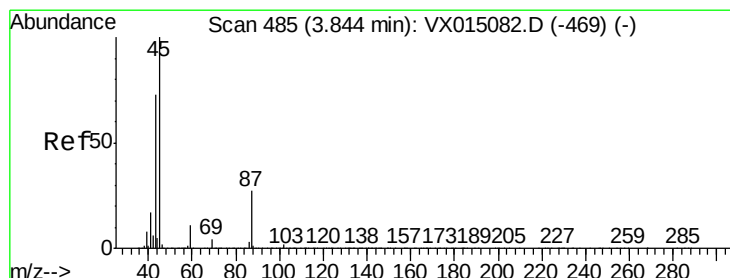
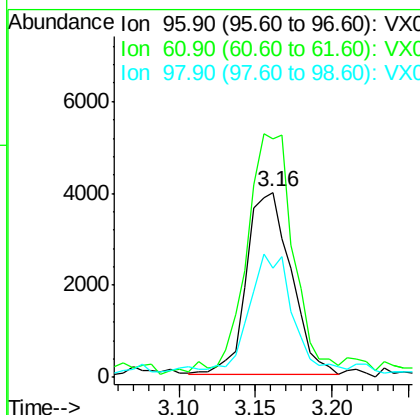
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

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#22

Diisopropyl ether

Concen: 2.912 ug/l

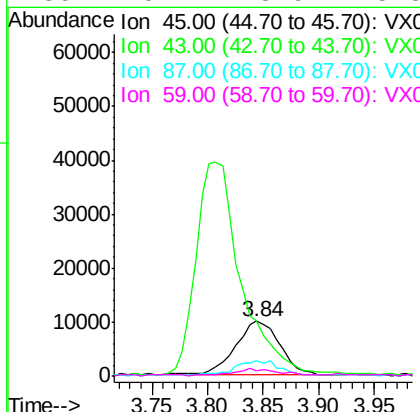
RT: 3.84 min Scan# 485

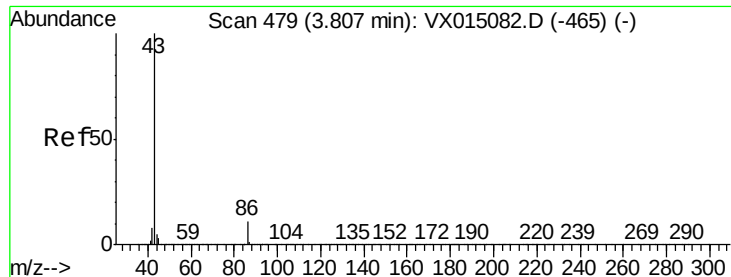
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	45	Resp:	27525
Ion	Ratio	Lower	Upper
45	100		
43	94.7	58.2	87.2#
87	26.2	21.2	31.8
59	9.1	8.9	13.3





#23

Vinyl Acetate

Concen: 14.455 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 43 Resp: 112301

Ion Ratio Lower Upper

43 100

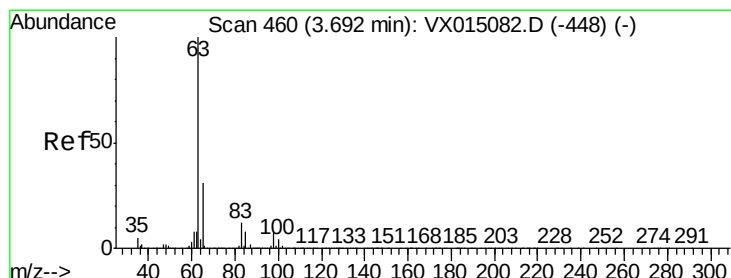
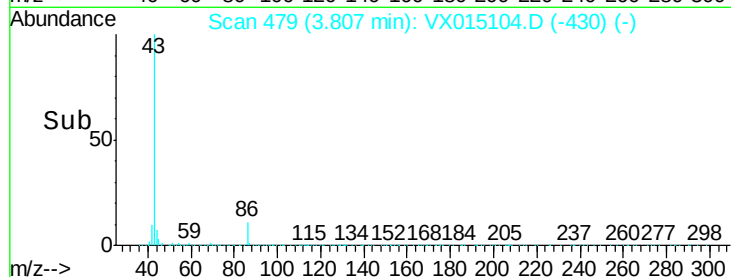
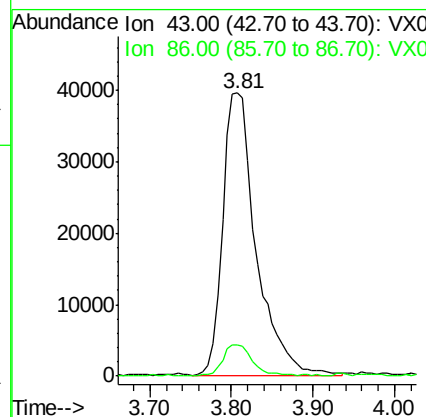
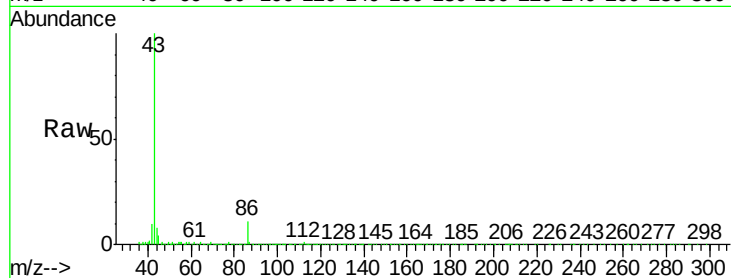
86 10.9 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 3.024 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

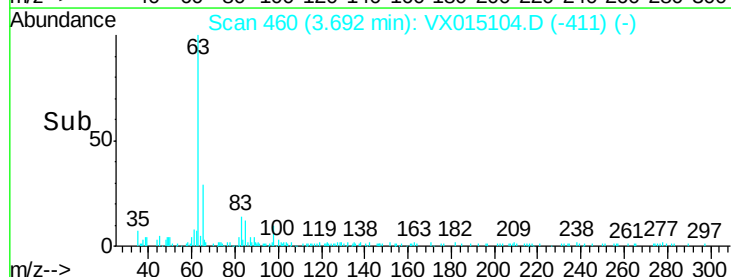
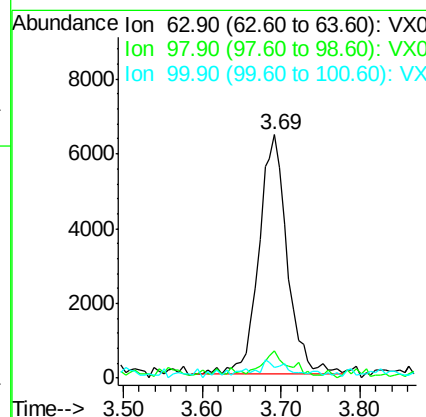
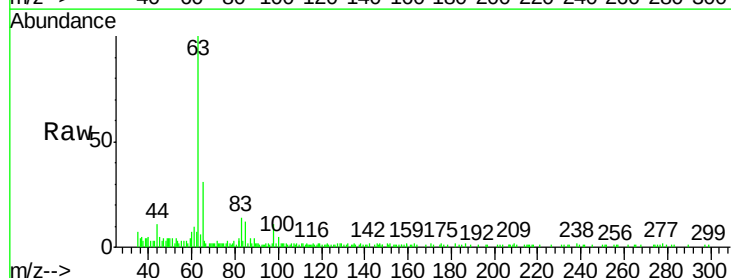
Tgt Ion: 63 Resp: 15860

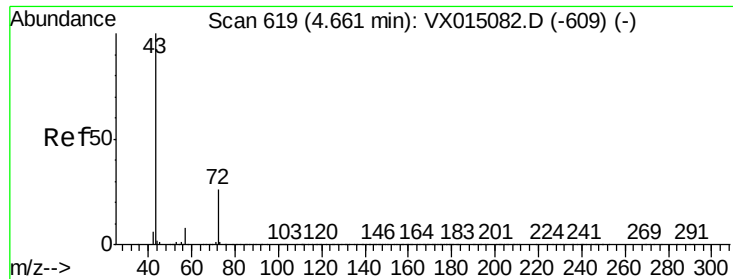
Ion Ratio Lower Upper

63 100

98 10.4 3.7 11.1

100 3.7 2.1 6.5





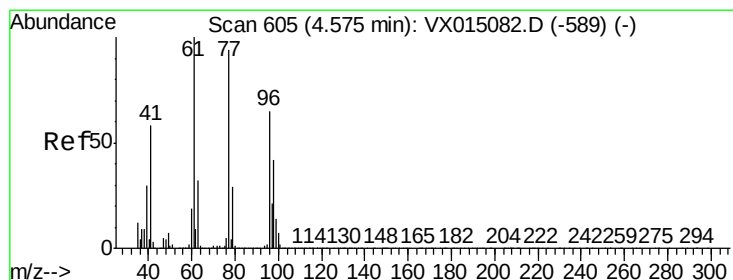
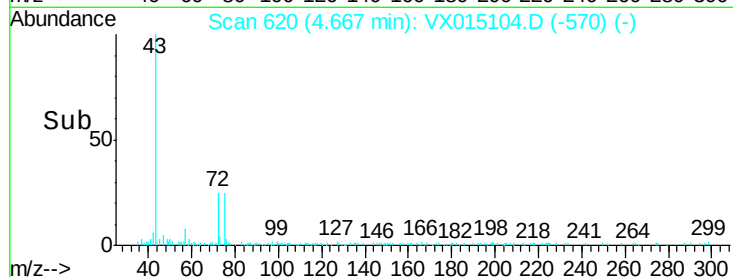
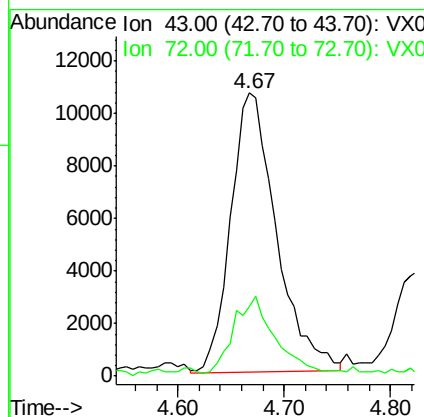
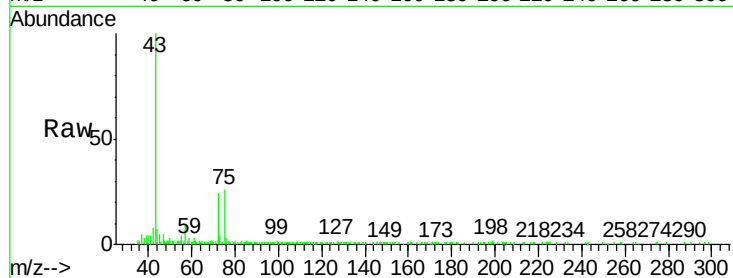
#25
2-Butanone
Concen: 16.247 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
43	100		
72	23.1	20.6	30.8

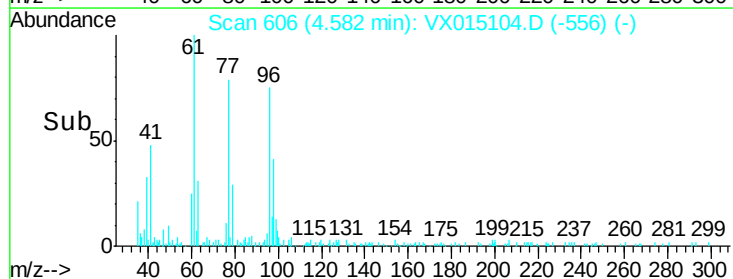
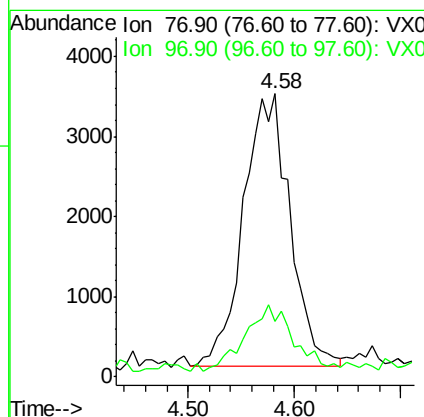
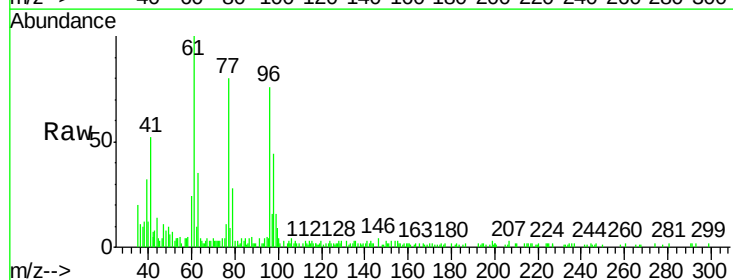
Manual Integrations
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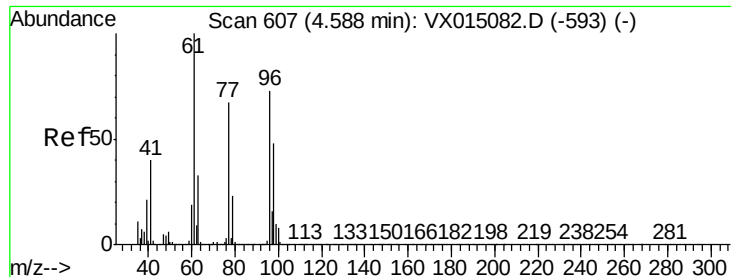
MMDadoda
3/6/2020 4:49:58 PM



#26
2,2-Dichloropropane
Concen: 2.509 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.3	11.8	35.4





#27

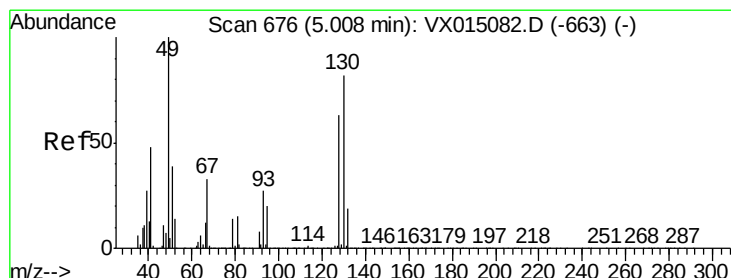
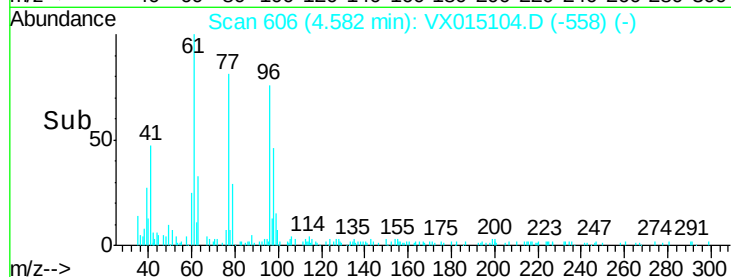
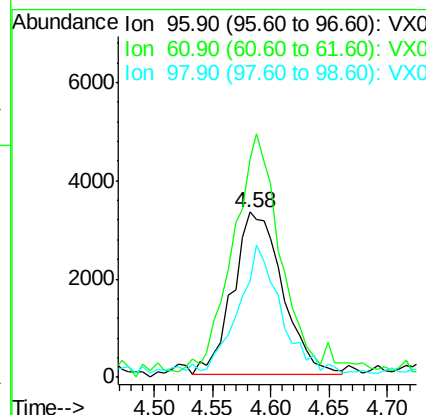
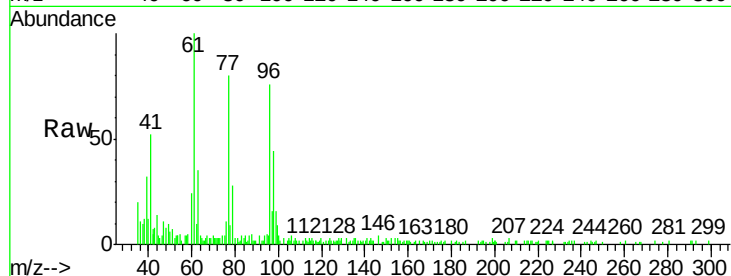
cis-1,2-Dichloroethene
Concen: 2.989 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	286.8
98	65.0	0.0	128.4

Manual Integrations
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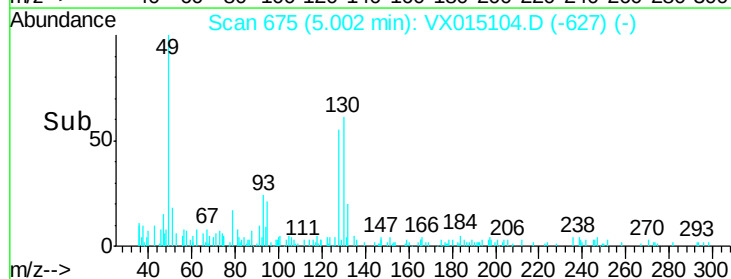
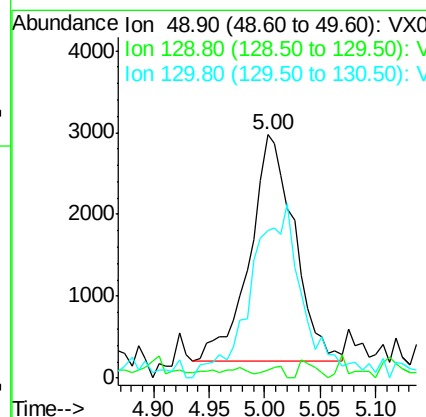
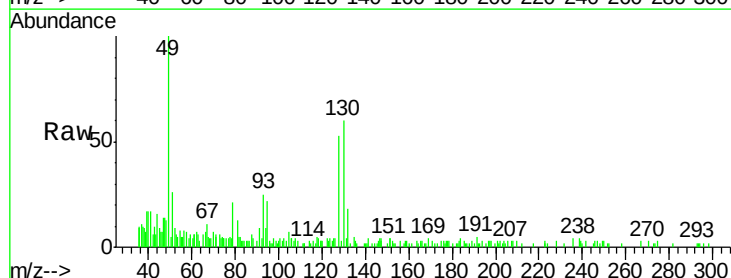
MMDadoda
3/6/2020 4:49:58 PM

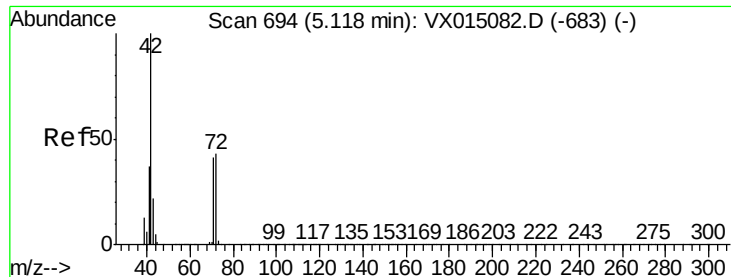


#28

Bromochloromethane
Concen: 3.233 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	88.3	65.0	97.6





#29

Tetrahydrofuran

Concen: 15.622 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

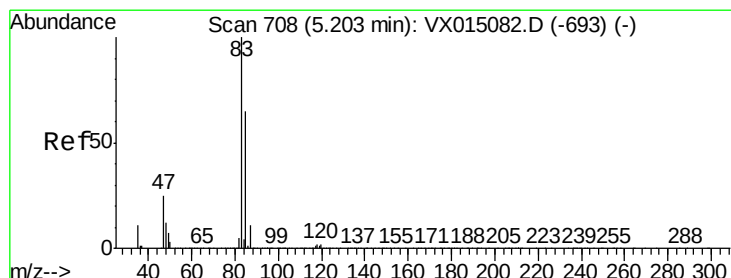
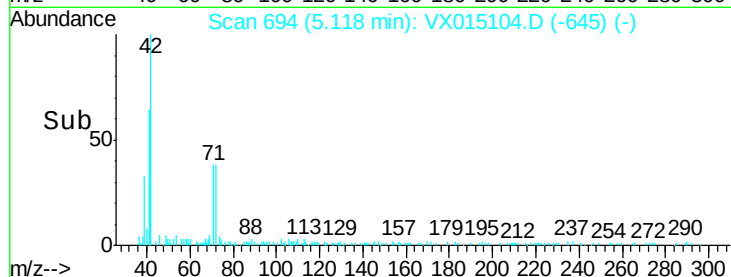
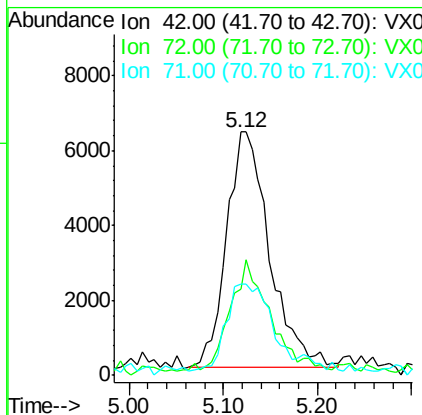
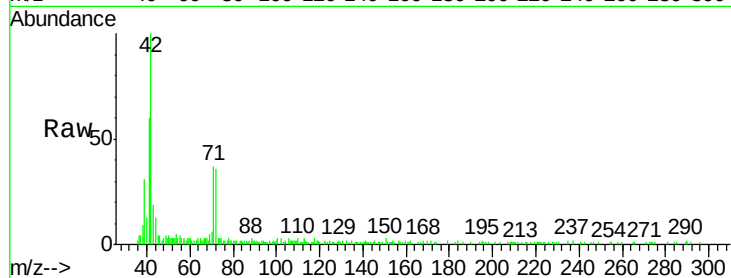
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	42	Resp:	19830
Ion Ratio		Lower	Upper
42	100		
72	44.9	36.4	54.6
71	38.8	33.3	49.9

Manual Integrations
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3/6/2020 4:49:58 PM



#30

Chloroform

Concen: 3.133 ug/l

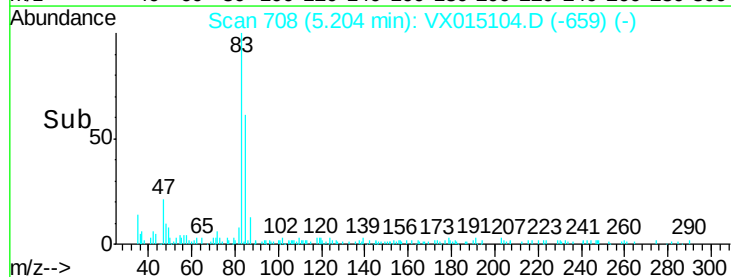
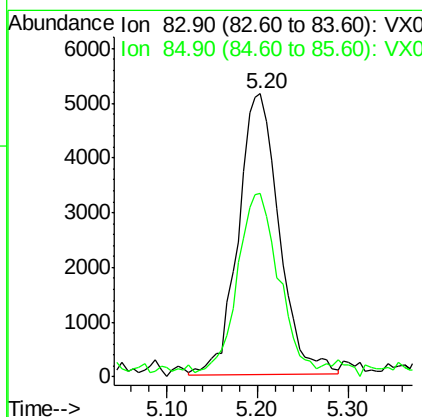
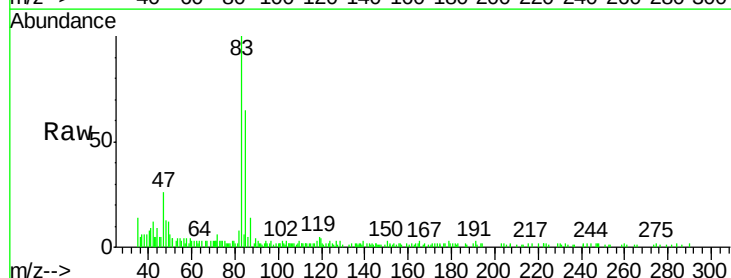
RT: 5.20 min Scan# 708

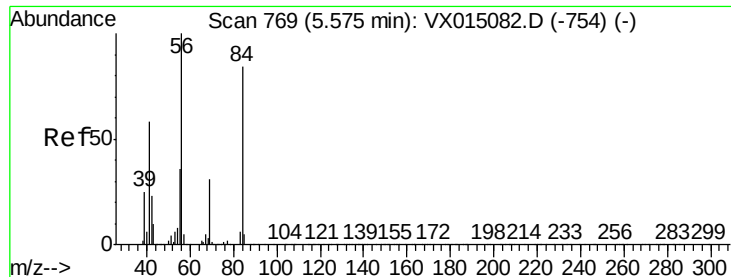
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	83	Resp:	16016
Ion Ratio		Lower	Upper
83	100		
85	61.6	52.0	78.0





