

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016057.D
 Acq On : 05 May 2020 12:41
 Operator : JC/SP
 Sample : L2182-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 5/6/2020 12:27:19 PM

Quant Time: May 06 06:37:17 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	5.63	168	313323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	495860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186970	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	5.47	113	140828	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	8.70	98	554678	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.12	95	204724	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	7287	2.197	ug/l	98
3) Chloromethane	1.31	50	8748	2.271	ug/l	95
4) Vinyl Chloride	1.39	62	9499	2.312	ug/l	100
5) Bromomethane	1.63	94	6895	3.328	ug/l	98
6) Chloroethane	1.71	64	6397	2.559	ug/l	96
7) Trichlorofluoromethane	1.92	101	12977	2.406	ug/l	99
8) Diethyl Ether	2.17	74	5520	2.428	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7598	2.441	ug/l	98
10) Methyl Iodide	2.49	142	7847	1.877	ug/l	99
11) Tert butyl alcohol	3.01	59	12008	11.517	ug/l	96
12) 1,1-Dichloroethene	2.35	96	7869	2.416	ug/l	96
13) Acrolein	2.28	56	6990	10.714	ug/l	94
14) Allyl chloride	2.71	41	14104	2.362	ug/l	98
15) Acrylonitrile	3.12	53	24527	11.340	ug/l	99
16) Acetone	2.42	43	21843	11.873	ug/l	97
17) Carbon Disulfide	2.55	76	24854	2.242	ug/l	96
18) Methyl Acetate	2.75	43	10515	2.325	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	26170	2.331	ug/l	97
20) Methylene Chloride	2.84	84	8991	2.371	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	9145	2.520	ug/l	88
22) Diisopropyl ether	3.82	45	26625	2.363	ug/l	99
23) Vinyl Acetate	3.79	43	109593	11.057	ug/l	99
24) 1,1-Dichloroethane	3.67	63	15090	2.394	ug/l	98
25) 2-Butanone	4.64	43	33627	11.344	ug/l	97
26) 2,2-Dichloropropane	4.55	77	13286	2.308	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	9083	2.289	ug/l	95
28) Bromochloromethane	4.98	49	6691	2.328	ug/l	99
29) Tetrahydrofuran	5.09	42	22270	11.338	ug/l	99
30) Chloroform	5.18	83	14831	2.363	ug/l	92
31) Cyclohexane	5.56	56	13539	2.364	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	13421	2.353	ug/l	97
36) 1,1-Dichloropropene	5.77	75	11363	2.328	ug/l	98
37) Ethyl Acetate	4.79	43	13274	2.346	ug/l	98
38) Carbon Tetrachloride	5.76	117	11687	2.356	ug/l	97

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 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)
39) Methylcyclohexane	7.44	83	13878	2.361	ug/l	93
40) Benzene	6.12	78	34050	2.384	ug/l	99
41) Methacrylonitrile	5.01	41	6937	2.271	ug/l	97
42) 1,2-Dichloroethane	6.17	62	12786	2.485	ug/l	99
43) Isopropyl Acetate	6.42	43	21271	2.357	ug/l	98
44) Trichloroethene	7.19	130	12247	2.414	ug/l	99
45) 1,2-Dichloropropane	7.49	63	8580	2.374	ug/l	97
46) Dibromomethane	7.64	93	5830	2.374	ug/l	98
47) Bromodichloromethane	7.88	83	11324	2.264	ug/l	95
48) Methyl methacrylate	7.74	41	9096	2.127	ug/l	92
49) 1,4-Dioxane	7.71	88	4780	46.598	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	61205	11.081	ug/l	99
52) Toluene	8.77	92	21161	2.377	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	13552	2.273	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	13999	2.247	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	8291	2.367	ug/l	94
56) Ethyl methacrylate	9.16	69	12356	2.161	ug/l	96
57) 1,3-Dichloropropane	9.35	76	14170	2.319	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	32581	10.705	ug/l	99
59) 2-Hexanone	9.48	43	47076	10.852	ug/l	98
60) Dibromochloromethane	9.57	129	8323	2.158	ug/l	100
61) 1,2-Dibromoethane	9.65	107	8841	2.330	ug/l	99
64) Tetrachloroethene	9.32	164	13925	2.488	ug/l	96
65) Chlorobenzene	10.12	112	22366	2.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	7957	2.256	ug/l	96
67) Ethyl Benzene	10.24	91	38871	2.283	ug/l	98
68) m/p-Xylenes	10.34	106	29108	4.562	ug/l	100
69) o-Xylene	10.68	106	14016	2.285	ug/l	96
70) Styrene	10.69	104	22165	2.130	ug/l	96
71) Bromoform	10.84	173	5882	2.047	ug/l #	99
73) Isopropylbenzene	11.01	105	37326	2.336	ug/l	99
74) N-amyl acetate	10.88	43	16079	2.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	6167	2.189	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	11524m	2.312	ug/l	
77) Bromobenzene	11.24	156	9627	2.335	ug/l	98
78) n-propylbenzene	11.35	91	43123	2.320	ug/l	99
79) 2-Chlorotoluene	11.41	91	25700	2.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	29355	2.176	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	4263	2.038	ug/l	89
82) 4-Chlorotoluene	11.49	91	29486	2.276	ug/l	98
83) tert-Butylbenzene	11.76	119	26078	2.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	30141	2.210	ug/l	100
85) sec-Butylbenzene	11.93	105	35023	2.232	ug/l	99
86) p-Isopropyltoluene	12.05	119	31522	2.163	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	16832	2.273	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	17514	2.331	ug/l	85
89) n-Butylbenzene	12.37	91	28485	2.140	ug/l	97
90) Hexachloroethane	12.58	117	5304	2.119	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	16431	2.305	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2945	2.242	ug/l	94

