

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016054.D
 Acq On : 05 May 2020 11:33
 Operator : JC/SP
 Sample : L2182-07 0.2PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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 5/6/2020 12:27:05 PM

Quant Time: May 06 06:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	327515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	190745	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
35) Dibromofluoromethane	5.47	113	140733	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
50) Toluene-d8	8.70	98	569054	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	11.12	95	205846	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	773	0.223	ug/l	90
3) Chloromethane	1.32	50	1041m	0.259	ug/l	
4) Vinyl Chloride	1.39	62	868	0.202	ug/l	92
5) Bromomethane	1.64	94	885m	0.409	ug/l	
6) Chloroethane	1.72	64	699	0.267	ug/l #	71
7) Trichlorofluoromethane	1.92	101	1239	0.220	ug/l	86
8) Diethyl Ether	2.17	74	693m	0.292	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	799	0.246	ug/l #	85
10) Methyl Iodide	2.50	142	1220	0.279	ug/l #	93
11) Tert butyl alcohol	3.01	59	1127	1.034	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	950	0.279	ug/l #	81
13) Acrolein	2.27	56	1133	1.661	ug/l	93
14) Allyl chloride	2.70	41	1327	0.213	ug/l	90
15) Acrylonitrile	3.12	53	2960	1.309	ug/l	97
16) Acetone	2.42	43	2756m	1.433	ug/l	
17) Carbon Disulfide	2.55	76	5897	0.509	ug/l #	94
18) Methyl Acetate	2.75	43	1243	0.263	ug/l #	87
19) Methyl tert-butyl Ether	3.16	73	2774	0.236	ug/l #	89
20) Methylene Chloride	2.84	84	1083	0.273	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	1420m	0.374	ug/l	
22) Diisopropyl ether	3.82	45	2680	0.228	ug/l #	92
23) Vinyl Acetate	3.79	43	8252	0.796	ug/l #	92
24) 1,1-Dichloroethane	3.67	63	1564	0.237	ug/l #	91
25) 2-Butanone	4.64	43	3065	0.989	ug/l	90
26) 2,2-Dichloropropane	4.56	77	1597	0.265	ug/l	90
27) cis-1,2-Dichloroethene	4.57	96	1327	0.320	ug/l	78
28) Bromochloromethane	4.99	49	872	0.290	ug/l #	90
29) Tetrahydrofuran	5.10	42	2765	1.347	ug/l #	76
30) Chloroform	5.18	83	1623	0.247	ug/l	98
31) Cyclohexane	5.56	56	1432	0.239	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	1387	0.233	ug/l #	50
36) 1,1-Dichloropropene	5.76	75	1669	0.330	ug/l #	86
38) Carbon Tetrachloride	5.76	117	1041	0.202	ug/l #	90
39) Methylcyclohexane	7.44	83	1387	0.227	ug/l #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
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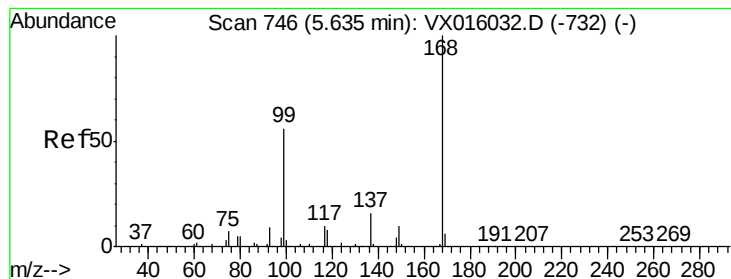
Manual Integrations
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Quant Time: May 06 06:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.12	78	3535	0.239	ug/l	95
41) Methacrylonitrile	5.01	41	948m	0.299	ug/l	
42) 1,2-Dichloroethane	6.16	62	1604	0.300	ug/l	87
43) Isopropyl Acetate	6.41	43	2468	0.263	ug/l	97
44) Trichloroethene	7.19	130	1329	0.252	ug/l	96
45) 1,2-Dichloropropane	7.49	63	779	0.208	ug/l #	66
46) Dibromomethane	7.65	93	598	0.235	ug/l	92
48) Methyl methacrylate	7.75	41	929	0.209	ug/l #	83
49) 1,4-Dioxane	7.72	88	414	3.889	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	5303	0.925	ug/l	99
52) Toluene	8.77	92	1958	0.212	ug/l	93
53) t-1,3-Dichloropropene	9.02	75	1592	0.257	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1393	0.216	ug/l #	87
55) 1,1,2-Trichloroethane	9.20	97	781	0.215	ug/l	94
57) 1,3-Dichloropropane	9.36	76	1387	0.219	ug/l #	63
58) 2-Chloroethyl Vinyl ether	8.29	63	5069	1.605	ug/l	100
59) 2-Hexanone	9.48	43	4495	0.999	ug/l	96
61) 1,2-Dibromoethane	9.65	107	855	0.217	ug/l	92
64) Tetrachloroethene	9.32	164	1332	0.233	ug/l	94
65) Chlorobenzene	10.12	112	2315	0.238	ug/l	90
67) Ethyl Benzene	10.24	91	3697	0.213	ug/l	97
68) m/p-Xylenes	10.34	106	2766	0.425	ug/l	98
70) Styrene	10.70	104	2385	0.225	ug/l	94
73) Isopropylbenzene	11.00	105	3604	0.217	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1144m	0.220	ug/l	
77) Bromobenzene	11.24	156	998	0.232	ug/l	79
78) n-propylbenzene	11.34	91	4366	0.226	ug/l	98
79) 2-Chlorotoluene	11.40	91	2536	0.222	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2990	0.213	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	552m	0.253	ug/l	
82) 4-Chlorotoluene	11.49	91	3452	0.256	ug/l	100
83) tert-Butylbenzene	11.76	119	2464	0.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2918	0.205	ug/l	99
85) sec-Butylbenzene	11.93	105	3585	0.219	ug/l	99
86) p-Isopropyltoluene	12.05	119	3527	0.232	ug/l #	73
87) 1,3-Dichlorobenzene	12.01	146	2184	0.283	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	2500m	0.319	ug/l	
89) n-Butylbenzene	12.37	91	3830	0.276	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1828	0.246	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	347	0.254	ug/l	81
93) 1,2,4-Trichlorobenzene	13.63	180	1923	0.350	ug/l	94
94) Hexachlorobutadiene	13.77	225	914	0.360	ug/l	98
95) Naphthalene	13.82	128	5631	0.316	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1945	0.362	ug/l	96

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



#1

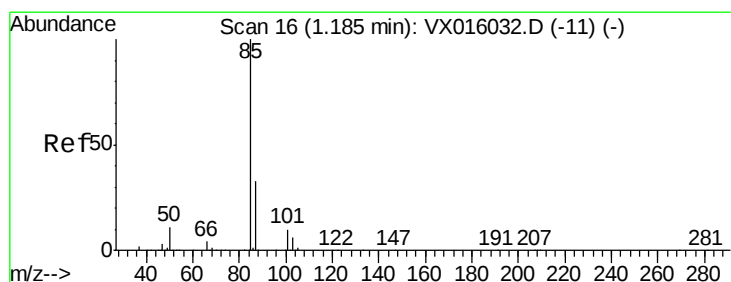
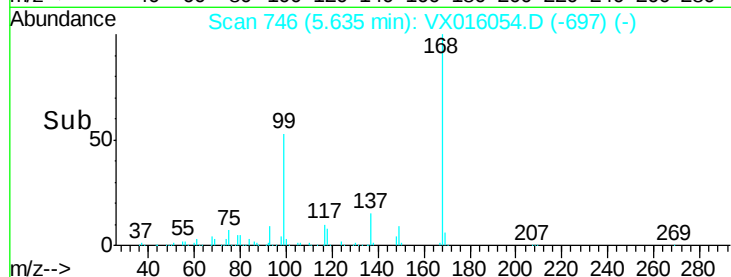
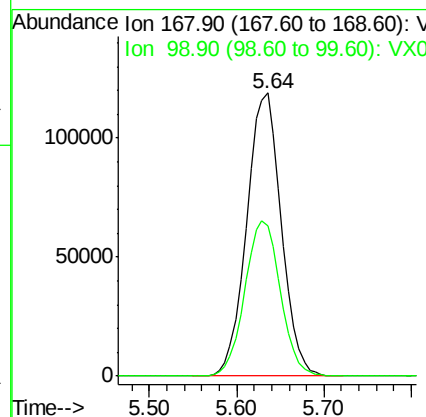
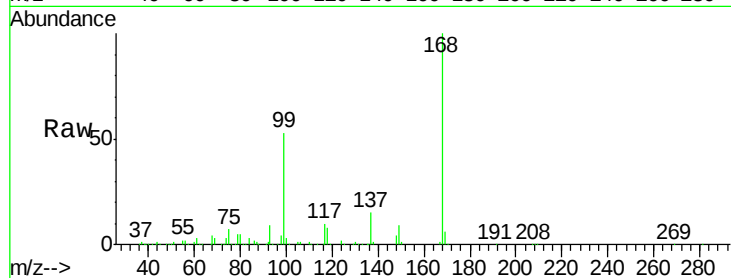
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.0	67.4

Manual Integrations
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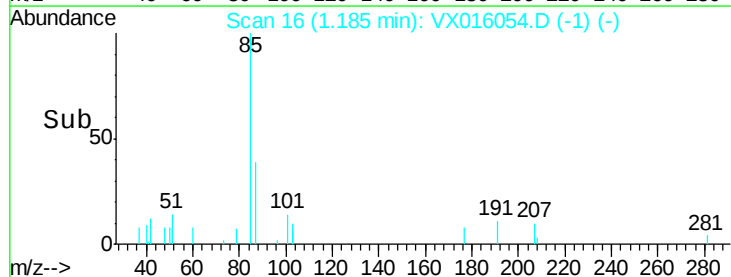
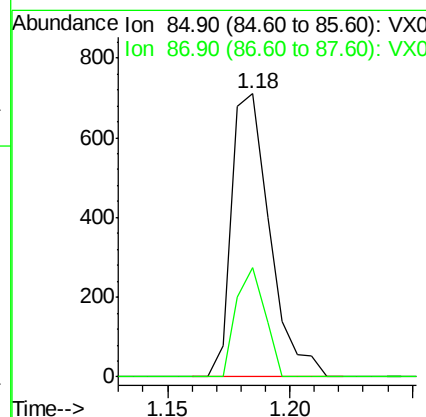
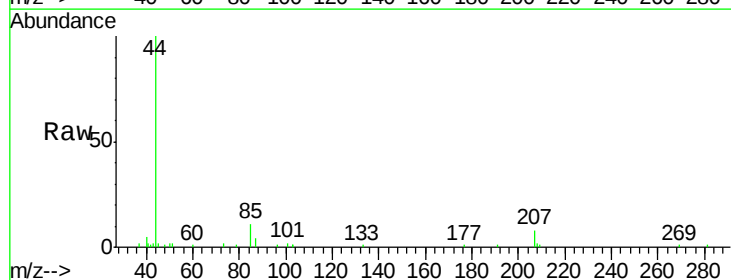
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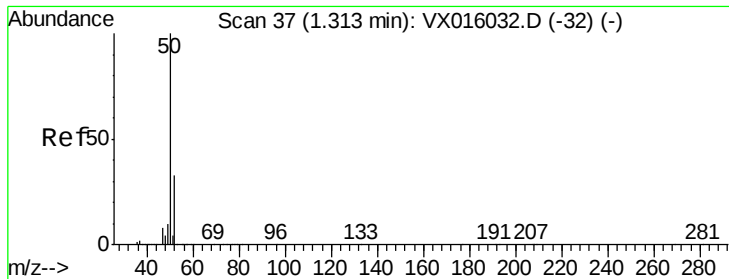


#2

Dichlorodifluoromethane
 Concen: 0.223 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	38.6	16.4	49.1





#3

Chloromethane

Concen: 0.259 ug/l m

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 50 Resp: 1041

Ion Ratio Lower Upper

50 100

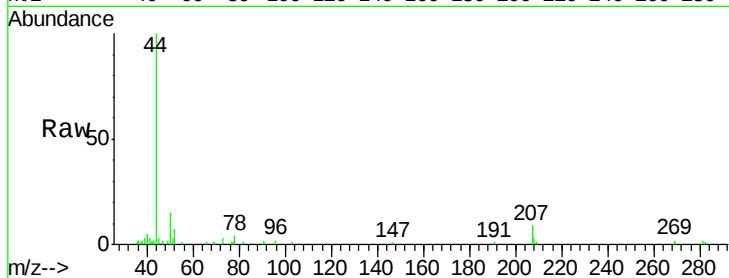
52 42.7 26.1 39.1#

Manual Integrations

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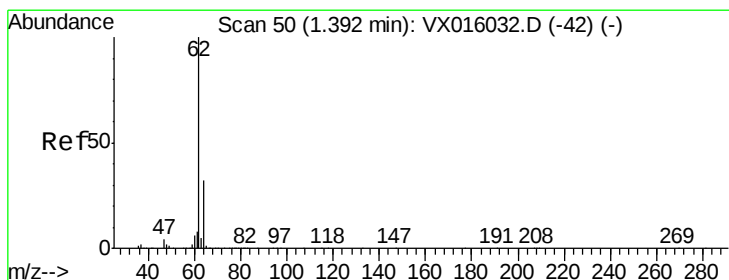
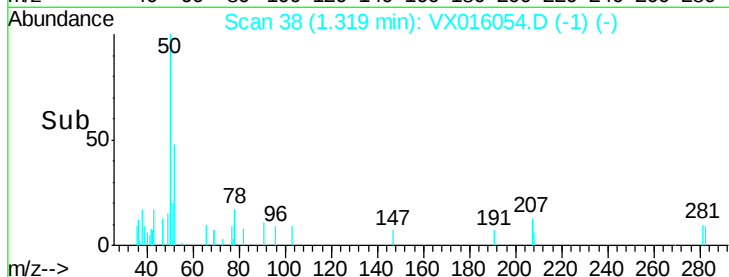
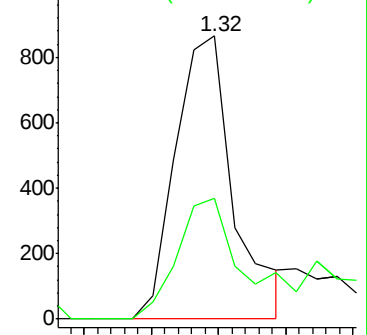
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.202 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016054.D

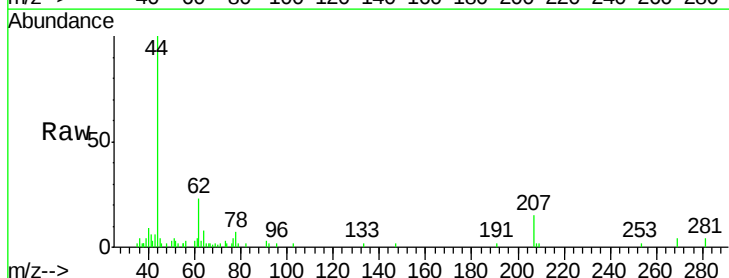
Acq: 05 May 2020 11:33

Tgt Ion: 62 Resp: 868

Ion Ratio Lower Upper

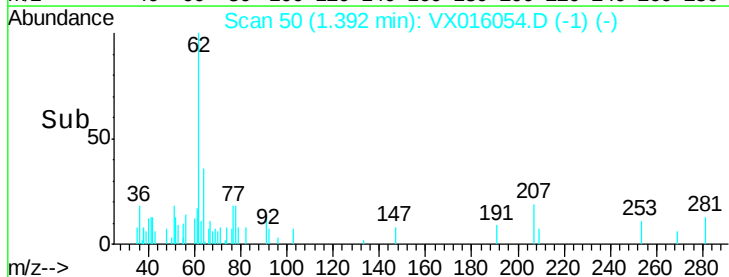
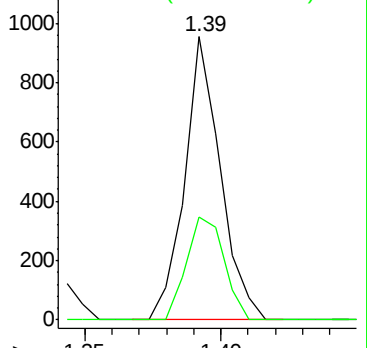
62 100

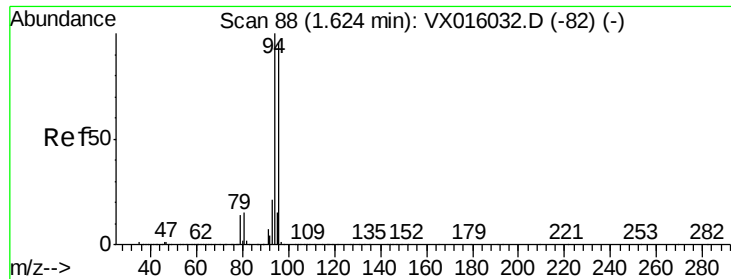
64 36.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.409 ug/l m

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 94 Resp: 885

Ion Ratio Lower Upper

94 100

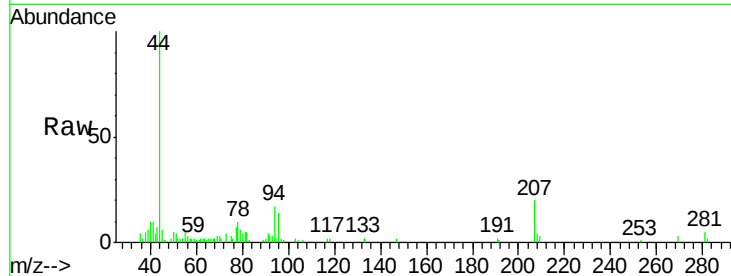
96 81.6 76.9 115.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

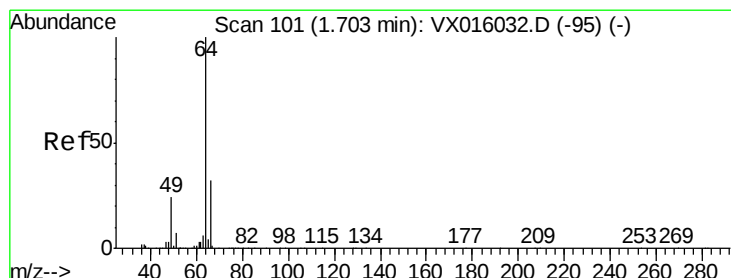
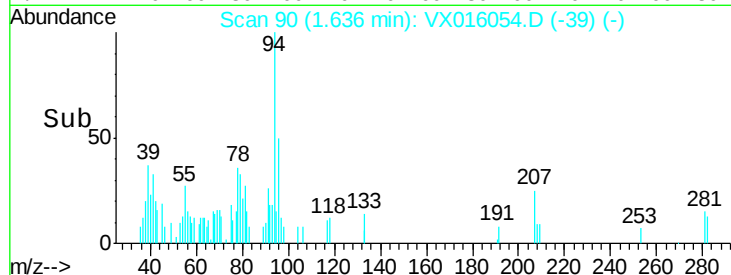
400

200

0

1.60 1.62 1.64 1.66

Time-->



#6

Chloroethane

Concen: 0.267 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016054.D

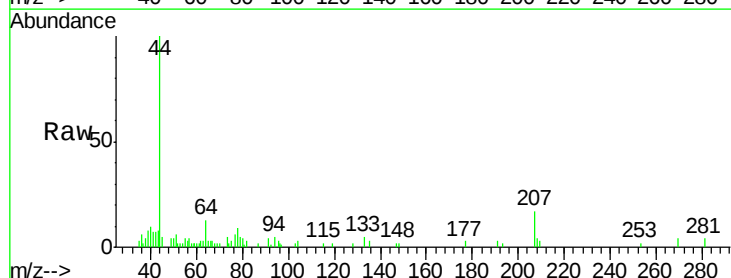
Acq: 05 May 2020 11:33

Tgt Ion: 64 Resp: 699

Ion Ratio Lower Upper

64 100

66 15.3 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

500

400

300

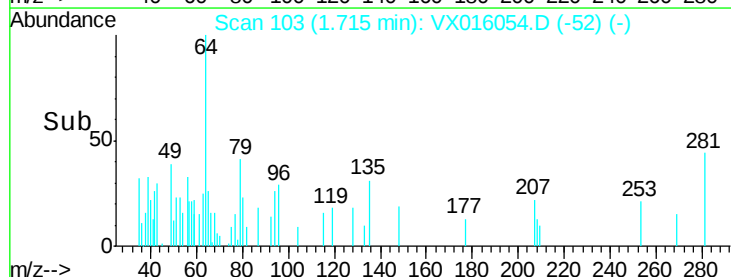
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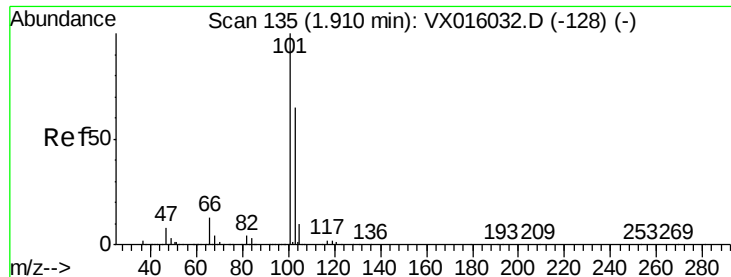
100

0

1.65 1.70 1.75

Time-->





#7

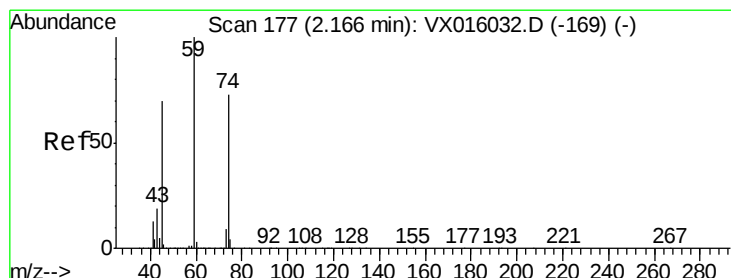
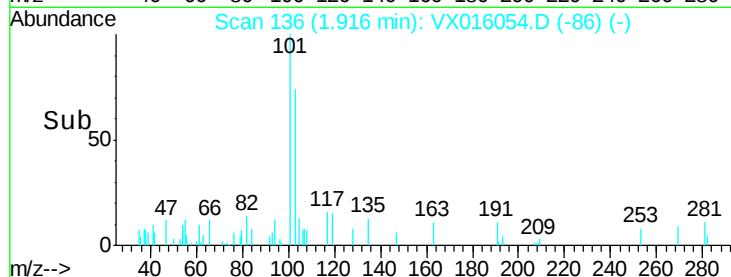
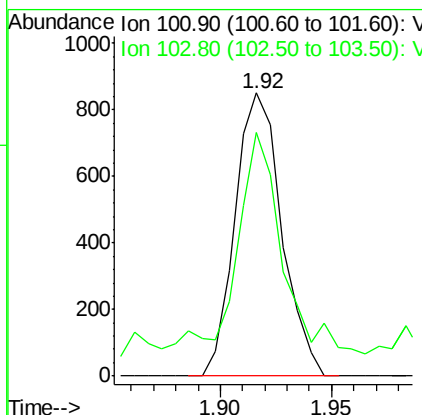
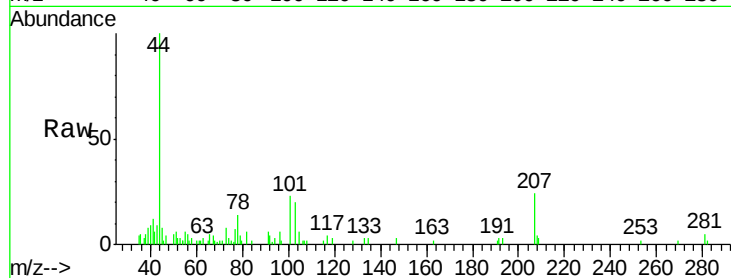
Trichlorofluoromethane
Concen: 0.220 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	76.0	51.8	77.6

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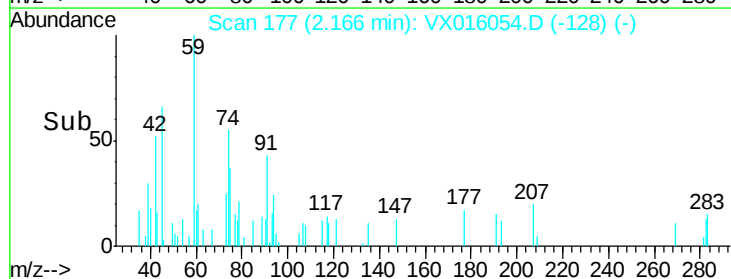
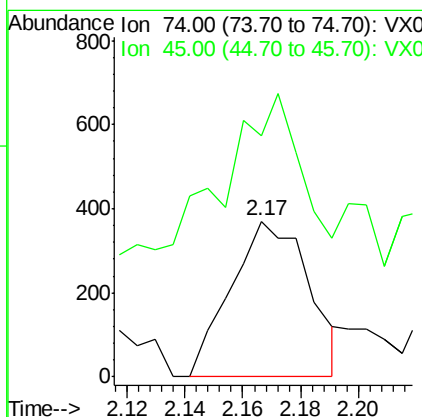
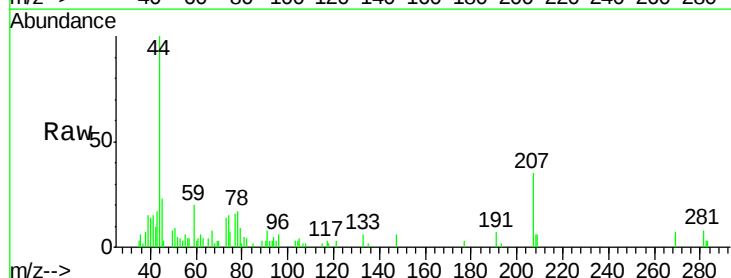
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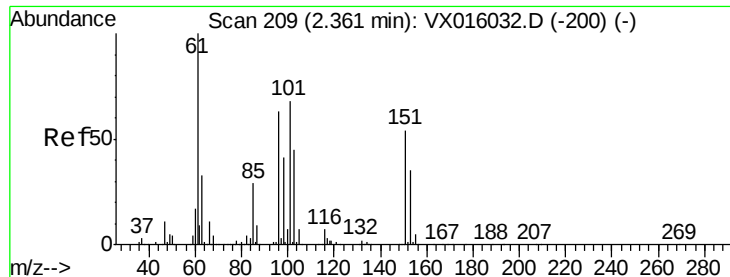


#8

Diethyl Ether
Concen: 0.292 ug/l m
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.246 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

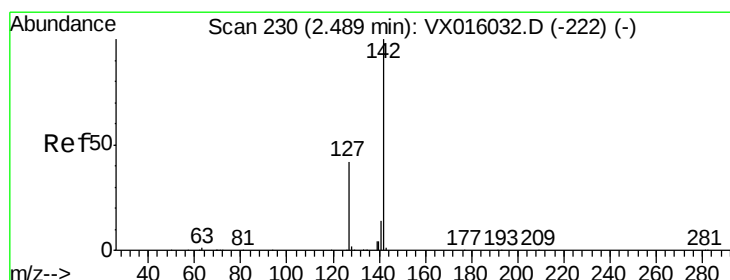
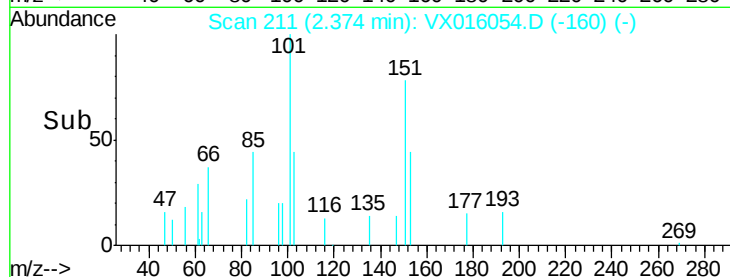
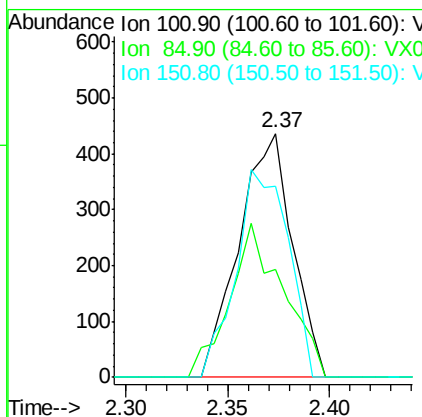
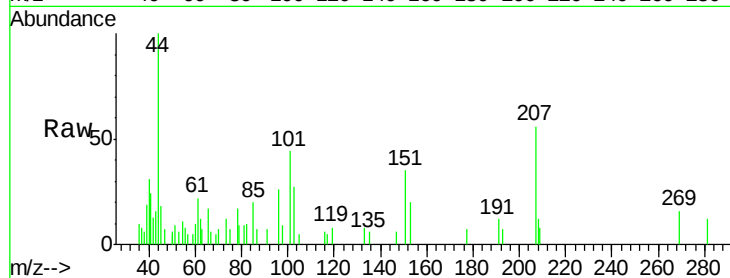
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	101	Resp:	799
Ion Ratio	Lower	Upper	
101	100		
85	63.2	34.2	51.4#
151	83.0	62.1	93.1