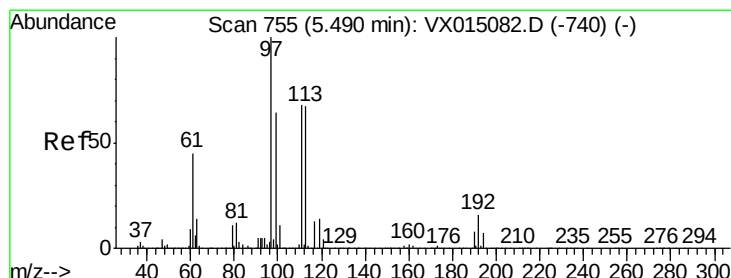
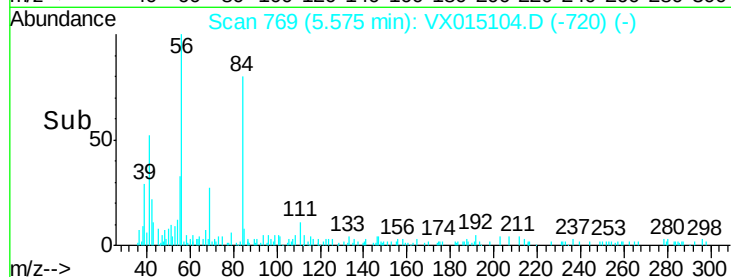
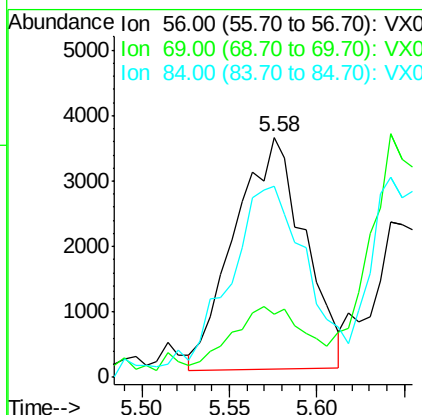
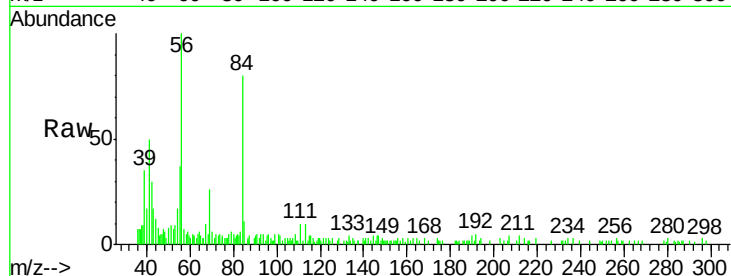
#31
Cyclohexane
Concen: 2.119 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	18.3	25.0	37.6#
84	80.3	67.6	101.4

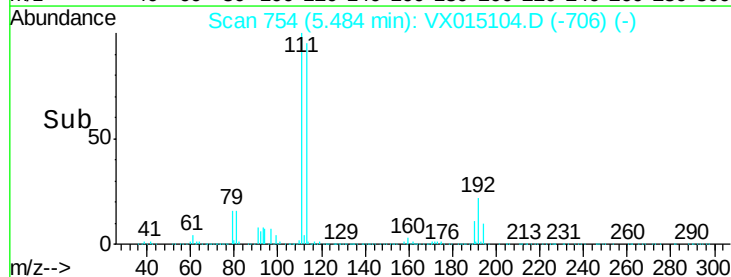
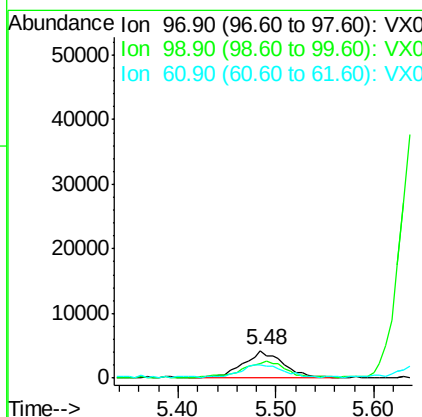
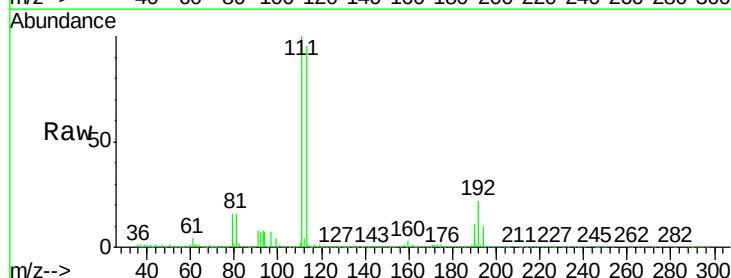
Manual Integrations
APPROVED

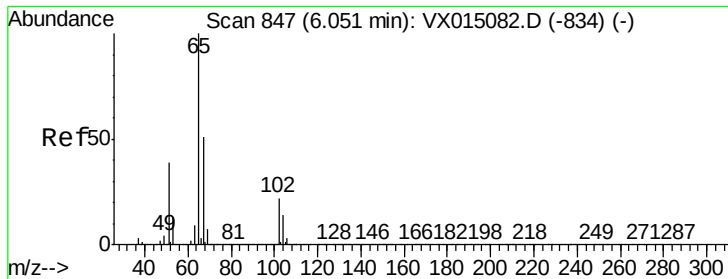
MMDadoda
3/6/2020 4:49:58 PM



#32
1,1,1-Trichloroethane
Concen: 2.738 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	71.7	52.8	79.2
61	55.5	36.6	54.8#





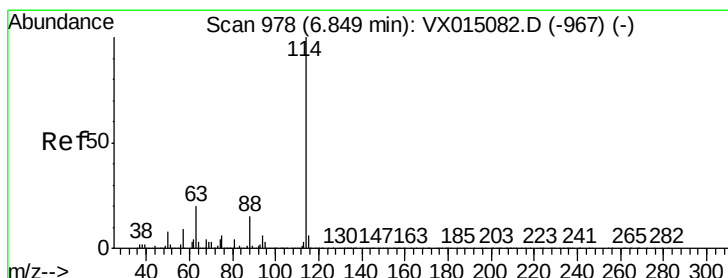
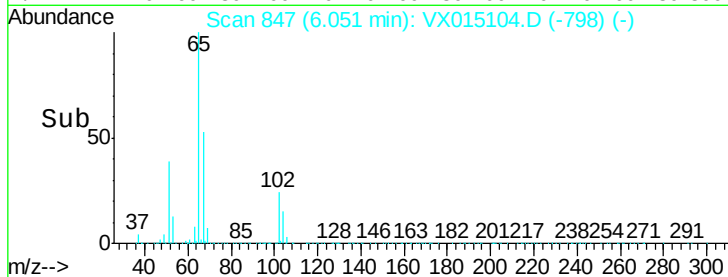
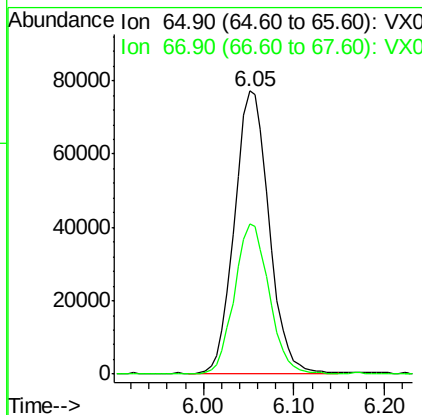
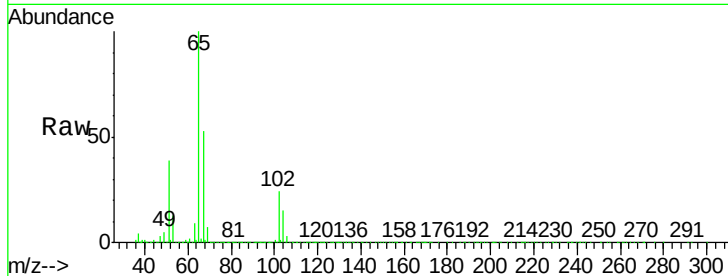
#33
 1,2-Dichloroethane-d4
 Concen: 61.650 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	204762		
67	52.7	0.0	105.6	

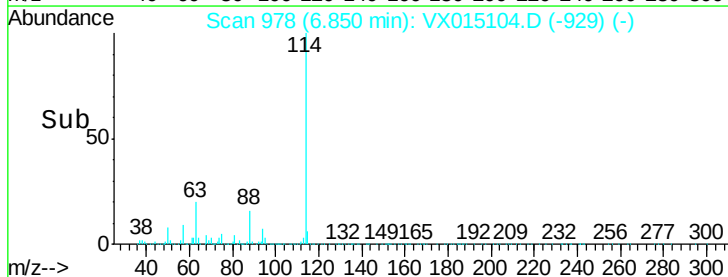
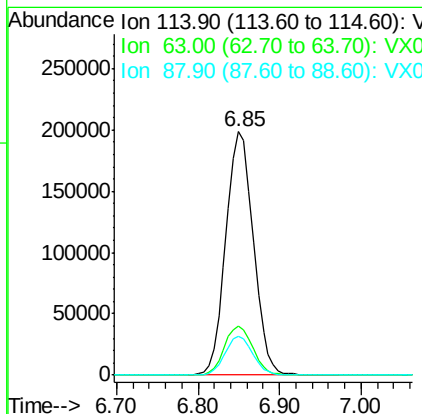
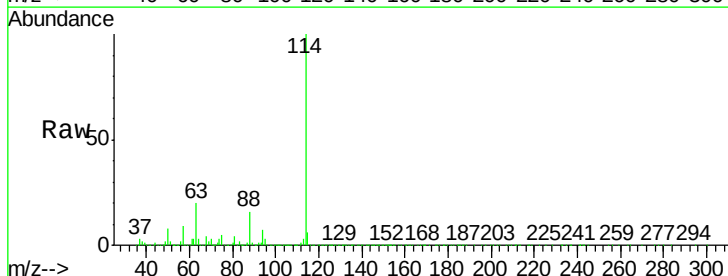
Manual Integrations
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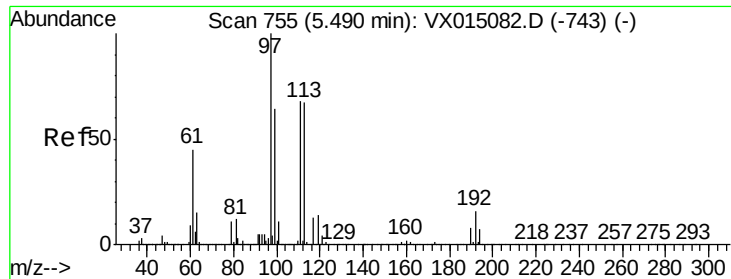
MMDadoda
 3/6/2020 4:49:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	463892		
63	19.9	0.0	40.0	
88	15.6	0.0	30.6	





#35

Dibromofluoromethane

Concen: 54.874 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

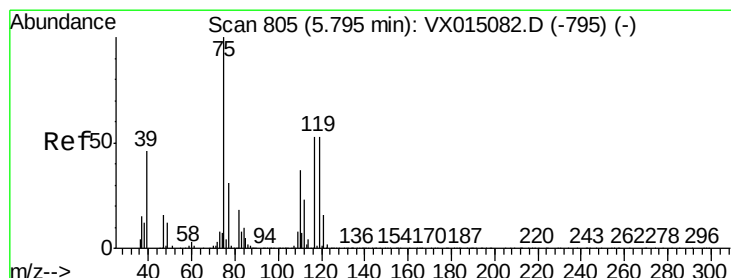
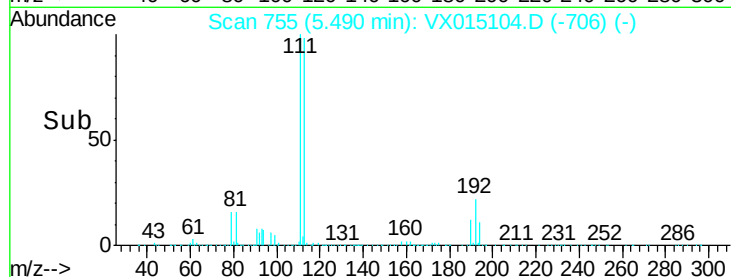
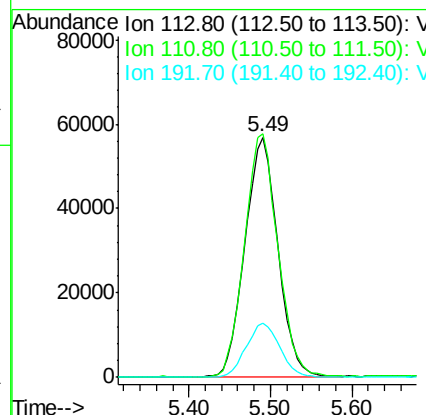
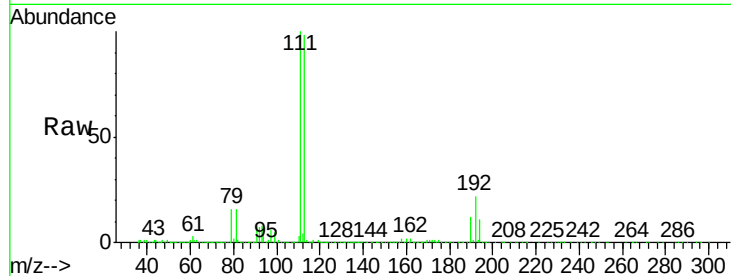
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	113	Resp:	160592
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.6	123.8
192	23.0	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 2.299 ug/l

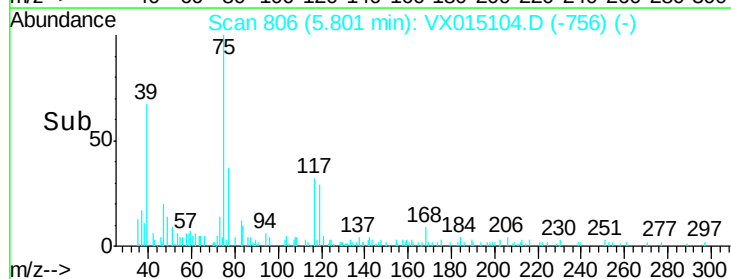
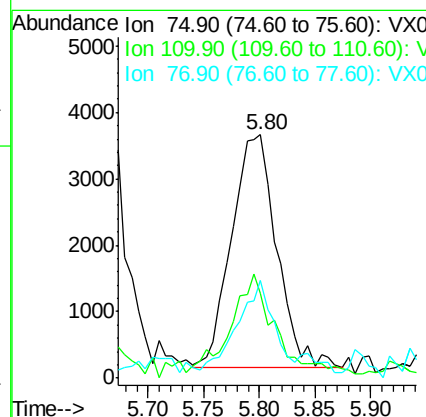
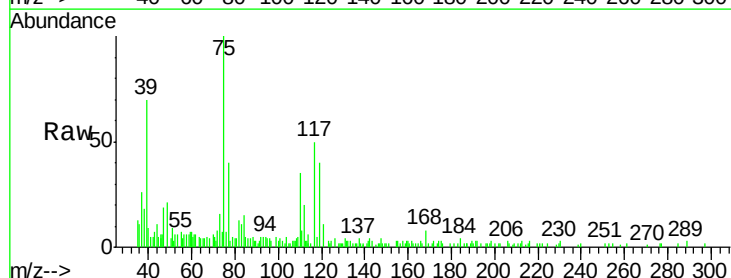
RT: 5.80 min Scan# 806

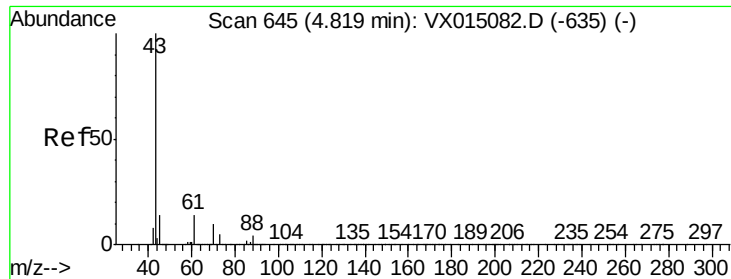
Delta R.T. 0.01 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	75	Resp:	9859
Ion Ratio	Lower	Upper	
75	100		
110	43.4	17.9	53.8
77	29.6	24.8	37.2





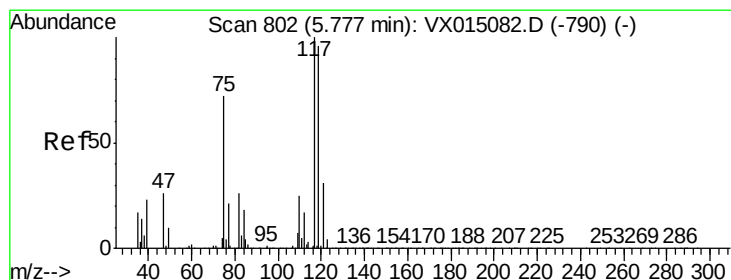
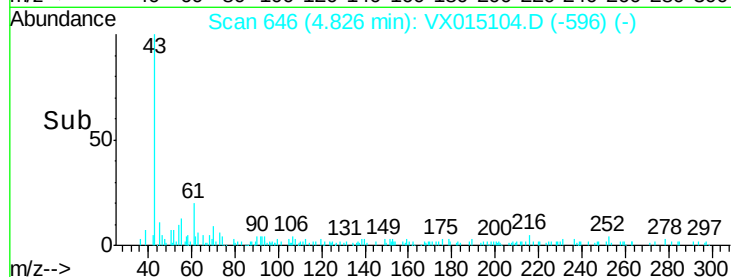
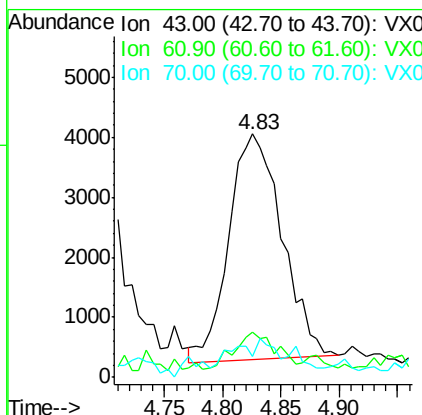
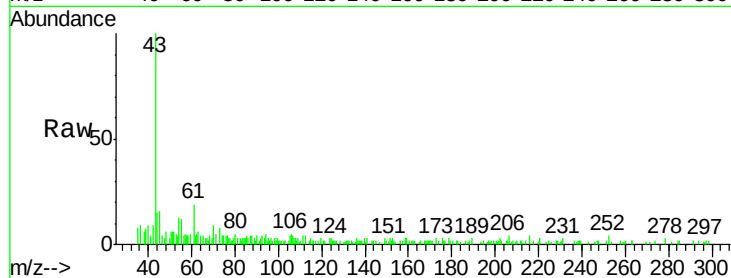
#37
Ethyl Acetate
Concen: 3.008 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.0	16.4
70	2.6	8.1	12.1#

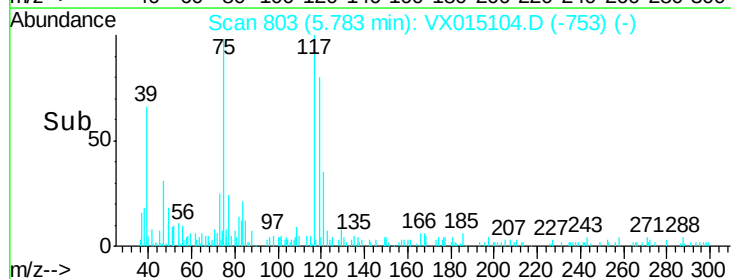
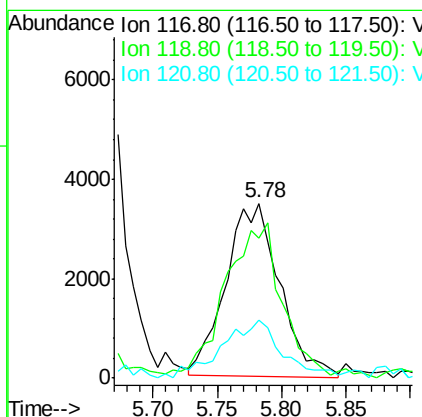
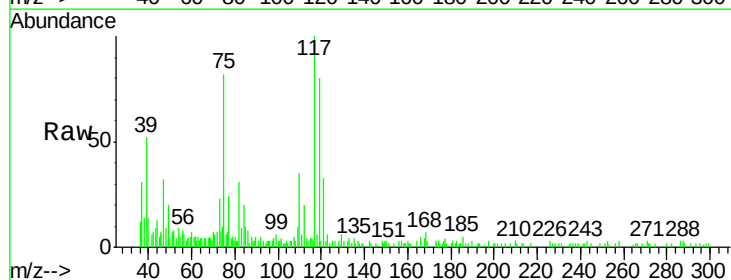
Manual Integrations
APPROVED

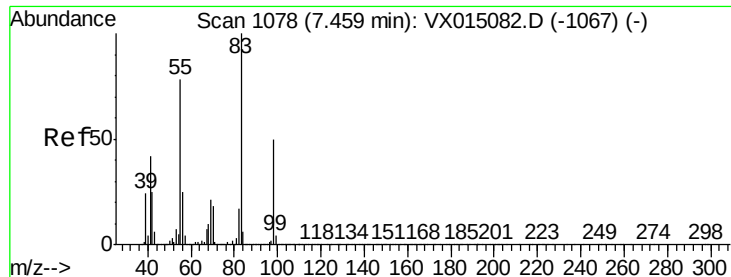
MMDadoda
3/6/2020 4:49:58 PM



#38
Carbon Tetrachloride
Concen: 2.493 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	80.2	76.9	115.3
121	33.5	24.6	37.0





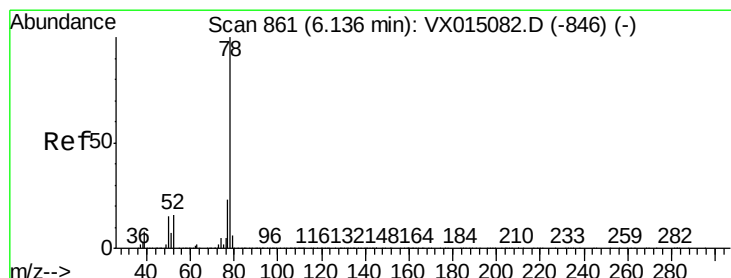
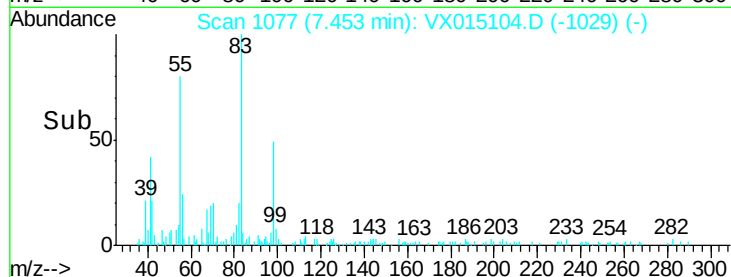
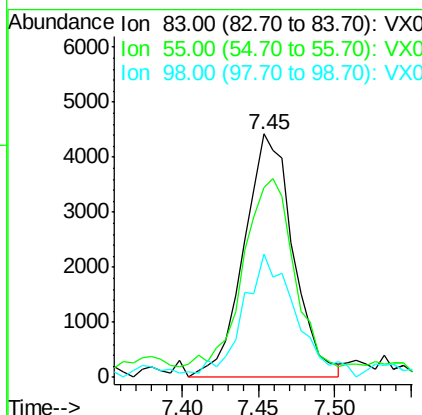
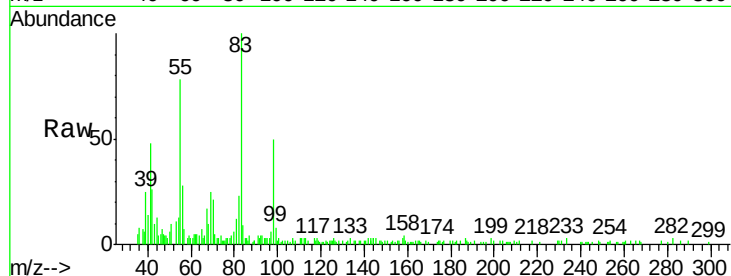
#39
Methylvlcyclohexane
Concen: 1.978 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	83	Resp:	9906
Ion	Ratio	Lower	Upper
83	100		
55	73.6	62.4	93.6
98	48.4	39.7	59.5

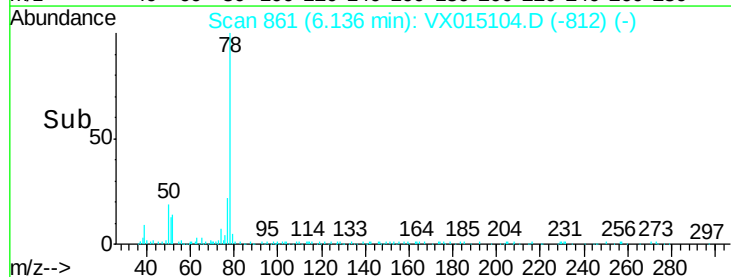
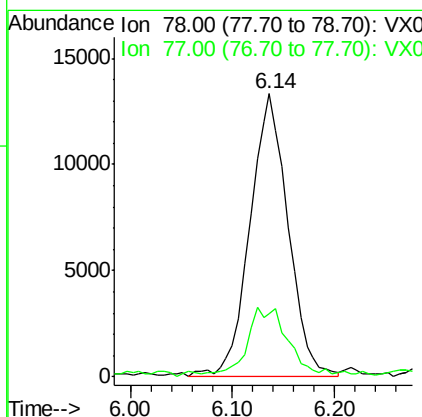
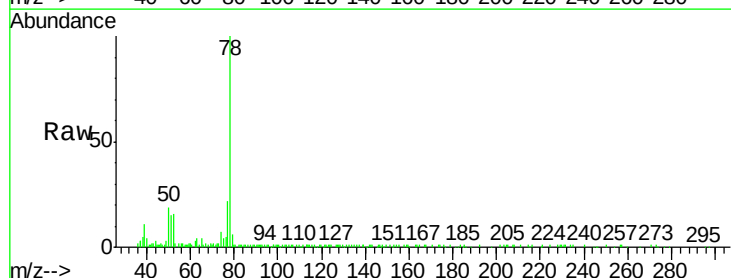
Manual Integrations
APPROVED

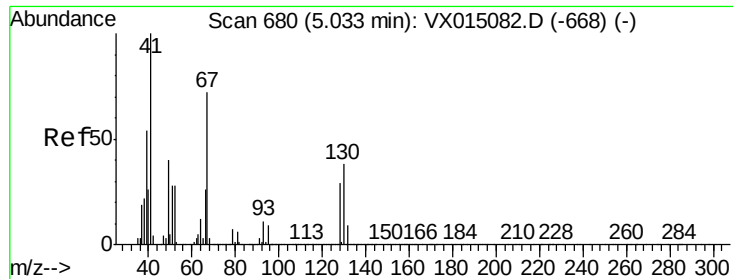
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3/6/2020 4:49:58 PM



#40
Benzene
Concen: 2.732 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion:	78	Resp:	34765
Ion	Ratio	Lower	Upper
78	100		
77	20.9	18.6	28.0





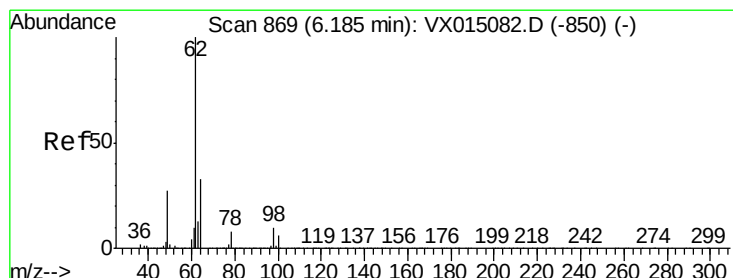
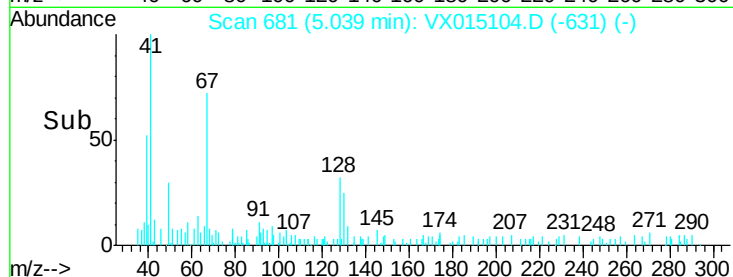
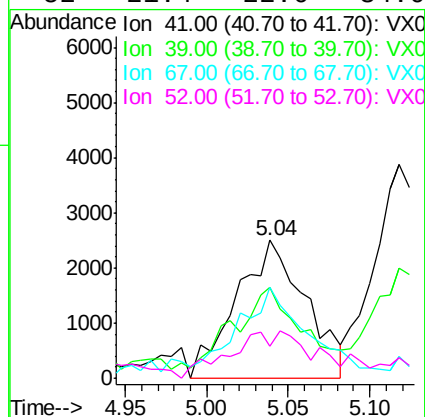
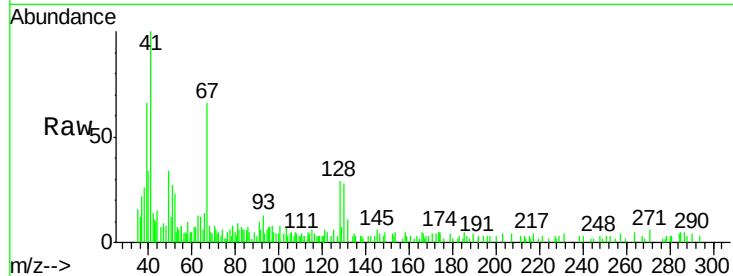
#41
Methacrylonitrile
Concen: 3.098 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	43.9	65.9	
67	55.7	57.8	86.8#	
52	21.4	22.6	34.0#	

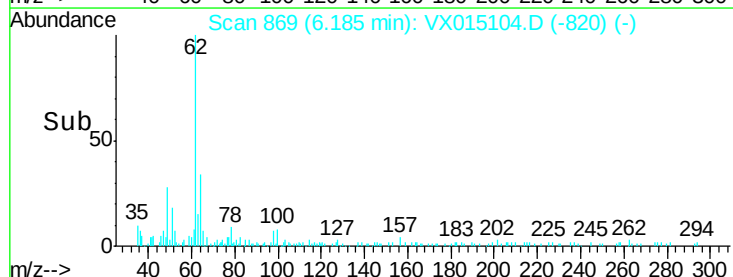
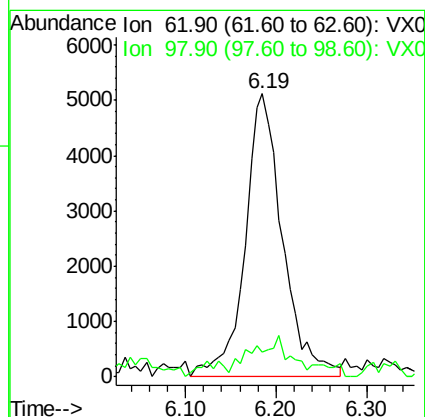
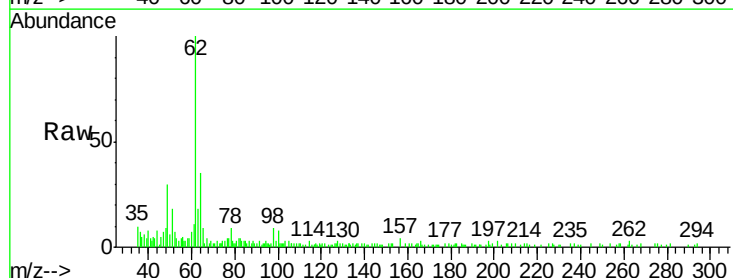
Manual Integrations
APPROVED

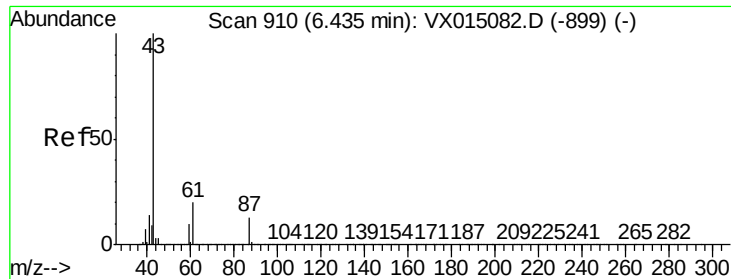
MMDadoda
3/6/2020 4:49:58 PM



#42
1,2-Dichloroethane
Concen: 3.363 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	5.0	0.0	20.6	





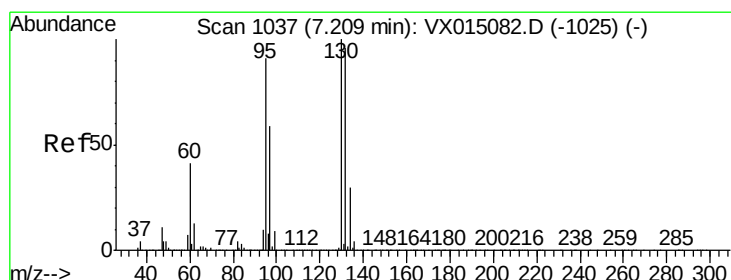
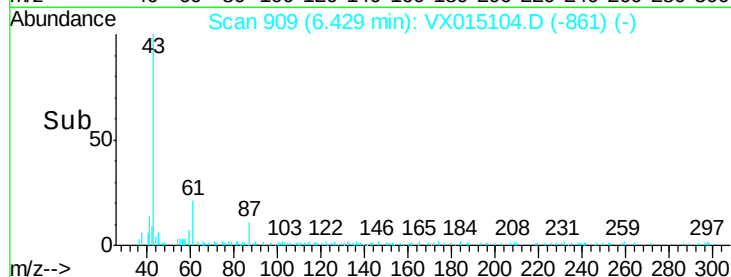
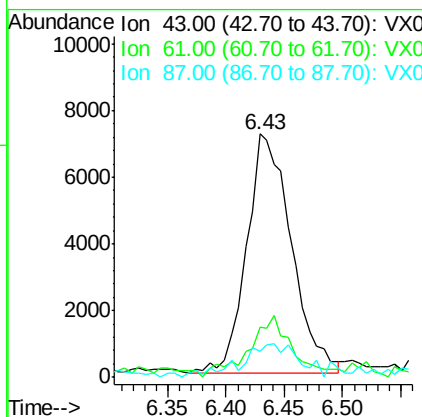
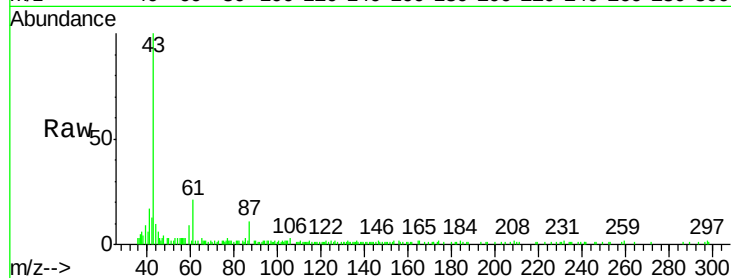
#43
Isopropyl Acetate
Concen: 2.727 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	43	Resp:	19085
Ion	Ratio	Lower	Upper
43	100		
61	25.0	16.1	24.1#
87	18.1	10.6	16.0#

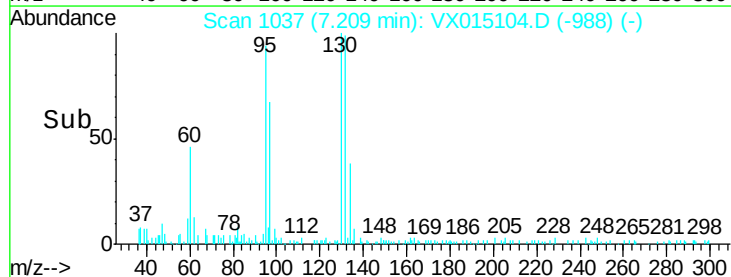
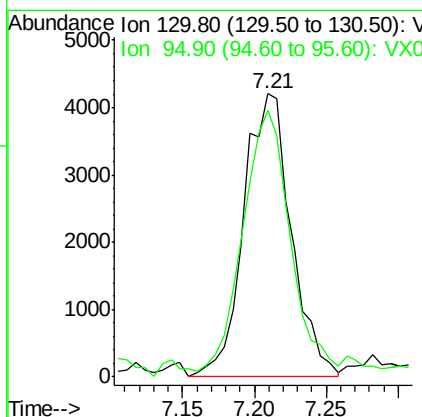
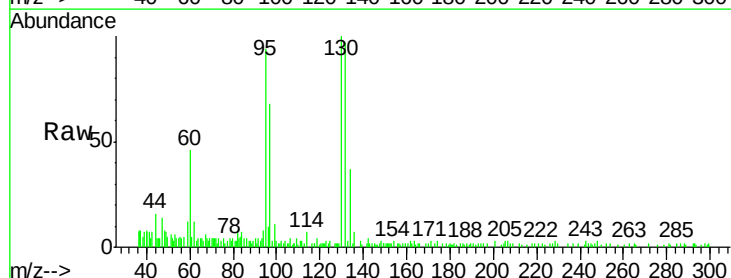
Manual Integrations
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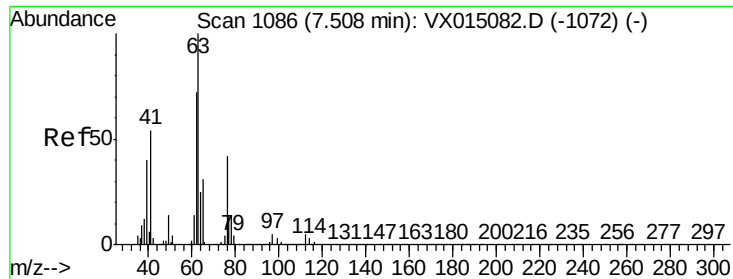
MMDadoda
3/6/2020 4:49:58 PM



#44
Trichloroethene
Concen: 2.716 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion:	130	Resp:	9625
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	181.2





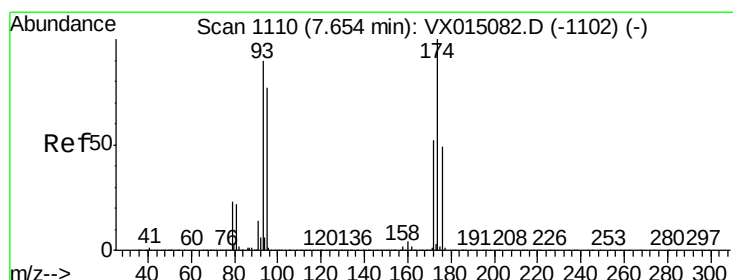
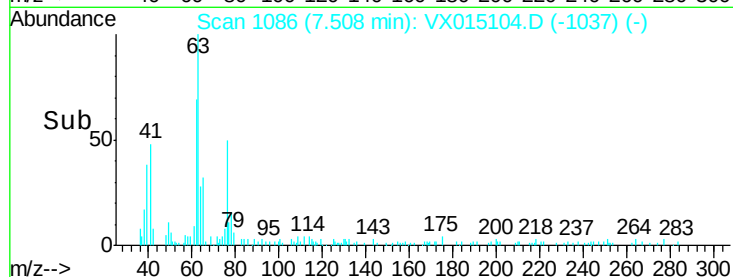
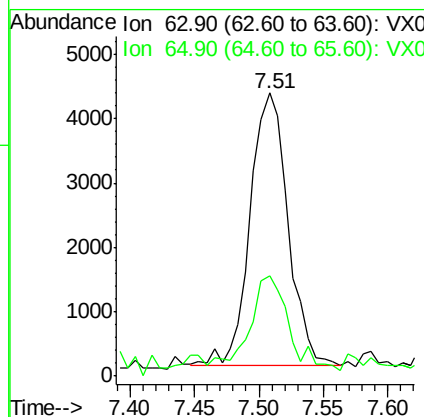
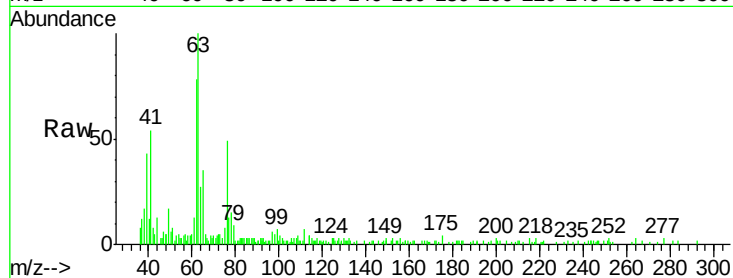
#45
 1,2-Dichloropropane
 Concen: 2.607 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.7	24.6	36.8

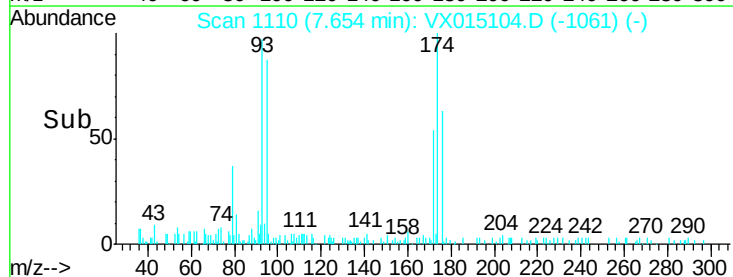
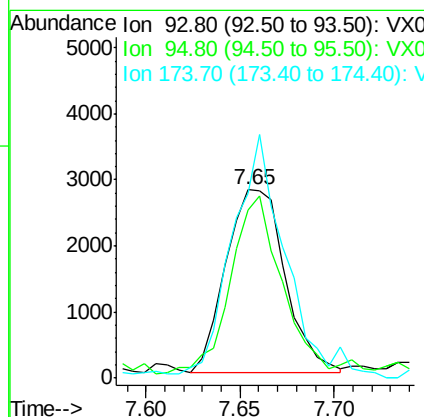
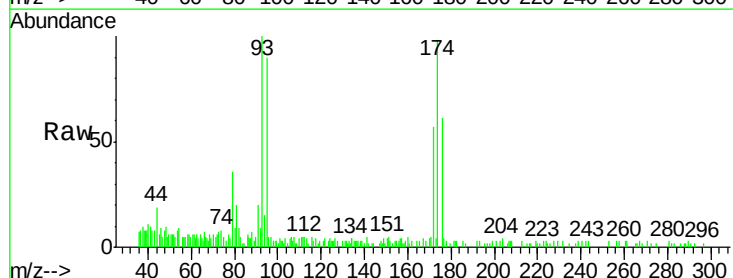
Manual Integrations
 APPROVED

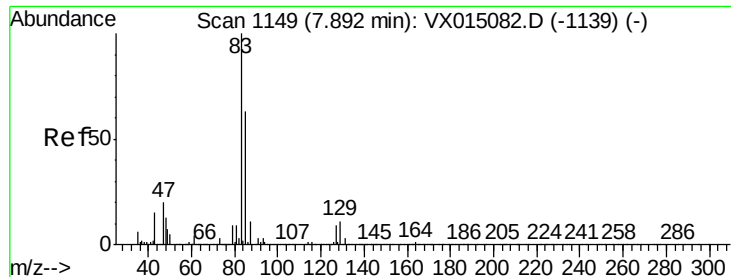
MMDadoda
 3/6/2020 4:49:58 PM



#46
 Dibromomethane
 Concen: 2.813 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	88.1	67.8	101.8
174	121.0	91.0	136.4





#47

Bromodichloromethane

Concen: 2.746 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

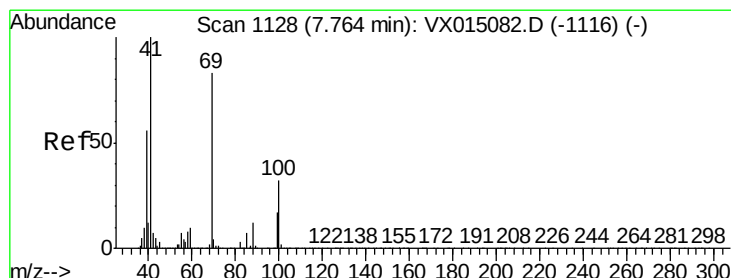
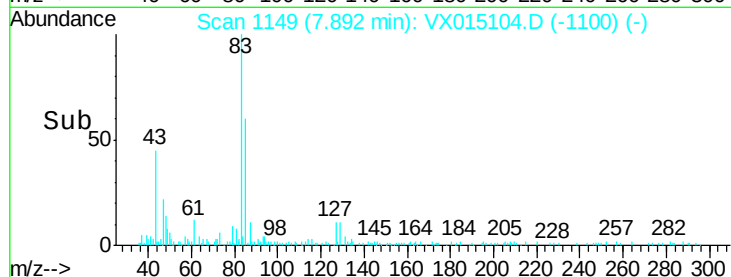
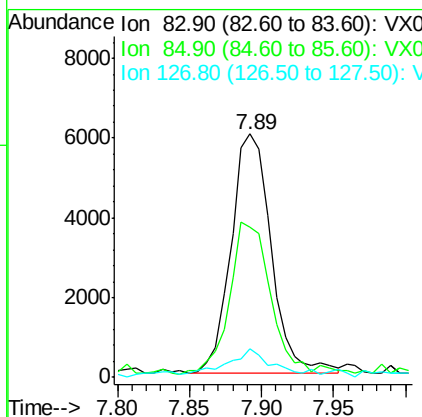
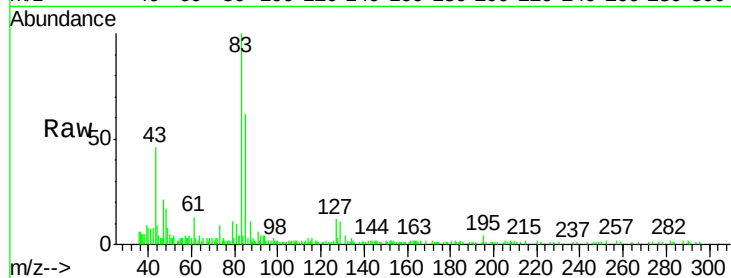
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	83	Resp:	11651
Ion Ratio	Lower	Upper	
83	100		
85	60.1	50.6	75.8
127	10.3	7.1	10.7

Manual Integrations
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3/6/2020 4:49:58 PM



#48

Methyl methacrylate

Concen: 2.450 ug/l

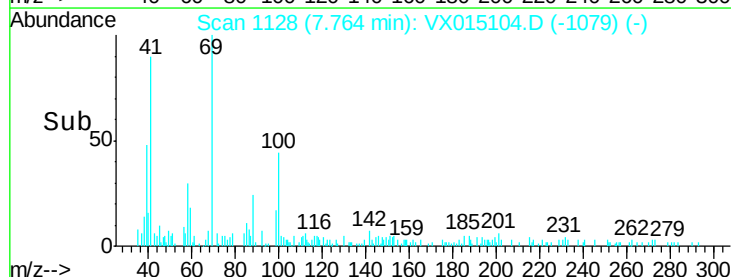
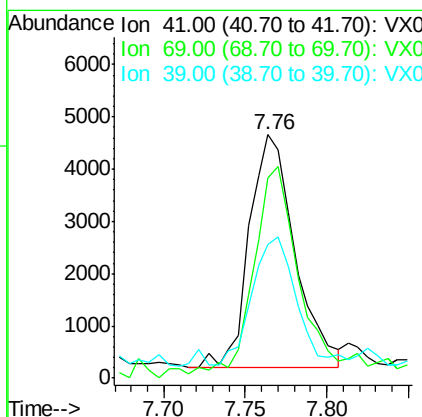
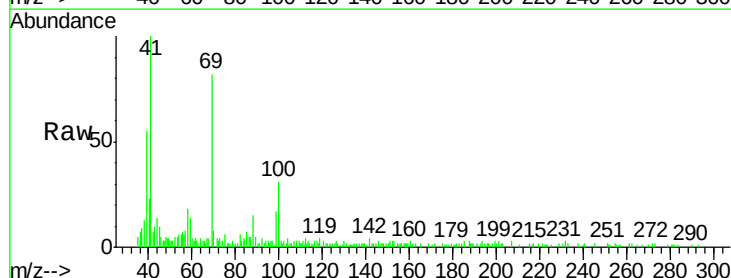
RT: 7.76 min Scan# 1128

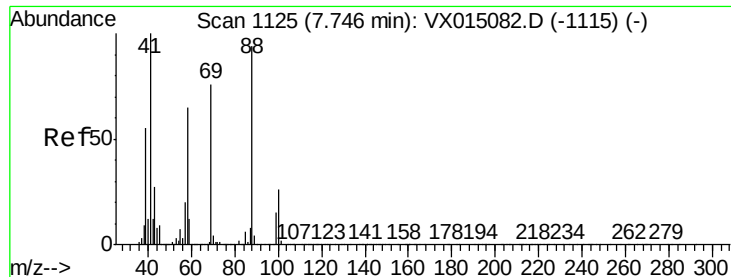
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	41	Resp:	8727
Ion Ratio	Lower	Upper	
41	100		
69	88.2	65.4	98.2
39	53.1	44.6	67.0





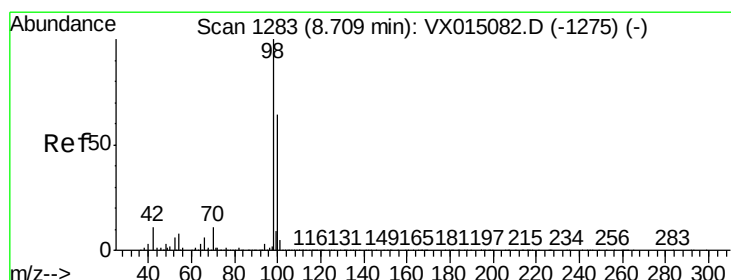
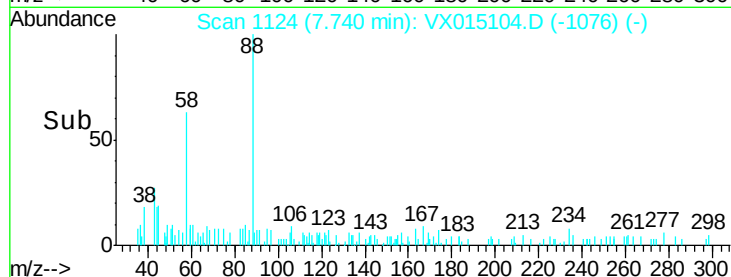
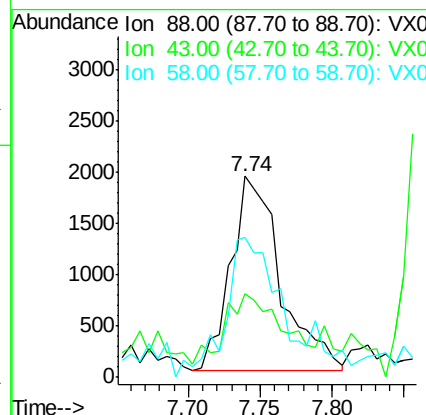
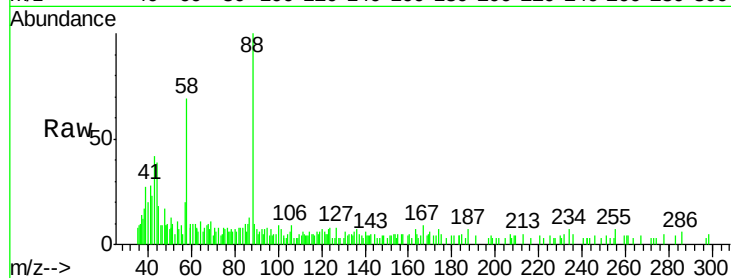
#49
1,4-Dioxane
Concen: 59.655 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
88	100		
43	55.6	27.0	40.4#
58	62.9	55.6	83.4