Manual Integrations
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5/6/2020 12:27:05 PM



#10

Methyl Iodide

Concen: 0.279 ug/l

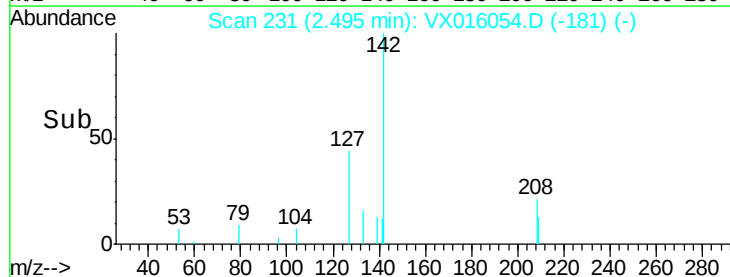
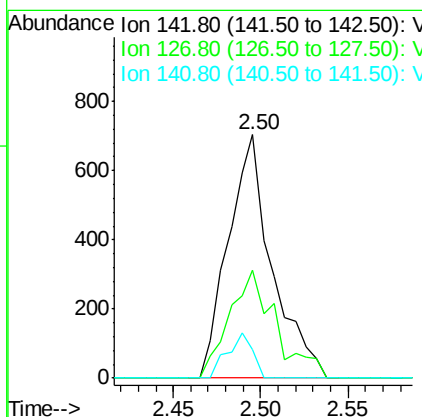
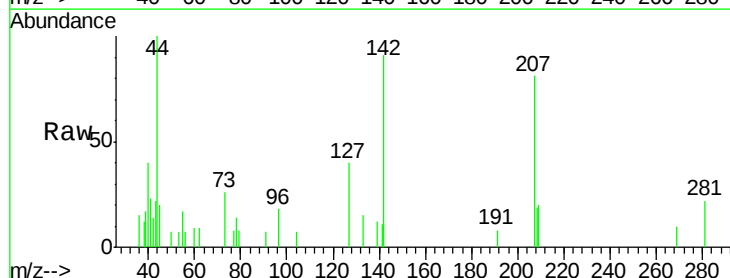
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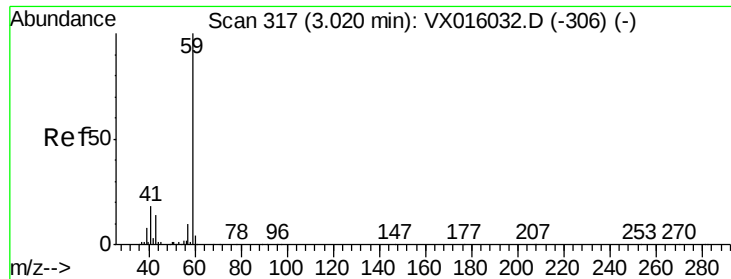
Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion:	142	Resp:	1220
Ion Ratio	Lower	Upper	
142	100		
127	47.2	34.6	52.0
141	10.7	11.3	16.9#





#11

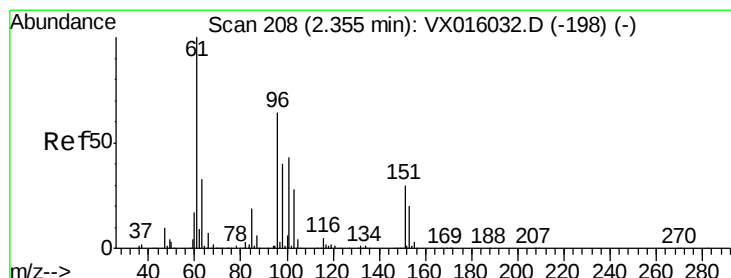
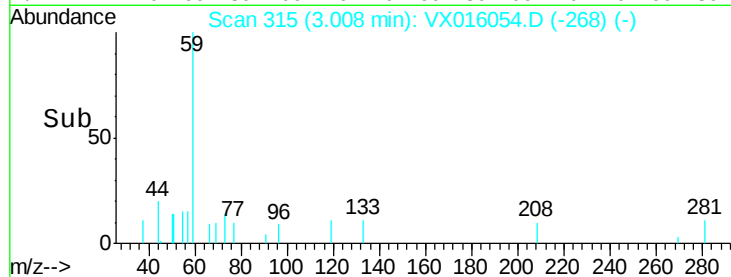
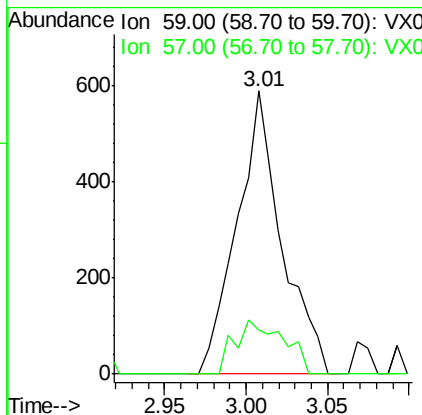
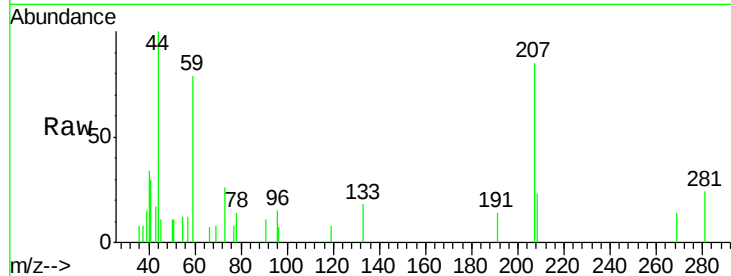
Tert butyl alcohol
Concen: 1.034 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 59 Resp: 1127
Ion Ratio Lower Upper
59 100
57 20.5 8.2 12.4#

Manual Integrations
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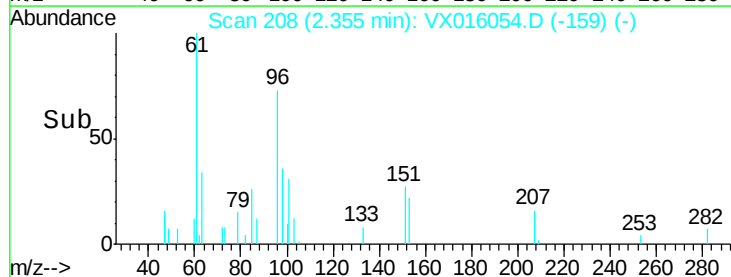
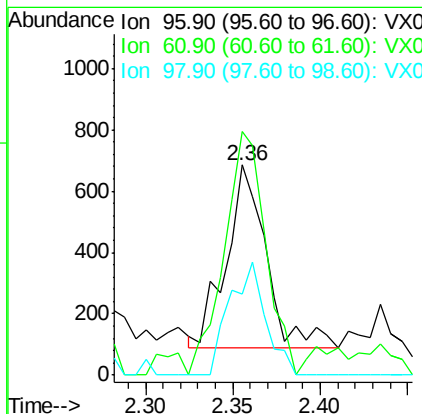
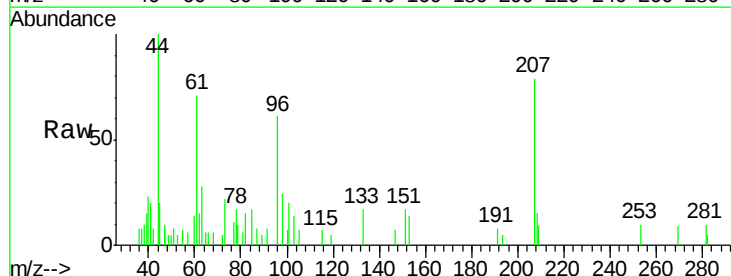
MMDadoda
5/6/2020 12:27:05 PM

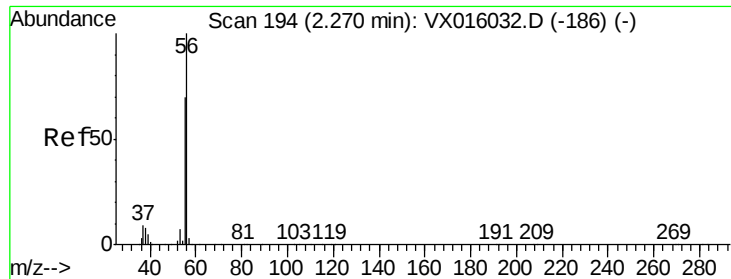


#12

1,1-Dichloroethene
Concen: 0.279 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 96 Resp: 950
Ion Ratio Lower Upper
96 100
61 133.0 124.8 187.2
98 44.6 49.7 74.5#





#13

Acrolein

Concen: 1.661 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 56 Resp: 1133

Ion Ratio Lower Upper

56 100

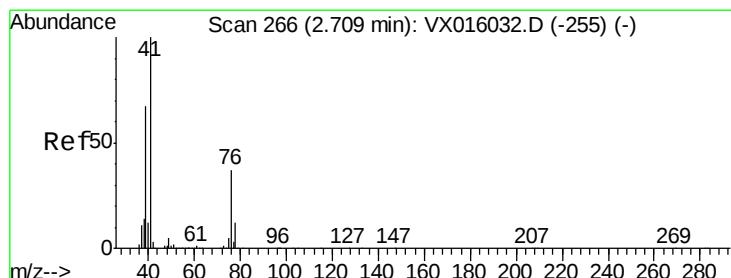
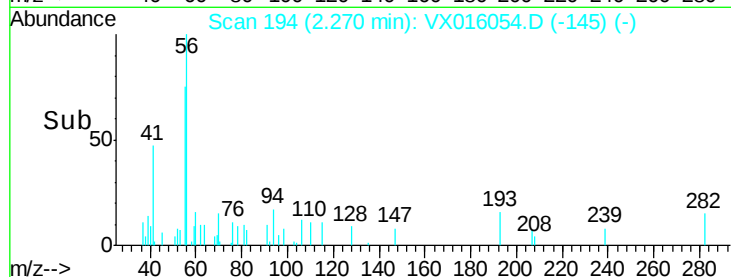
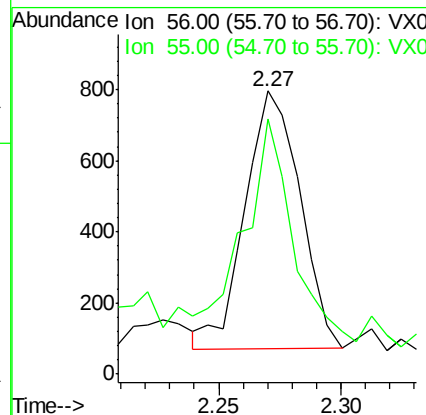
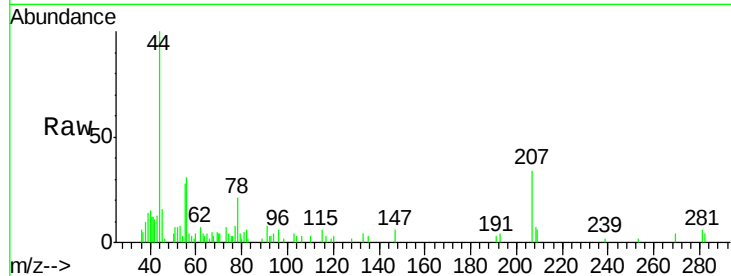
55 76.1 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 0.213 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

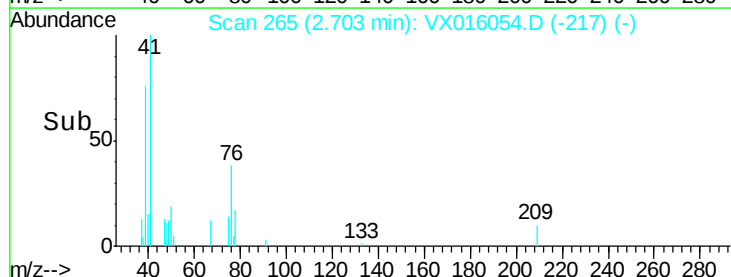
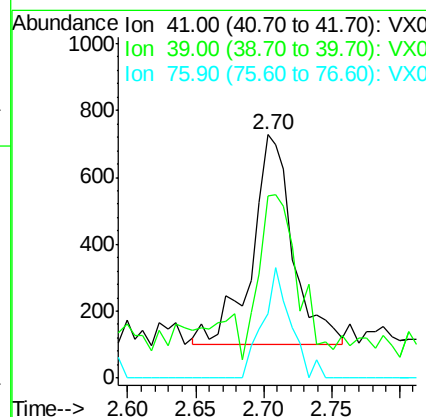
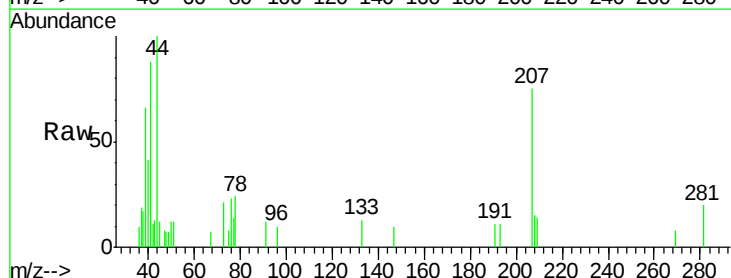
Tgt Ion: 41 Resp: 1327

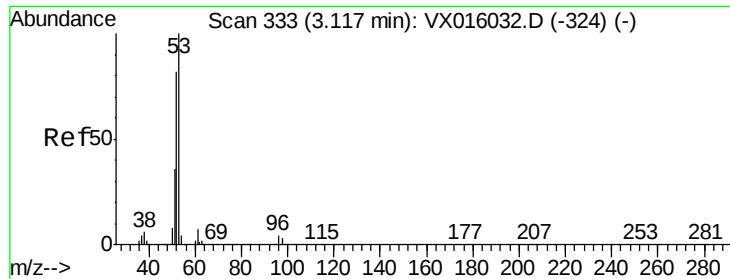
Ion Ratio Lower Upper

41 100

39 73.5 50.5 75.7

76 35.9 26.6 40.0





#15

Acrylonitrile

Concen: 1.309 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

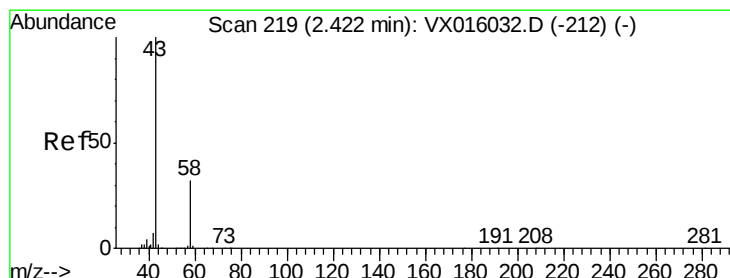
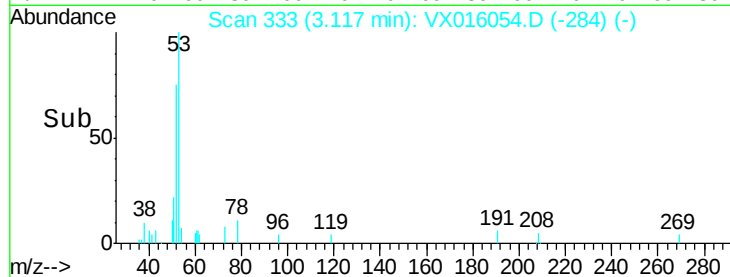
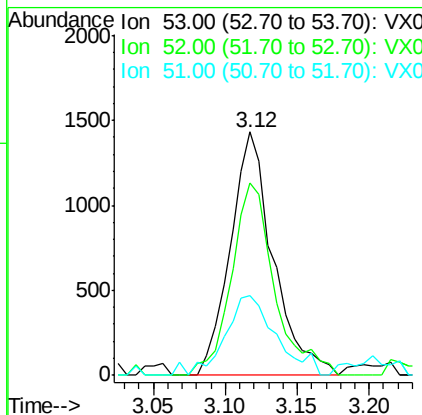
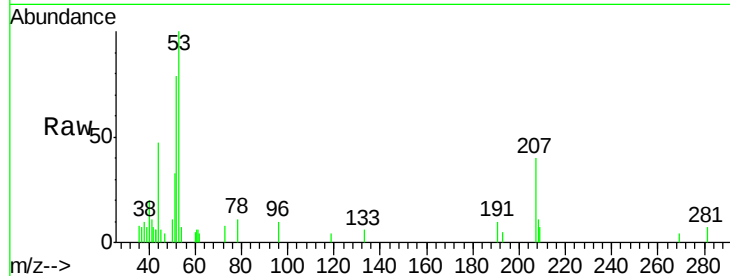
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	53	Resp:	2960
Ion	Ratio	Lower	Upper
53	100		
52	80.0	66.1	99.1
51	38.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 1.433 ug/l m

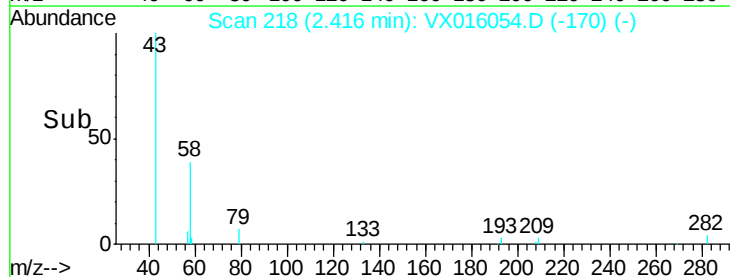
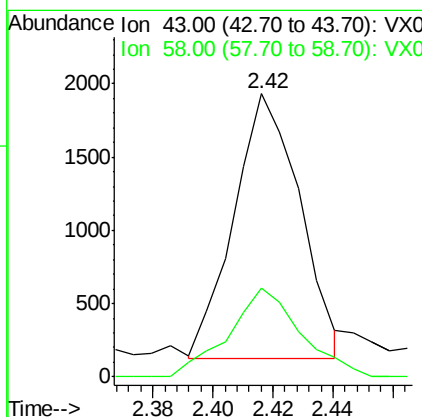
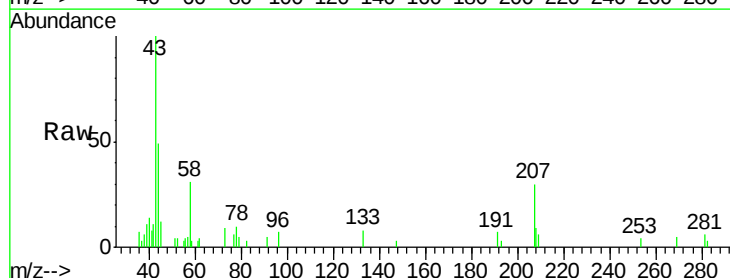
RT: 2.42 min Scan# 218

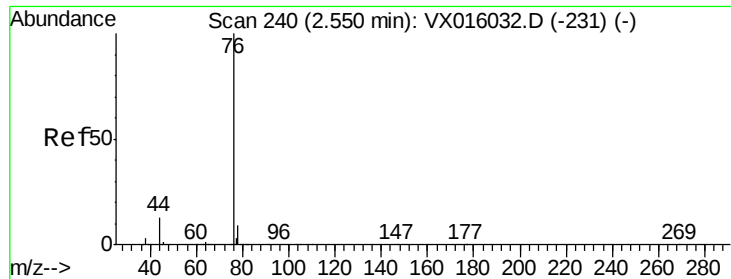
Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion:	43	Resp:	2756
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.4	38.0





#17

Carbon Disulfide

Concen: 0.509 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 76 Resp: 5897

Ion Ratio Lower Upper

76 100

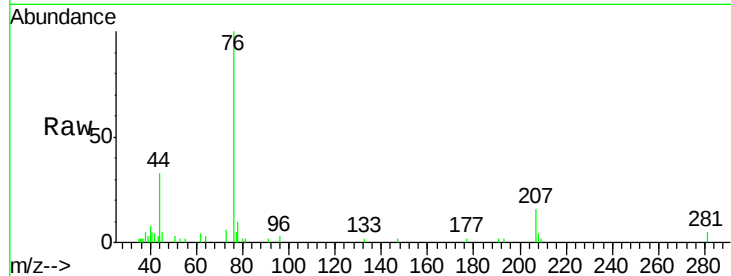
78 7.4 7.5 11.3#

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

4000

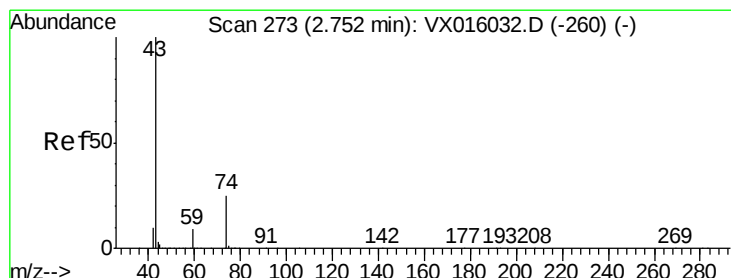
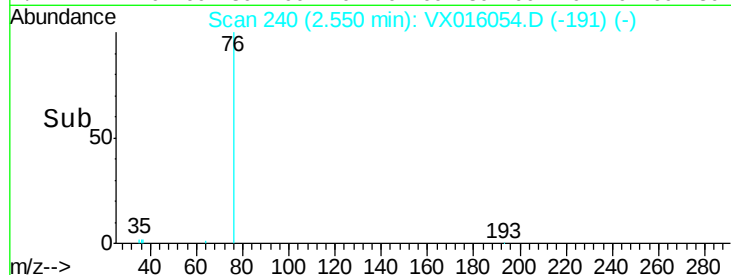
3000

2000

1000

0

Time--> 2.45 2.50 2.55 2.60



#18

Methyl Acetate

Concen: 0.263 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016054.D

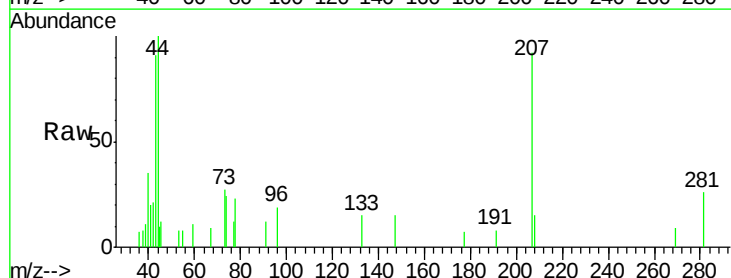
Acq: 05 May 2020 11:33

Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

74 31.7 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

800

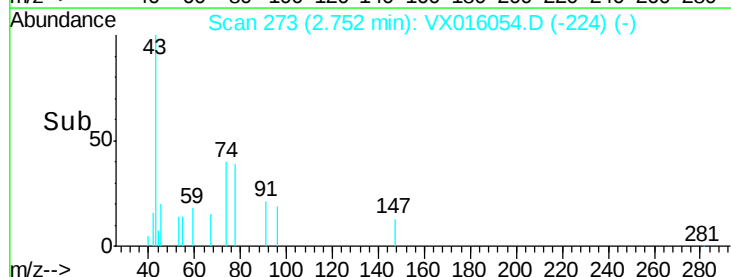
600

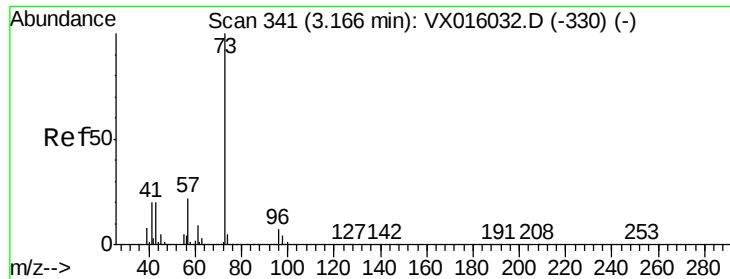
400

200

0

Time--> 2.70 2.75 2.80





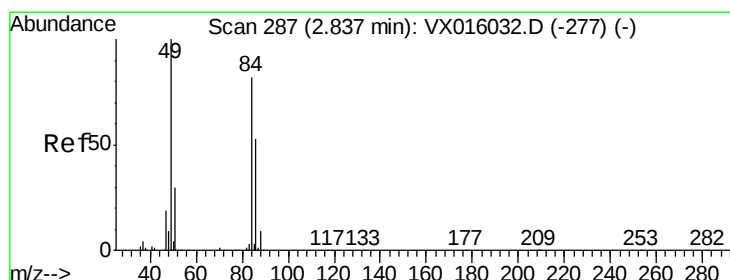
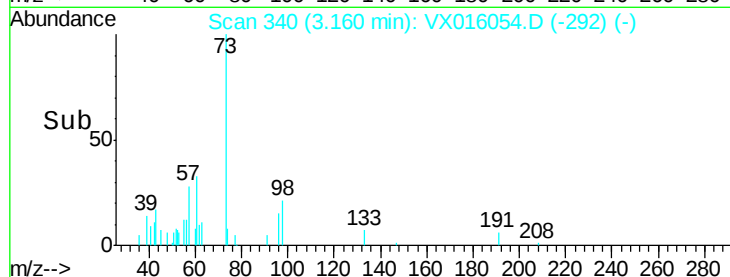
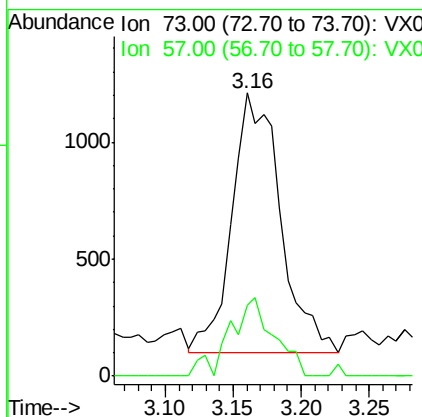
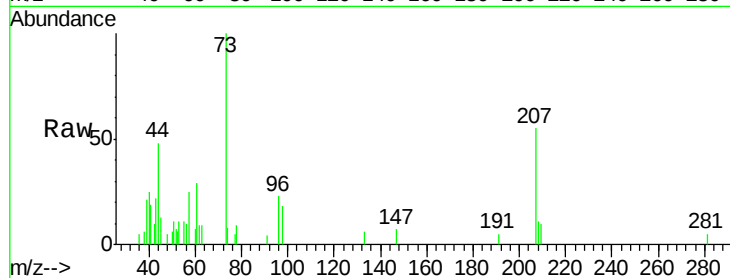
#19
Methvl tert-butvl Ether
Concen: 0.236 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 73 Resp: 2774
Ion Ratio Lower Upper
73 100
57 27.2 17.8 26.6#

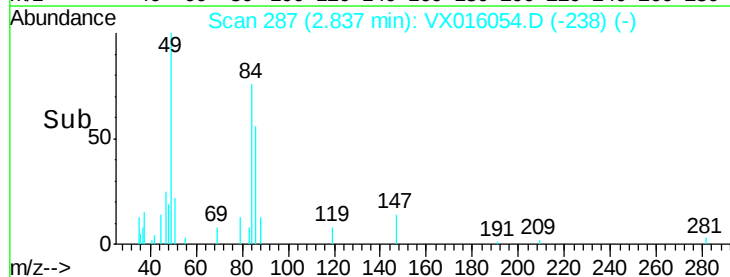
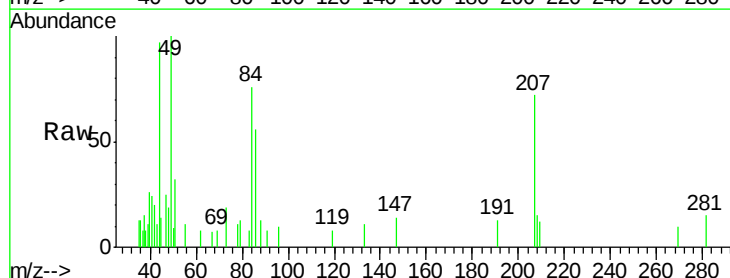
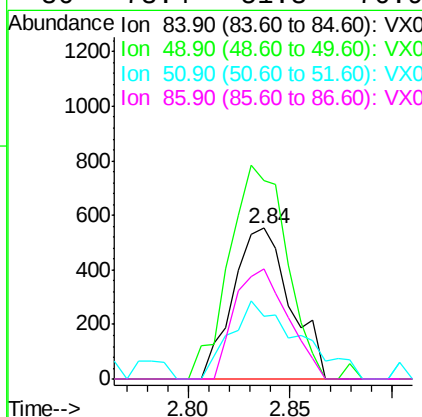
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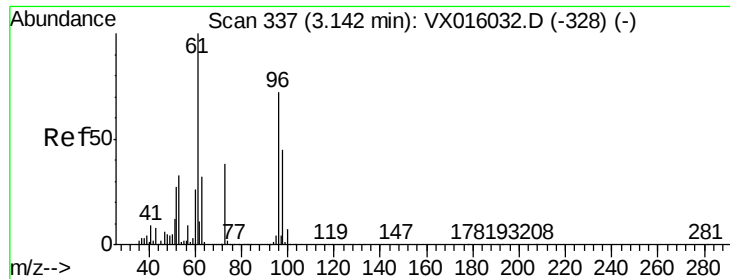
MMDadoda
5/6/2020 12:27:05 PM