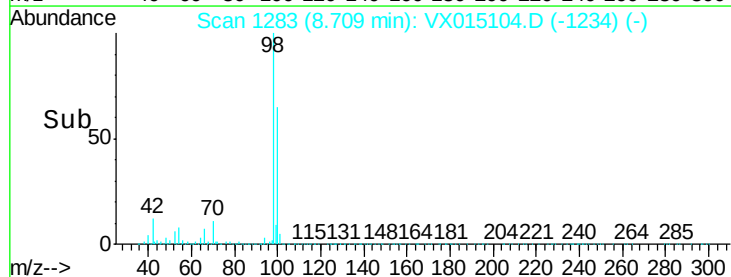
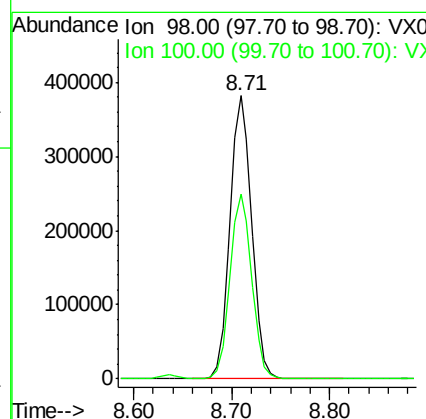
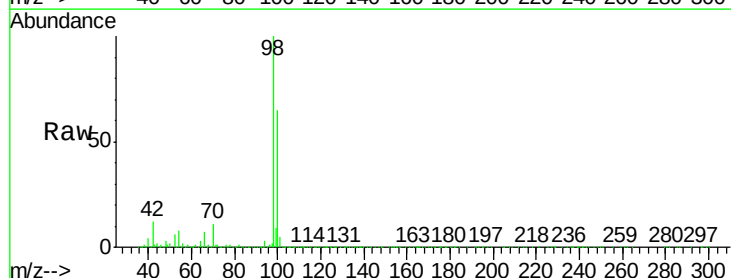
Manual Integrations
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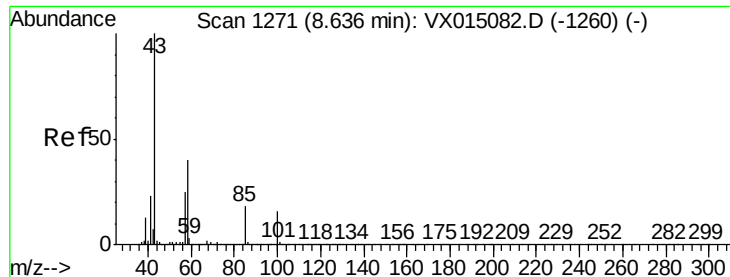
MMDadoda
3/6/2020 4:49:58 PM



#50
Toluene-d8
Concen: 52.692 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





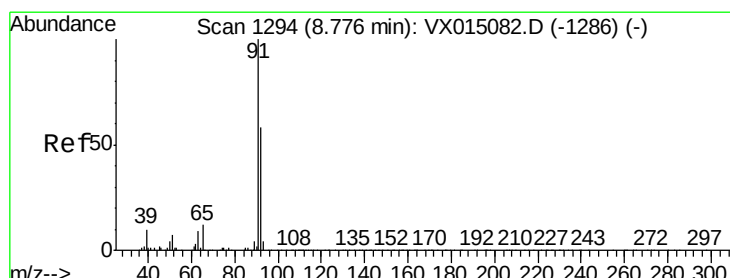
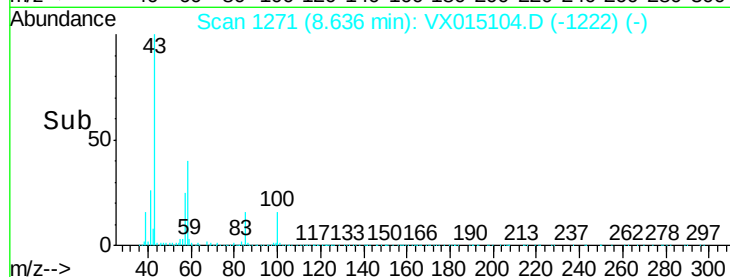
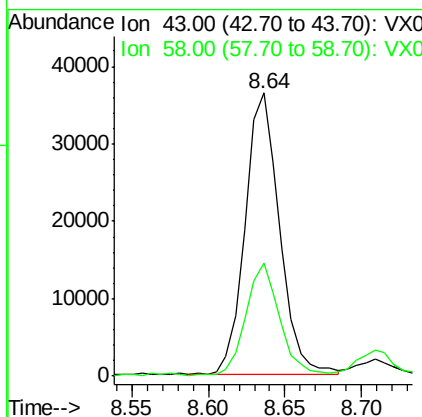
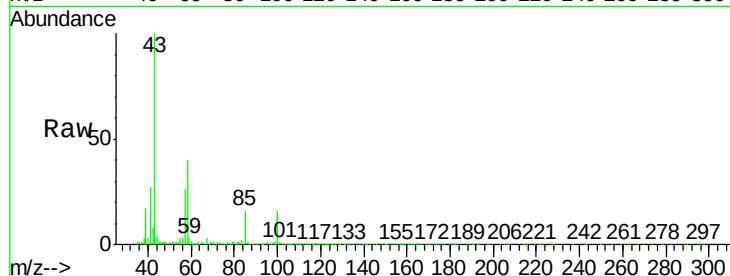
#51
4-Methyl-2-Pentanone
Concen: 13.766 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.6	47.4

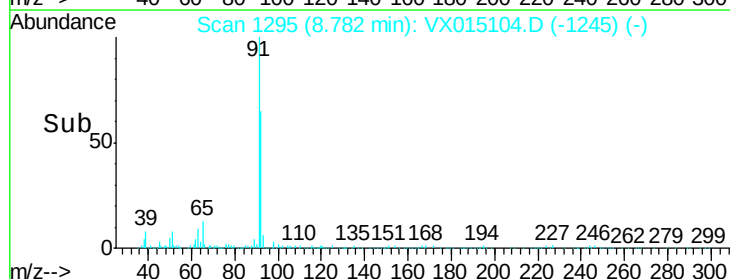
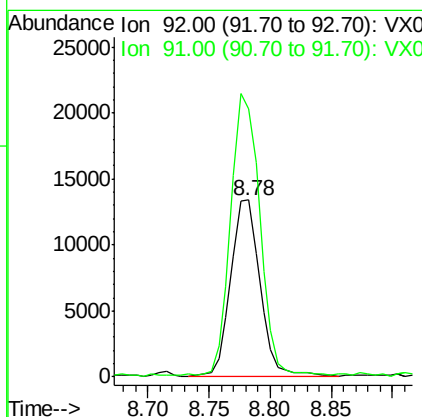
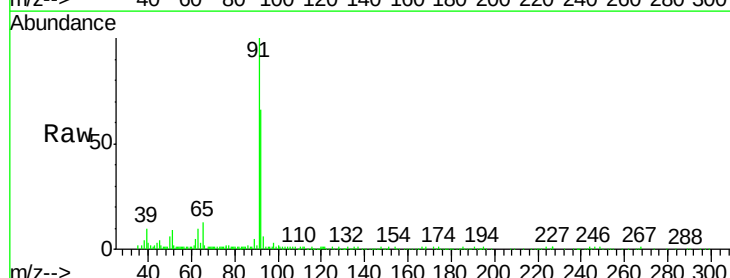
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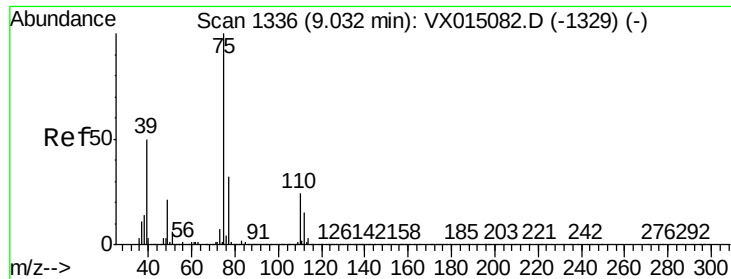
MMDadoda
3/6/2020 4:49:58 PM



#52
Toluene
Concen: 2.892 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	155.6	136.9	205.3





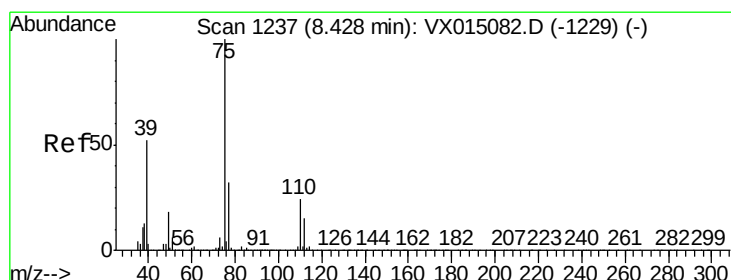
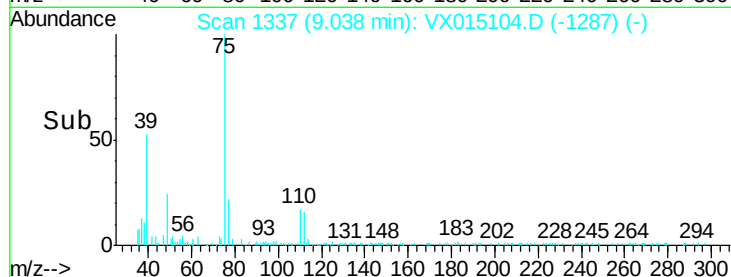
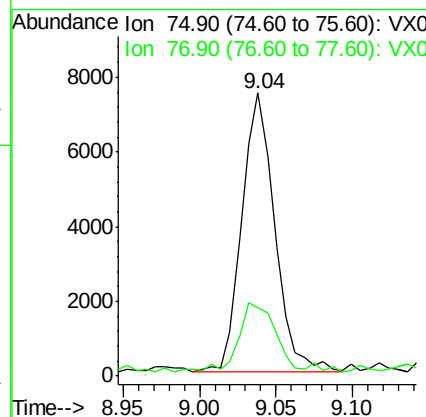
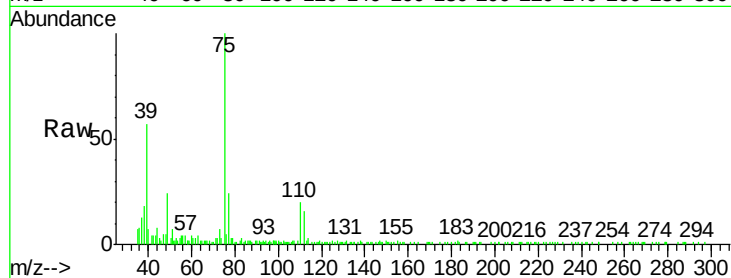
#53
t-1,3-Dichloropropene
Concen: 2.449 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 75 Resp: 11060
Ion Ratio Lower Upper
75 100
77 22.8 25.4 38.0#

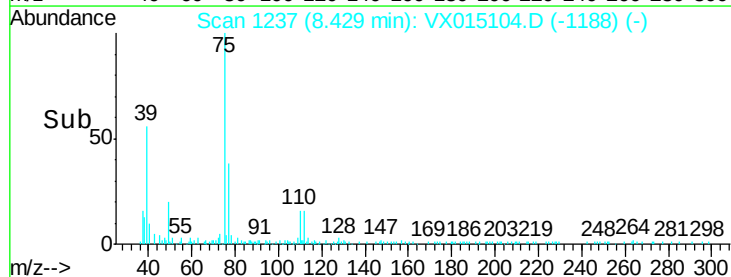
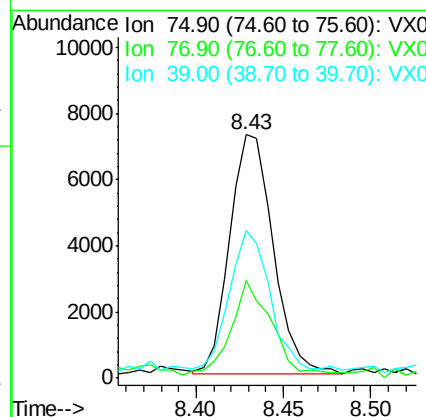
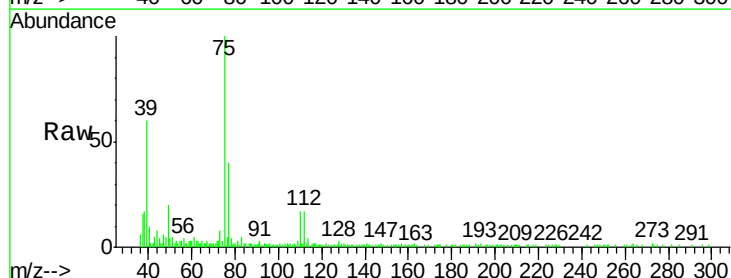
Manual Integrations
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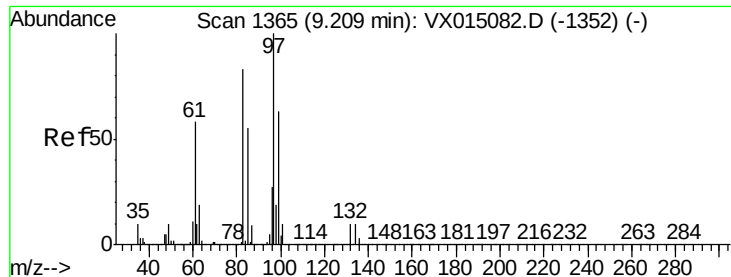
MMDadoda
3/6/2020 4:49:58 PM



#54
cis-1,3-Dichloropropene
Concen: 2.445 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion: 75 Resp: 12486
Ion Ratio Lower Upper
75 100
77 38.5 25.8 38.6
39 58.3 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 3.086 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

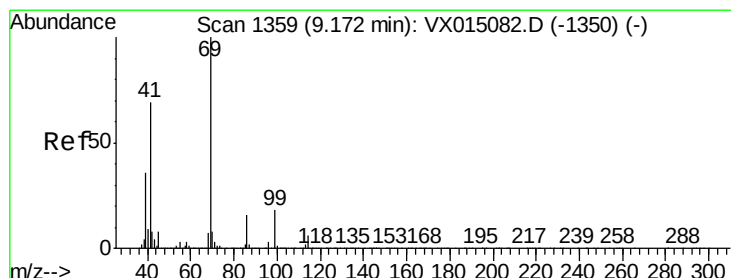
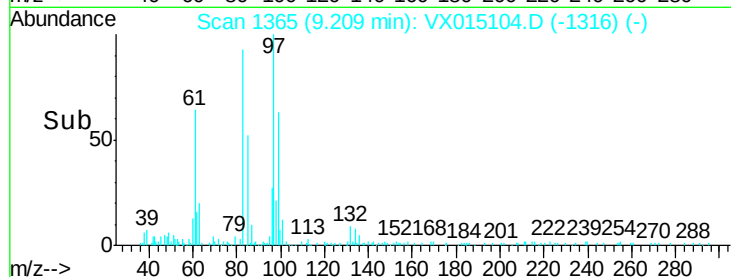
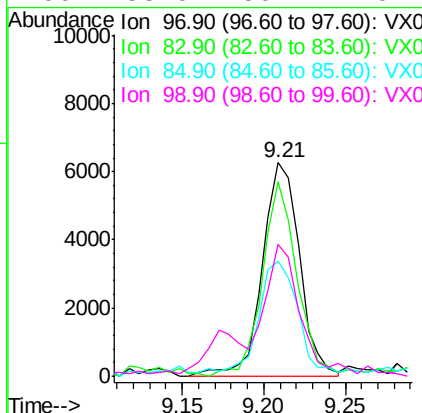
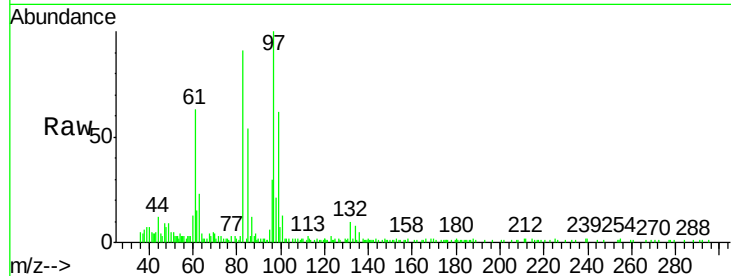
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		9880		
83	90.3		66.4	99.6	
85	52.6		43.5	65.3	
99	58.0		50.7	76.1	

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#56

Ethyl methacrylate

Concen: 2.764 ug/l

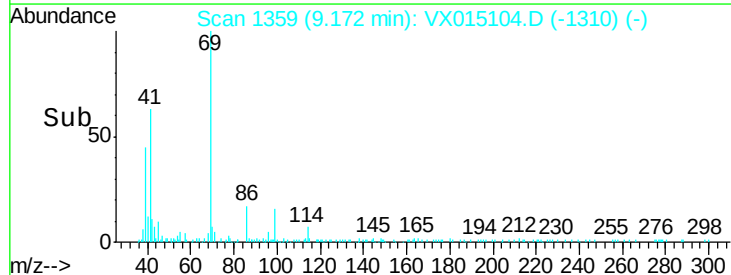
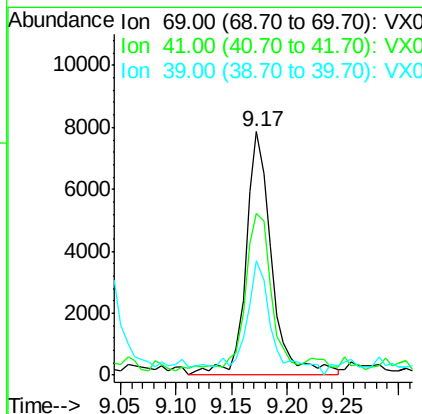
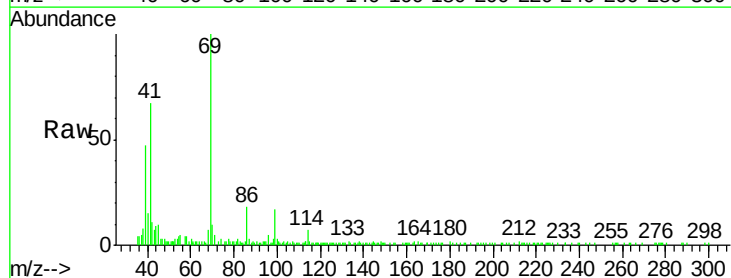
RT: 9.17 min Scan# 1359

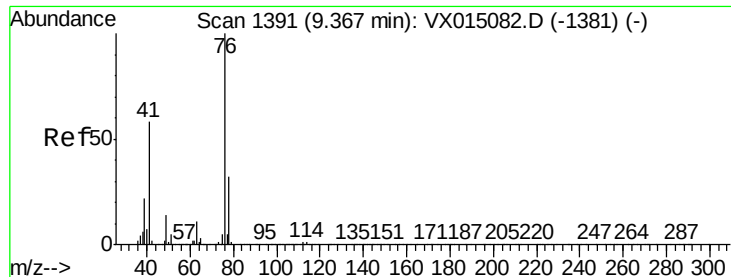
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		12625		
41	66.2		55.8	83.8	
39	47.3		29.4	44.2	





#57

1,3-Dichloropropane

Concen: 3.005 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 76 Resp: 16186

Ion Ratio Lower Upper

76 100

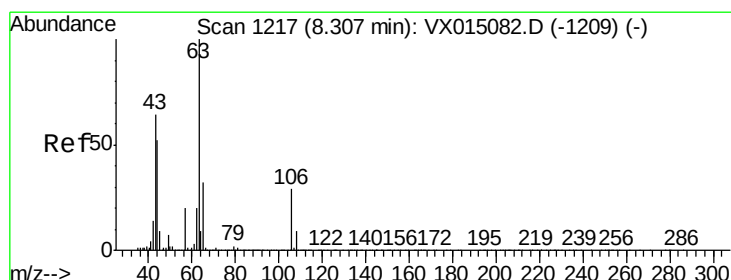
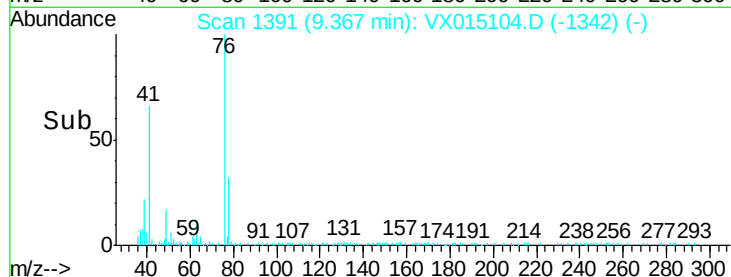
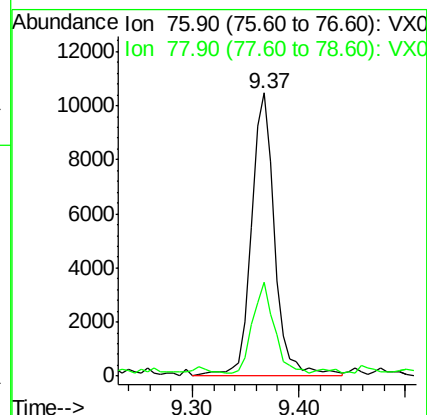
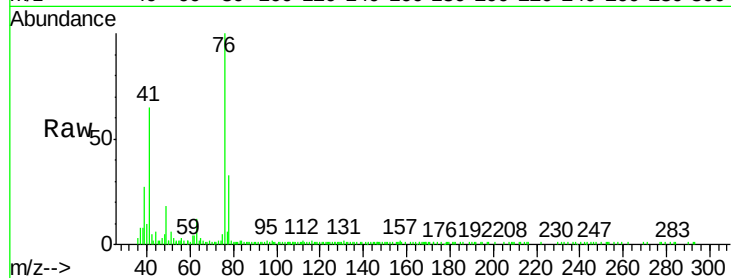
78 32.5 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 11.656 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015104.D

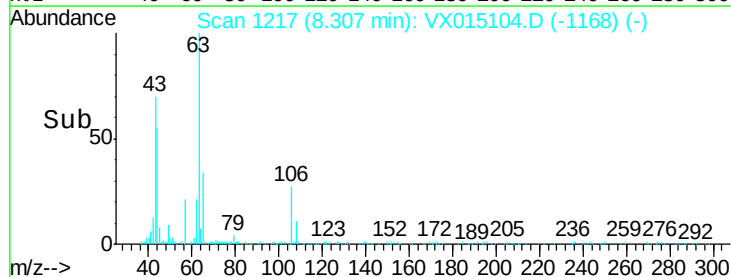
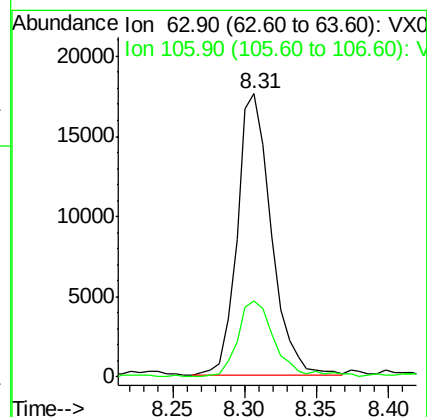
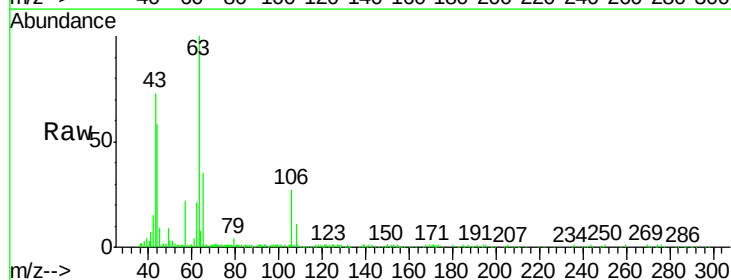
Acq: 05 Mar 2020 12:18

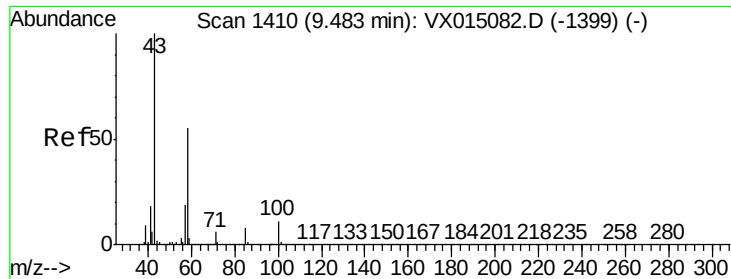
Tgt Ion: 63 Resp: 29002

Ion Ratio Lower Upper

63 100

106 29.6 22.8 34.2





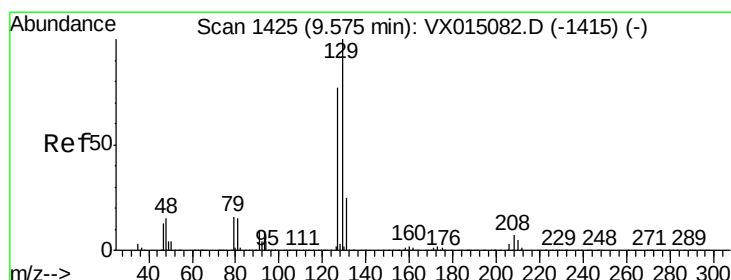
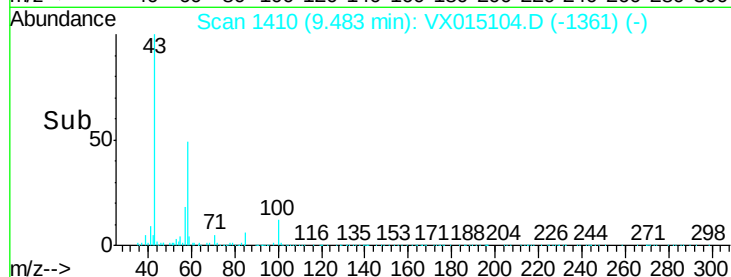
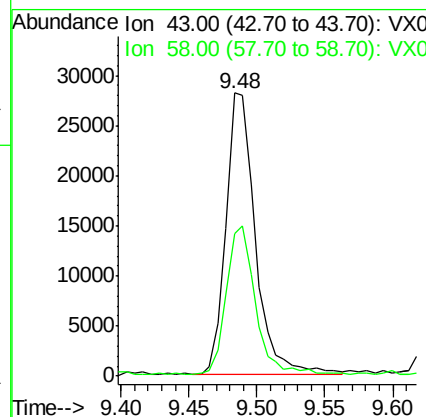
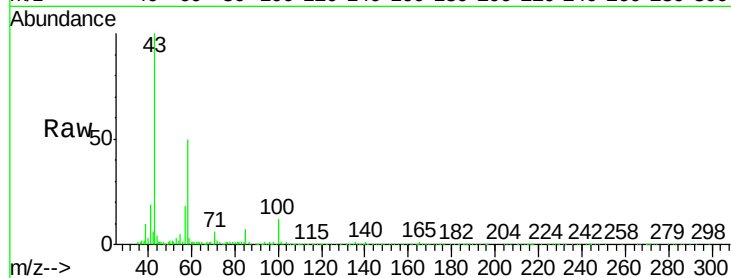
#59
2-Hexanone
Concen: 13.689 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	43	Resp	41981
Ion	Ratio	Lower	Upper
43	100		
58	53.4	27.3	81.8

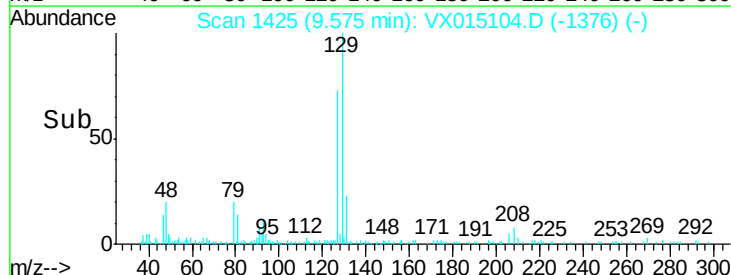
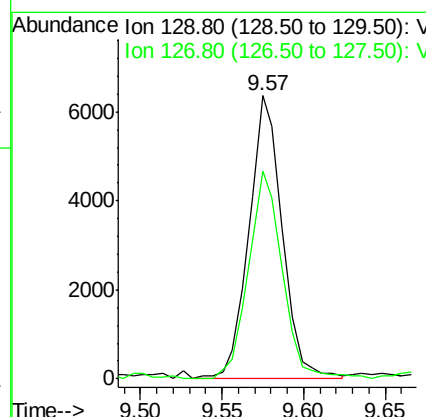
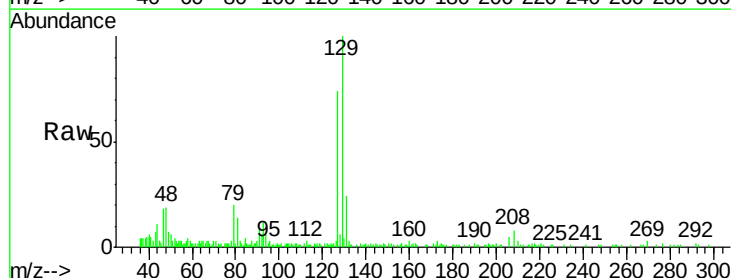
Manual Integrations
APPROVED

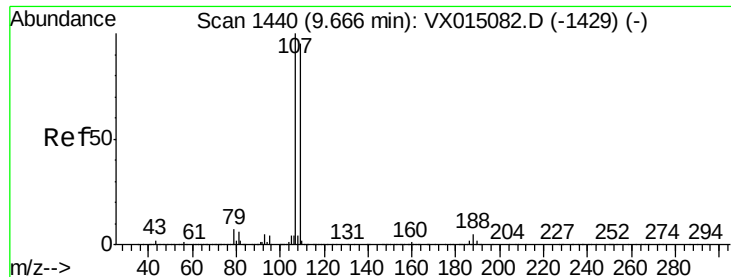
MMDadoda
3/6/2020 4:49:58 PM



#60
Dibromochloromethane
Concen: 2.700 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	129	Resp	9082
Ion	Ratio	Lower	Upper
129	100		
127	74.8	38.8	116.3





#61

1,2-Dibromoethane

Concen: 2.699 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 107 Resp: 9078

Ion Ratio Lower Upper

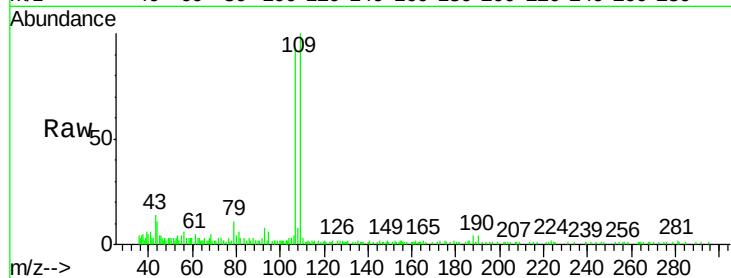
107 100

109 98.0 75.6 113.4

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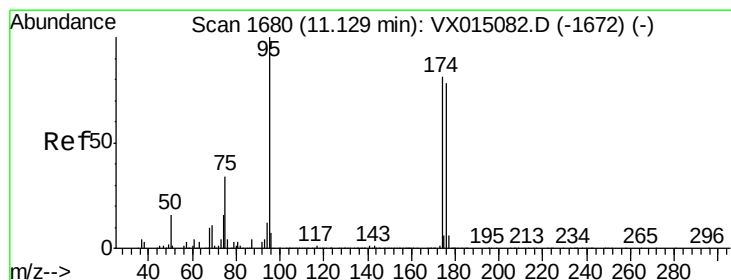
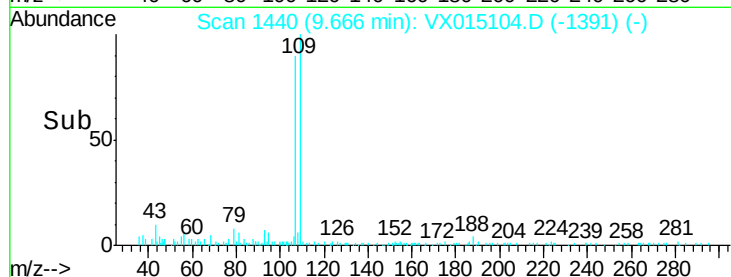
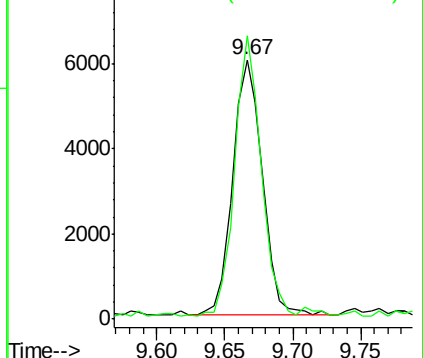
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.279 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

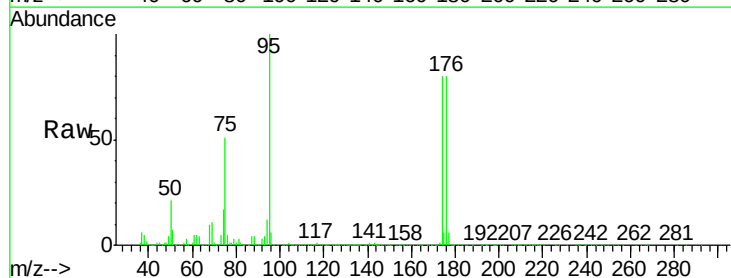
Tgt Ion: 95 Resp: 203615

Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.6

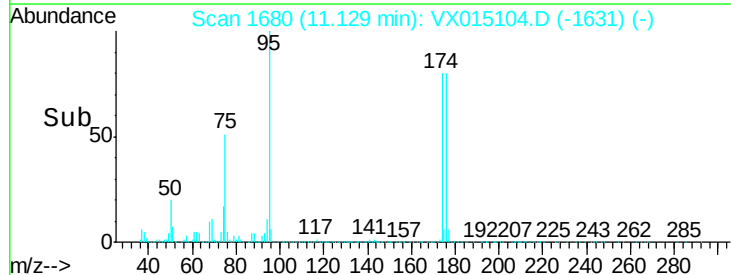
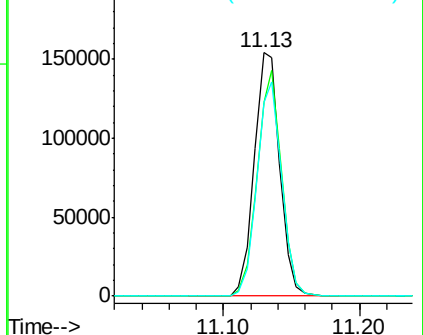
176 85.8 0.0 170.2

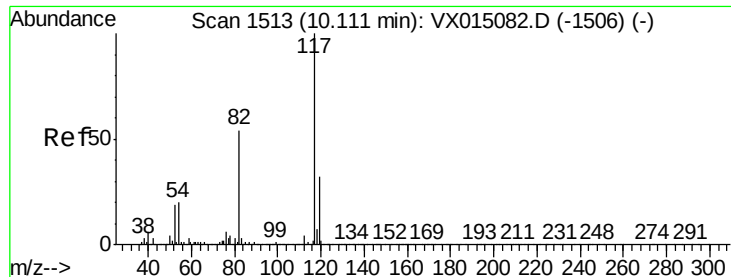


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





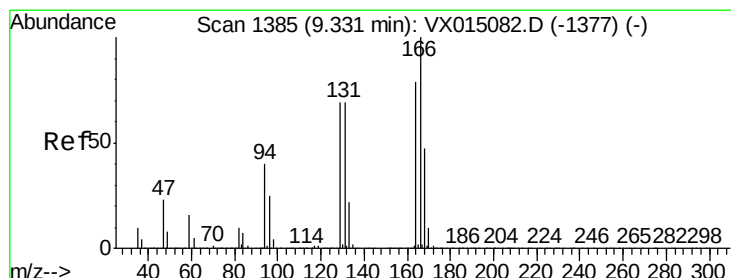
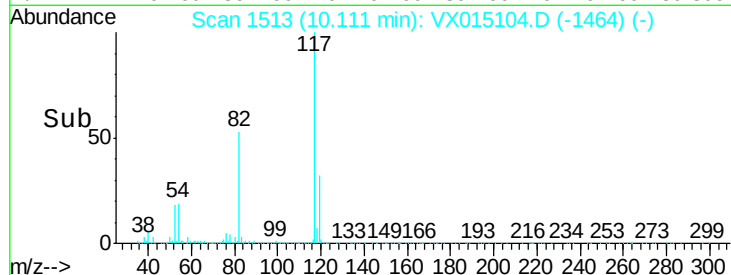
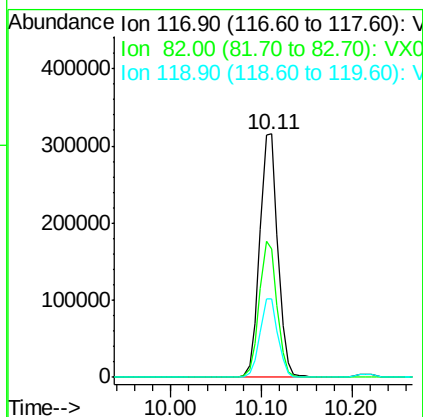
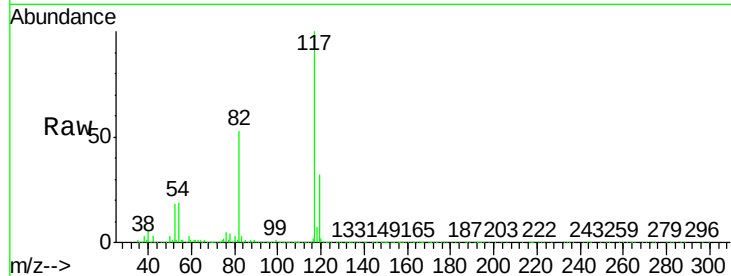
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.1	25.8	38.8

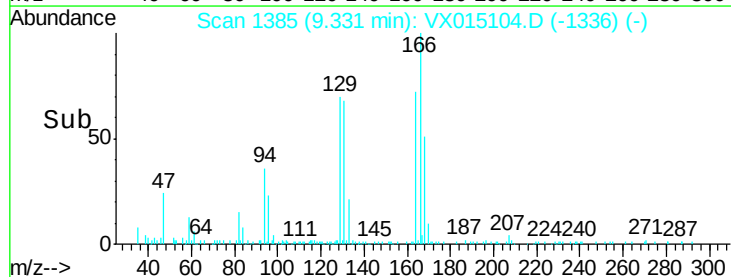
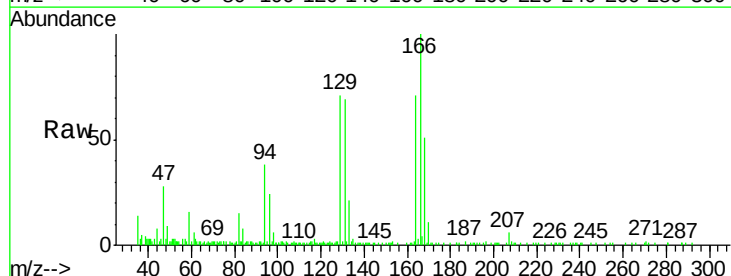
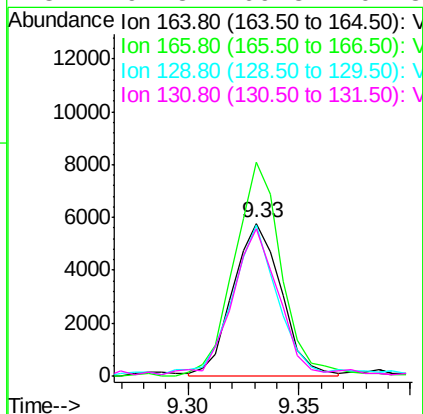
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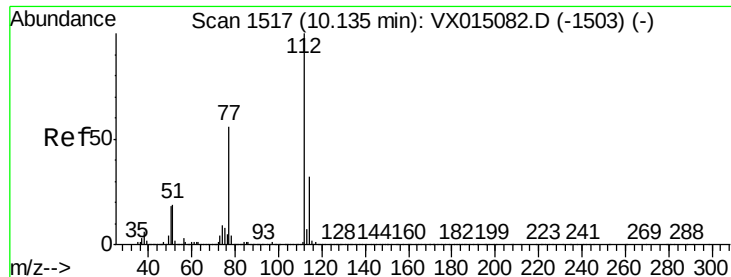
MMDadoda
3/6/2020 4:49:58 PM



#64
Tetrachloroethene
Concen: 2.426 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	139.7	101.1	151.7
129	96.7	69.4	104.0
131	94.8	69.8	104.8





#65

Chlorobenzene

Concen: 2.672 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:112 Resp: 23354

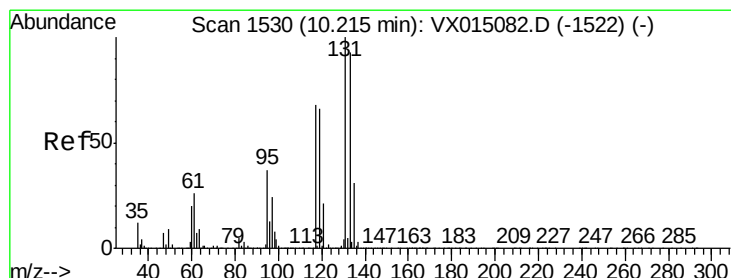
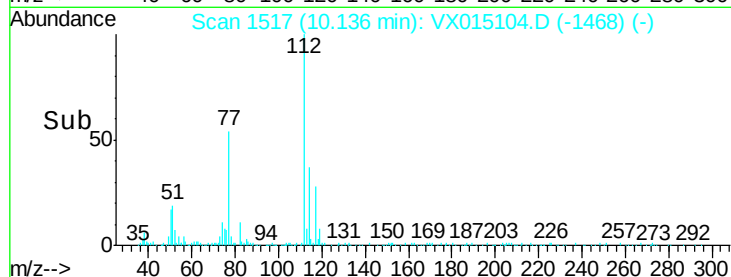
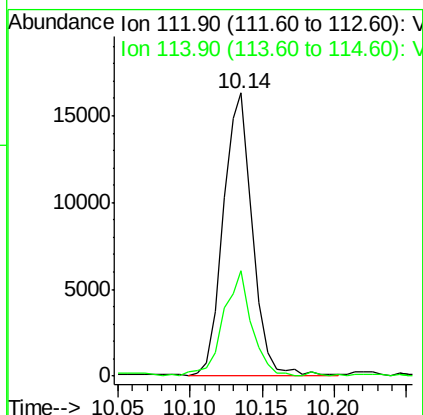
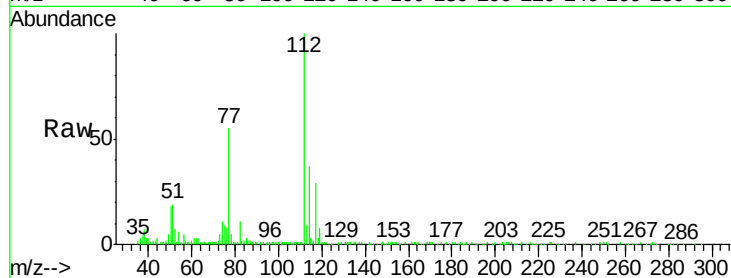
Ion Ratio Lower Upper

112 100

114 36.3 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 2.600 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

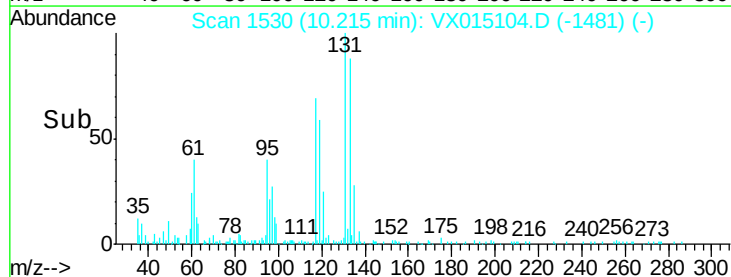
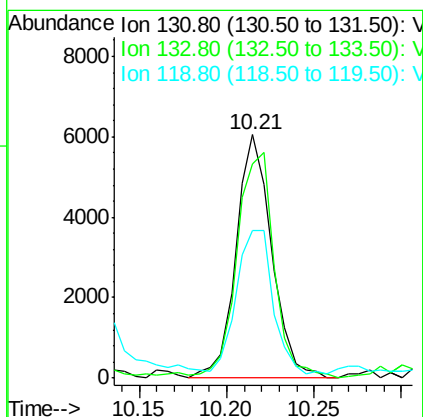
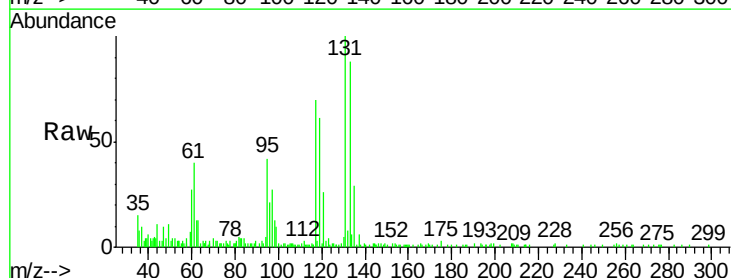
Tgt Ion:131 Resp: 8570

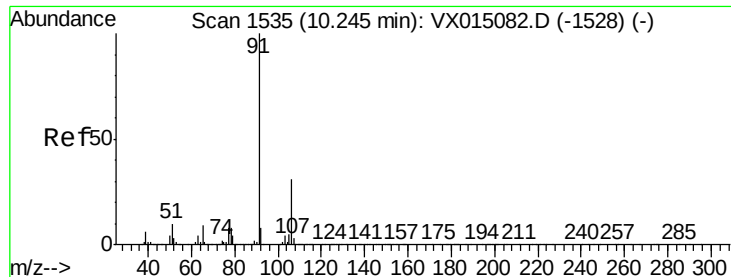
Ion Ratio Lower Upper

131 100

133 97.4 47.5 142.5

119 61.7 33.4 100.1





#67

Ethyl Benzene

Concen: 2.443 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 36264

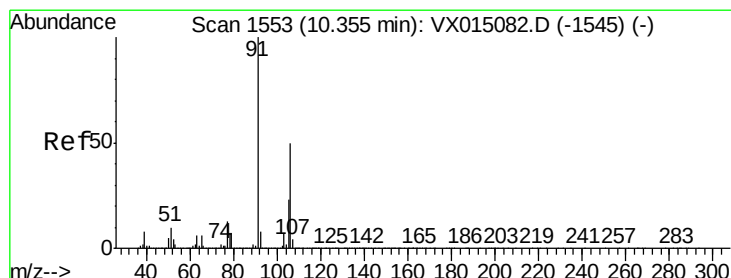
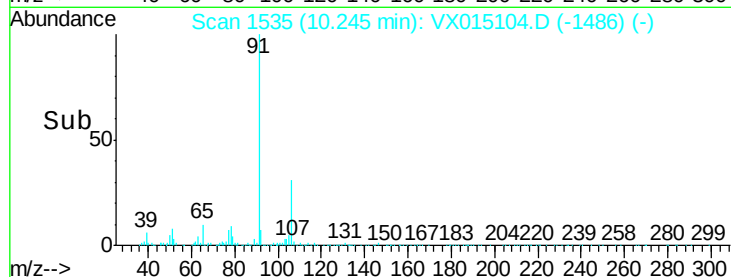
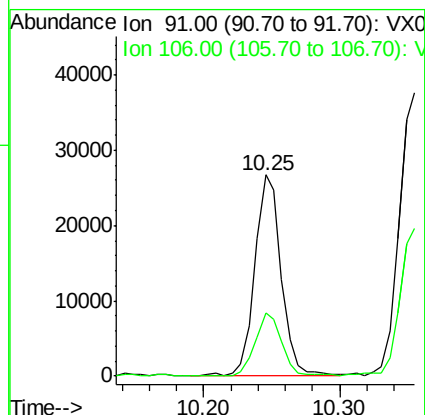
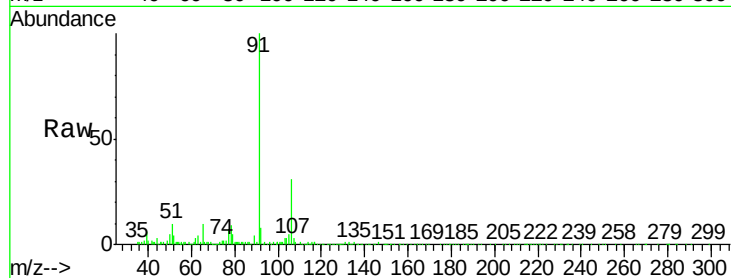
Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 4.710 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015104.D