#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 84 Resp: 1083
Ion Ratio Lower Upper
84 100
49 131.5 97.3 145.9
51 42.0 29.3 43.9
86 73.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.374 ug/l m

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

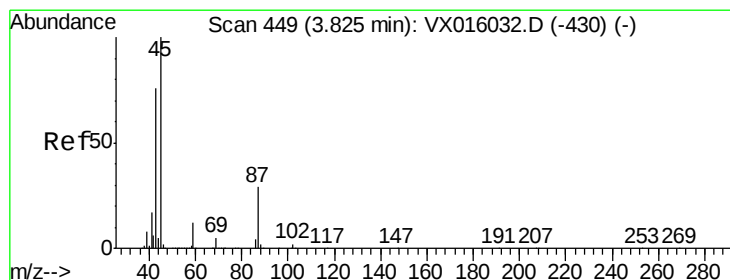
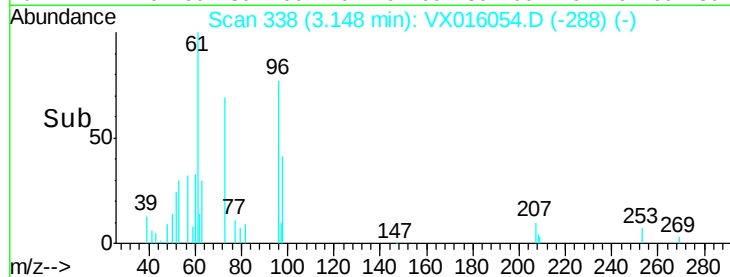
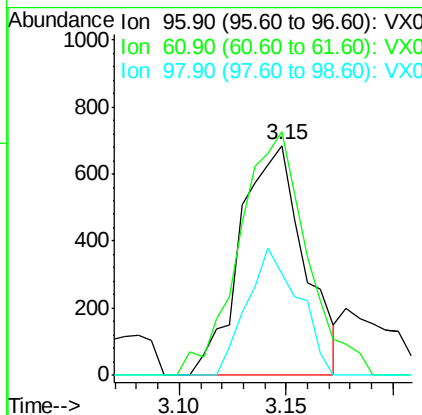
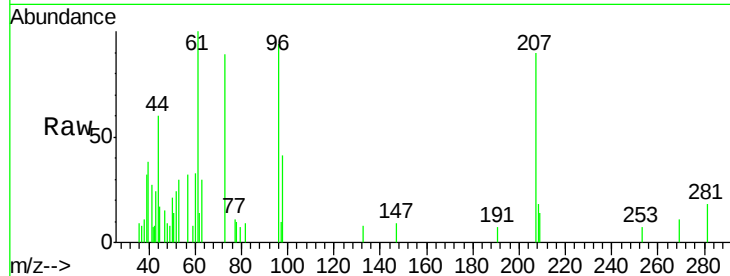
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	96	Resp:	1420
Ion	Ratio	Lower	Upper
96	100		
61	106.1	111.2	166.8#
98	44.0	50.2	75.4#

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.228 ug/l

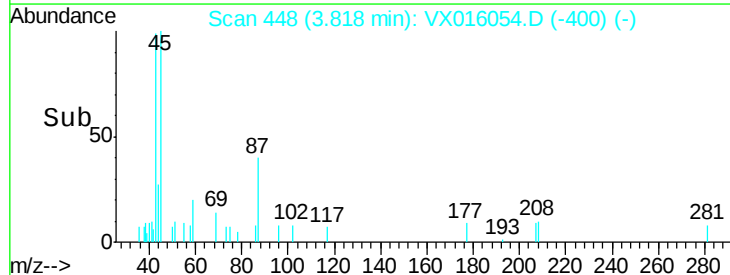
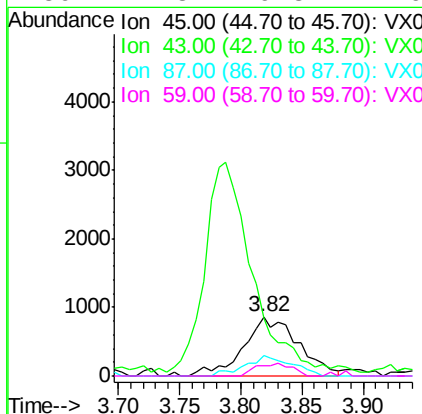
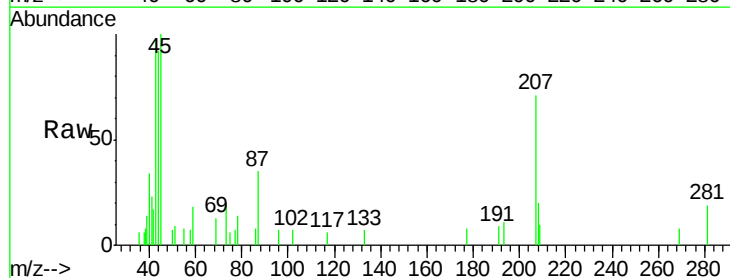
RT: 3.82 min Scan# 448

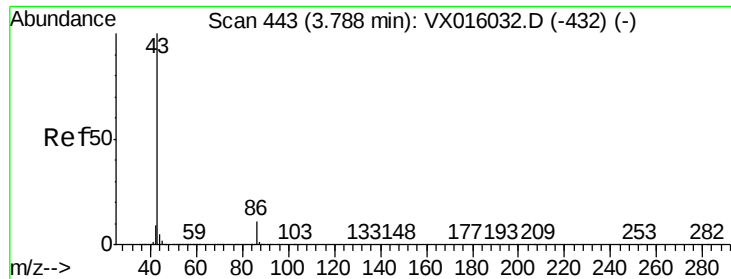
Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion:	45	Resp:	2680
Ion	Ratio	Lower	Upper
45	100		
43	81.7	61.1	91.7
87	35.2	23.0	34.6#
59	17.8	9.8	14.6#





#23

Vinyl Acetate

Concen: 0.796 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 8252

Ion Ratio Lower Upper

43 100

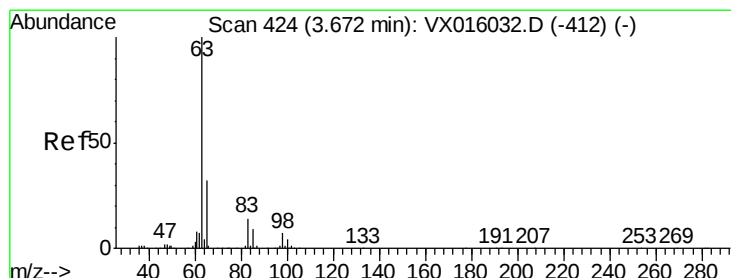
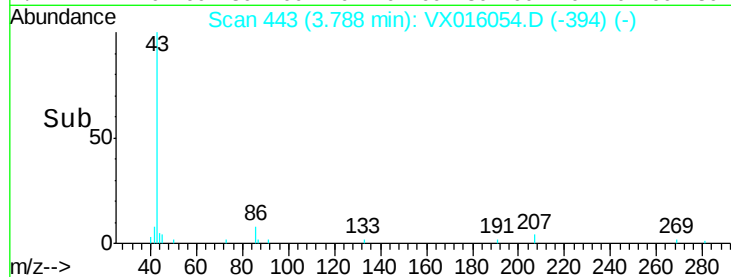
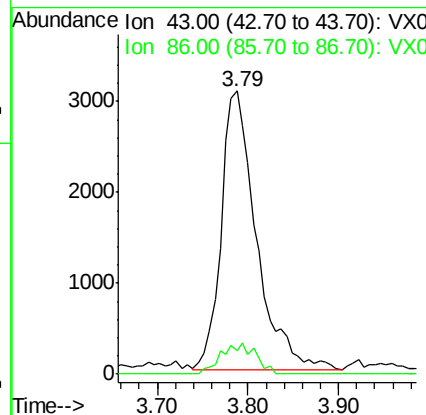
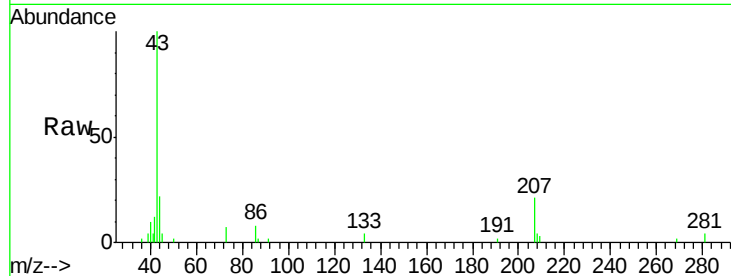
86 8.3 9.0 13.4#

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#24

1,1-Dichloroethane

Concen: 0.237 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

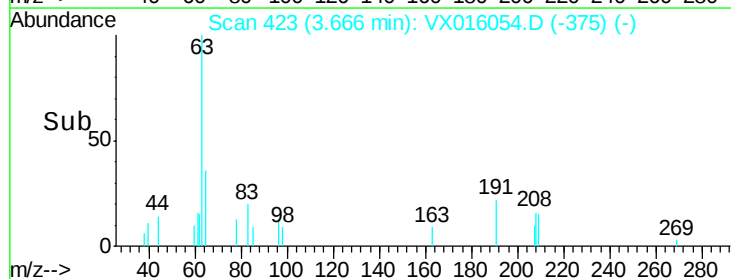
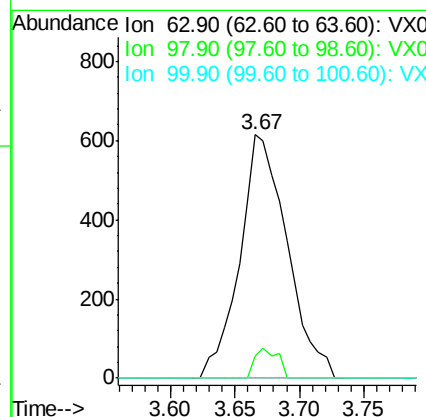
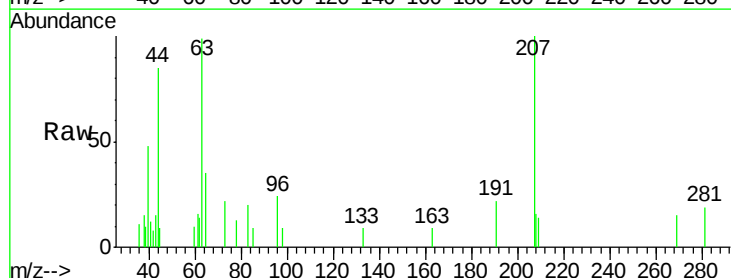
Tgt Ion: 63 Resp: 1564

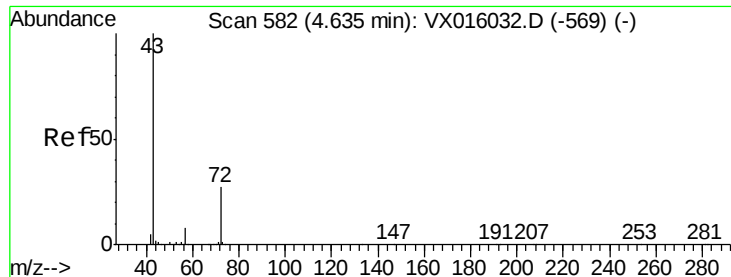
Ion Ratio Lower Upper

63 100

98 9.1 3.5 10.5

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 0.989 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 3065

Ion Ratio Lower Upper

43 100

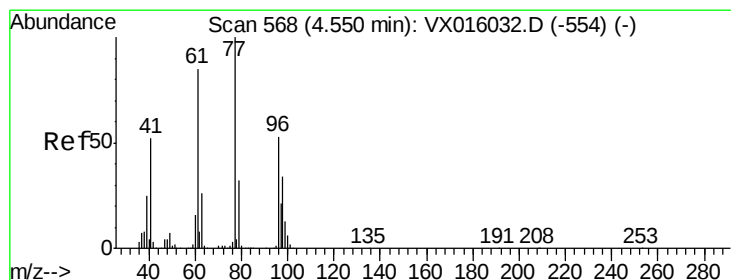
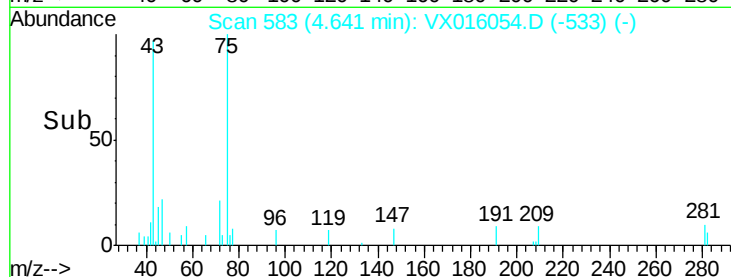
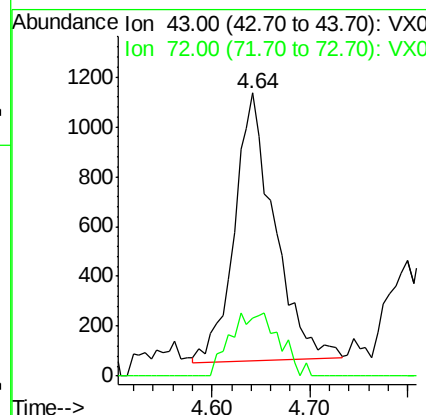
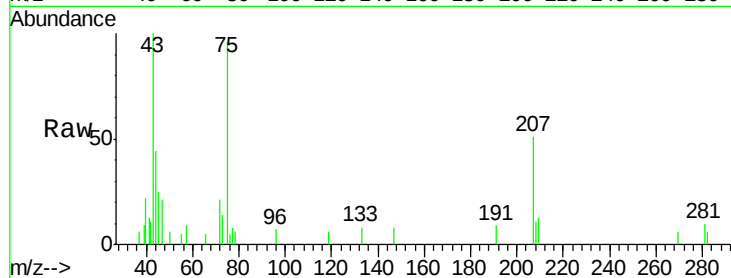
72 21.9 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.265 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016054.D

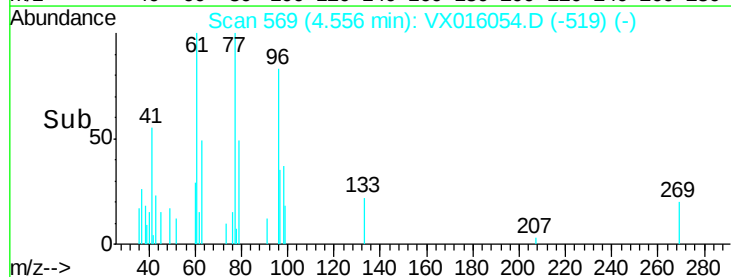
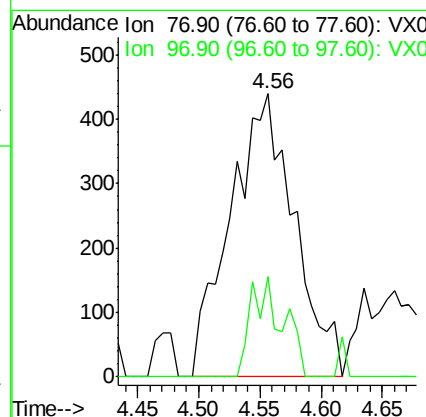
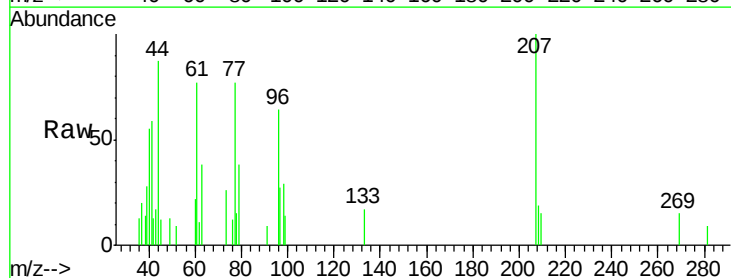
Acq: 05 May 2020 11:33

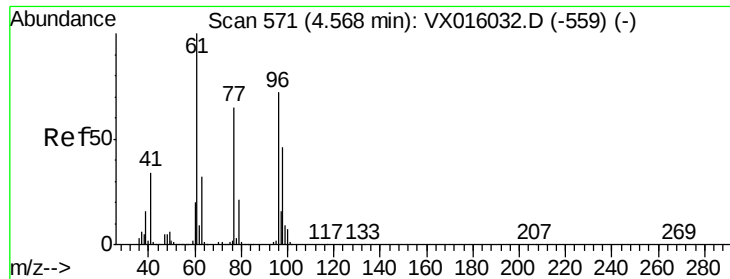
Tgt Ion: 77 Resp: 1597

Ion Ratio Lower Upper

77 100

97 17.5 11.2 33.6





#27

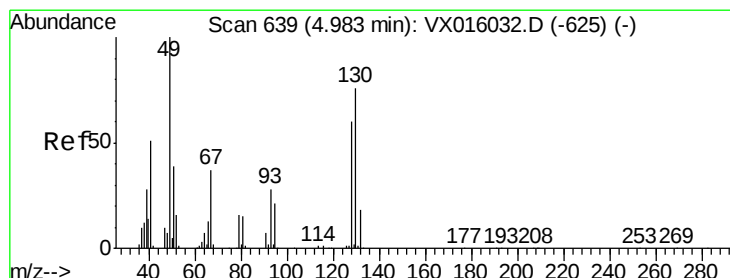
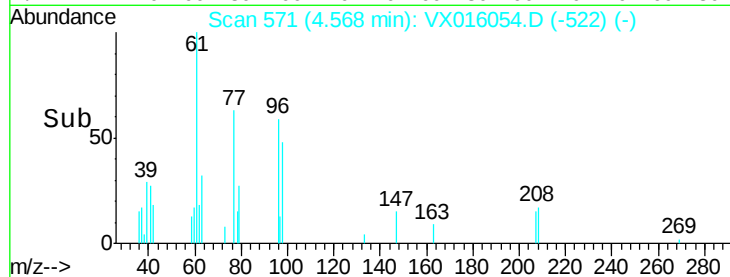
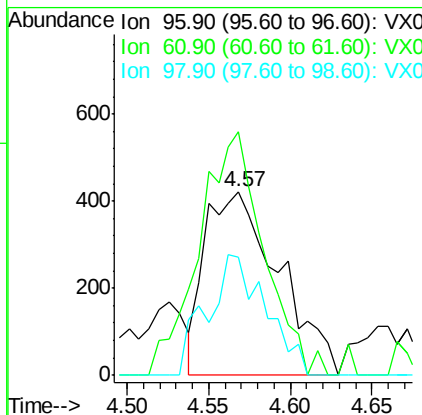
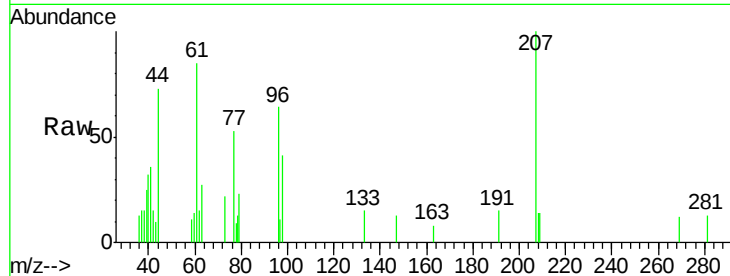
cis-1,2-Dichloroethene
Concen: 0.320 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.4	0.0	296.2
98	52.3	0.0	129.4

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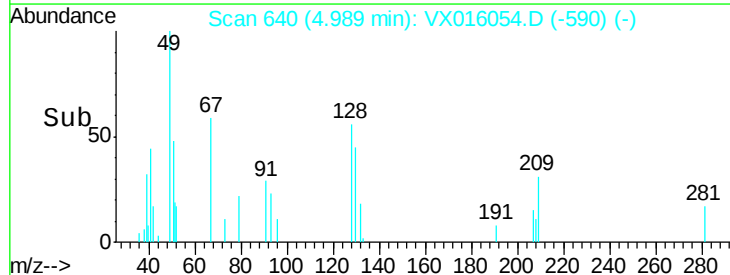
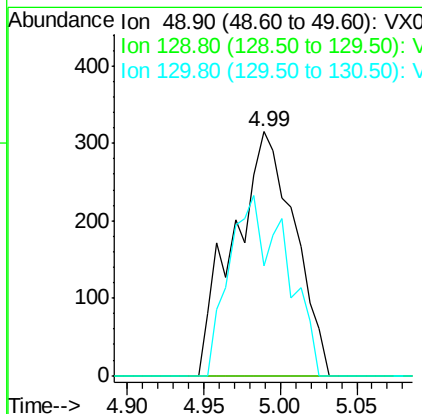
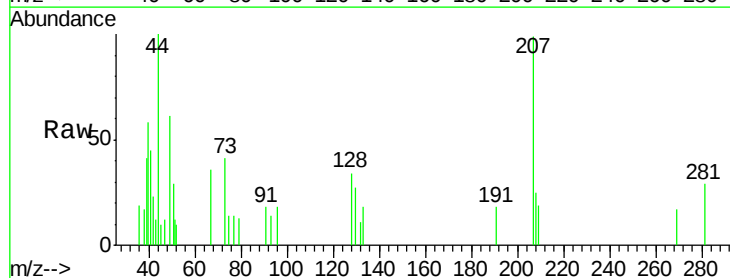
MMDadoda
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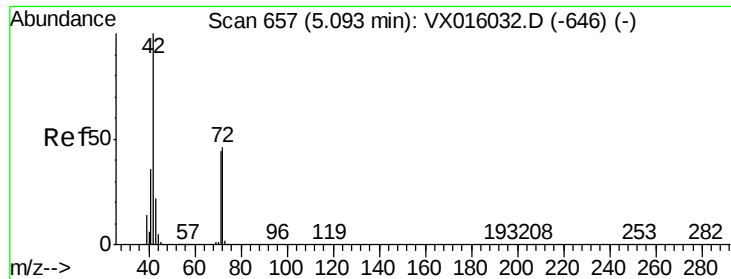


#28

Bromochloromethane
Concen: 0.290 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	68.8	62.4	93.6





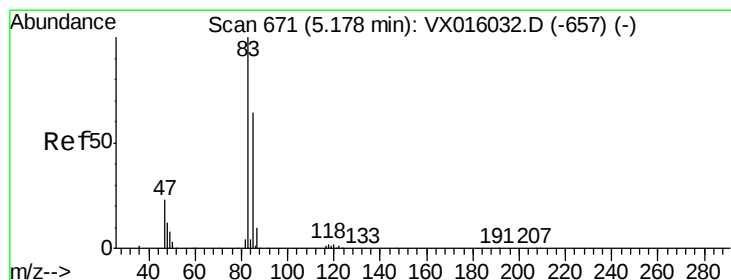
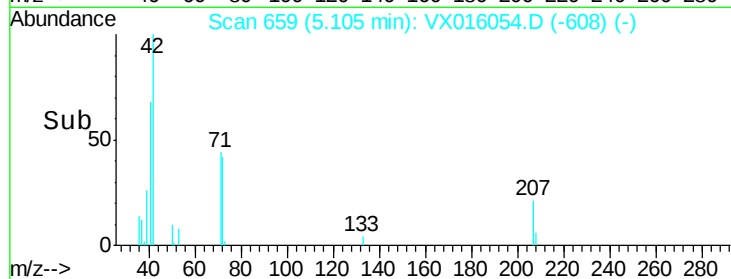
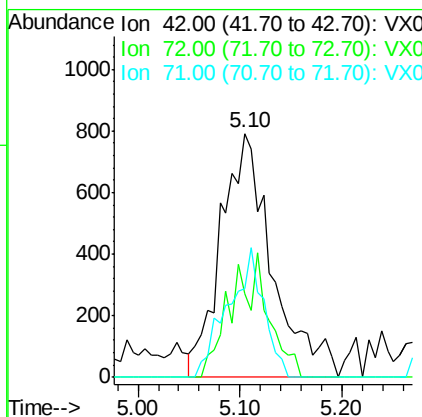
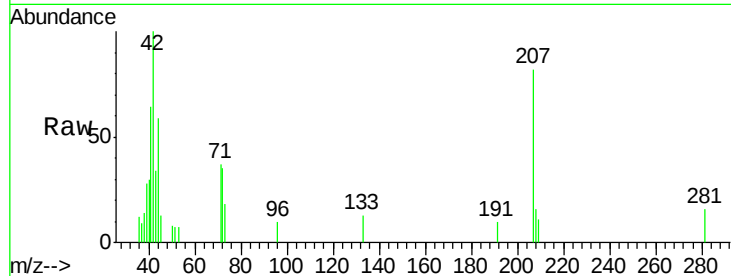
#29
Tetrahydrofuran
Concen: 1.347 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
42	100		
72	21.3	37.1	55.7#
71	36.8	34.5	51.7

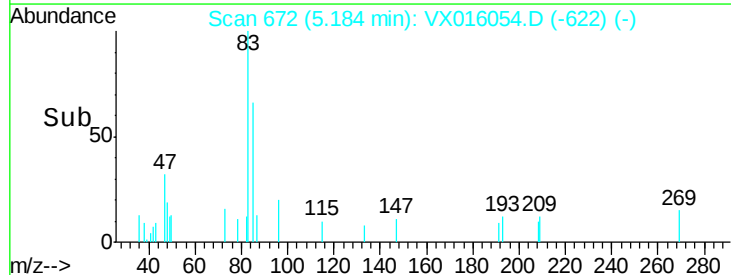
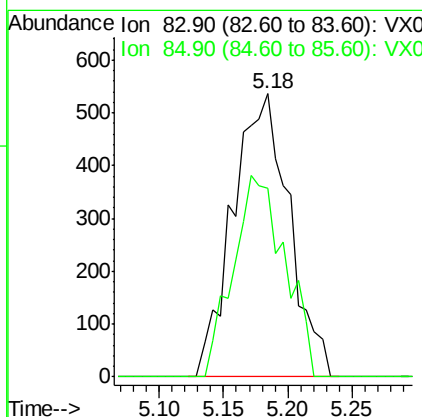
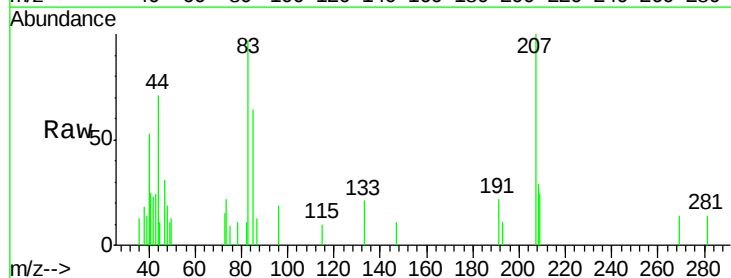
Manual Integrations
APPROVED

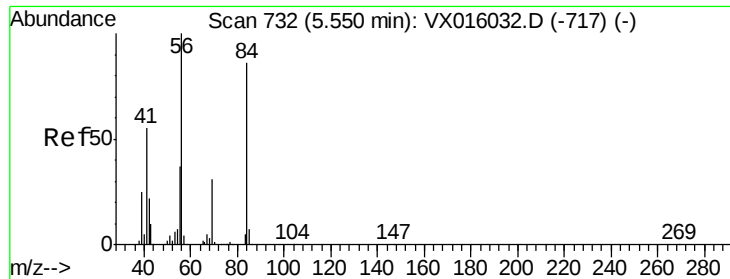
MMDadoda
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#30
Chloroform
Concen: 0.247 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.6	77.4





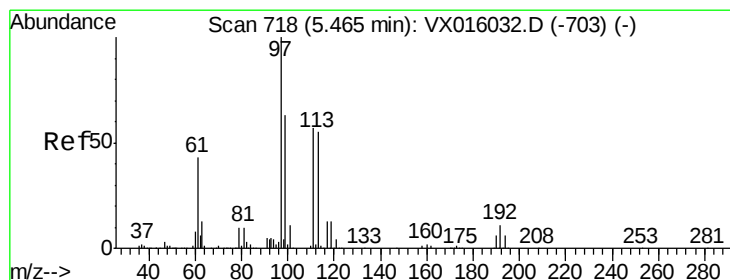
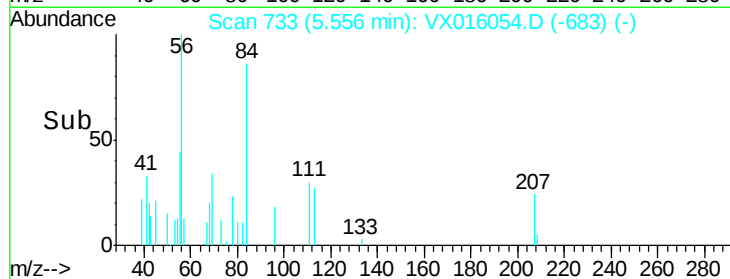
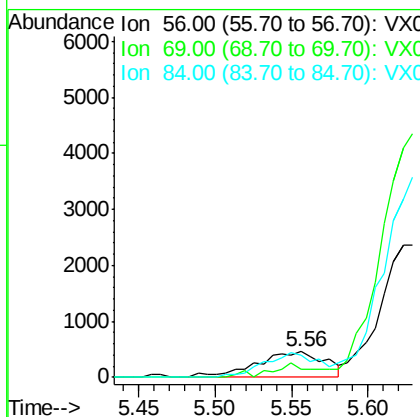
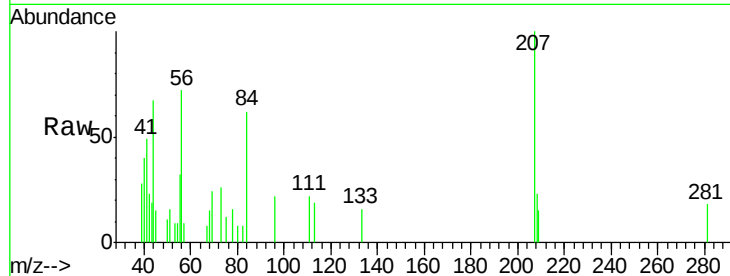
#31
Cyclohexane
Concen: 0.239 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.0	37.6
84	85.9	69.0	103.6

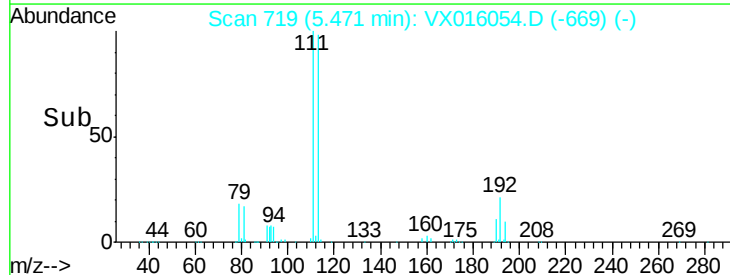
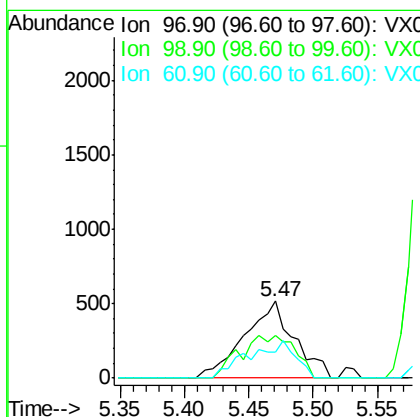
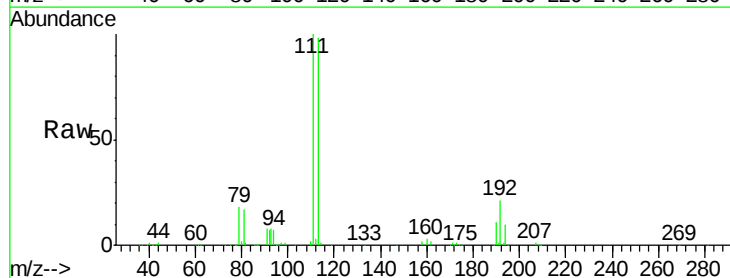
Manual Integrations
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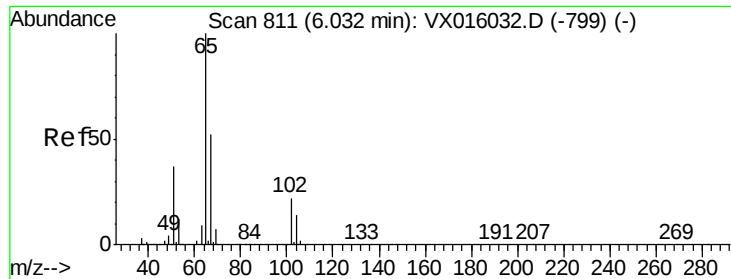
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#32
1,1,1-Trichloroethane
Concen: 0.233 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	45.5	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 44.259 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 65 Resp: 190745

Ion Ratio Lower Upper

65 100

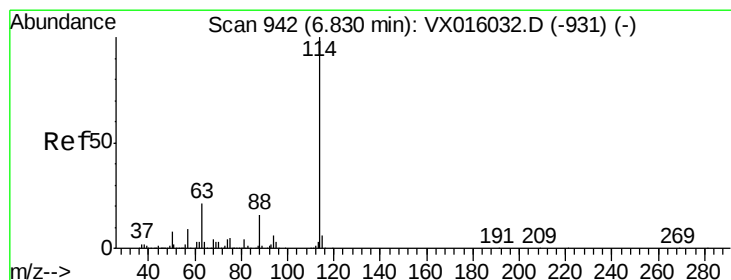
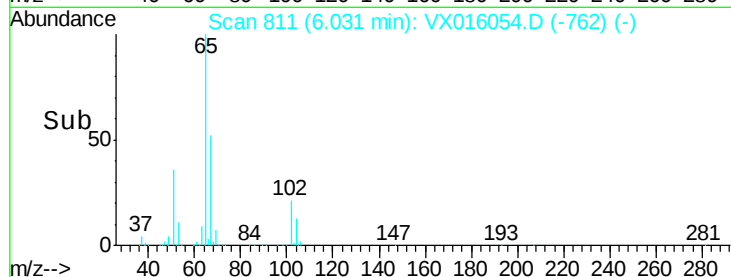
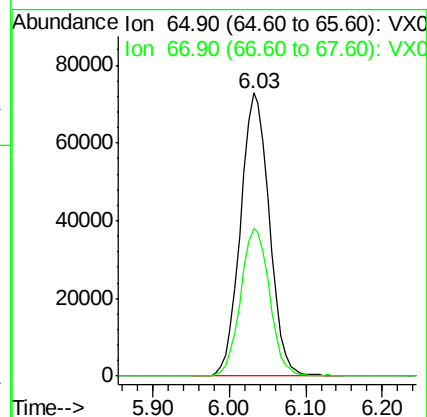
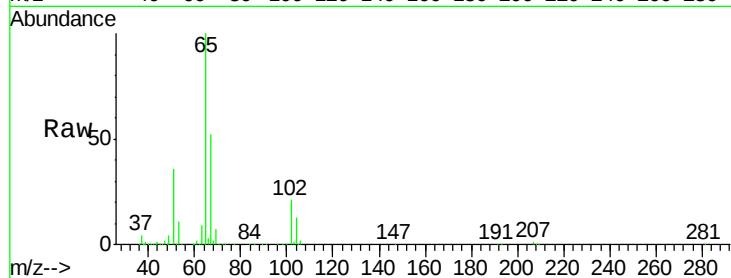
67 52.3 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

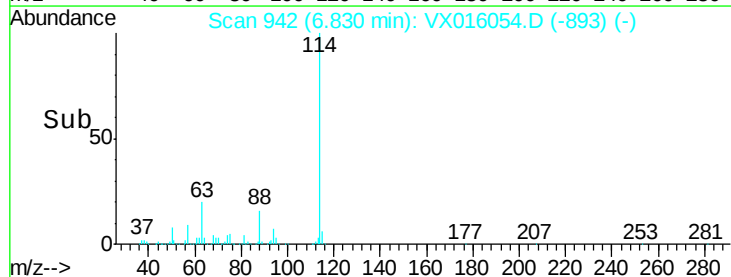
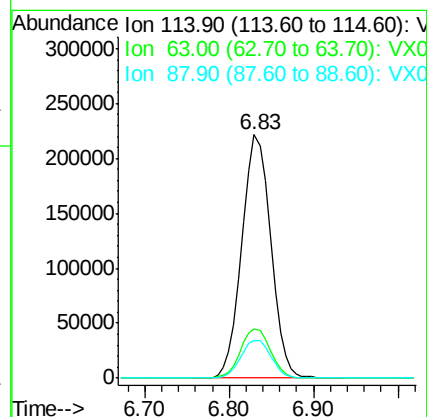
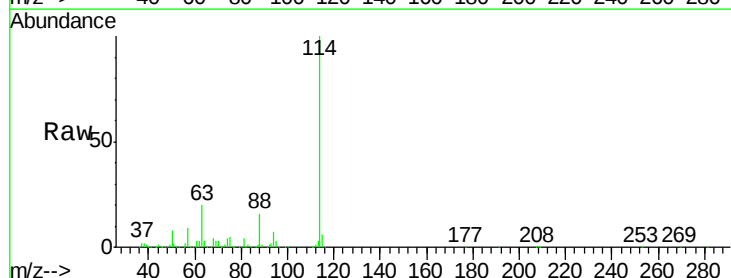
Tgt Ion: 114 Resp: 514543

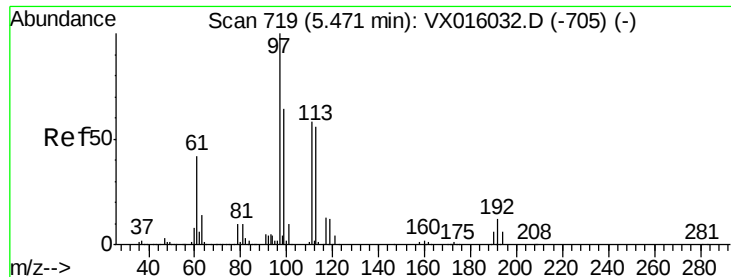
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 43.172 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

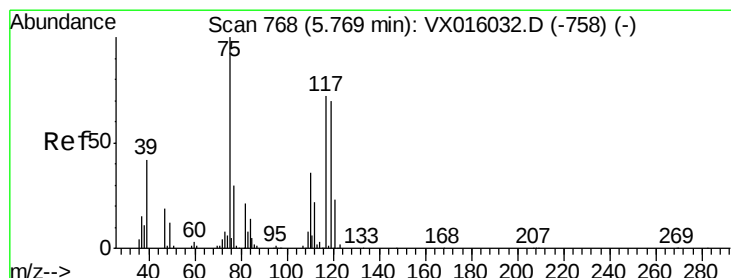
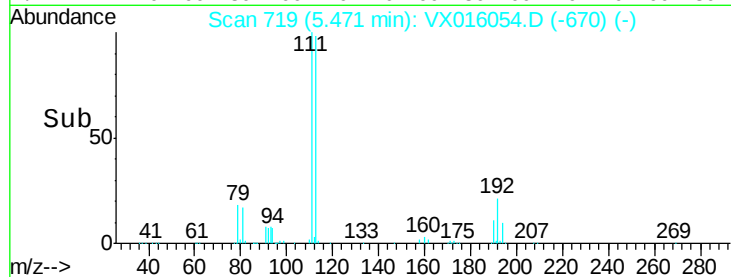
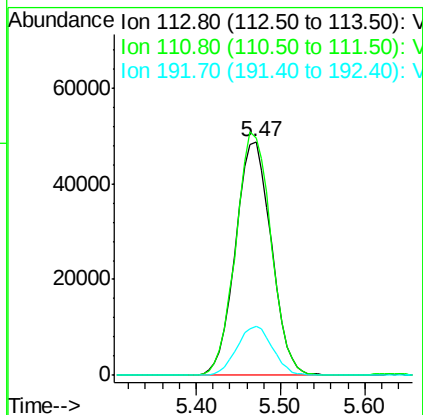
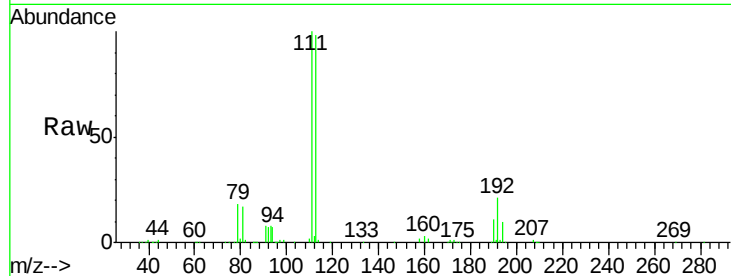
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	113	Resp:	140733
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	20.9	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 0.330 ug/l

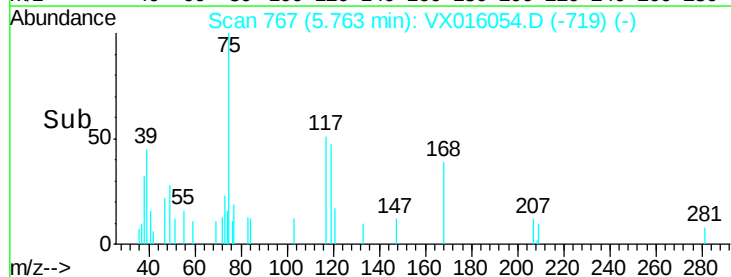
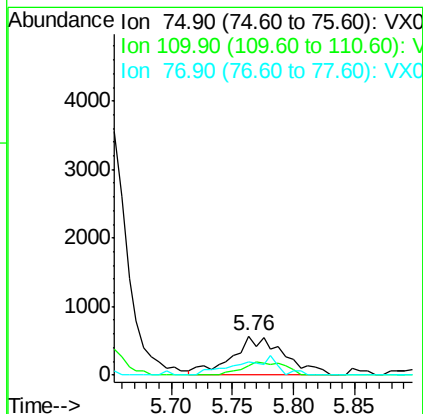
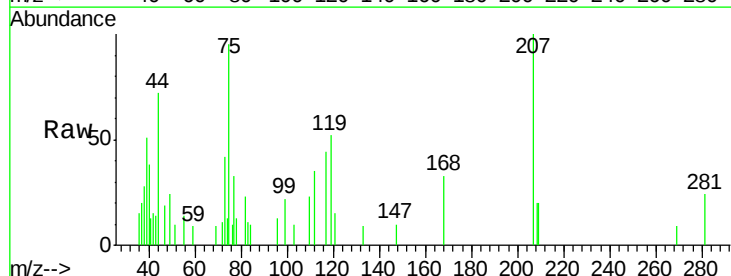
RT: 5.76 min Scan# 767

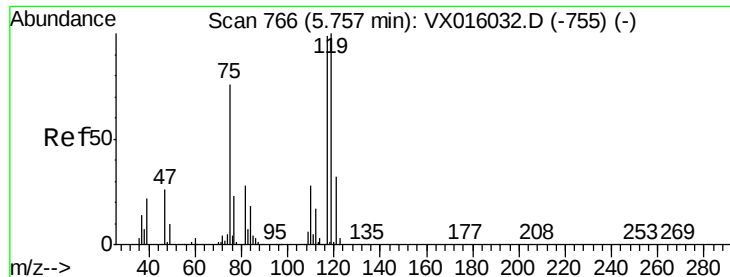
Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion:	75	Resp:	1669
Ion Ratio	Lower	Upper	
75	100		
110	26.9	18.1	54.1
77	38.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 0.202 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

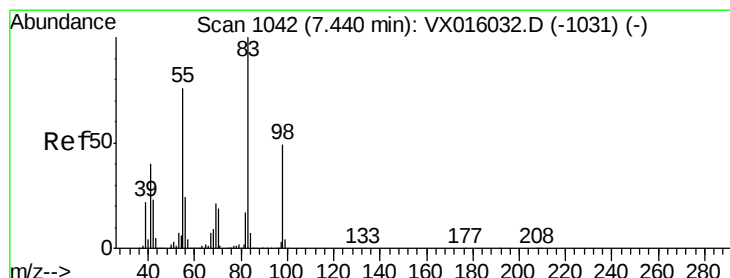
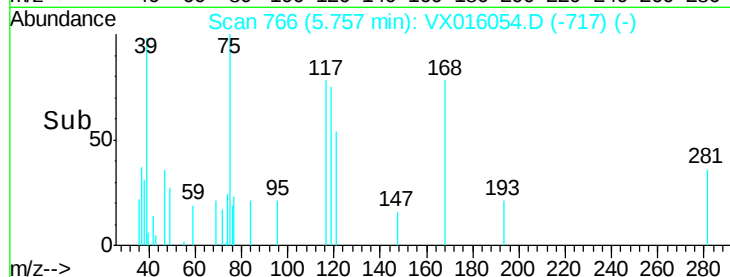
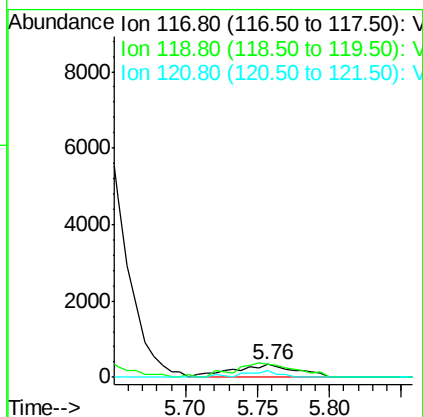
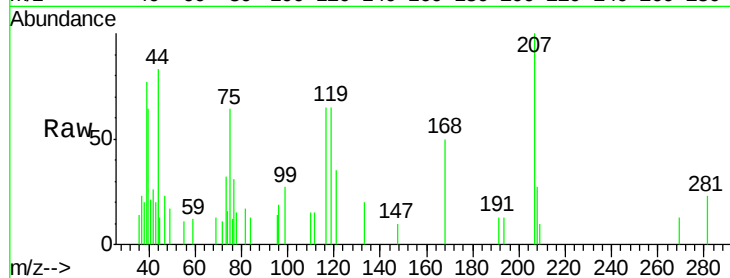
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	117	Resp:	1041
Ion	Ratio	Lower	Upper
117	100		
119	99.4	80.3	120.5
121	52.8	25.7	38.5#

Manual Integrations
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#39

Methylcyclohexane

Concen: 0.227 ug/l

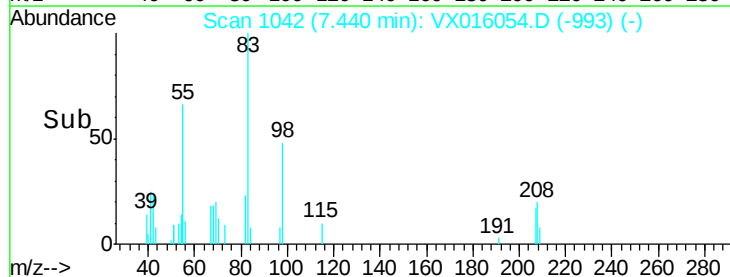
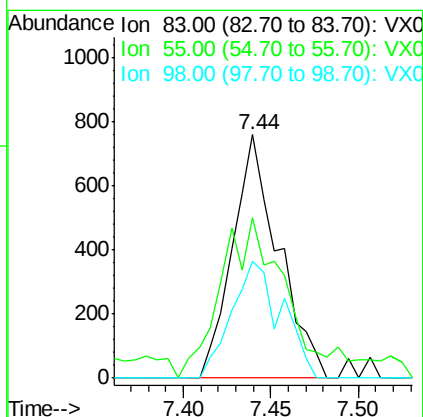
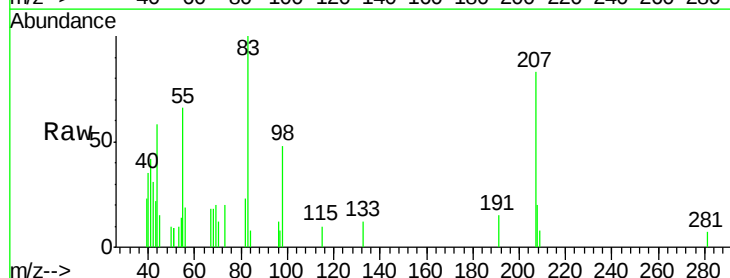
RT: 7.44 min Scan# 1042

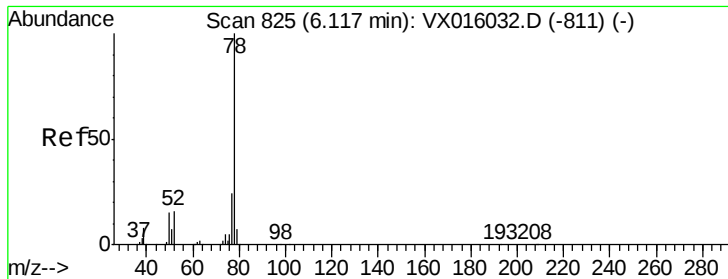
Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion:	83	Resp:	1387
Ion	Ratio	Lower	Upper
83	100		
55	57.6	61.1	91.7#
98	47.9	39.0	58.4





#40

Benzene

Concen: 0.239 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 78 Resp: 3535

Ion Ratio Lower Upper

78 100

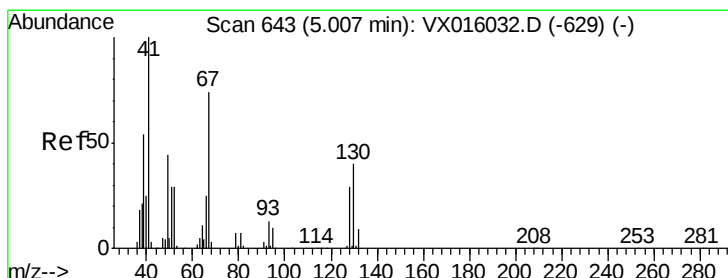
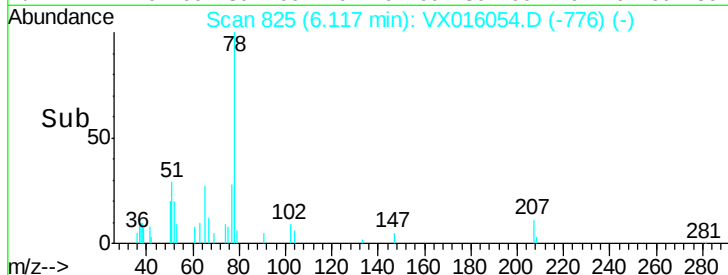
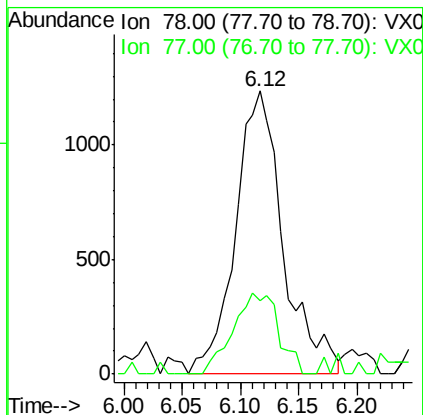
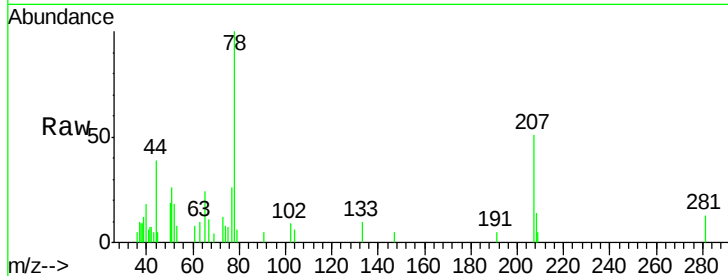
77 26.0 19.0 28.4

Manual Integrations

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#41

Methacrylonitrile

Concen: 0.299 ug/l m

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion: 41 Resp: 948

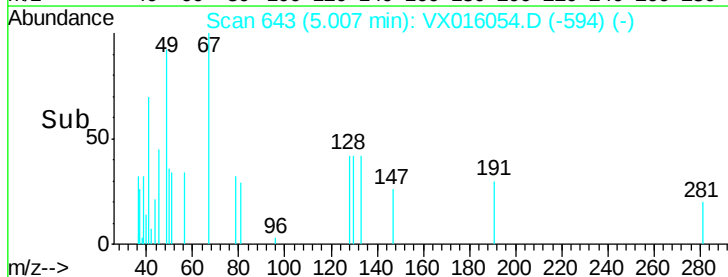
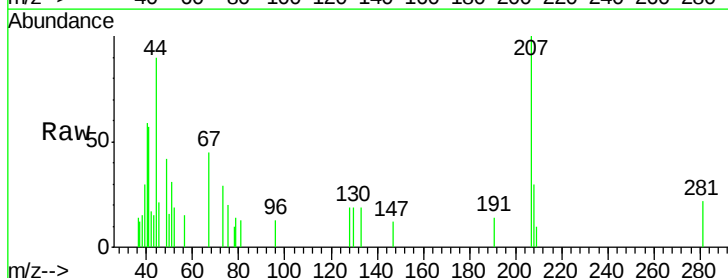
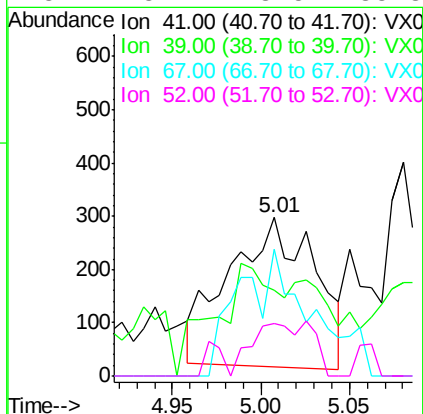
Ion Ratio Lower Upper

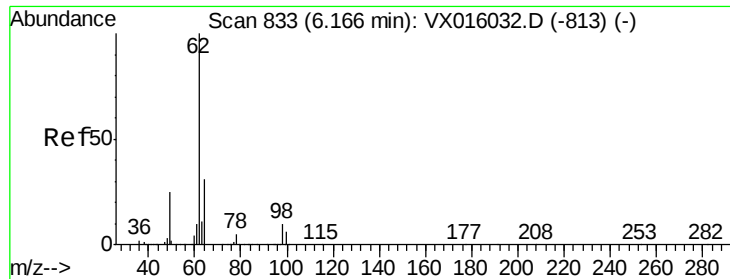
41 100

39 0.0 43.2 64.8#

67 42.5 59.3 88.9#

52 25.2 23.5 35.3





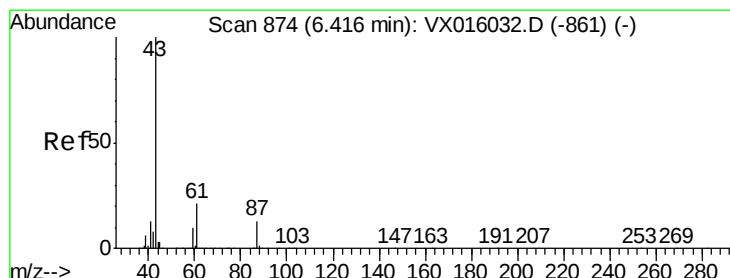
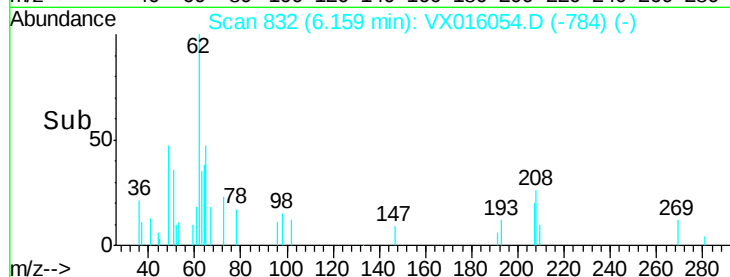
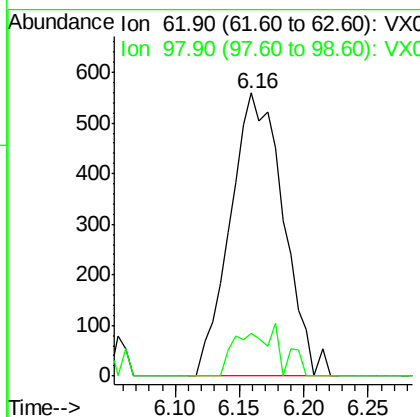
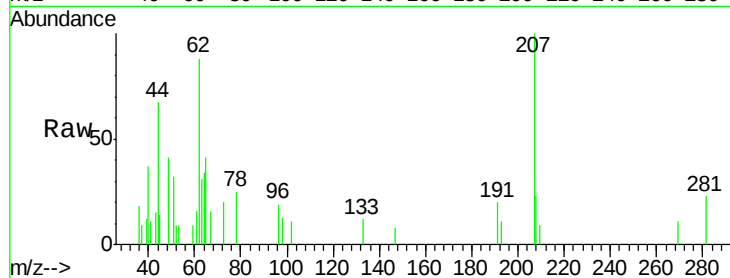
#42
 1,2-Dichloroethane
 Concen: 0.300 ug/l
 RT: 6.16 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
62	100	1604		
98	14.3	0.0	19.4	

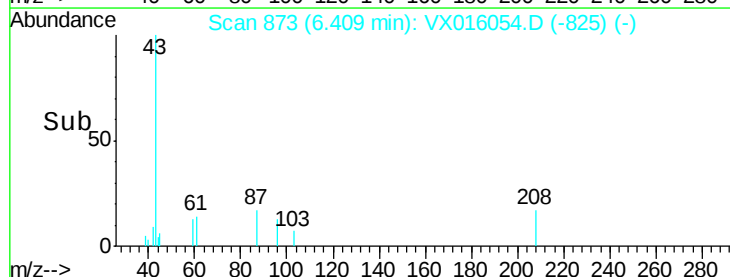
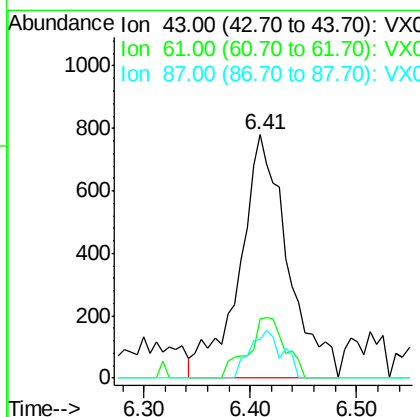
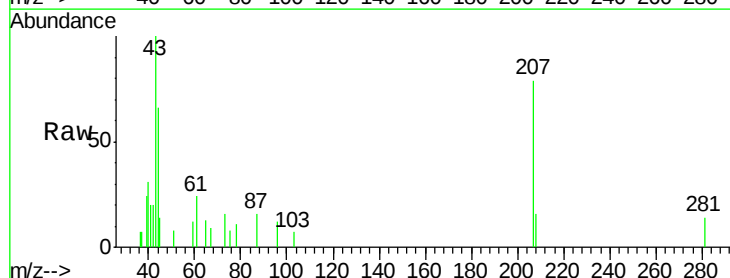
Manual Integrations
 APPROVED