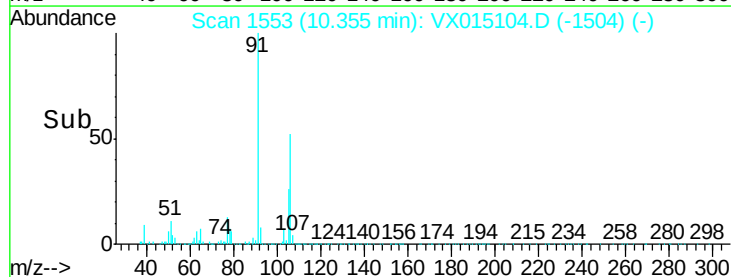
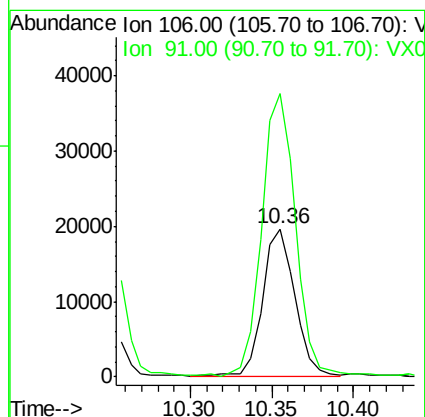
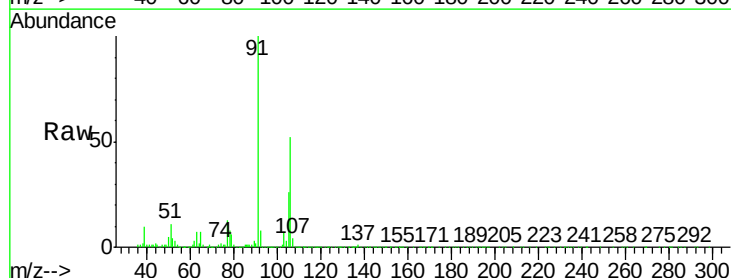
Acq: 05 Mar 2020 12:18

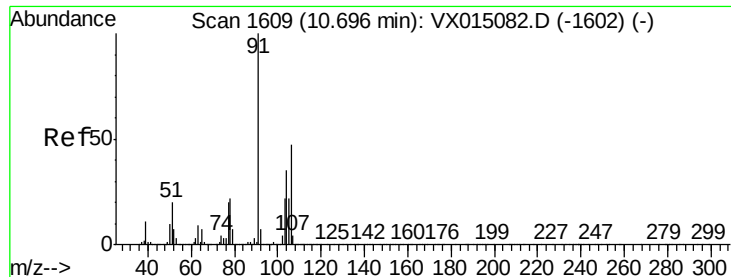
Tgt Ion: 106 Resp: 26599

Ion Ratio Lower Upper

106 100

91 201.9 159.4 239.2





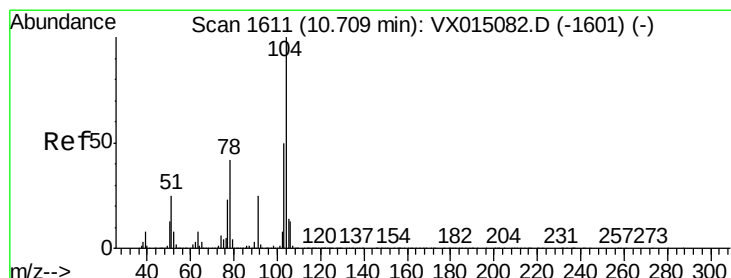
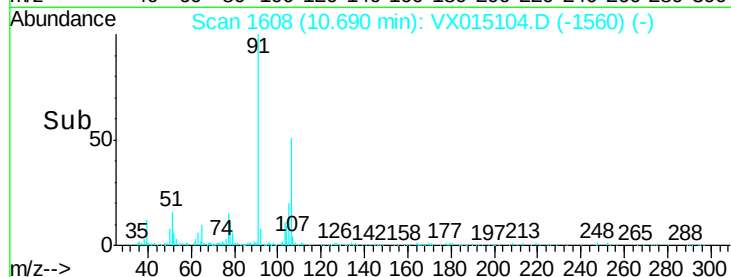
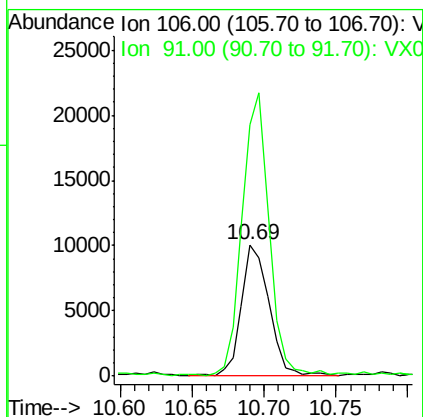
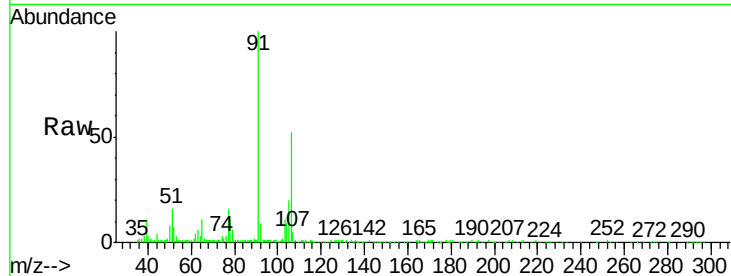
#69
o-Xylene
Concen: 2.480 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	105.4	316.1

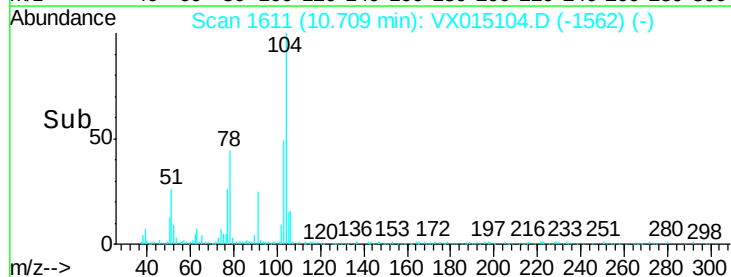
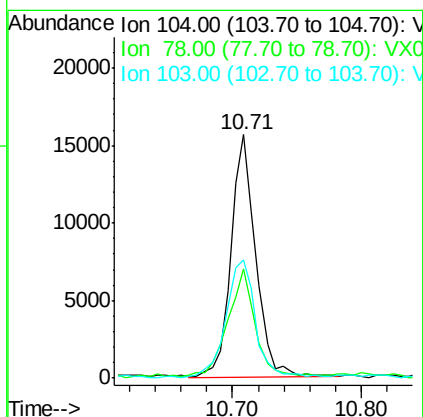
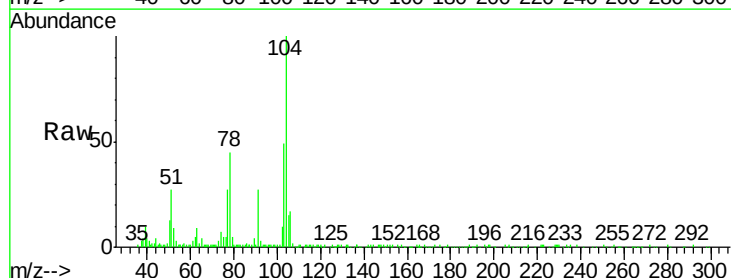
Manual Integrations
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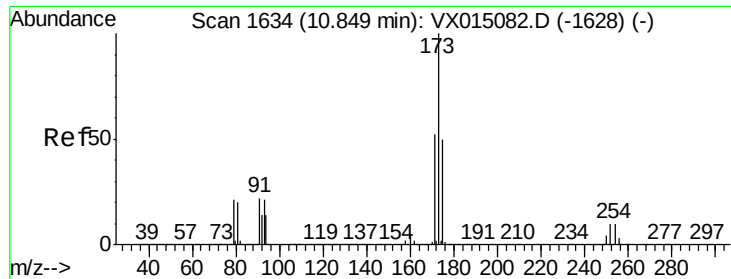
MMDadoda
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#70
Styrene
Concen: 2.266 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	39.0	58.4
103	59.7	43.7	65.5





#71

Bromoform

Concen: 2.418 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

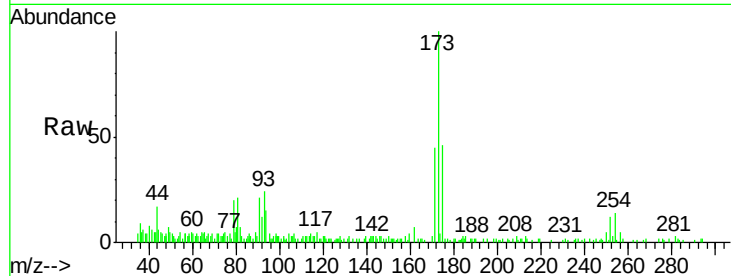
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

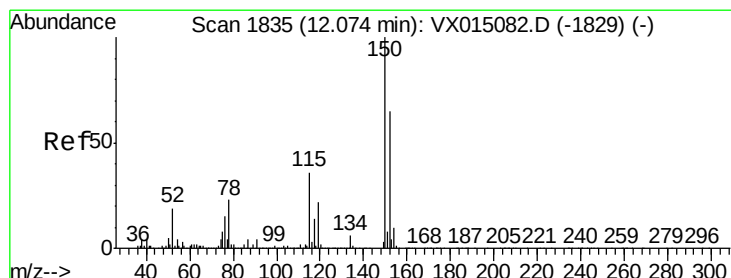
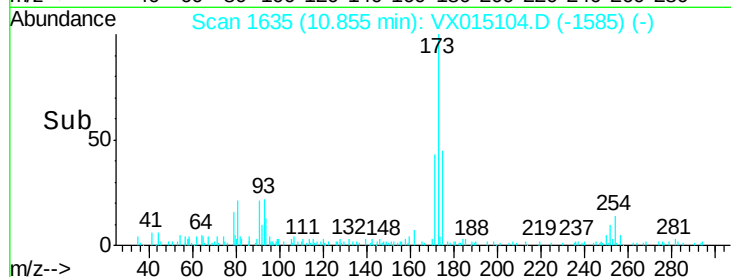
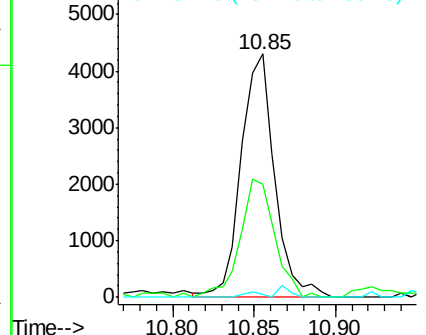
Tot Ion:	173	Resp:	6180
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.9	74.7
254	1.3	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

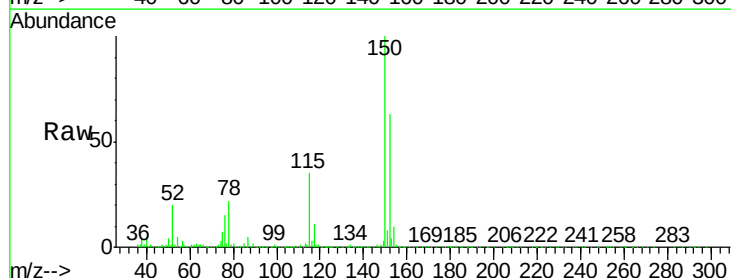
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

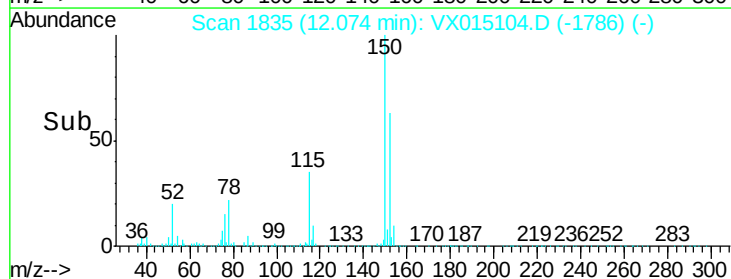
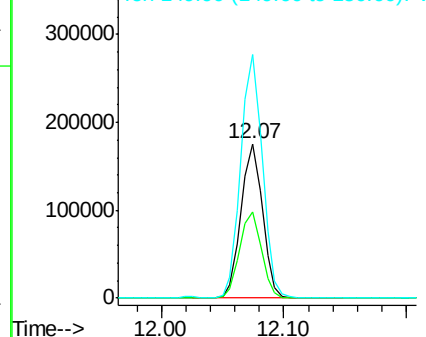
Lab File: VX015104.D

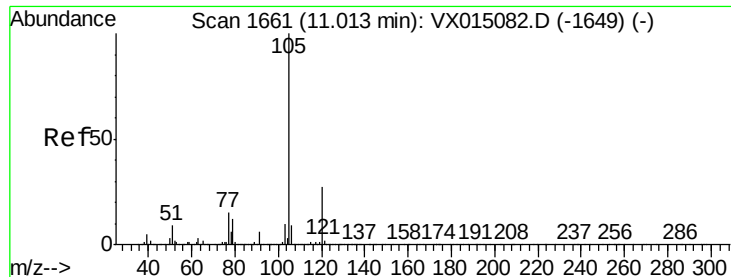
Acq: 05 Mar 2020 12:18

Tgt Ion:	152	Resp:	212102
Ion Ratio	Lower	Upper	
152	100		
115	56.7	38.2	114.6
150	158.9	0.0	343.8



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





#73

Isopropylbenzene

Concen: 2.423 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 105 Resp: 32832

Ion Ratio Lower Upper

105 100

120 25.4

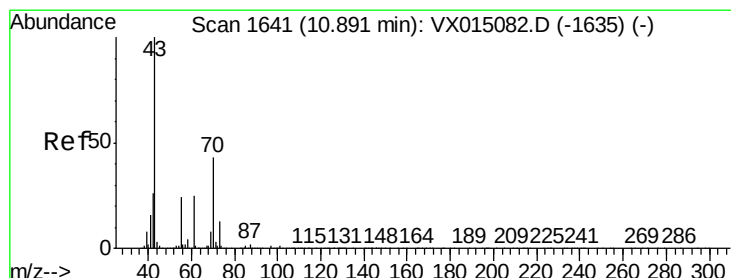
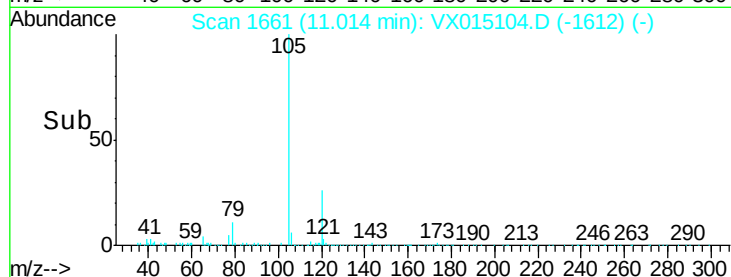
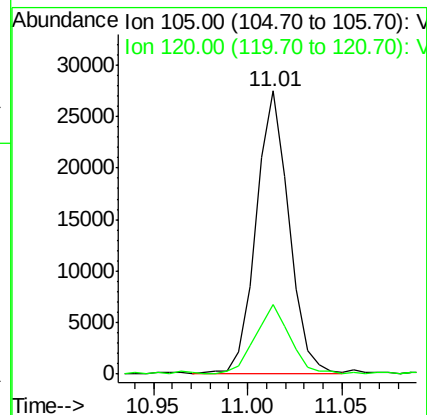
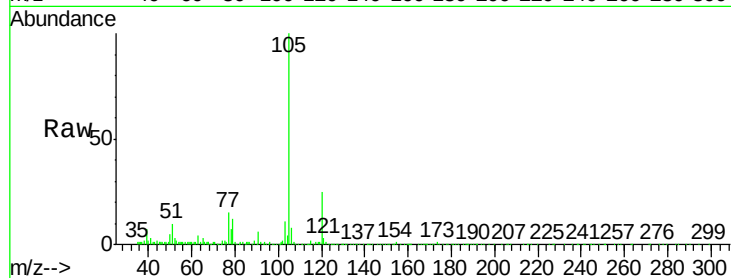
13.5

40.5

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#74

N-ethyl acetate

Concen: 2.553 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion: 43 Resp: 14580

Ion Ratio Lower Upper

43 100

70 40.7

34.7

52.1

55 28.3

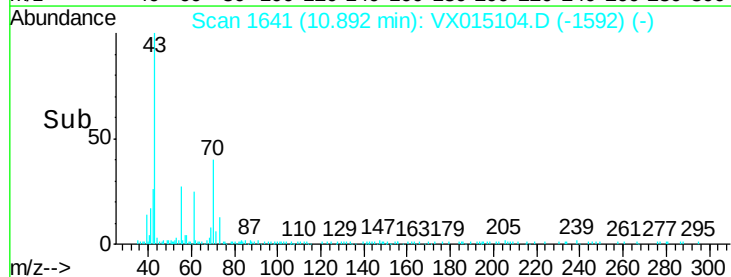
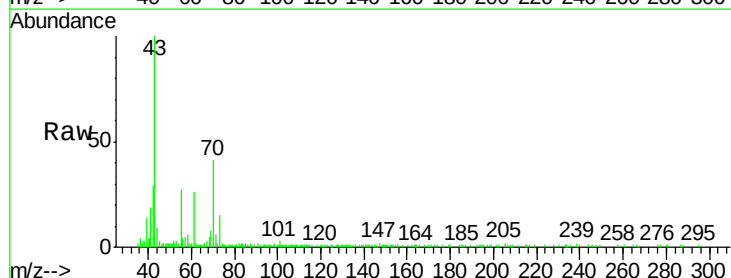
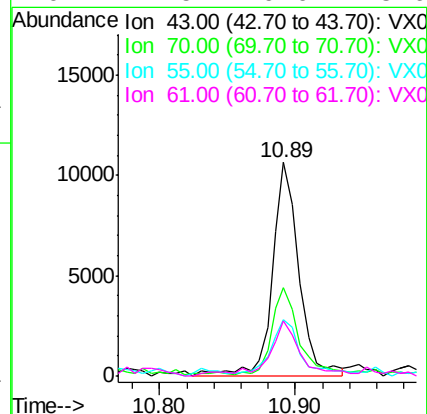
19.4

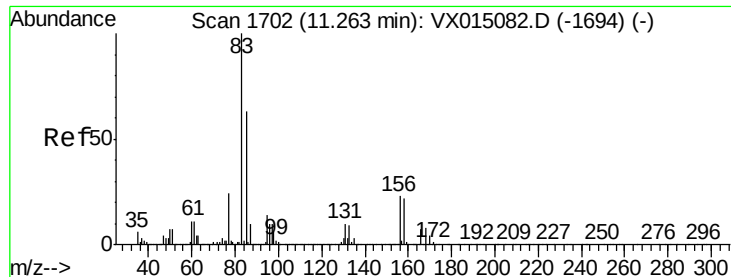
29.0

61 24.5

19.0

28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 2.826 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

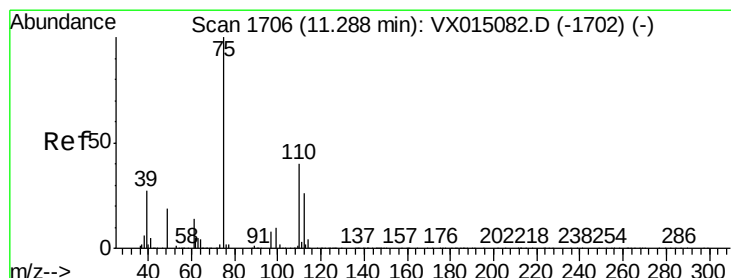
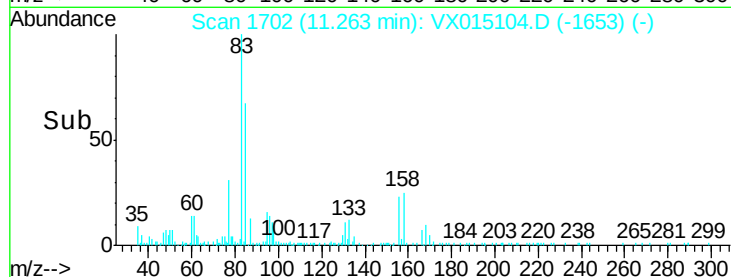
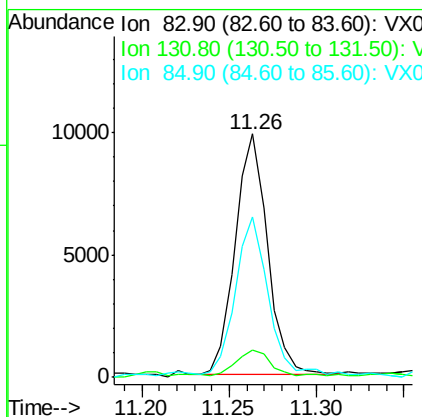
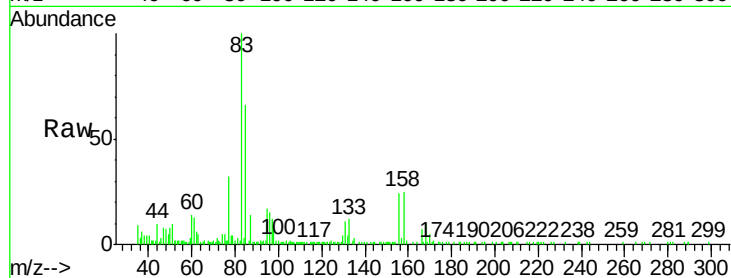
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	83	Resp:	12760
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	68.2	31.9	95.9

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3/6/2020 4:49:58 PM



#76

1,2,3-Trichloropropane

Concen: 3.066 ug/l m

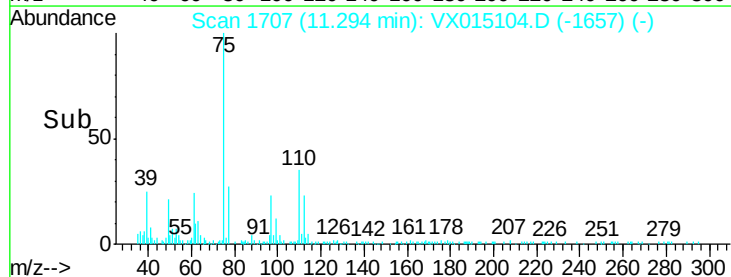
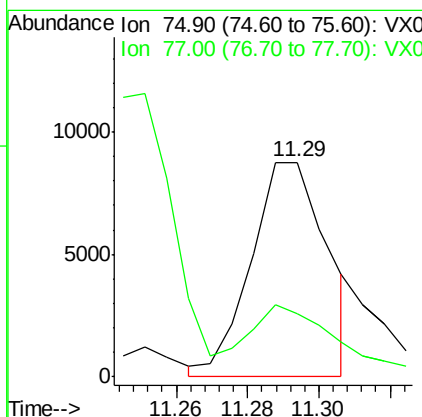
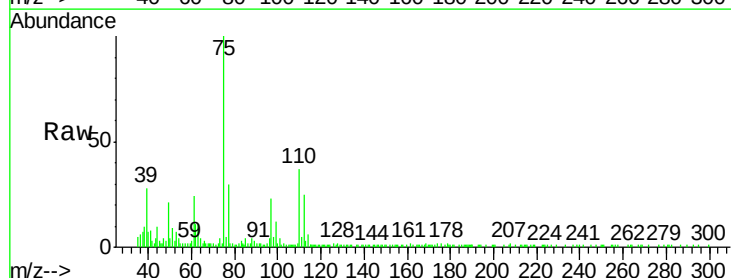
RT: 11.29 min Scan# 1707

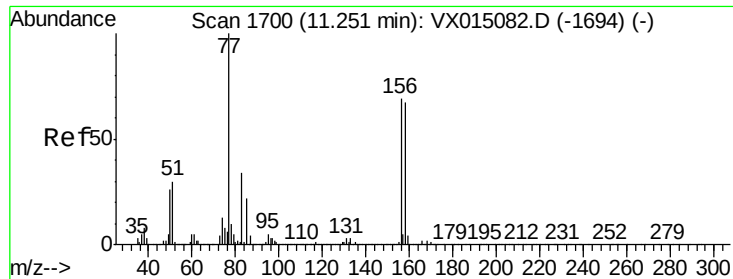
Delta R.T. 0.01 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	75	Resp:	12971
Ion Ratio	Lower	Upper	
75	100		
77	33.4	22.6	67.8