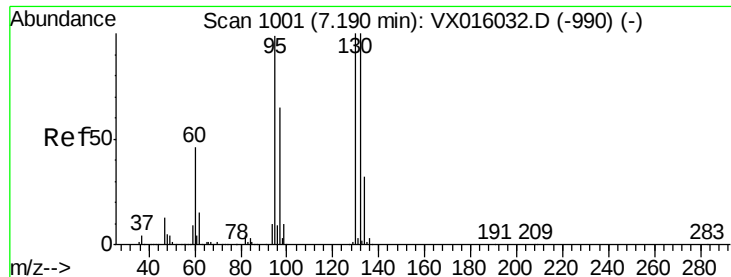
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 0.263 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	2468		
61	19.2	17.0	25.4	
87	13.4	11.0	16.6	





#44

Trichloroethene

Concen: 0.252 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:130 Resp: 1329

Ion Ratio Lower Upper

130 100

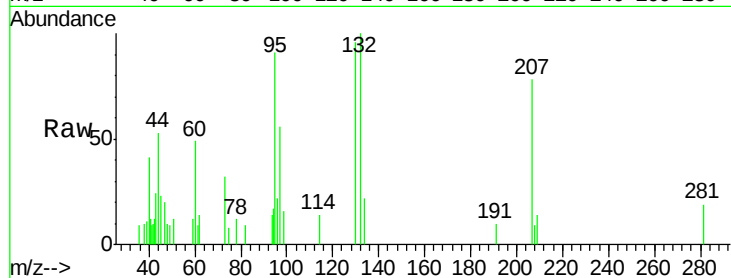
95 94.5 0.0 197.4

Manual Integrations

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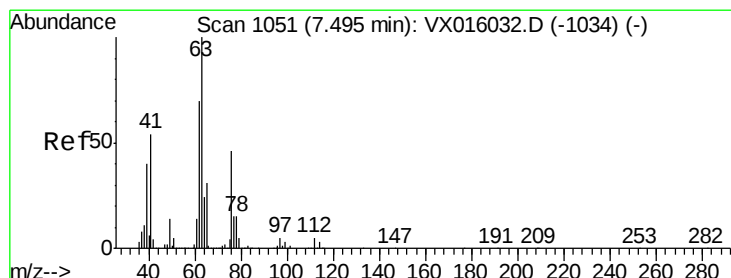
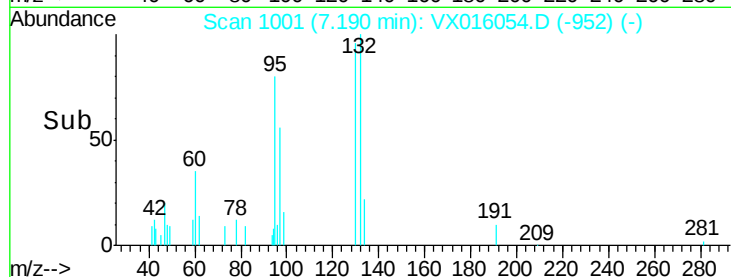
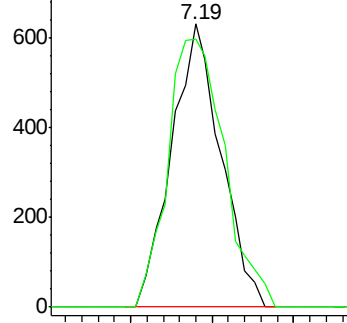
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.208 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016054.D

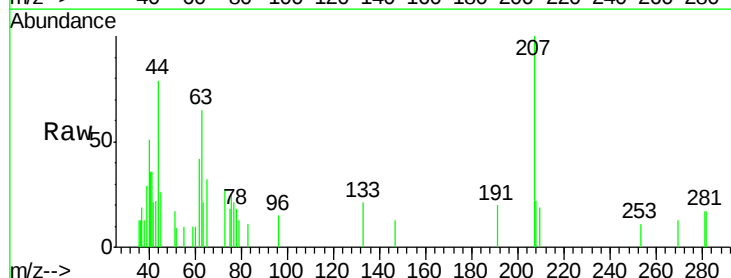
Acq: 05 May 2020 11:33

Tgt Ion: 63 Resp: 779

Ion Ratio Lower Upper

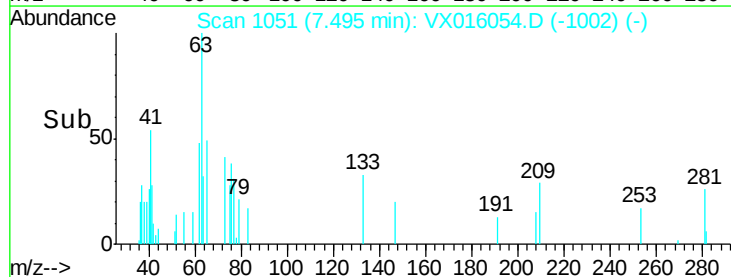
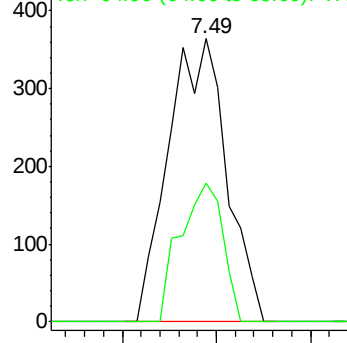
63 100

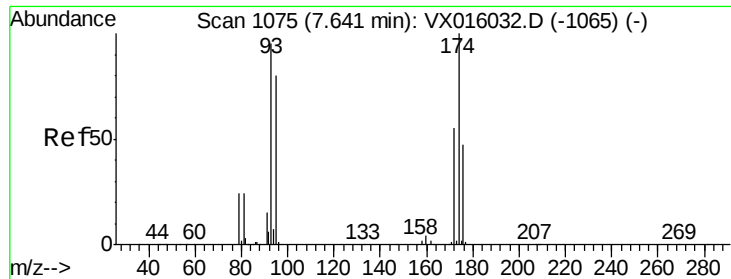
65 48.9 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





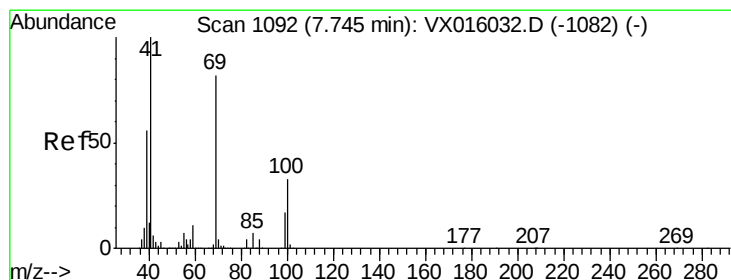
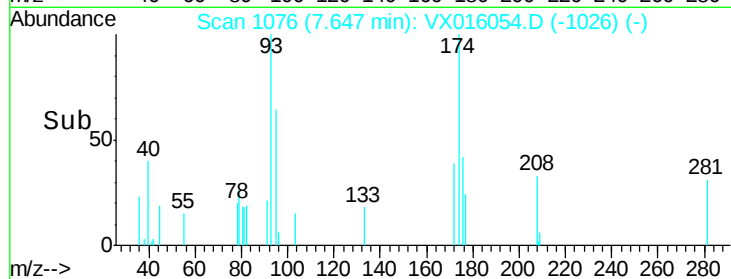
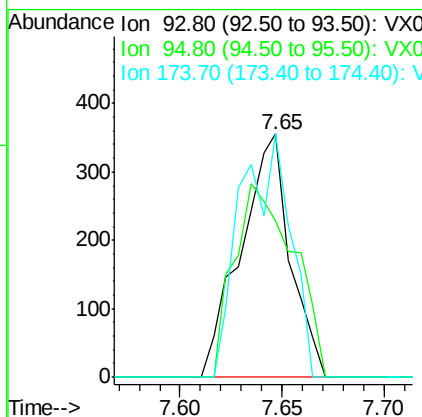
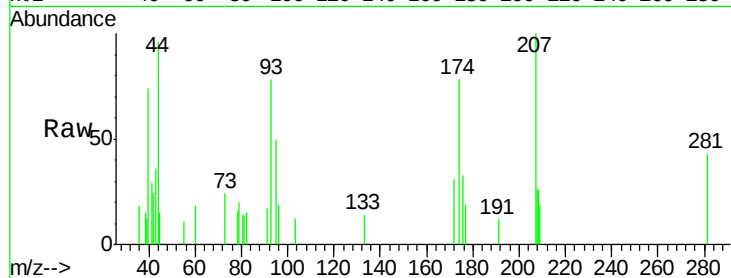
#46
Dibromomethane
Concen: 0.235 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
93	100		
95	95.7	66.6	100.0
174	101.0	84.2	126.4

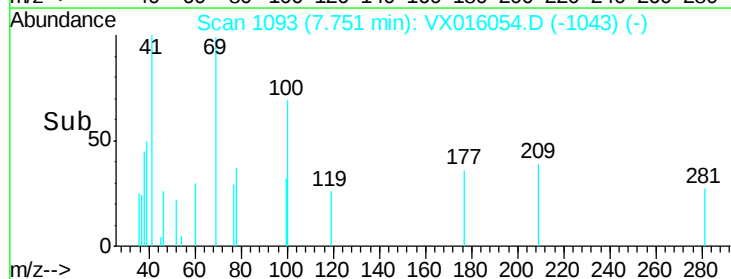
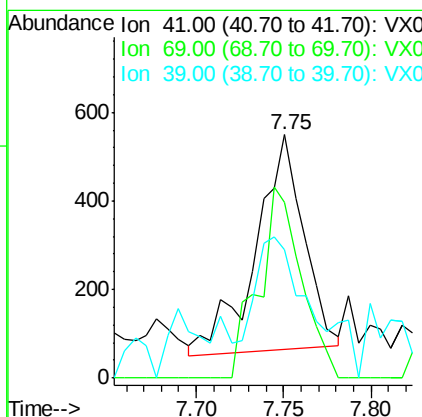
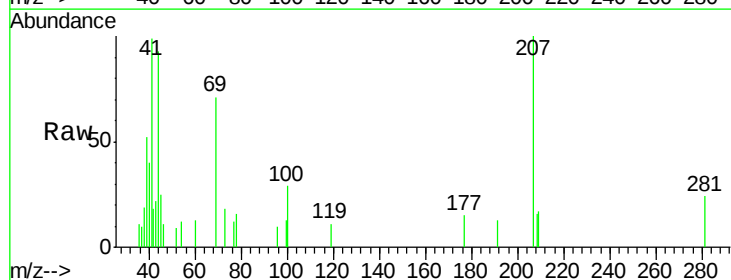
Manual Integrations
APPROVED

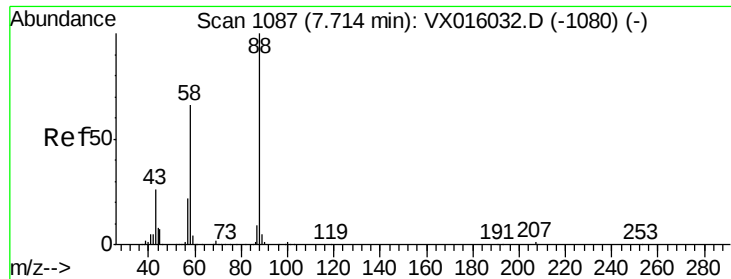
MMDadoda
5/6/2020 12:27:05 PM



#48
Methyl methacrylate
Concen: 0.209 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.0	67.8	101.6
39	80.1	44.6	67.0#





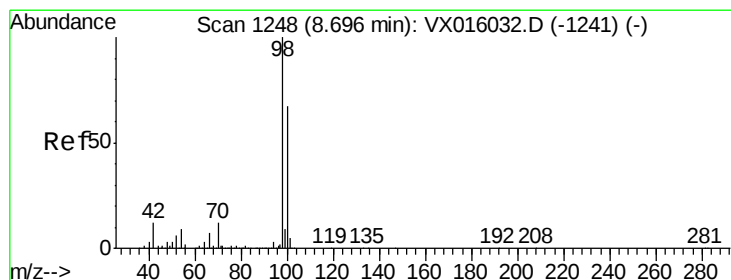
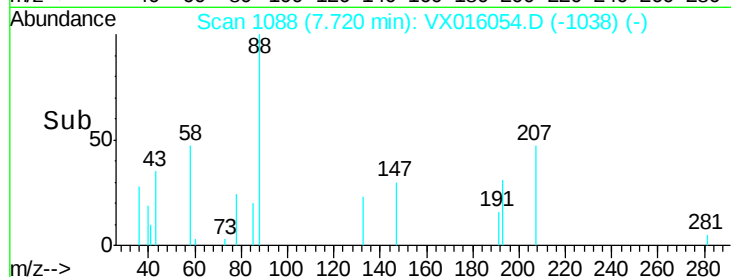
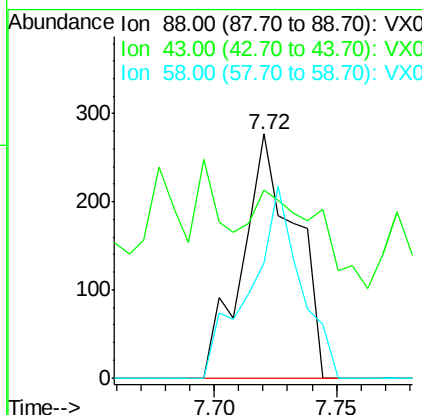
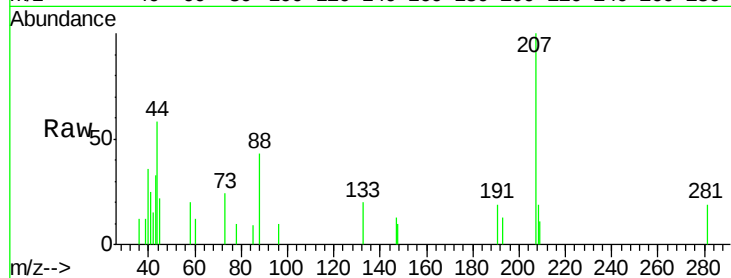
#49
1,4-Dioxane
Concen: 3.889 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
88	100		
43	52.2	25.3	37.9#
58	75.8	55.9	83.9

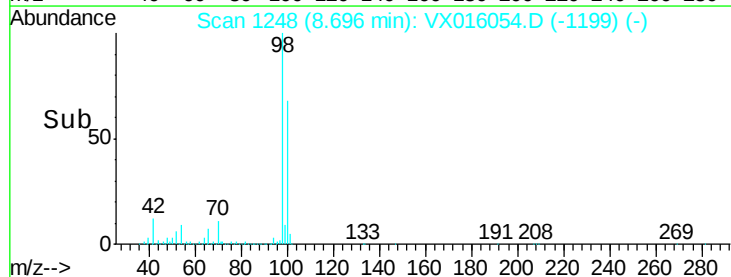
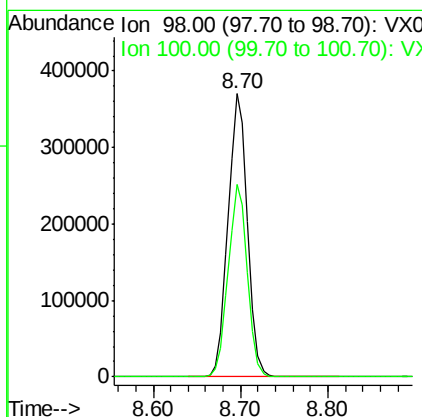
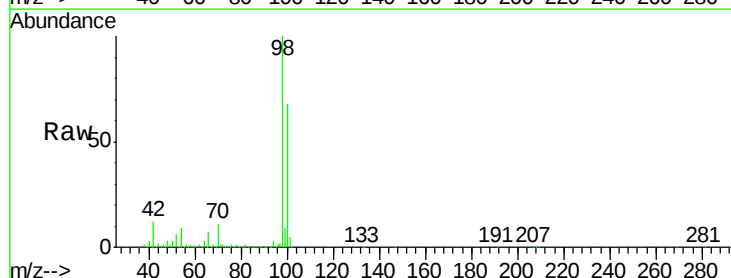
Manual Integrations
APPROVED

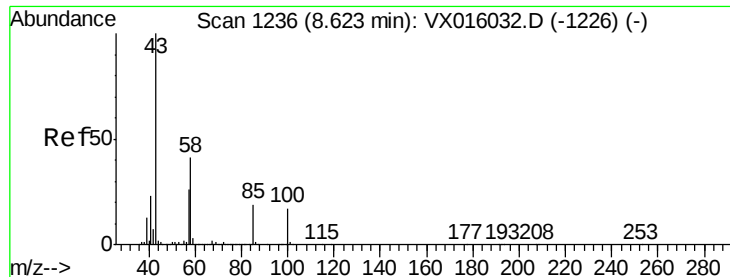
MMDadoda
5/6/2020 12:27:05 PM



#50
Toluene-d8
Concen: 45.305 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 0.925 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 5303

Ion Ratio Lower Upper

43 100

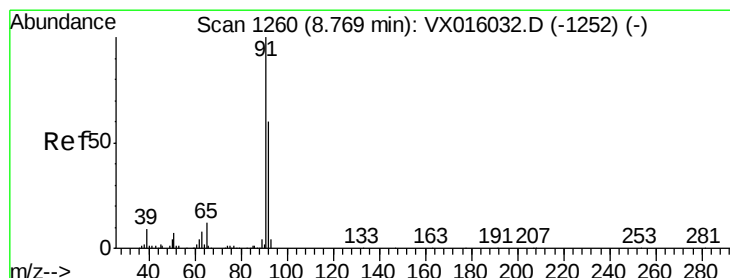
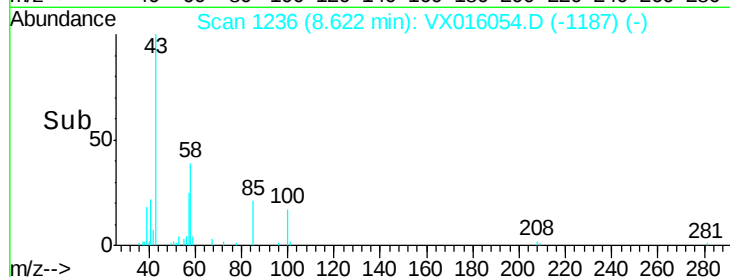
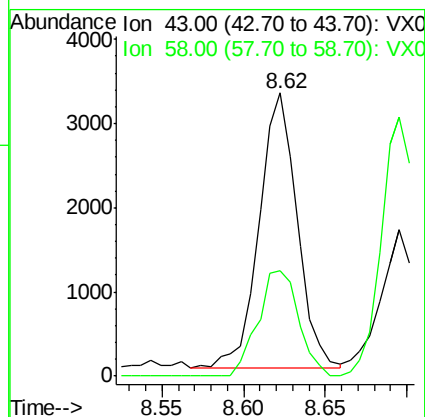
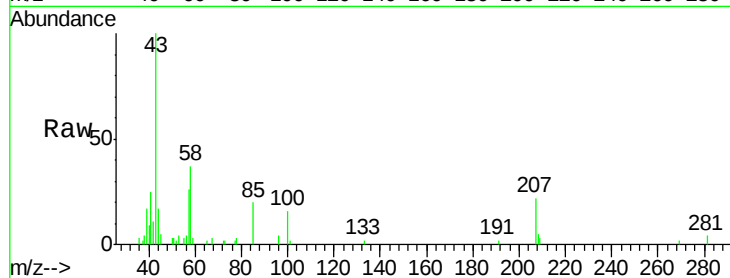
58 40.7 33.0 49.4

Manual Integrations

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5/6/2020 12:27:05 PM



#52

Toluene

Concen: 0.212 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016054.D

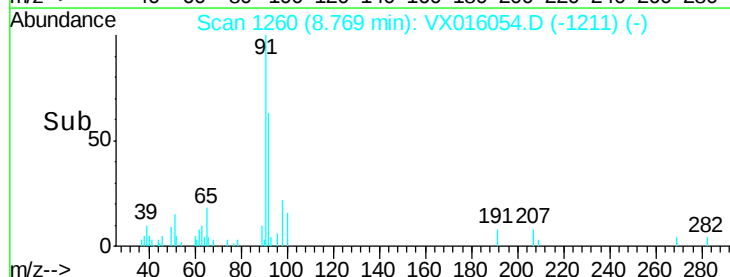
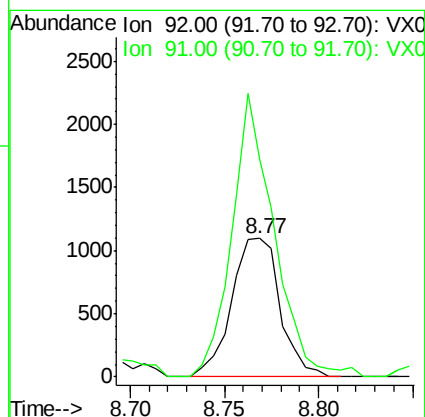
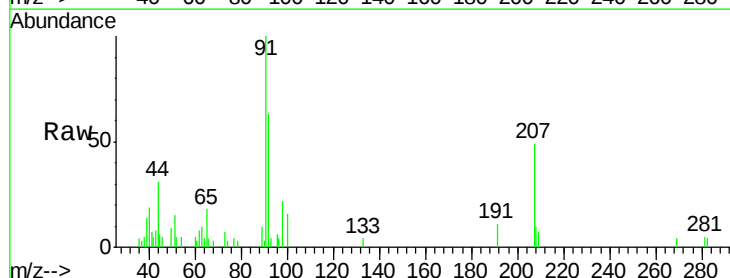
Acq: 05 May 2020 11:33

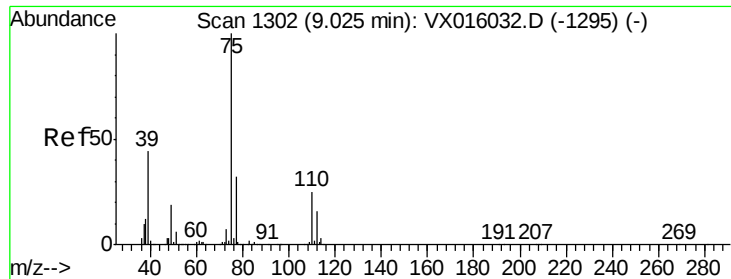
Tgt Ion: 92 Resp: 1958

Ion Ratio Lower Upper

92 100

91 177.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 0.257 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 75 Resp: 1592

Ion Ratio Lower Upper

75 100

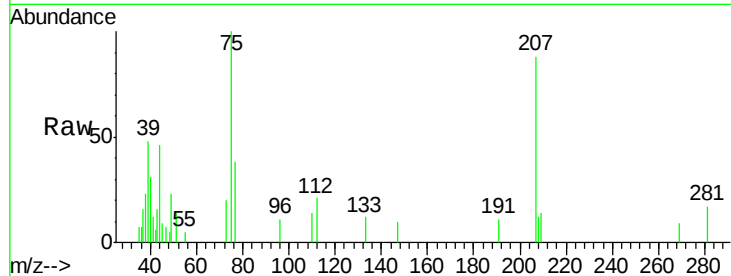
77 32.0 25.7 38.5

Manual Integrations

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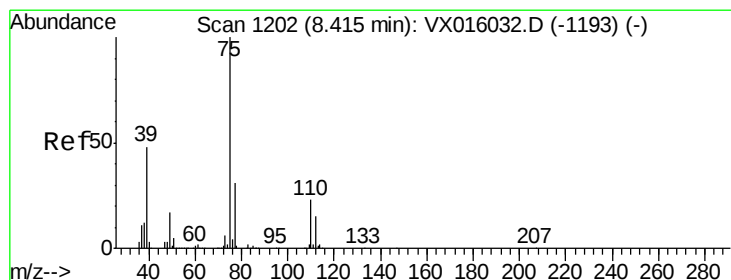
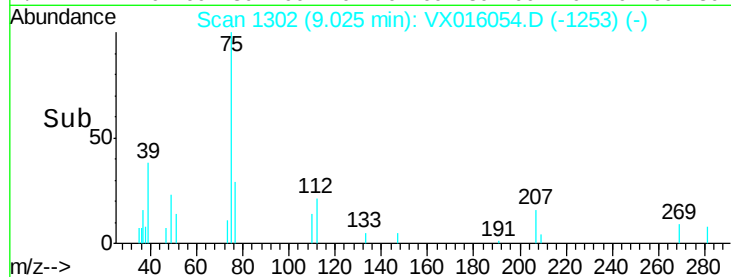
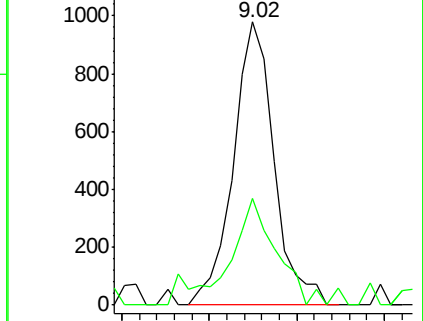
MMDadoda

5/6/2020 12:27:05 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.216 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

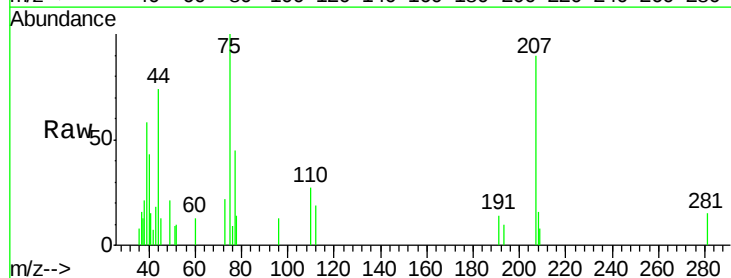
Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

75 100

77 45.2 24.7 37.1#

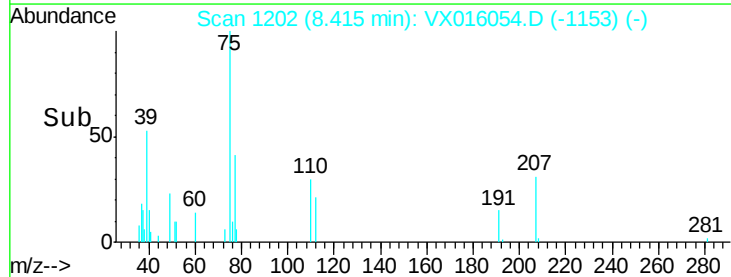
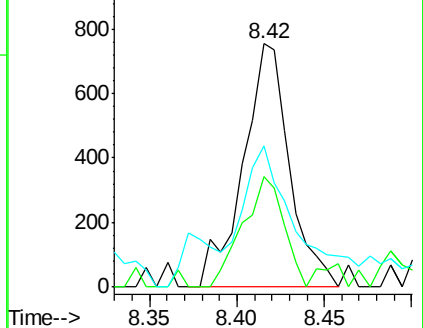
39 45.0 38.7 58.1

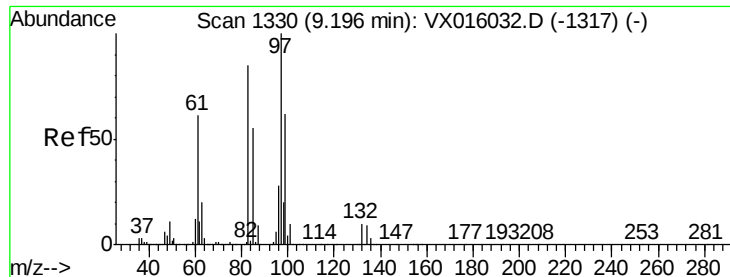


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





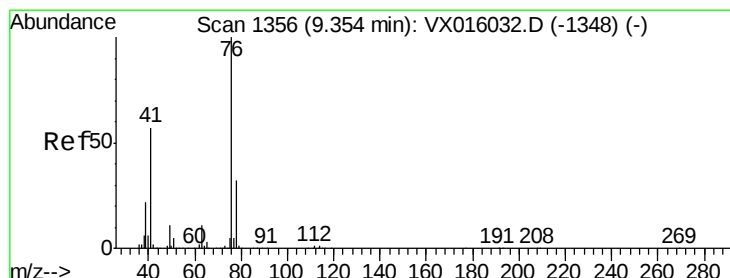
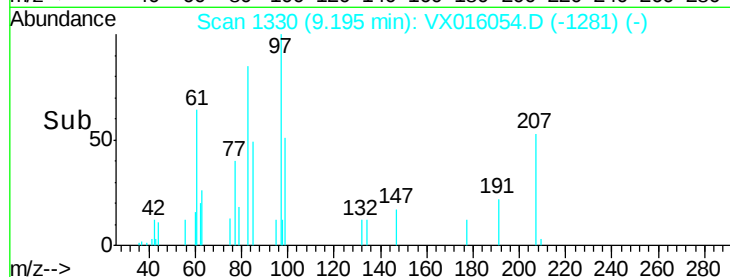
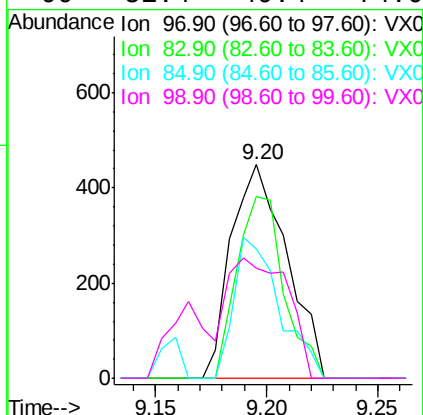
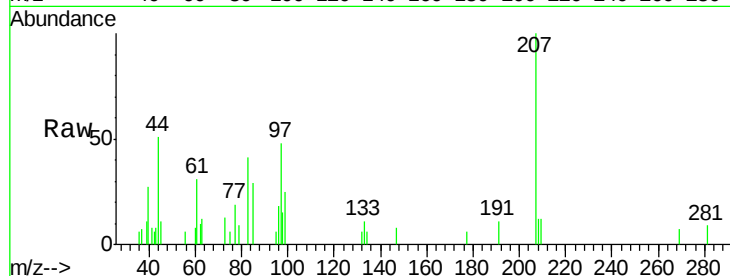
#55
 1,1,2-Trichloroethane
 Concen: 0.215 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.8	101.8
85	60.8	43.8	65.8
99	51.4	49.4	74.0

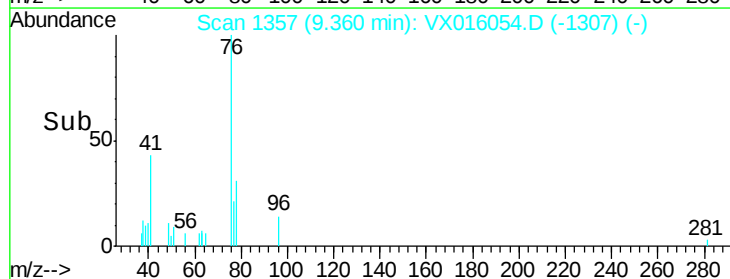
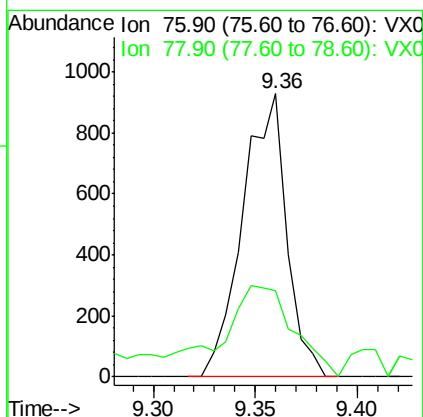
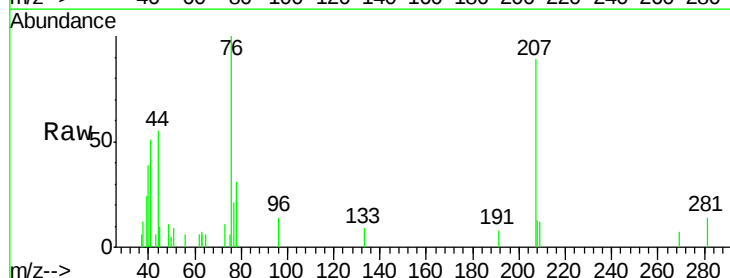
Manual Integrations
 APPROVED

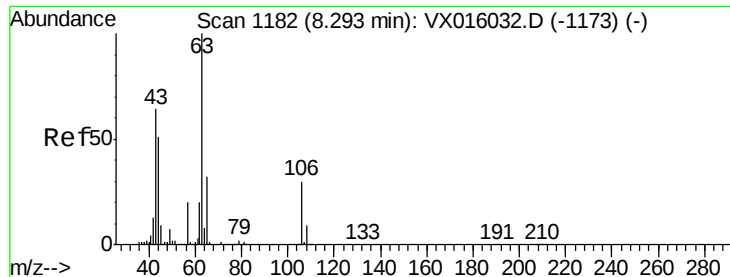
MMDadoda
 5/6/2020 12:27:05 PM



#57
 1,3-Dichloropropane
 Concen: 0.219 ug/l
 RT: 9.36 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
76	100		
78	53.1	25.9	38.9#





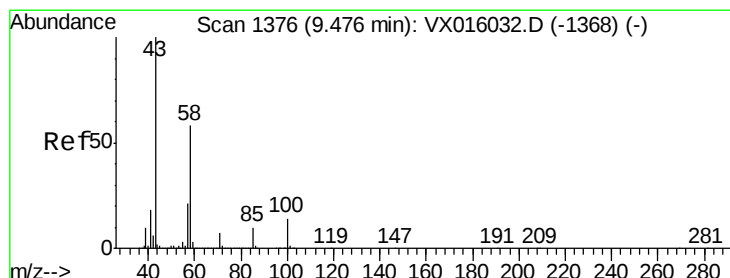
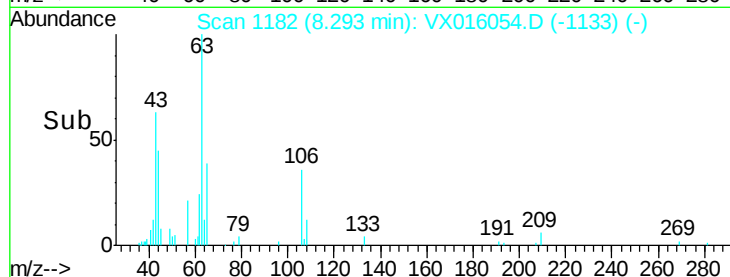
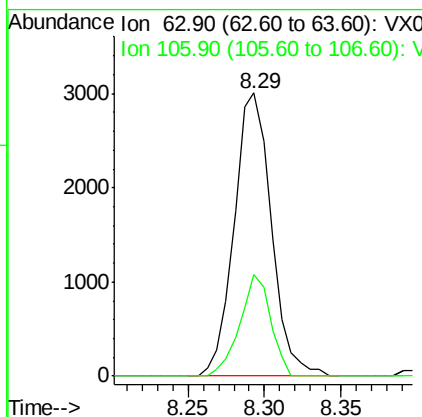
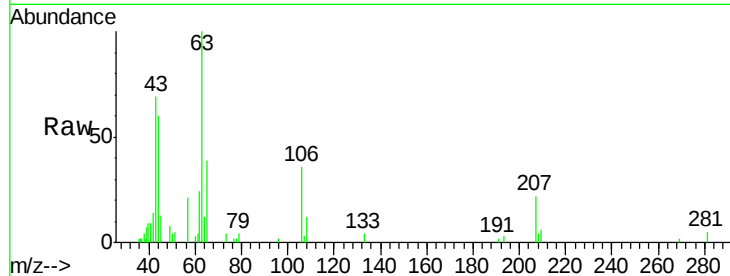
#58
2-Chloroethyl Vinyl ether
Concen: 1.605 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 63 Resp: 5069
Ion Ratio Lower Upper
63 100
106 29.5 23.4 35.2

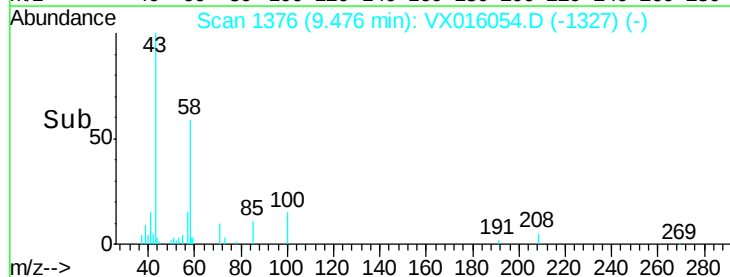
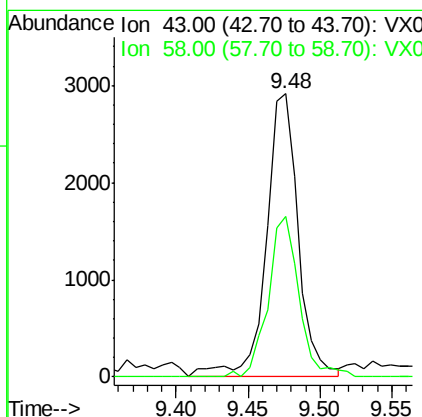
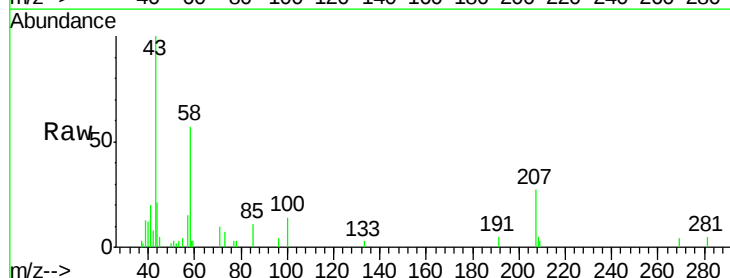
Manual Integrations
APPROVED

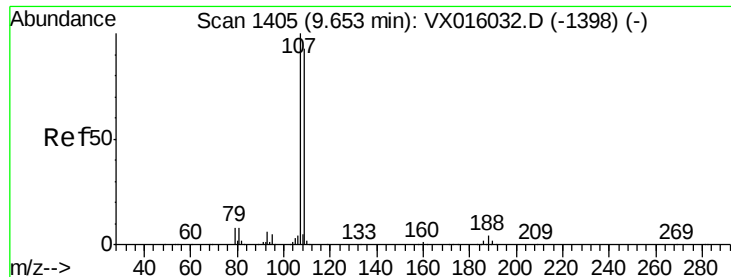
MMDadoda
5/6/2020 12:27:05 PM



#59
2-Hexanone
Concen: 0.999 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 43 Resp: 4495
Ion Ratio Lower Upper
43 100
58 54.6 28.6 85.9





#61

1,2-Dibromoethane

Concen: 0.217 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 107 Resp: 855

Ion Ratio Lower Upper

107 100

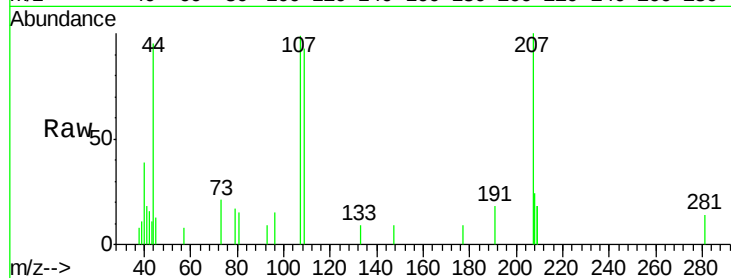
109 101.4 74.9 112.3

Manual Integrations

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5/6/2020 12:27:05 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

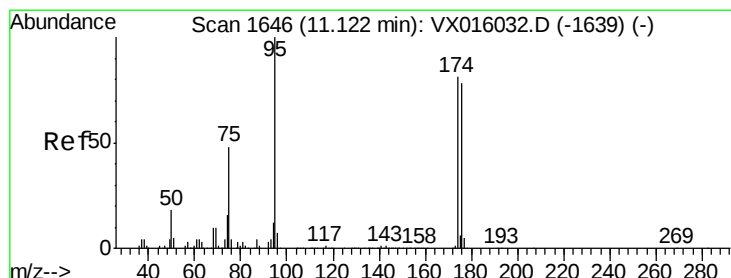
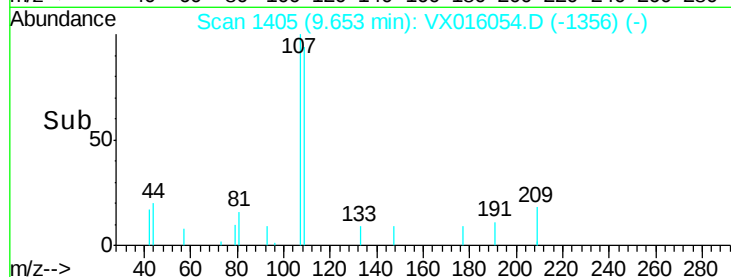
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.088 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

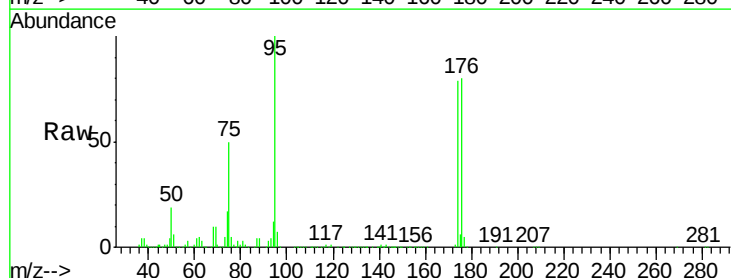
Tgt Ion: 95 Resp: 205846

Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.4

176 78.9 0.0 157.6



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

11.12

200000

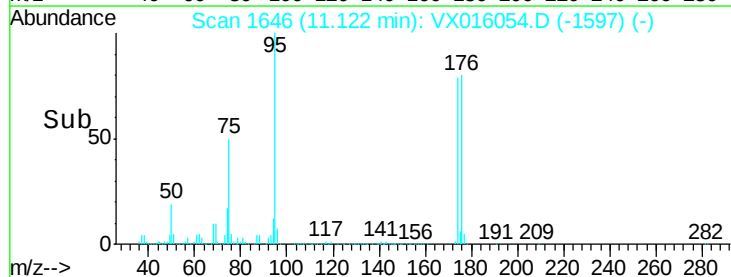
150000

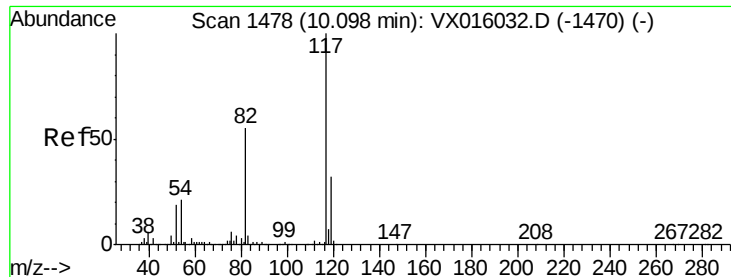
100000

50000

0

Time-->





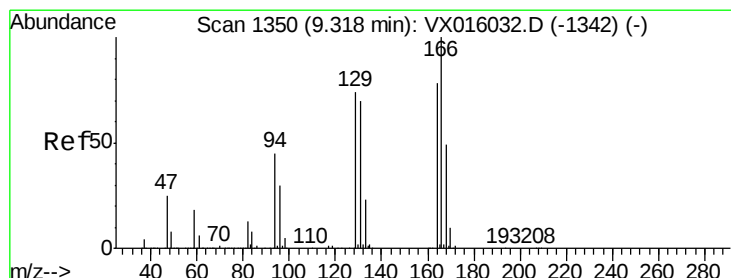
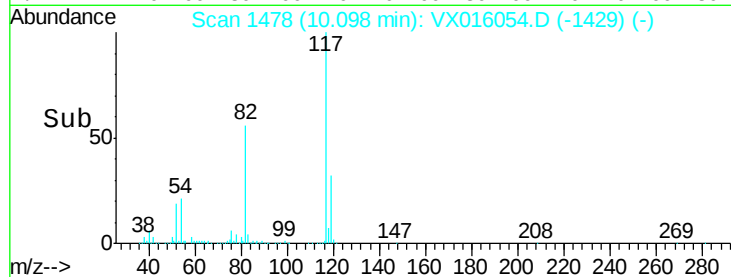
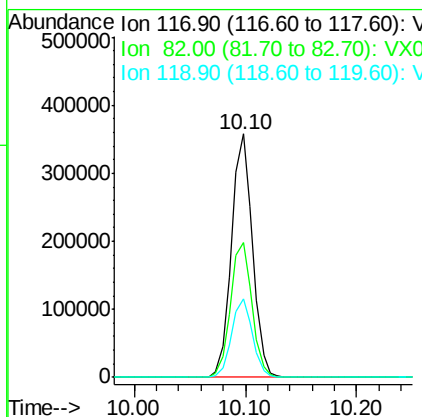
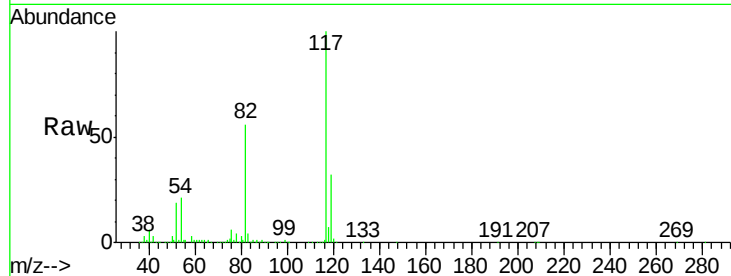
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	465187		
82	55.5	44.4	66.6	
119	32.1	25.5	38.3	

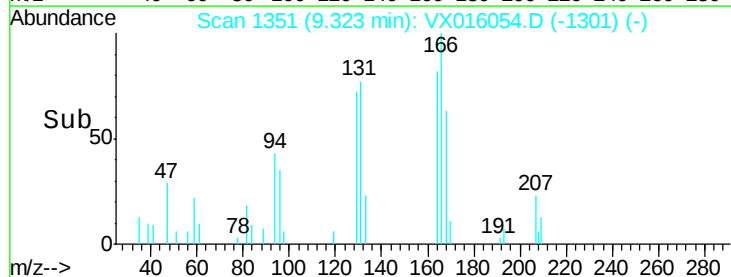
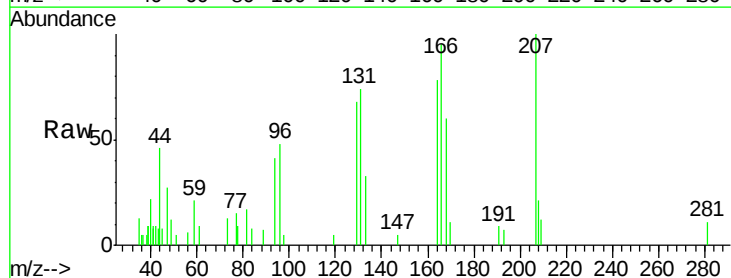
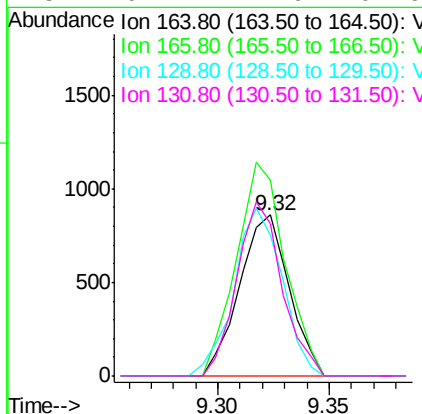
Manual Integrations
APPROVED

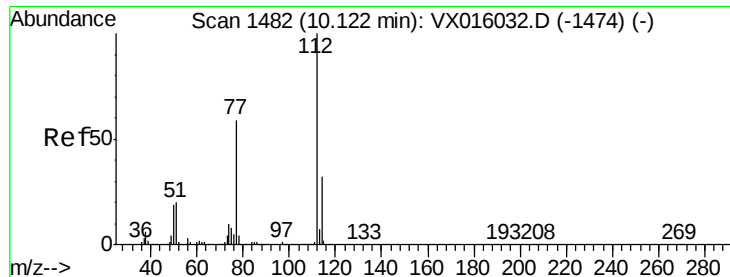
MMDadoda
5/6/2020 12:27:05 PM



#64
Tetrachloroethene
Concen: 0.233 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1332		
166	121.7	102.9	154.3	
129	87.3	76.1	114.1	
131	94.2	71.9	107.9	





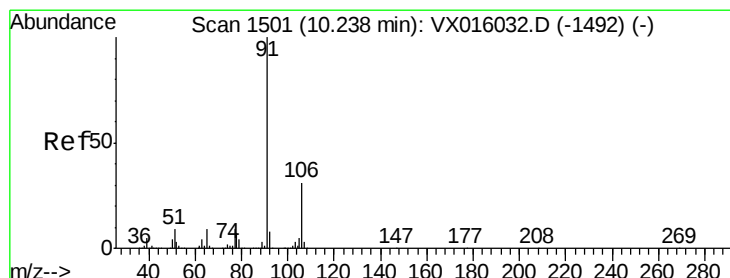
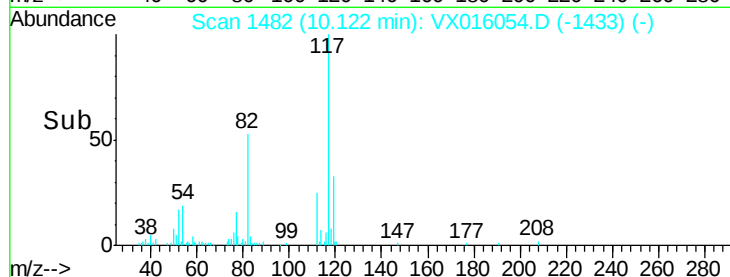
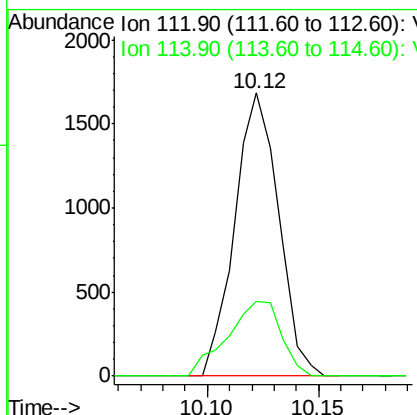
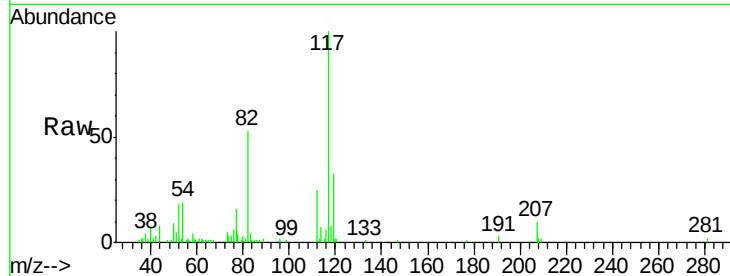
#65
Chlorobenzene
Concen: 0.238 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:112 Resp: 2315
Ion Ratio Lower Upper
112 100
114 26.3 25.7 38.5

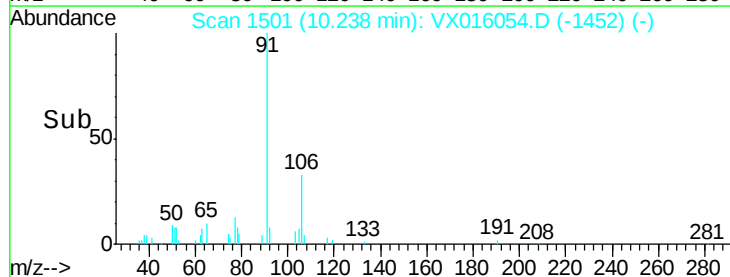
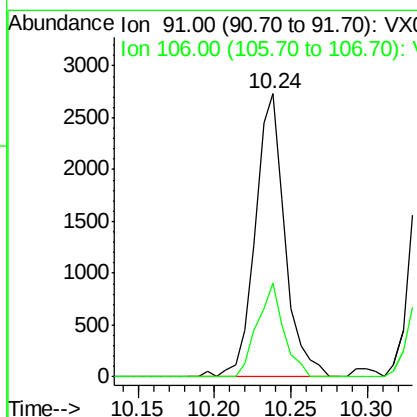
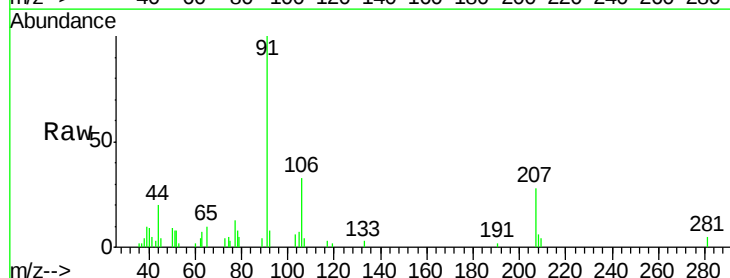
Manual Integrations
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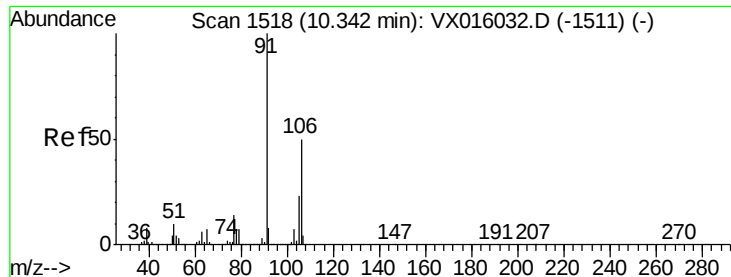
MMDadoda
5/6/2020 12:27:05 PM



#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 91 Resp: 3697
Ion Ratio Lower Upper
91 100
106 33.2 25.1 37.7





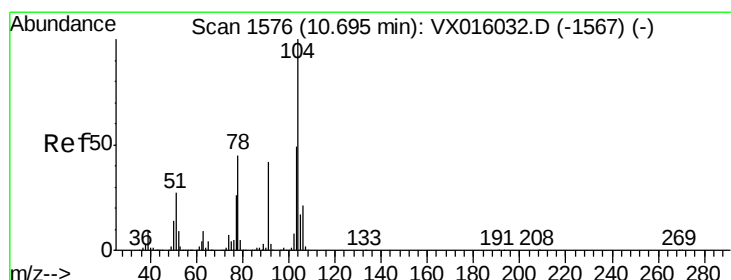
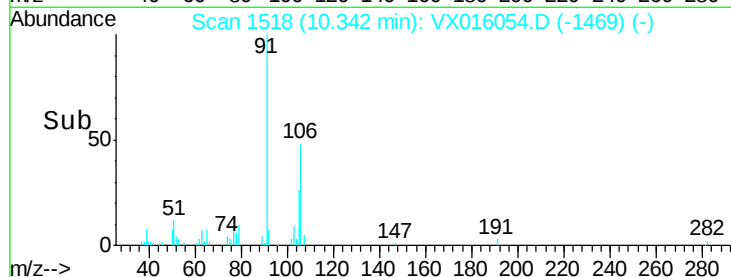
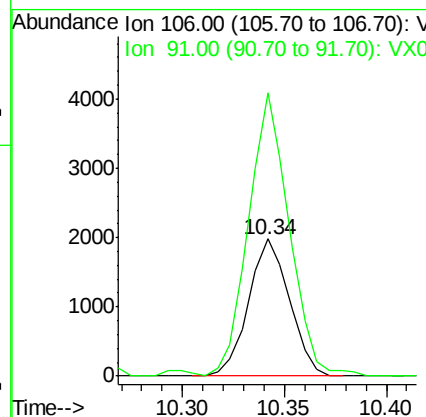
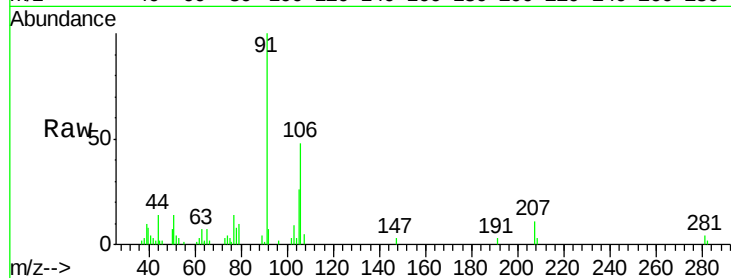
#68
m/p-Xvlenes
Concen: 0.425 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.4	161.7	242.5

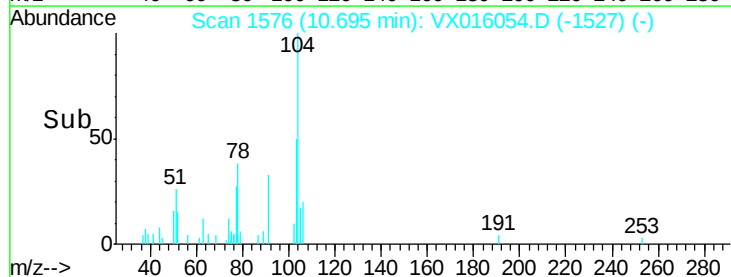
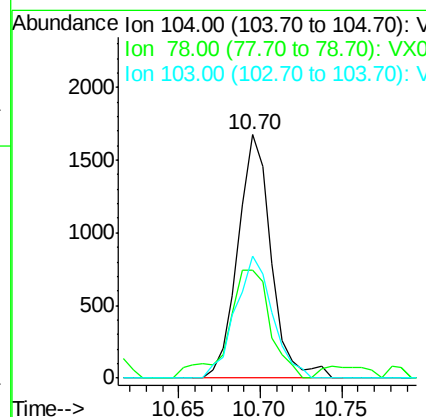
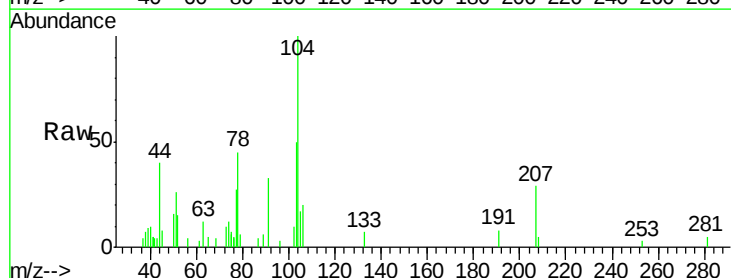
Manual Integrations
APPROVED