#77

Bromobenzene

Concen: 2.702 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

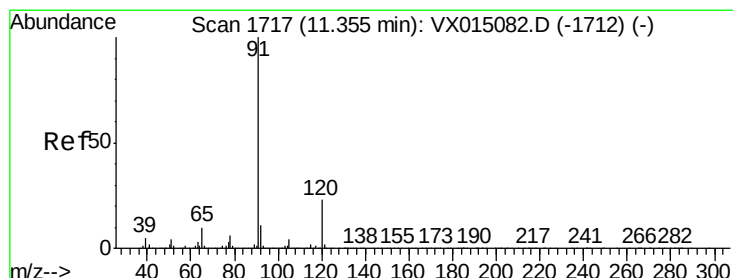
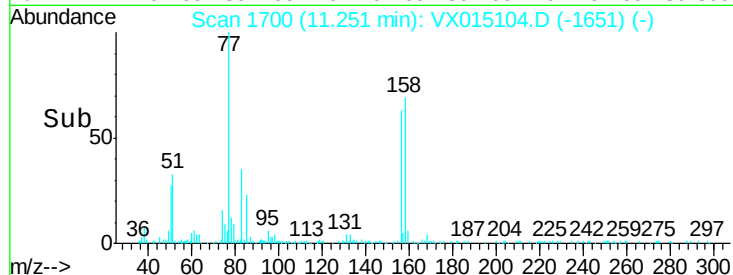
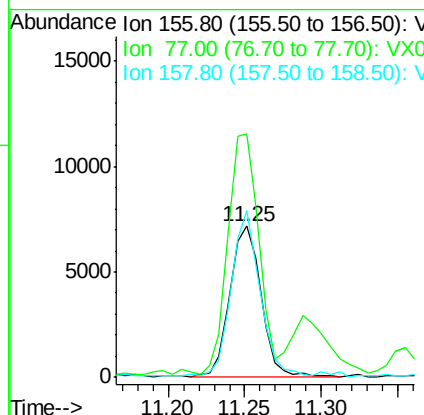
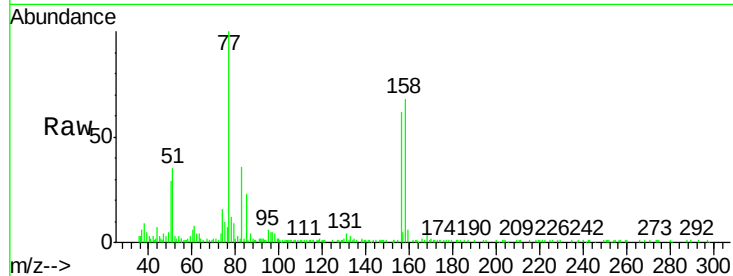
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	156	Resp:	10203
Ion Ratio	Lower	Upper	
156	100		
77	154.7	75.3	225.9
158	100.4	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 2.365 ug/l

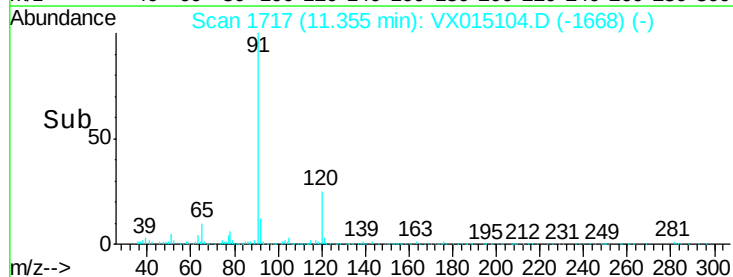
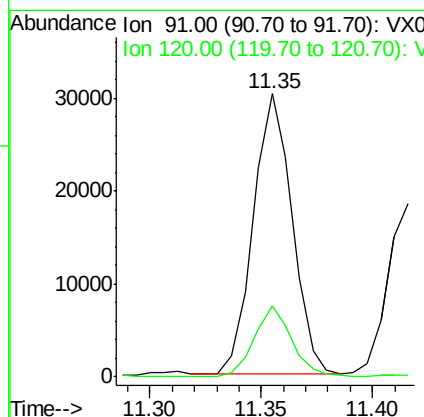
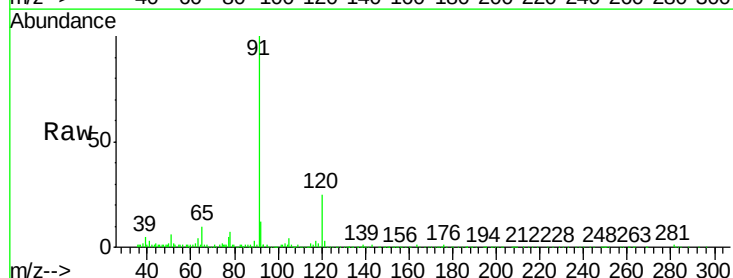
RT: 11.35 min Scan# 1717

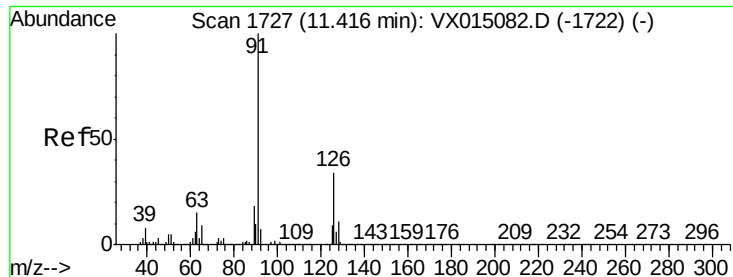
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion:	91	Resp:	36604
Ion Ratio	Lower	Upper	
91	100		
120	24.9	11.7	35.1





#79

2-Chlorotoluene

Concen: 2.544 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 23521

Ion Ratio Lower Upper

91 100

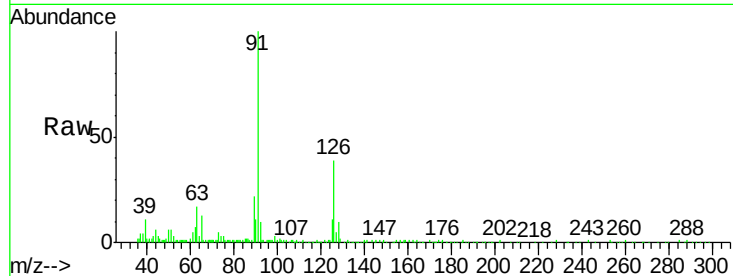
126 37.7 17.3 52.0

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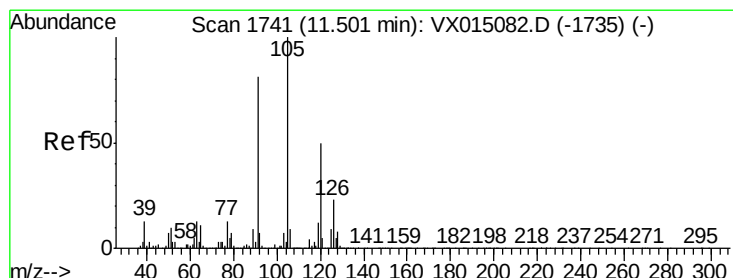
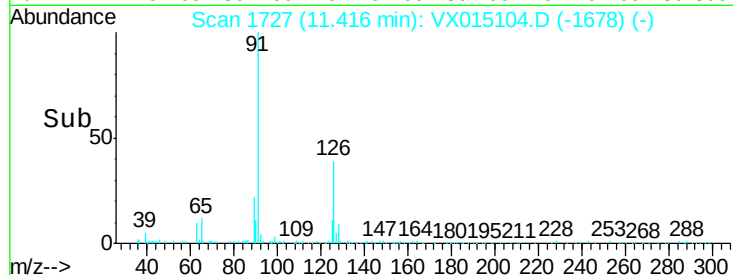
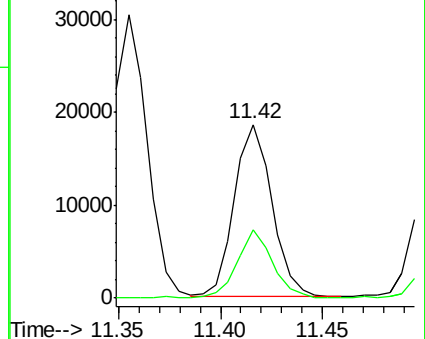
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX015104.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX015104.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.378 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015104.D

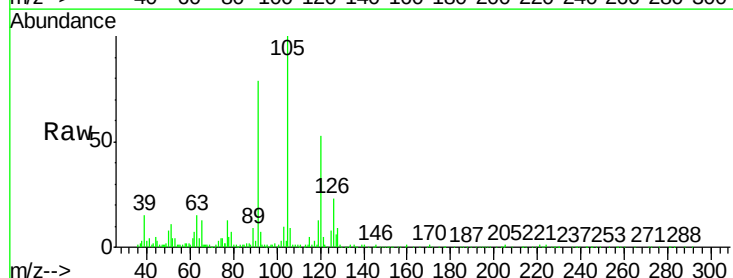
Acq: 05 Mar 2020 12:18

Tgt Ion: 105 Resp: 26824

Ion Ratio Lower Upper

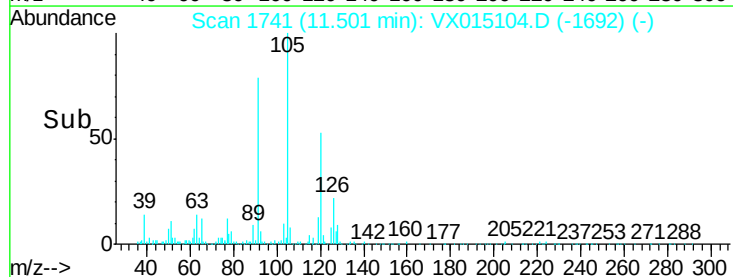
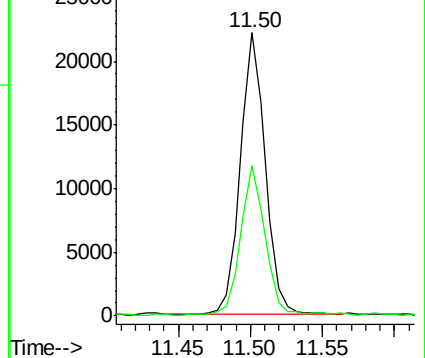
105 100

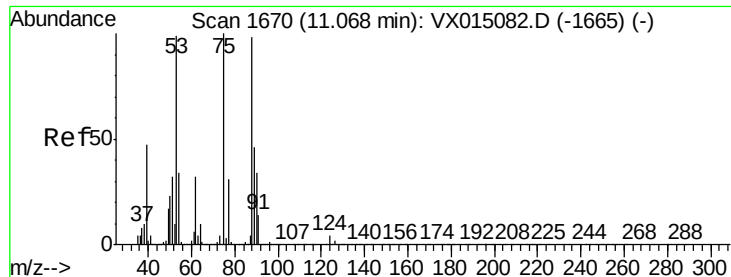
120 51.5 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VX015104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX015104.D (-1692) (-)





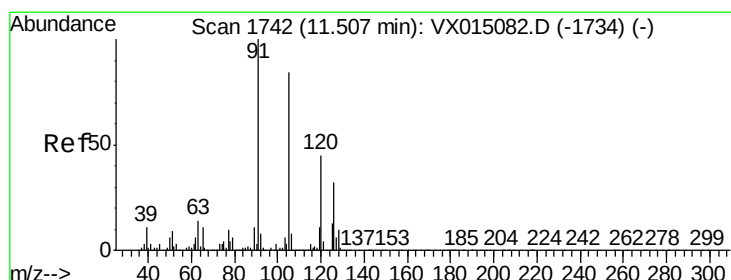
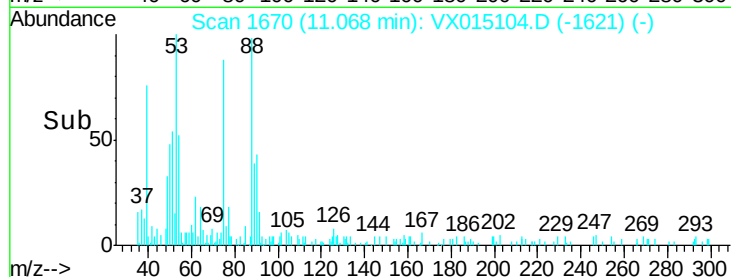
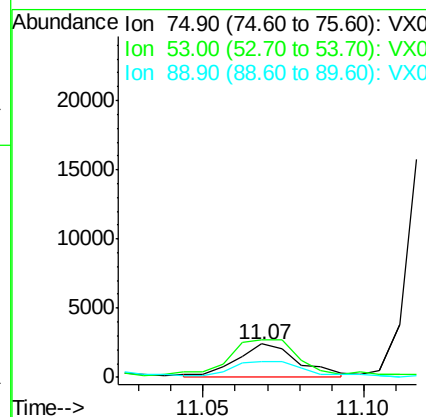
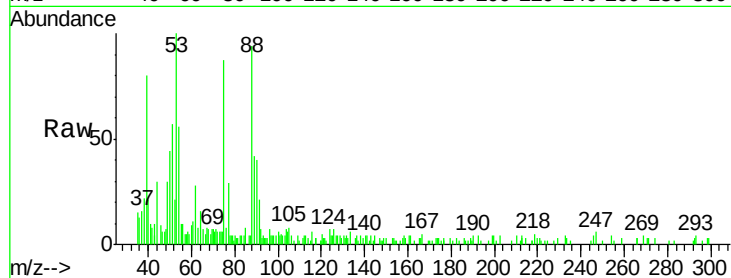
#81
trans-1,4-Dichloro-2-butene
Concen: 2.171 ug/l m
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
75	100		
53	8.2	77.9	116.9#
89	9.2	36.2	54.2#

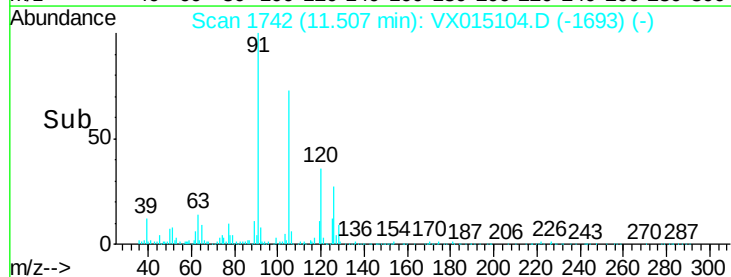
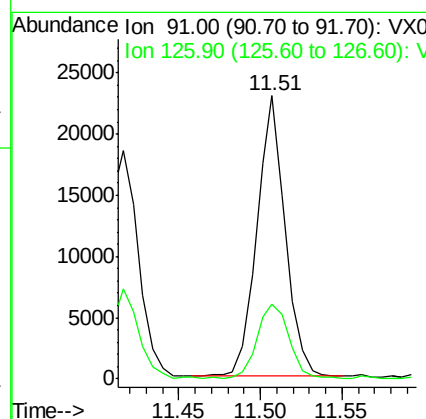
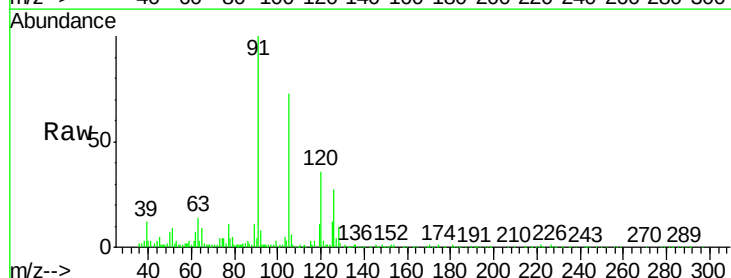
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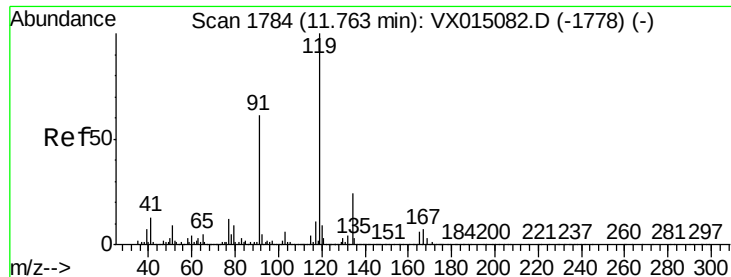
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#82
4-Chlorotoluene
Concen: 2.524 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





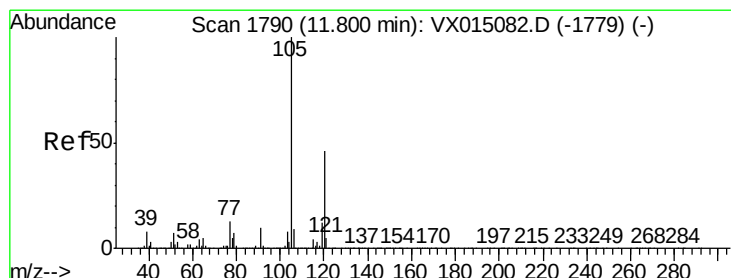
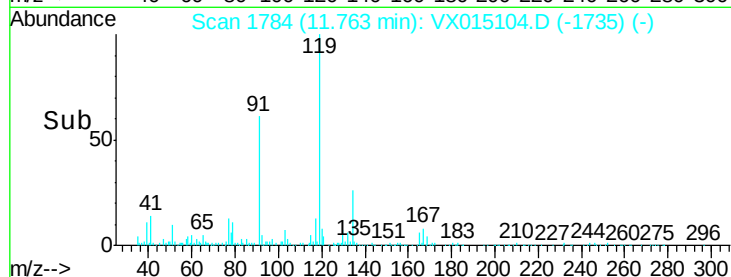
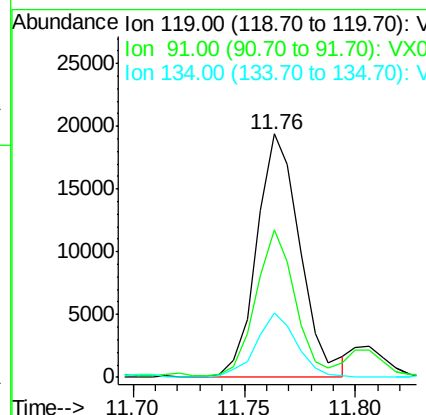
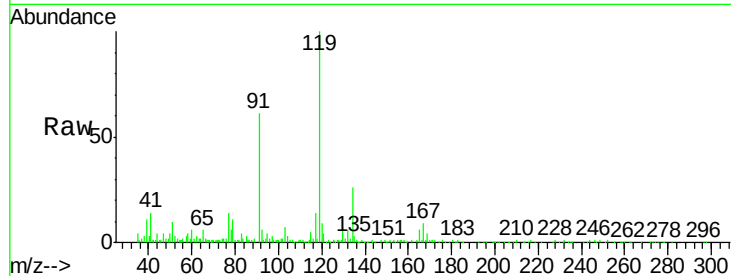
#83
 tert-Butylbenzene
 Concen: 2.423 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Resp	Lower	Upper
119	100	26431		
91	53.8		28.5	85.6
134	25.0		11.9	35.7

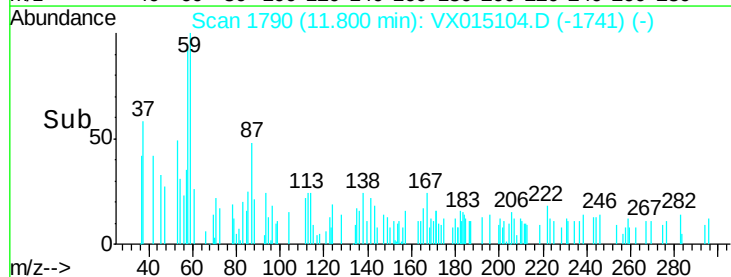
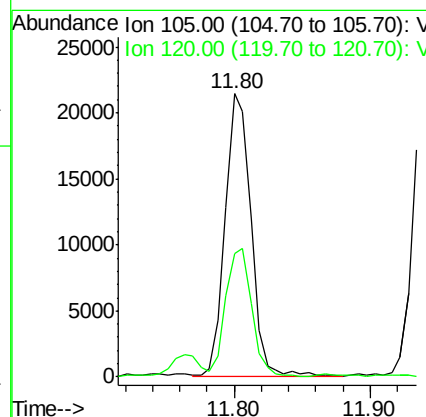
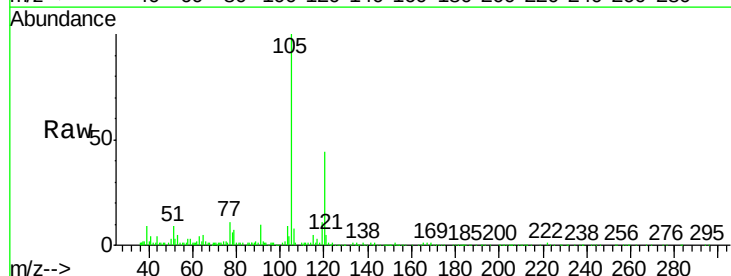
Manual Integrations
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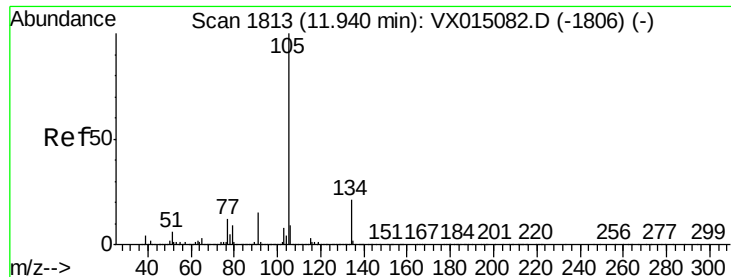
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 2.516 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	28507		
120	45.5		22.9	68.5





#85

sec-Butylbenzene

Concen: 2.256 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:105 Resp: 29708

Ion Ratio Lower Upper

105 100

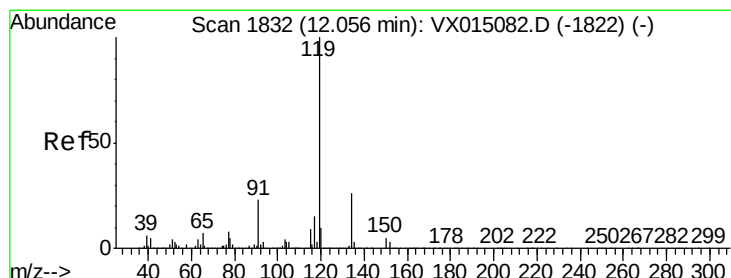
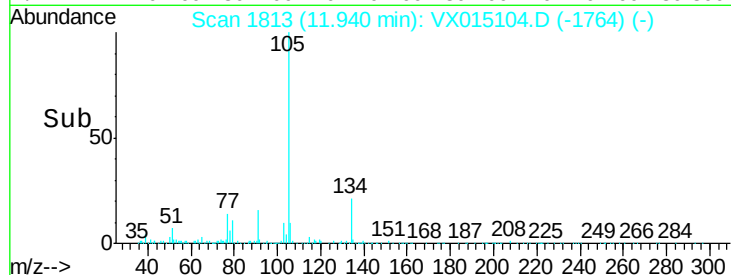
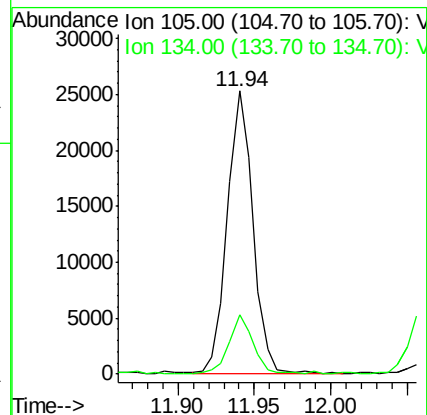
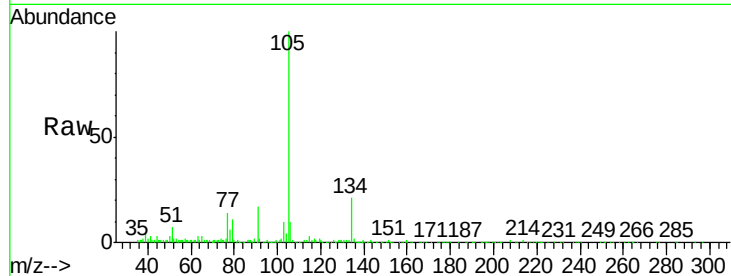
134 20.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 2.218 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

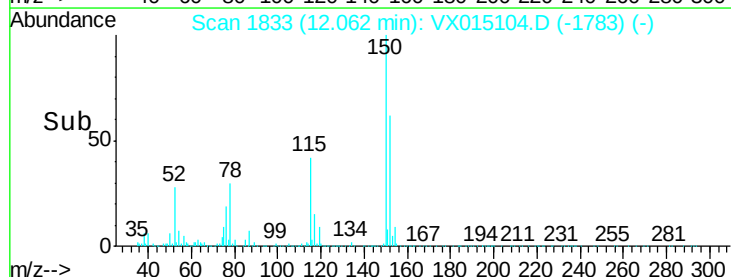
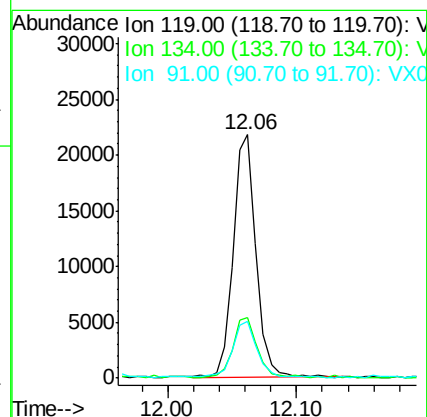
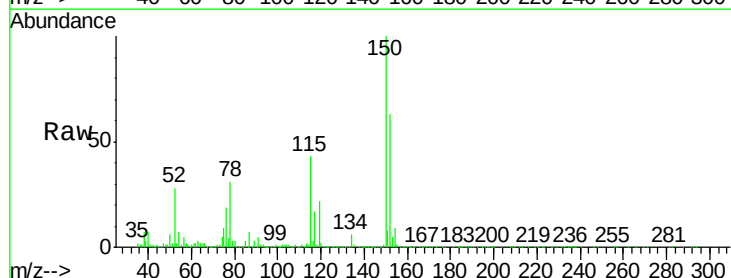
Tgt Ion:119 Resp: 26903