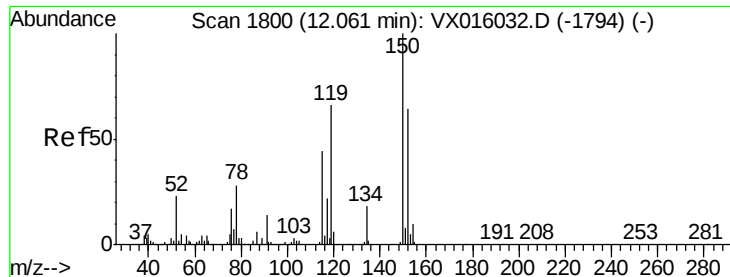
MMDadoda
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#70
Styrene
Concen: 0.225 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.2	40.2	60.2
103	56.1	43.0	64.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:152 Resp: 228708

Ion Ratio Lower Upper

152 100

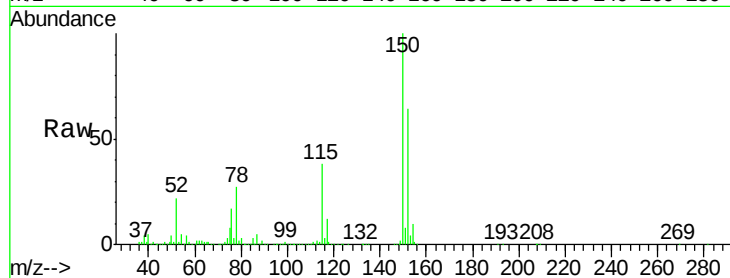
115 58.4 41.3 124.1

150 155.2 0.0 352.2

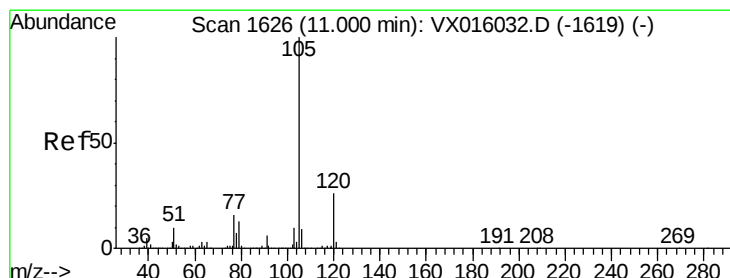
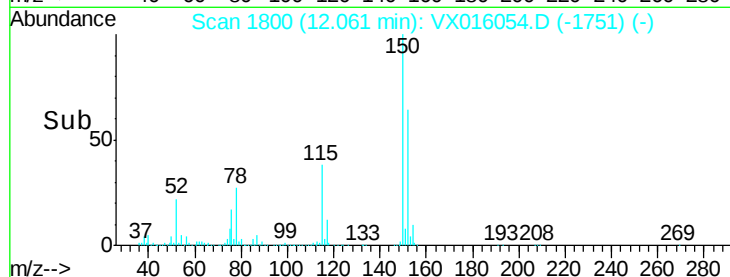
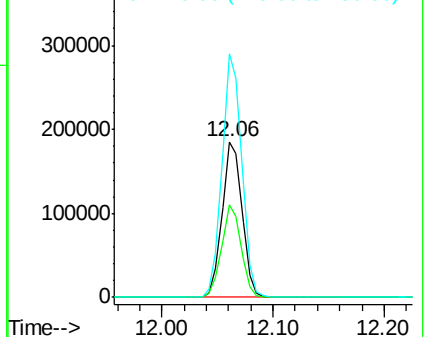
Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.217 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016054.D

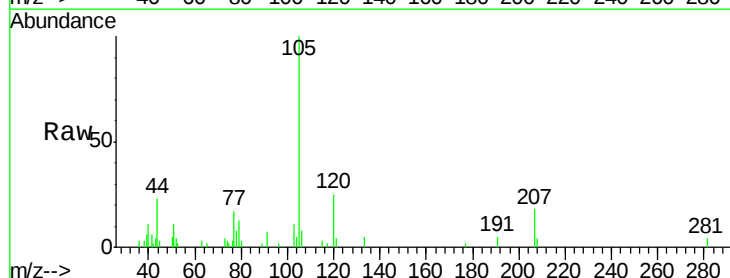
Acq: 05 May 2020 11:33

Tgt Ion:105 Resp: 3604

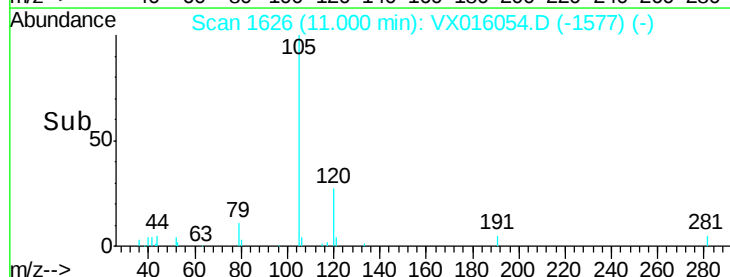
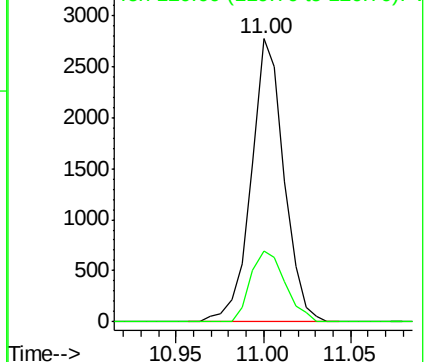
Ion Ratio Lower Upper

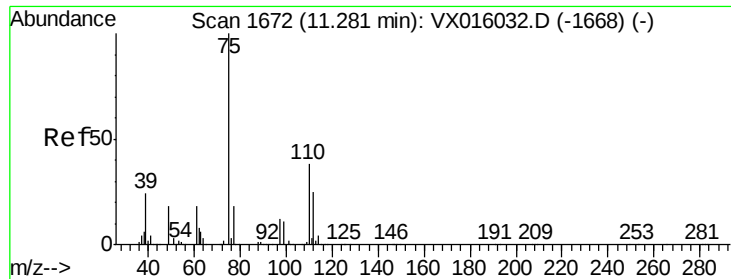
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 0.220 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 75 Resp: 1144

Ion Ratio Lower Upper

75 100

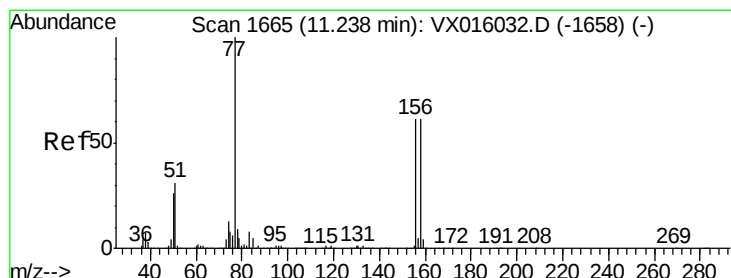
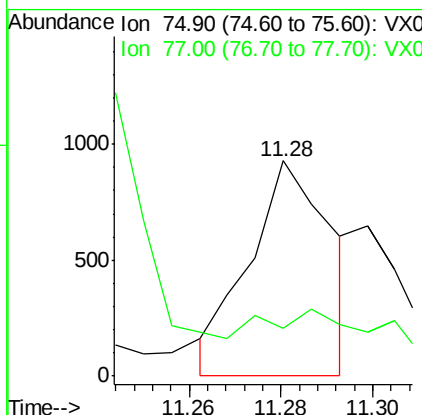
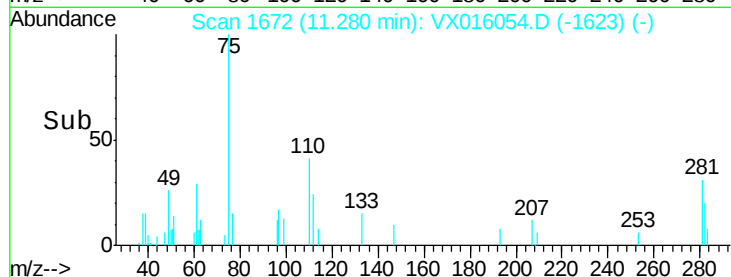
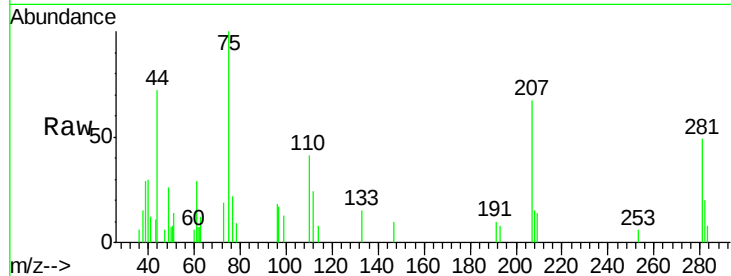
77 116.5 21.2 63.6#

Manual Integrations

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#77

Bromobenzene

Concen: 0.232 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

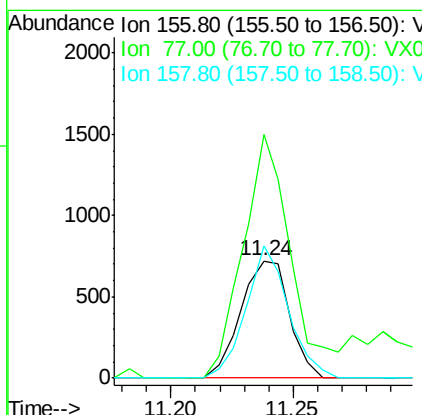
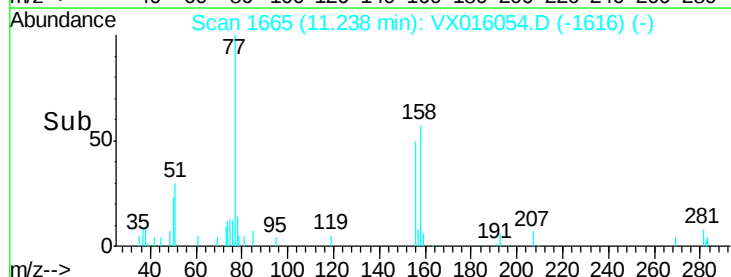
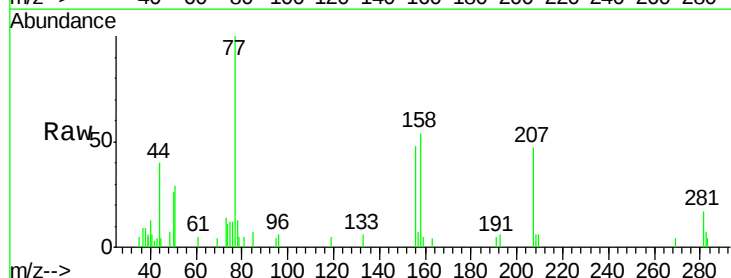
Tgt Ion: 156 Resp: 998

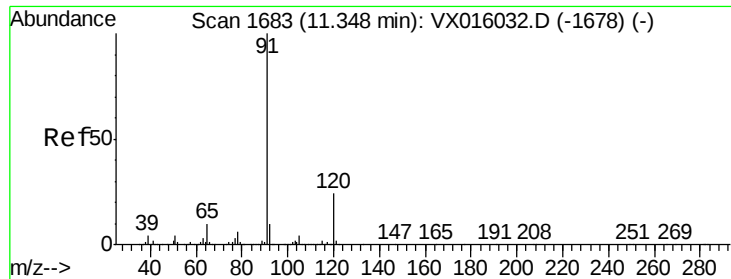
Ion Ratio Lower Upper

156 100

77 205.1 80.1 240.3

158 98.5 49.4 148.2





#78

n-propylbenzene

Concen: 0.226 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 91 Resp: 4366

Ion Ratio Lower Upper

91 100

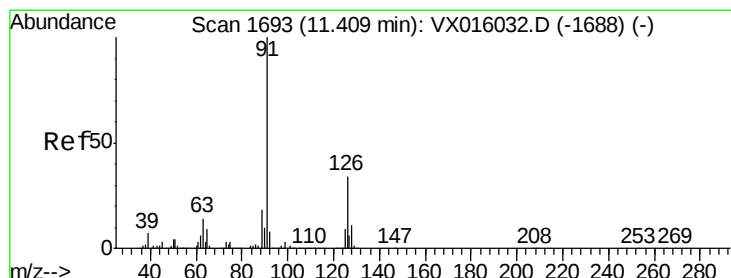
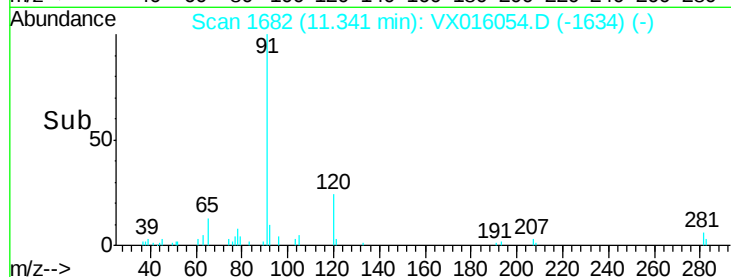
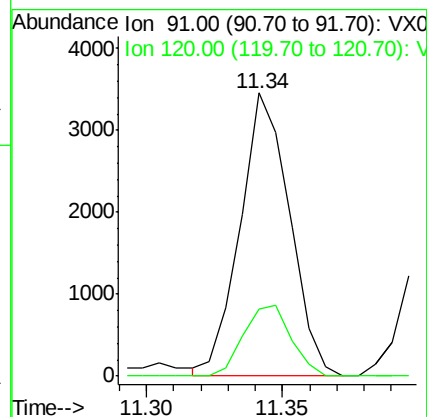
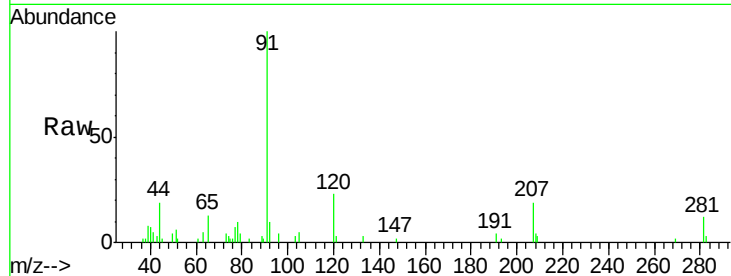
120 23.8 11.5 34.5

Manual Integrations

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#79

2-Chlorotoluene

Concen: 0.222 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016054.D

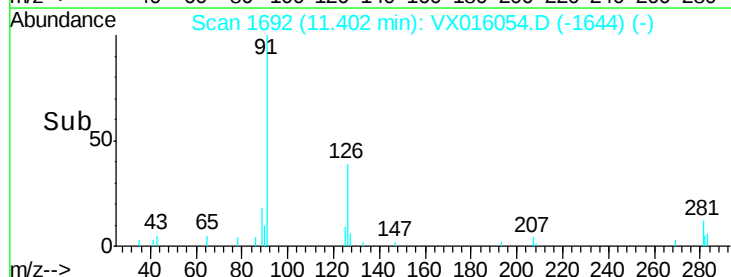
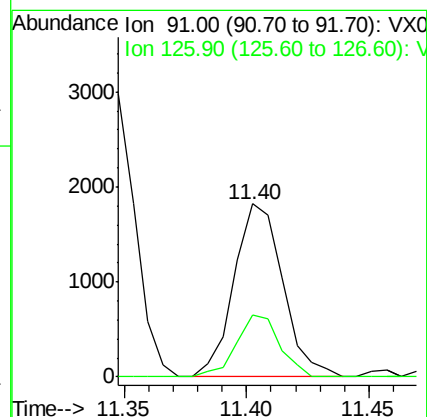
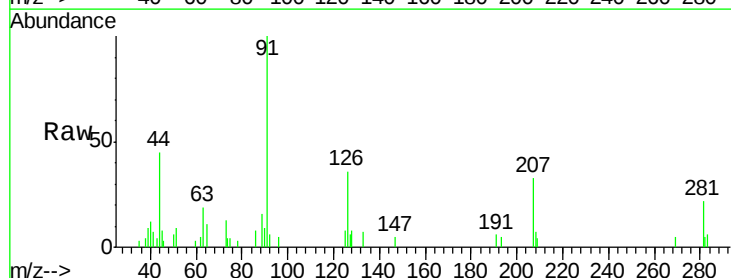
Acq: 05 May 2020 11:33

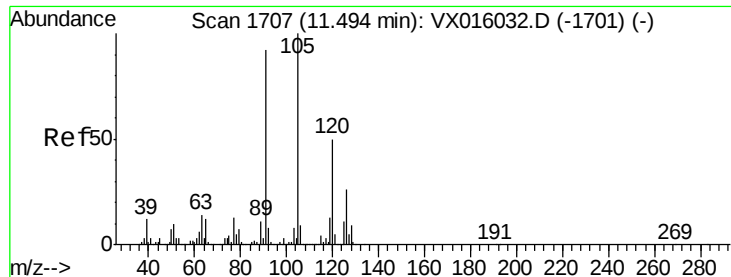
Tgt Ion: 91 Resp: 2536

Ion Ratio Lower Upper

91 100

126 31.8 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 0.213 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 105 Resp: 2990

Ion Ratio Lower Upper

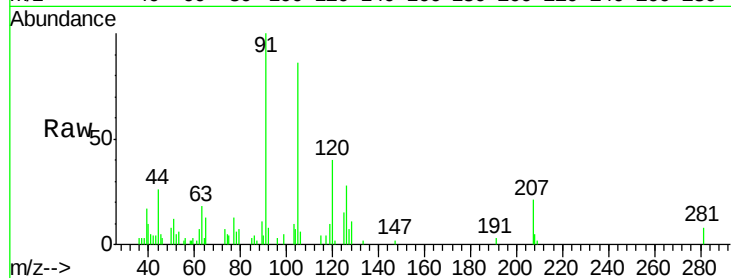
105 100

120 49.0 24.6 74.0

Manual Integrations
APPROVED

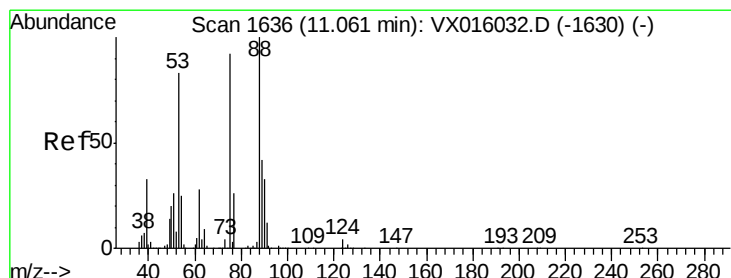
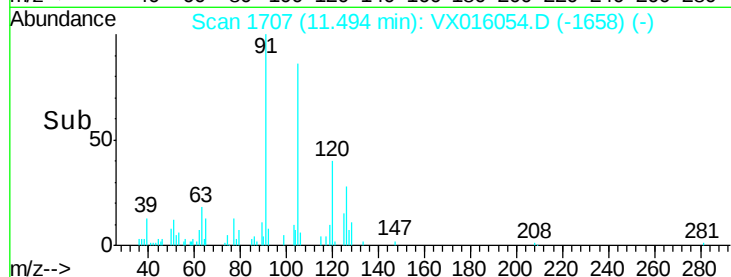
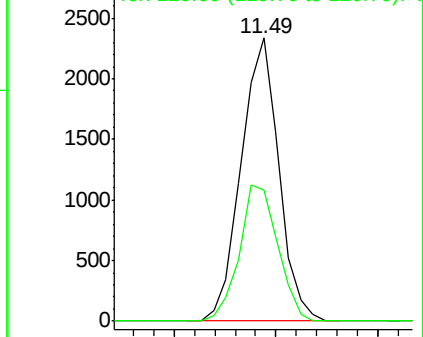
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 0.253 ug/l m

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

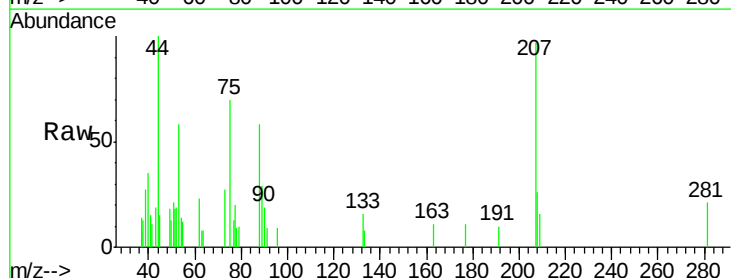
Tgt Ion: 75 Resp: 552

Ion Ratio Lower Upper

75 100

53 13.4 73.1 109.7#

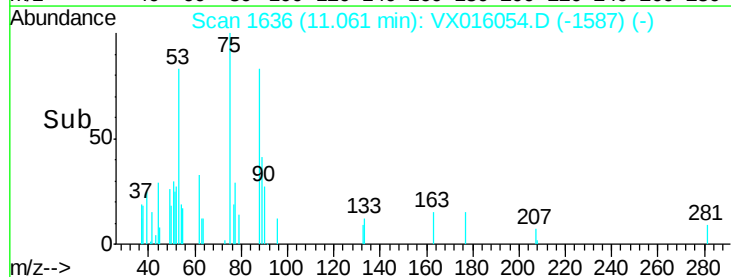
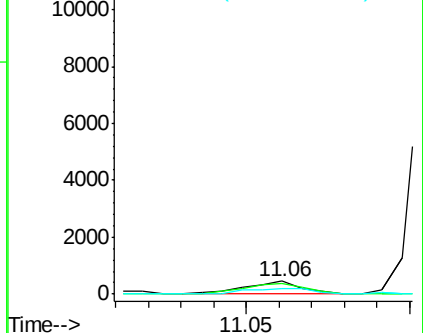
89 0.0 36.7 55.1#

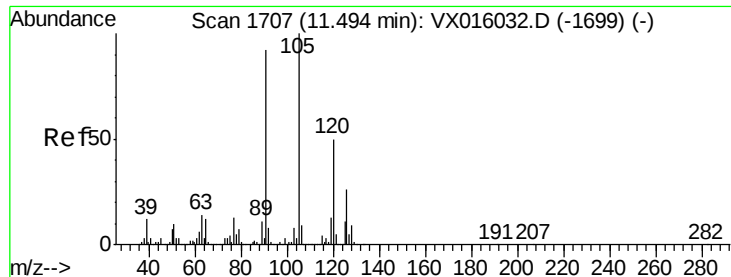


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





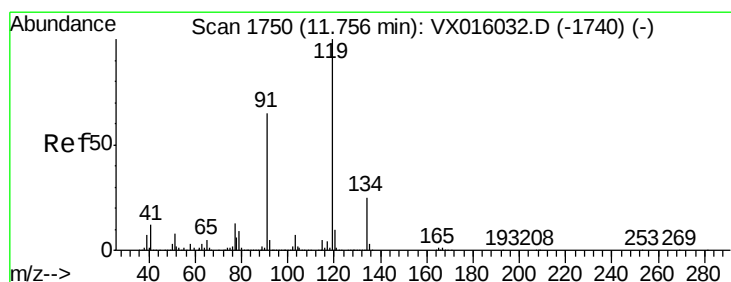
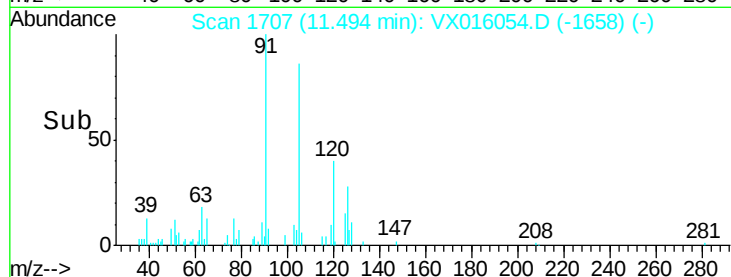
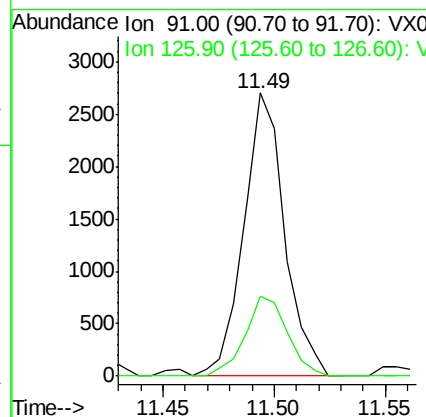
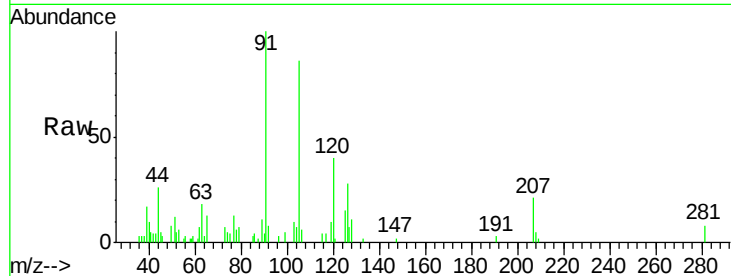
#82
4-Chlorotoluene
Concen: 0.256 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	3452		
126	29.3	14.8	44.3	

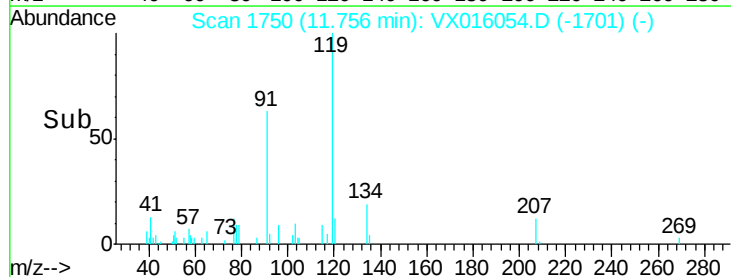
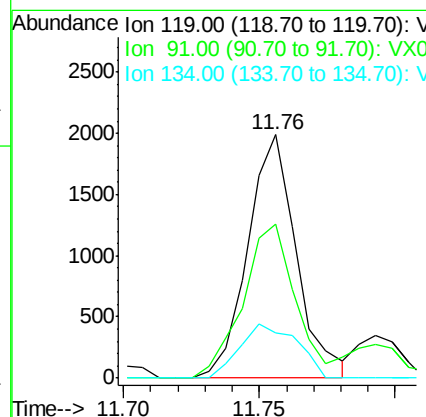
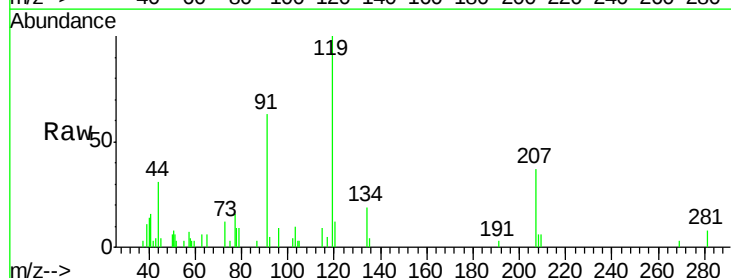
Manual Integrations
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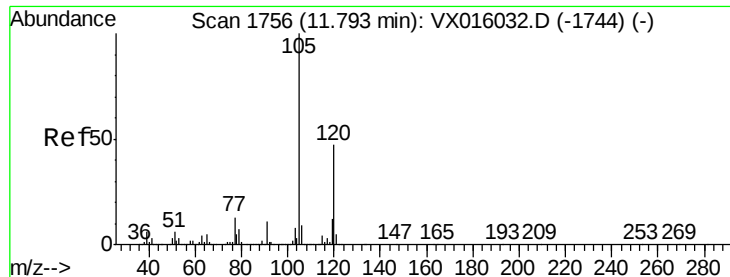
MMDadoda
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#83
tert-Butylbenzene
Concen: 0.204 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	2464		
91	67.5	32.8	98.4	
134	26.0	12.4	37.0	