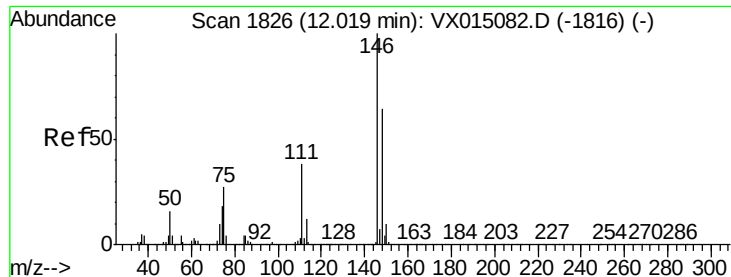
Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.1

91 23.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 2.574 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

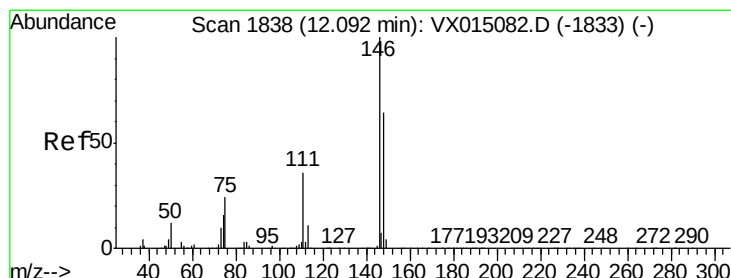
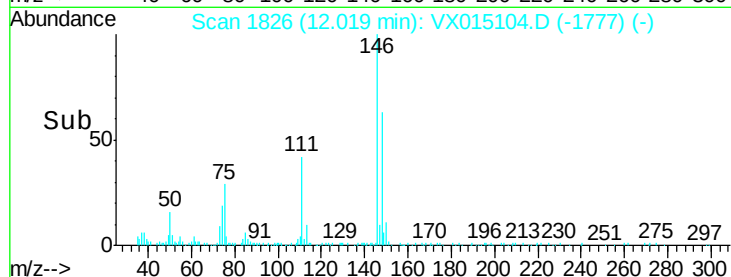
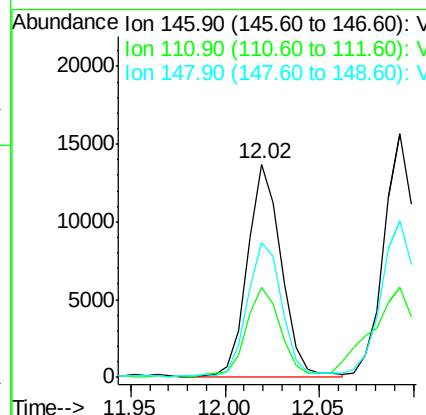
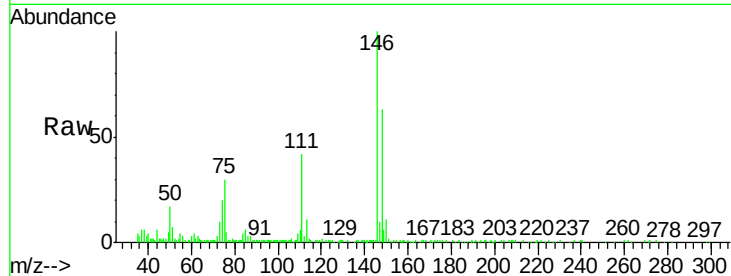
Instrument :
MSVOA_X

ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.1	57.1
148	64.4	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 2.703 ug/l

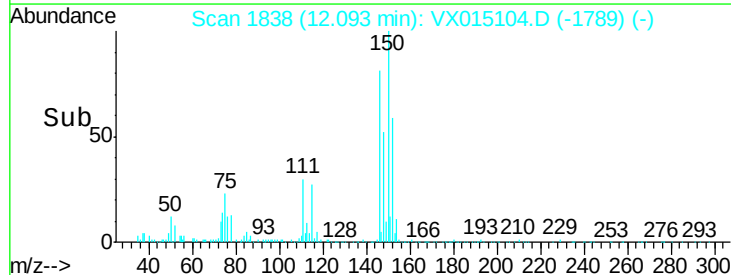
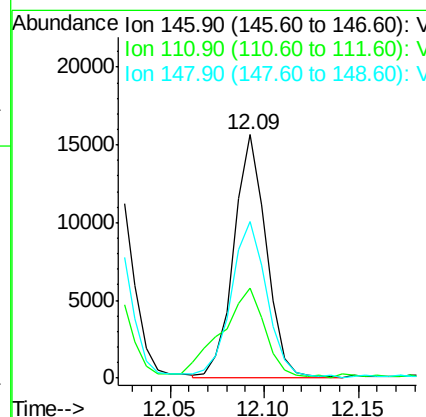
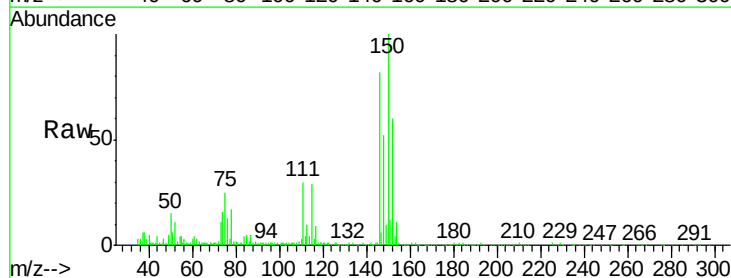
RT: 12.09 min Scan# 1838

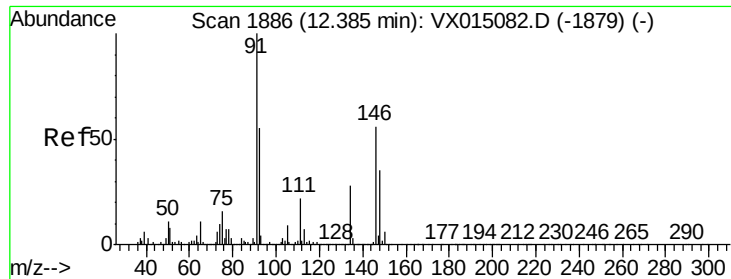
Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.5	18.7	56.1
148	70.9	32.5	97.4





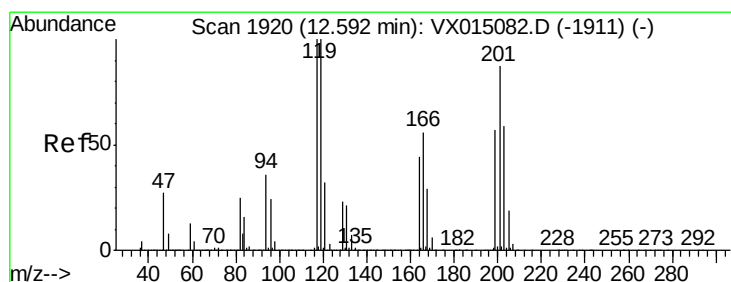
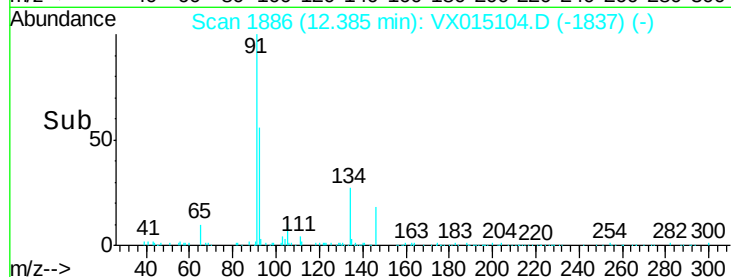
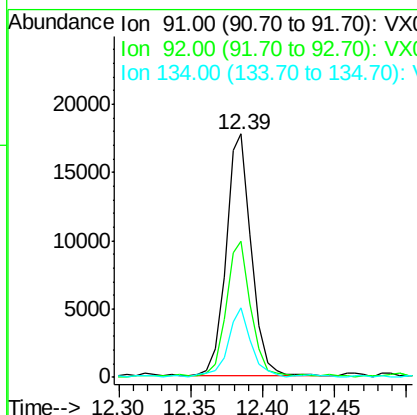
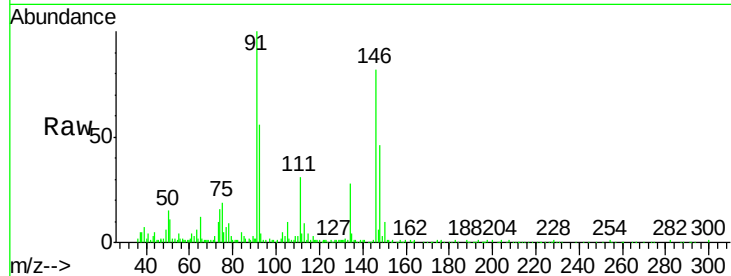
#89
n-Butylbenzene
Concen: 2.042 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	27.1	13.5	40.5

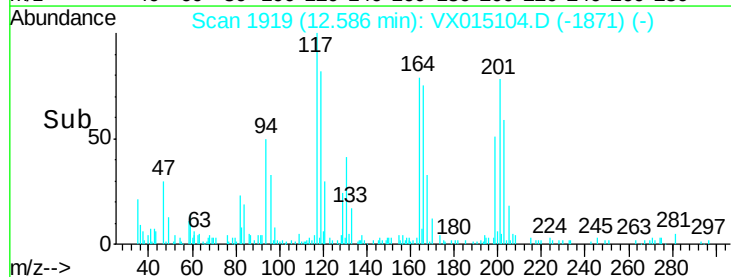
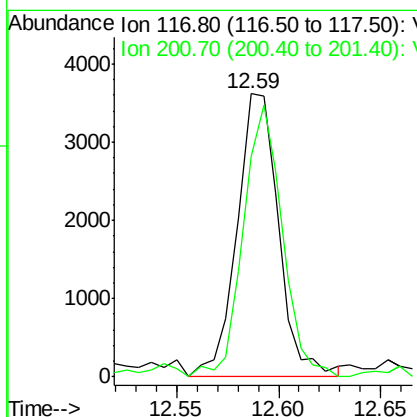
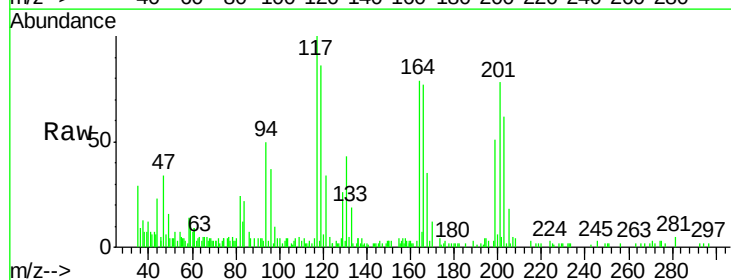
Manual Integrations
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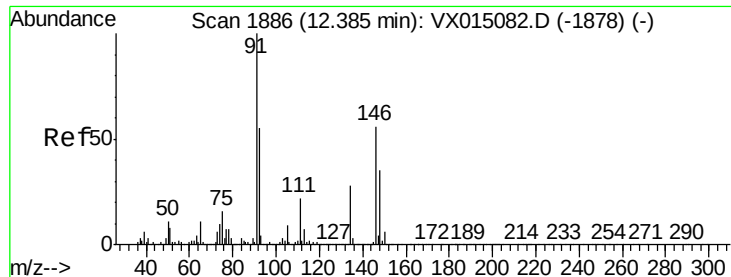
MMDadoda
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#90
Hexachloroethane
Concen: 2.247 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	43.5	130.7





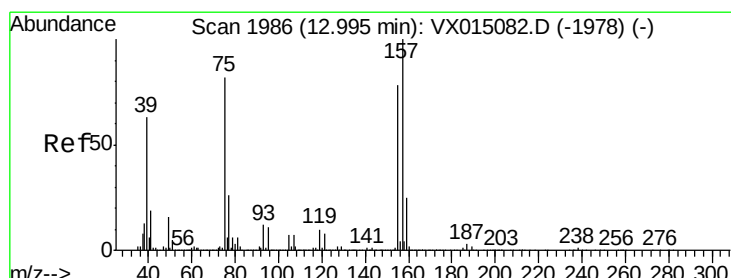
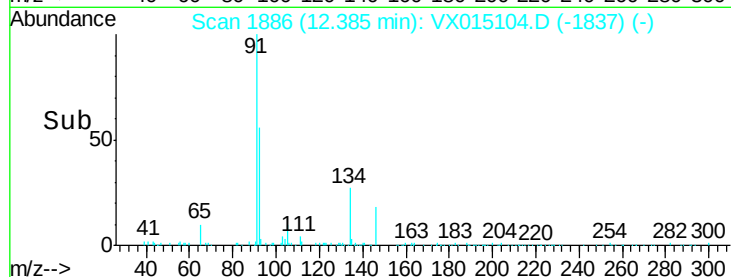
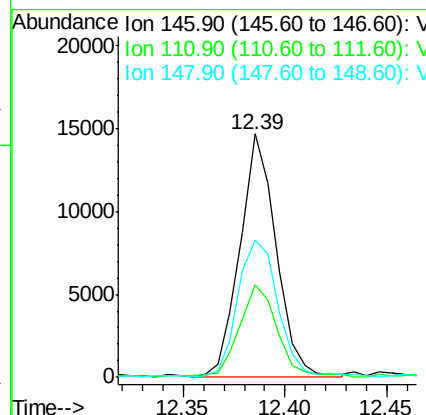
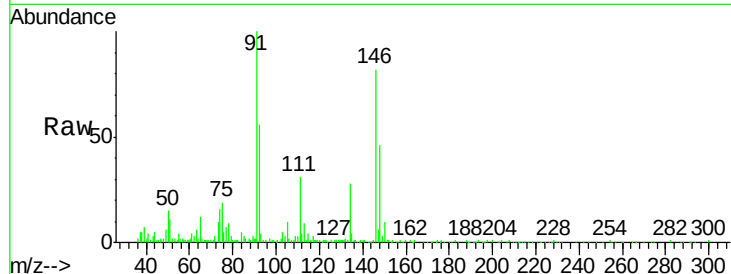
#91
 1,2-Dichlorobenzene
 Concen: 2.752 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	63.2	32.3	96.8

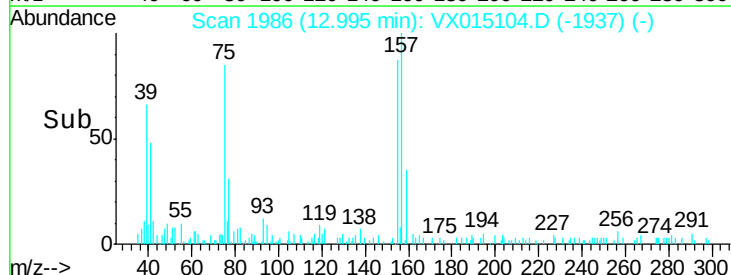
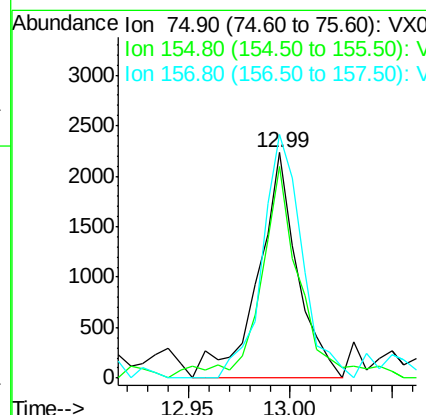
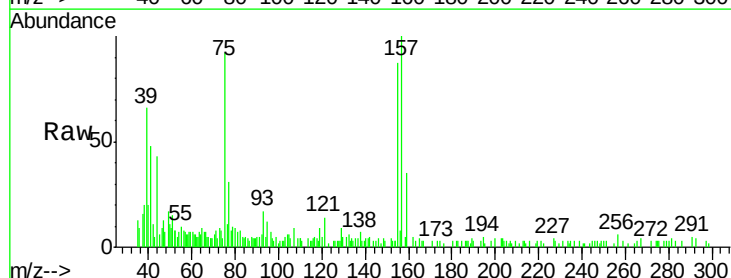
Manual Integrations
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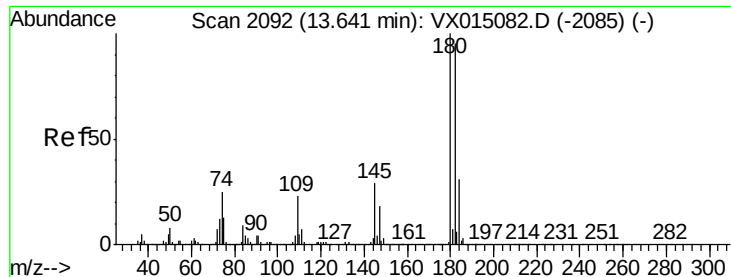
MMDadoda
 3/6/2020 4:49:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.295 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015104.D
 Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	46.6	139.7
157	109.8	59.2	177.5





#93

1,2,4-Trichlorobenzene

Concen: 2.462 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015104.D

Acq: 05 Mar 2020 12:18

Instrument :

MSVOA_X

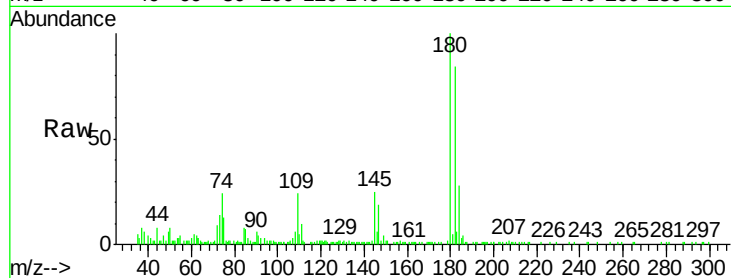
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

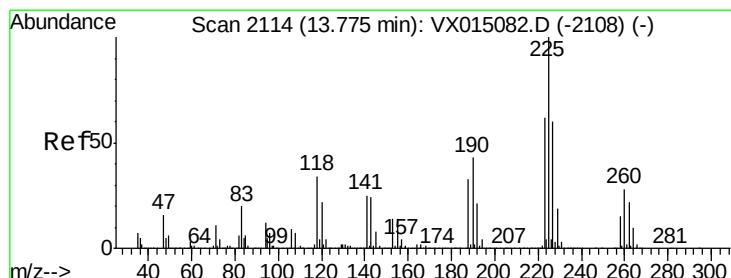
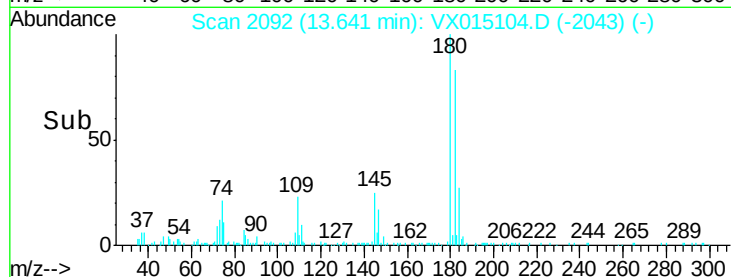
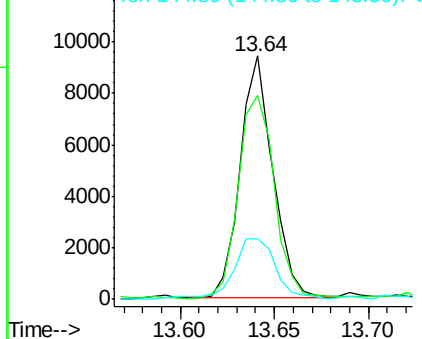
Tot Ion:	180	Resp:	11278
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.6	142.8
145	33.1	14.1	42.2

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



#94

Hexachlorobutadiene

Concen: 2.089 ug/l

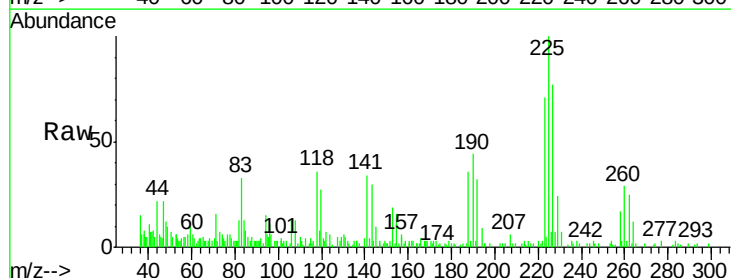
RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

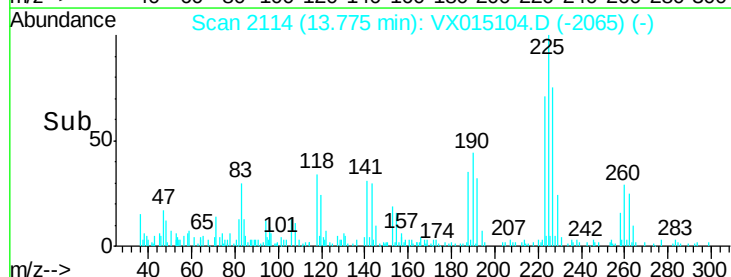
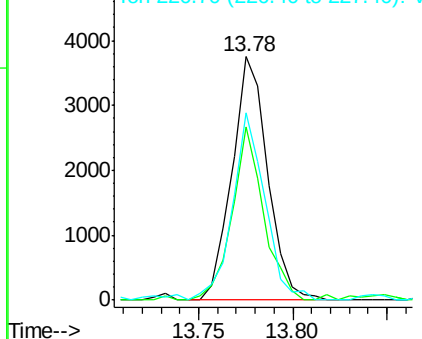
Lab File: VX015104.D

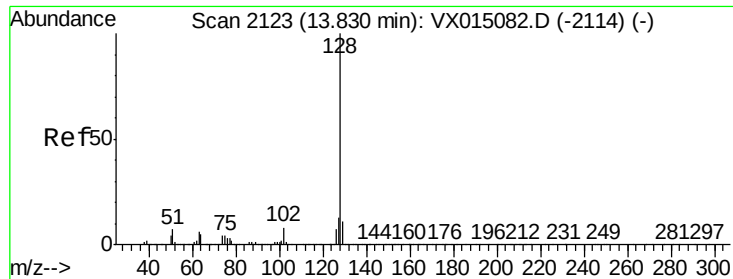
Acq: 05 Mar 2020 12:18

Tgt Ion:	225	Resp:	4911
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.3	93.9
227	70.1	31.1	93.2



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





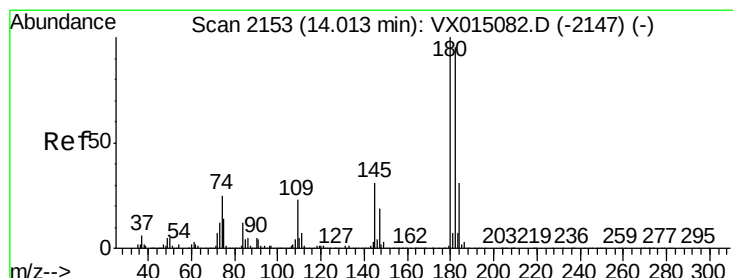
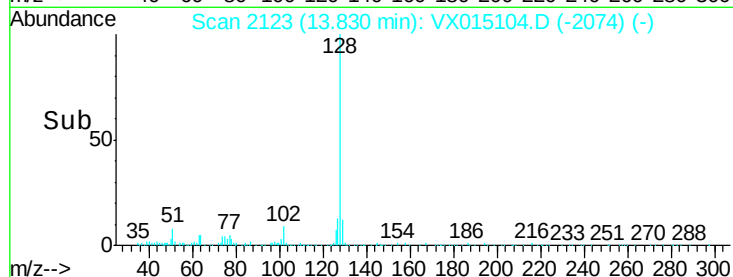
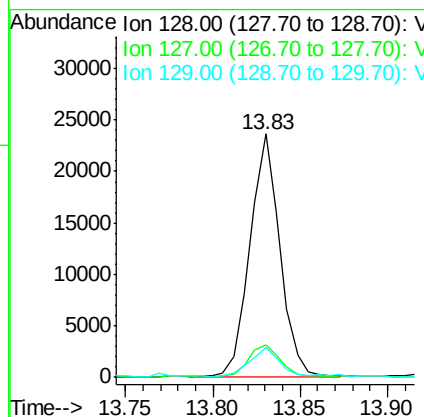
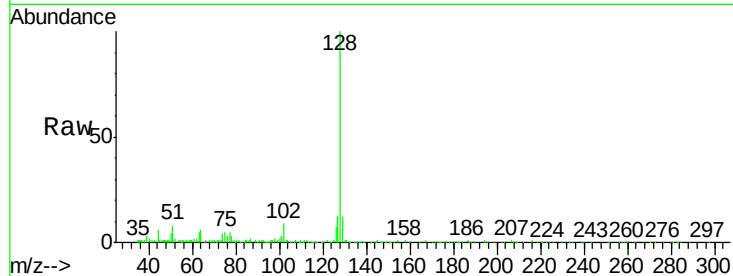
#95
Naphthalene
Concen: 2.235 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.3	15.5
129	11.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 2.549 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015104.D
Acq: 05 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	31.2	15.1	45.3