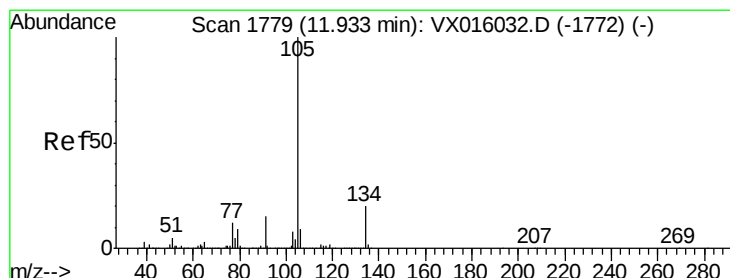
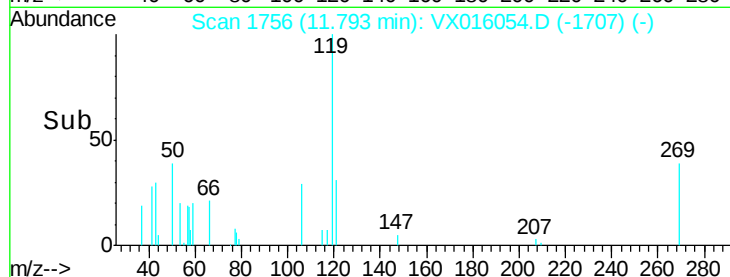
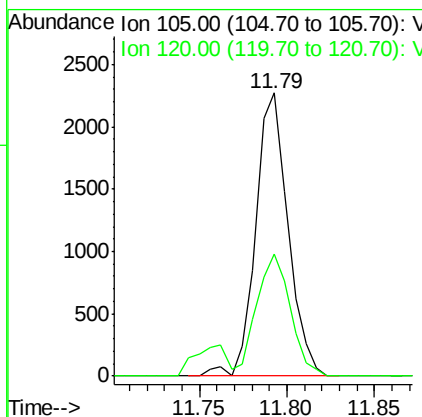
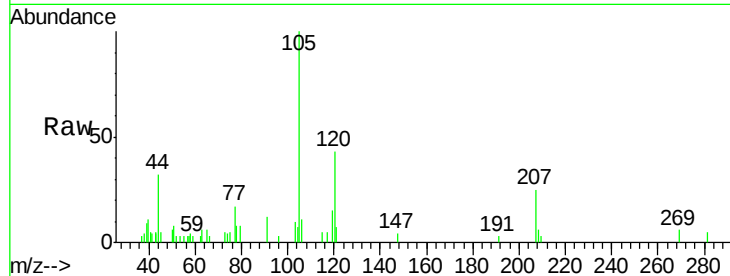
#84
1,2,4-Trimethylbenzene
Concen: 0.205 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	69.0

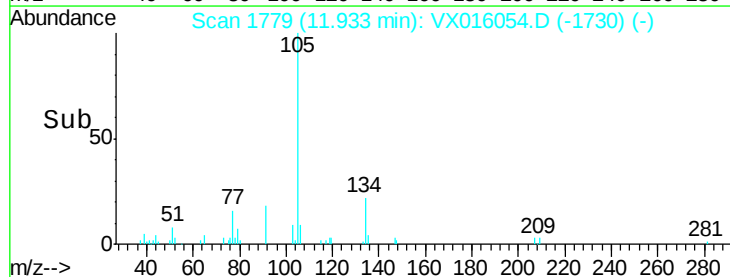
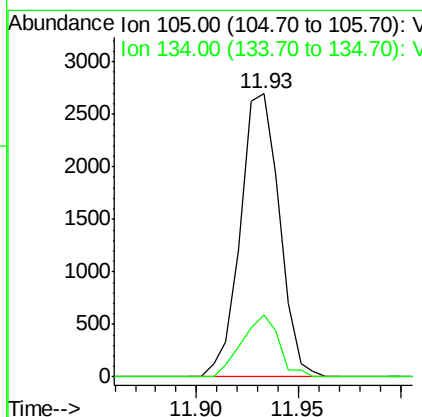
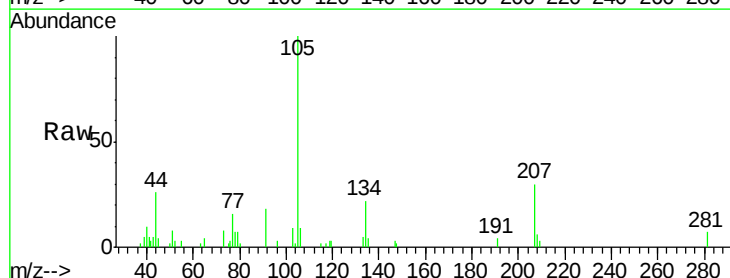
Manual Integrations
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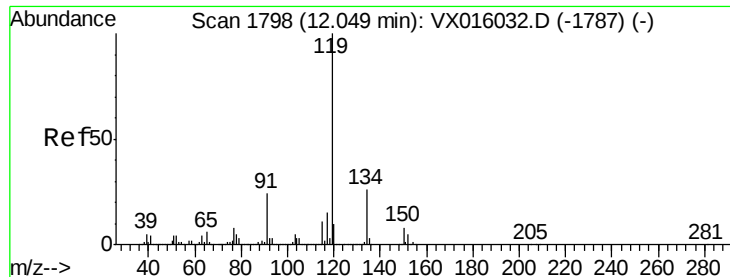
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#85
sec-Butylbenzene
Concen: 0.219 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.1	30.3





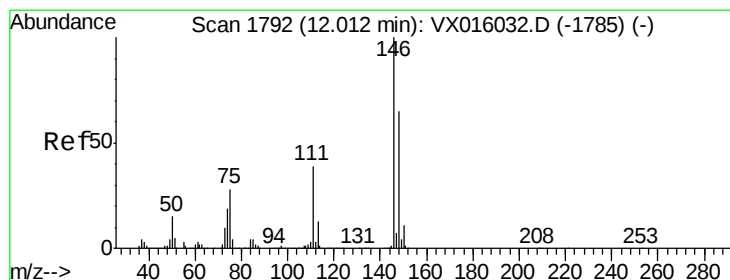
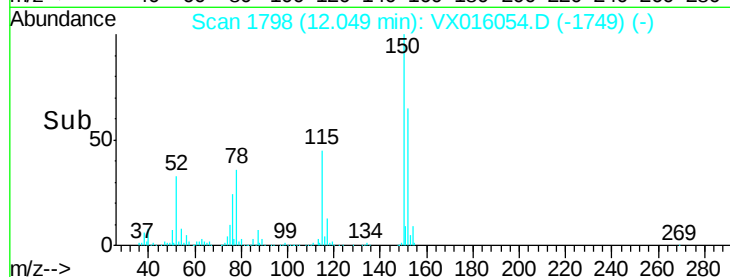
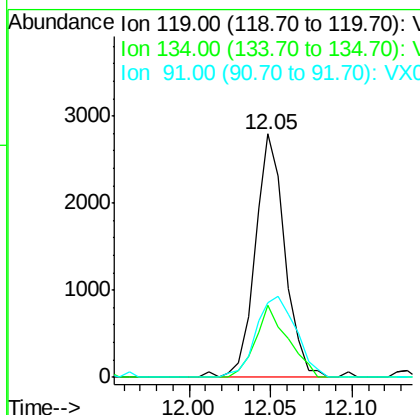
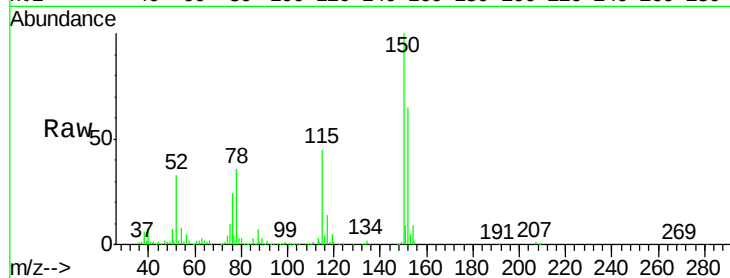
#86
p-Isopropyltoluene
Concen: 0.232 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	3527		
134	32.2		13.1	39.3
91	44.8		11.8	35.4

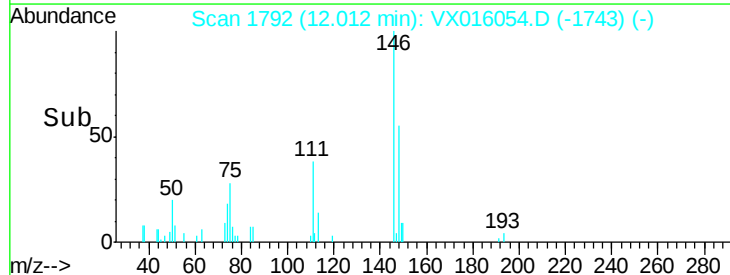
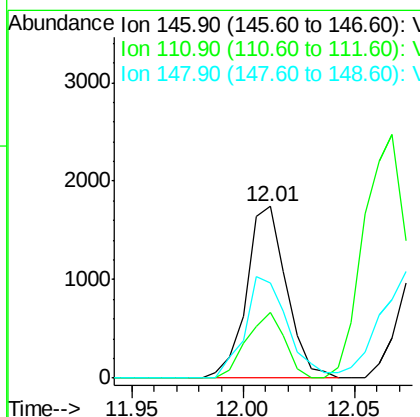
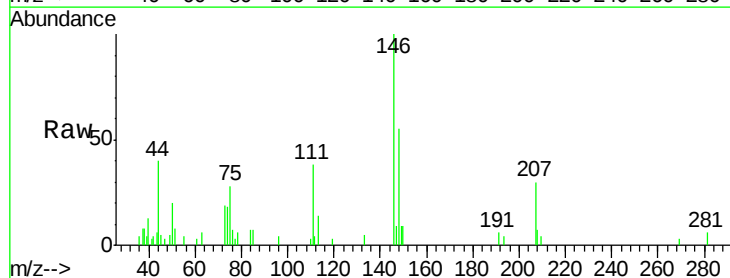
Manual Integrations
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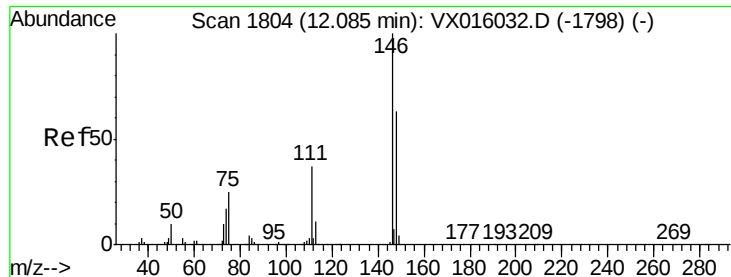
MMDadoda
5/6/2020 12:27:05 PM



#87
1,3-Dichlorobenzene
Concen: 0.283 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	2184		
111	36.3		20.2	60.6
148	63.4		32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 0.319 ug/l m

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

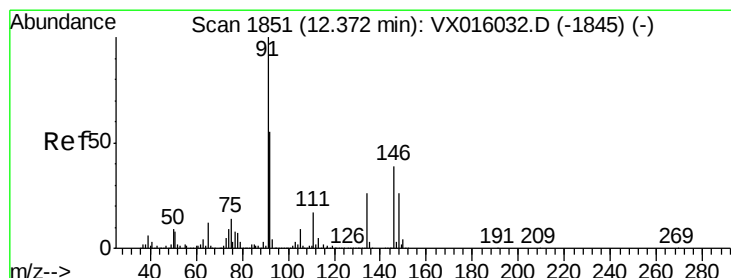
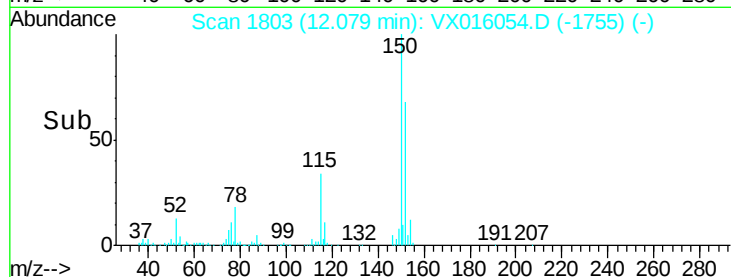
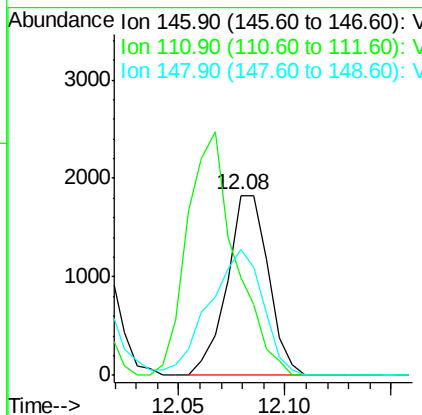
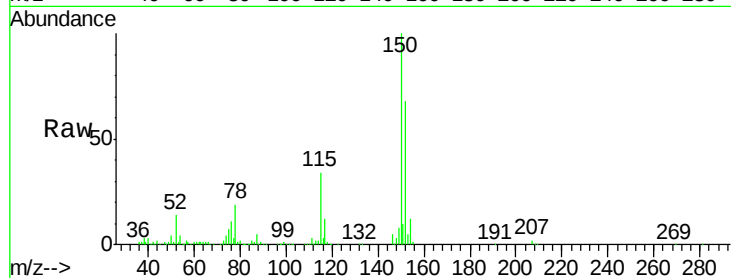
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	146	Resp:	2500
Ion Ratio	Lower	Upper	
146	100		
111	31.7	19.6	58.7
148	55.4	31.8	95.3

Manual Integrations
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#89

n-Butylbenzene

Concen: 0.276 ug/l

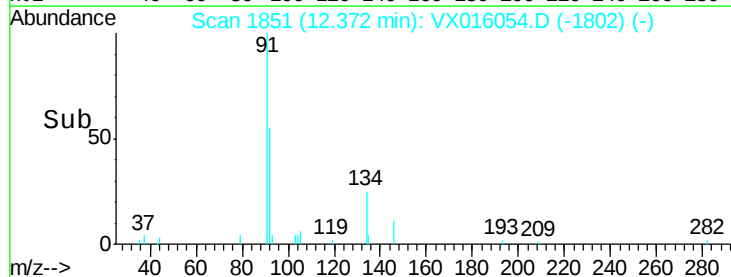
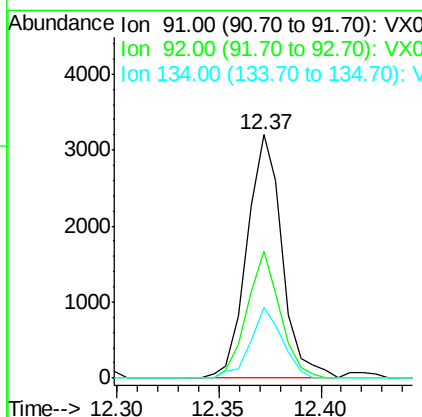
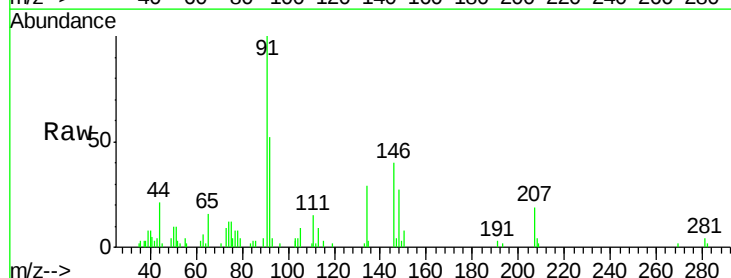
RT: 12.37 min Scan# 1851

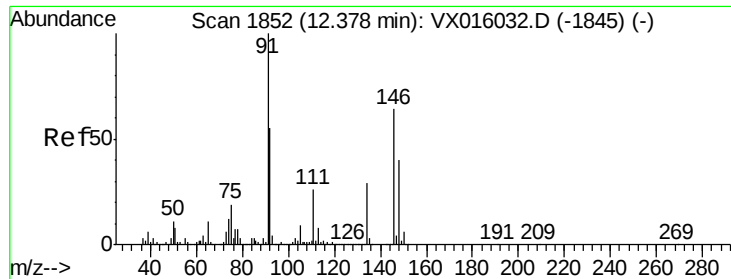
Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion:	91	Resp:	3830
Ion Ratio	Lower	Upper	
91	100		
92	49.2	27.6	82.7
134	26.4	13.4	40.1





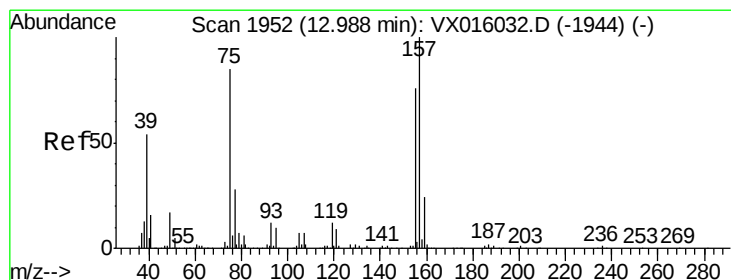
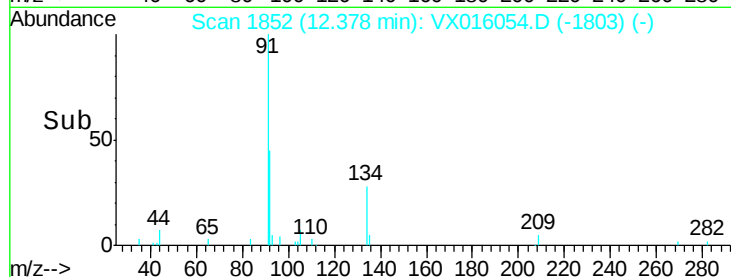
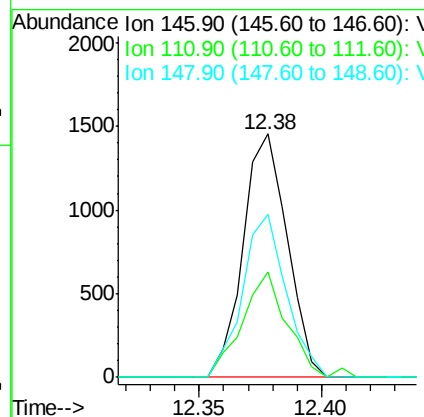
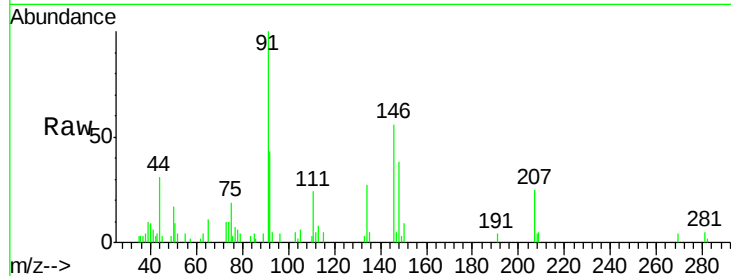
#91
 1,2-Dichlorobenzene
 Concen: 0.246 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.1
148	66.6	32.4	97.0

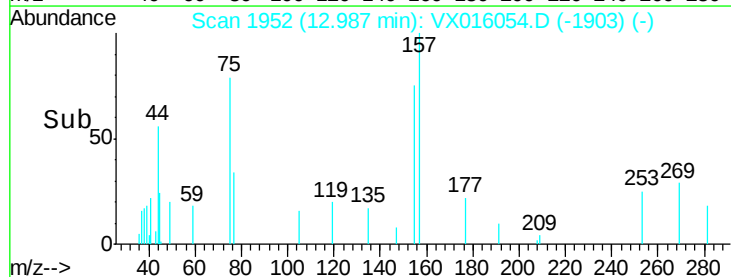
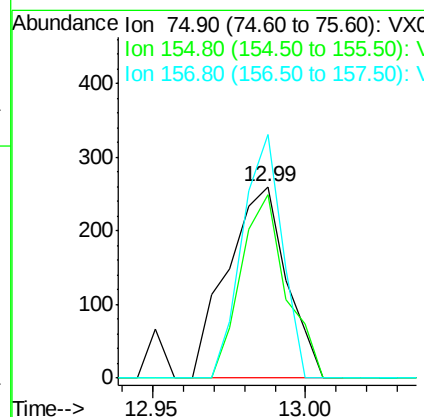
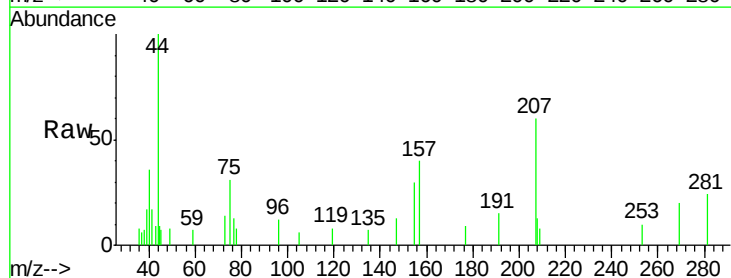
Manual Integrations
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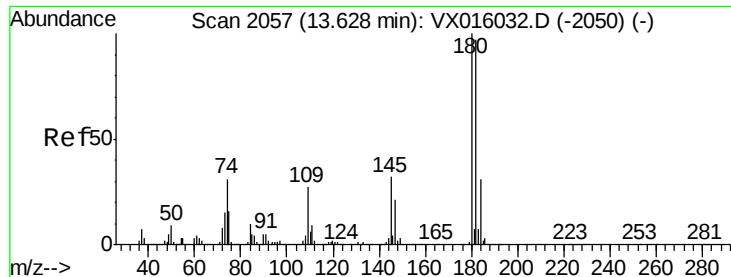
MMDadoda
 5/6/2020 12:27:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.254 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	42.5	127.5
157	85.6	55.3	165.8





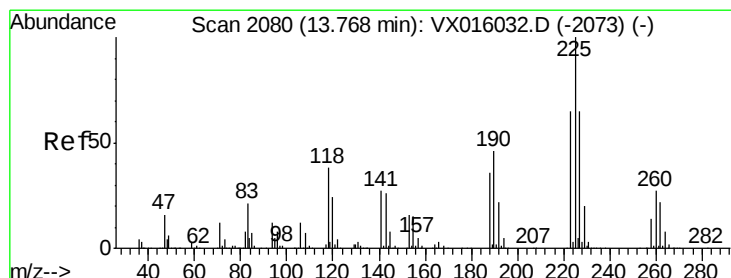
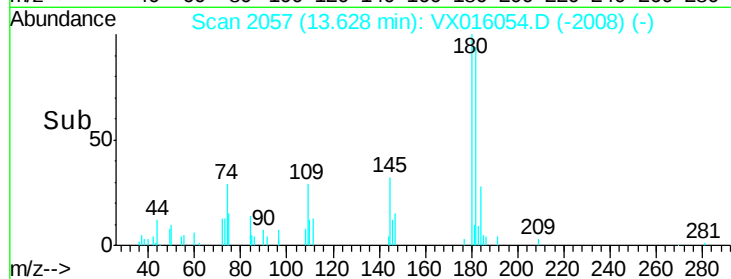
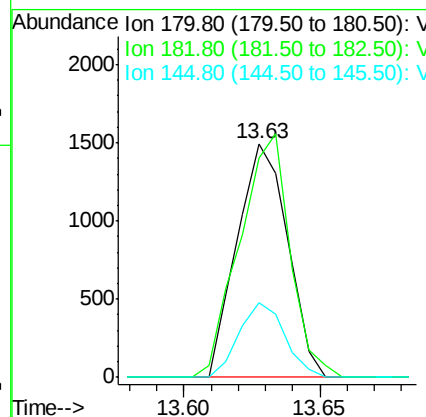
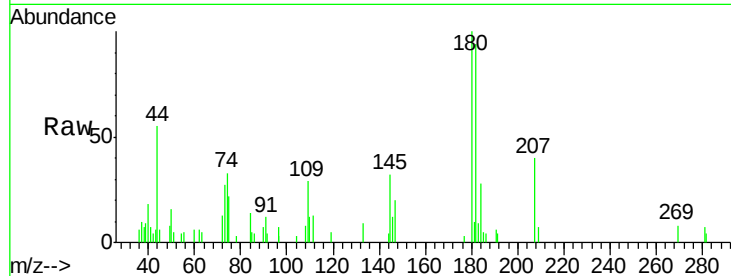
#93
 1,2,4-Trichlorobenzene
 Concen: 0.350 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.8	48.7	146.1
145	29.0	15.7	47.1

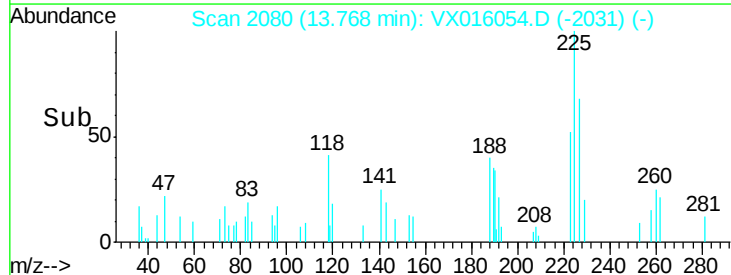
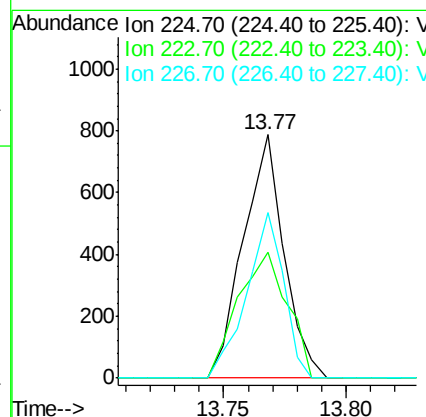
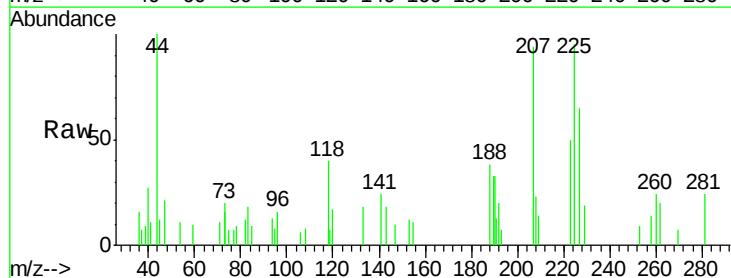
Manual Integrations
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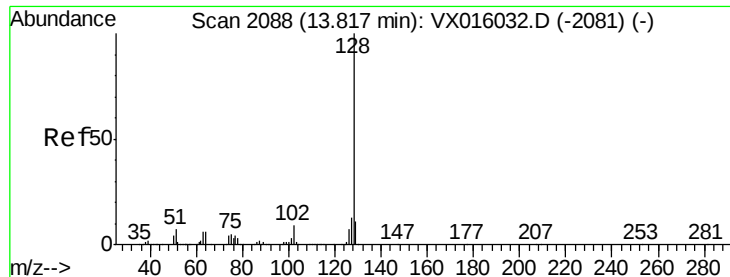
MMDadoda
 5/6/2020 12:27:05 PM



#94
 Hexachlorobutadiene
 Concen: 0.360 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.3	96.9
227	61.8	31.8	95.4





#95

Naphthalene

Concen: 0.316 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

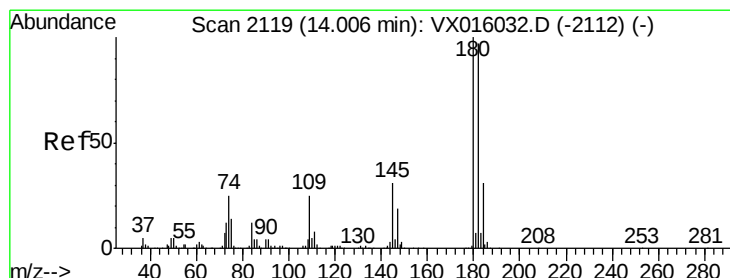
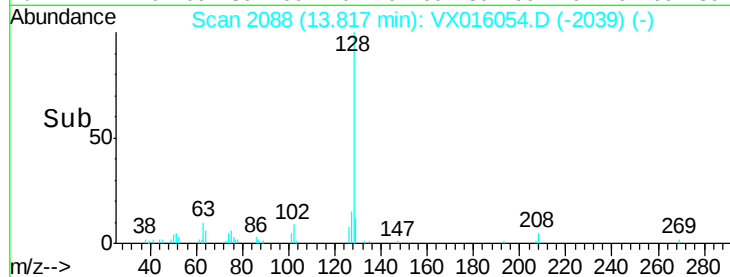
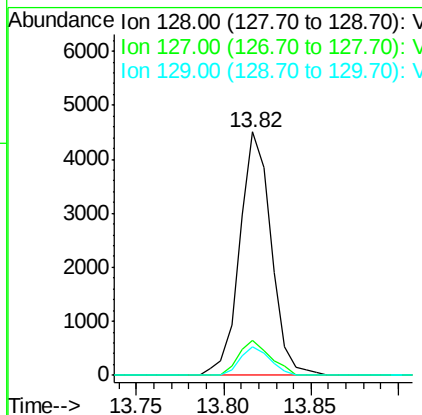
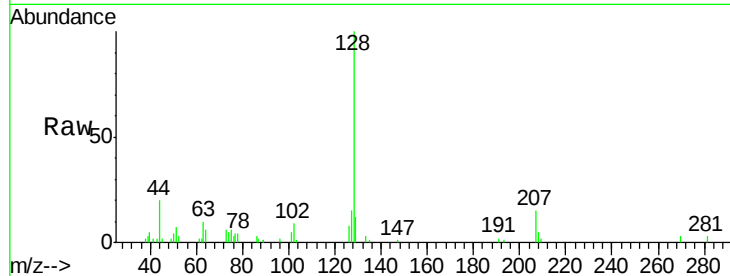
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	128	Resp:	5631
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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5/6/2020 12:27:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 0.362 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion:	180	Resp:	1945
Ion Ratio	Lower	Upper	
180	100		
182	92.1	48.4	145.0
145	32.4	16.4	49.1