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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)
93) 1,2,4-Trichlorobenzene	13.63	180	11857	2.246	ug/l	93
94) Hexachlorobutadiene	13.77	225	5265	2.157	ug/l	97
95) Naphthalene	13.82	128	35959	2.104	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	11794	2.286	ug/l	95

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



#1

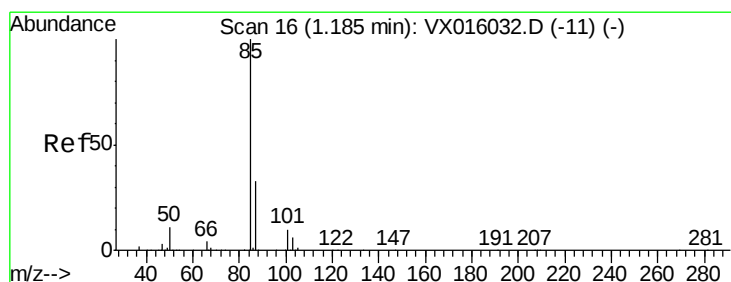
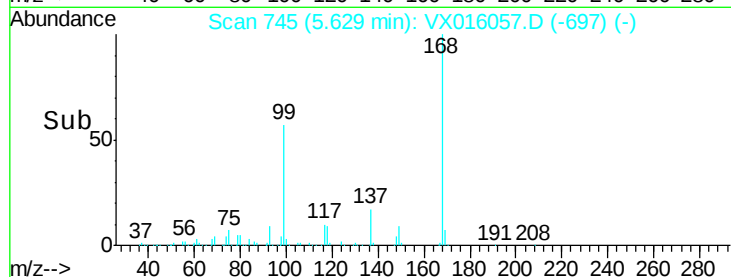
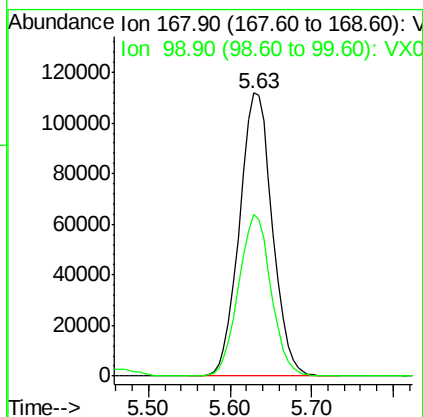
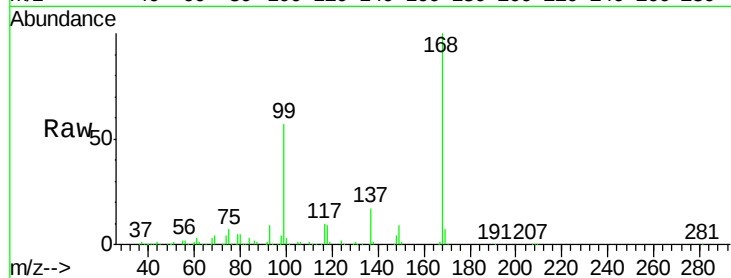
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.4	45.0	67.4

Manual Integrations
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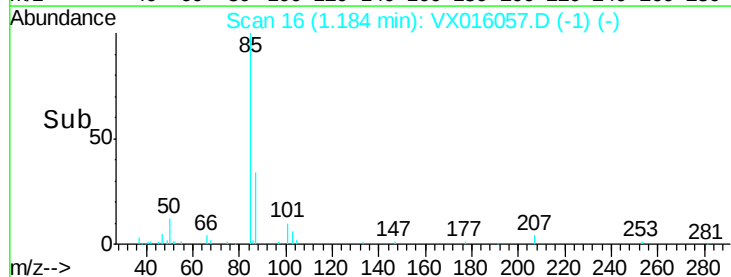
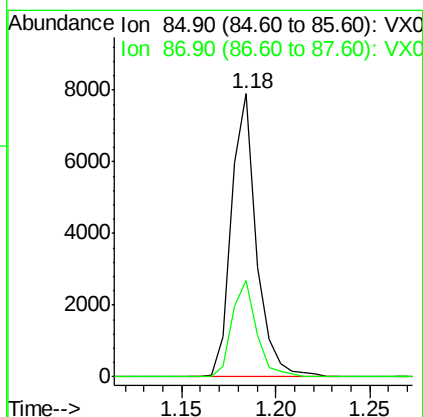
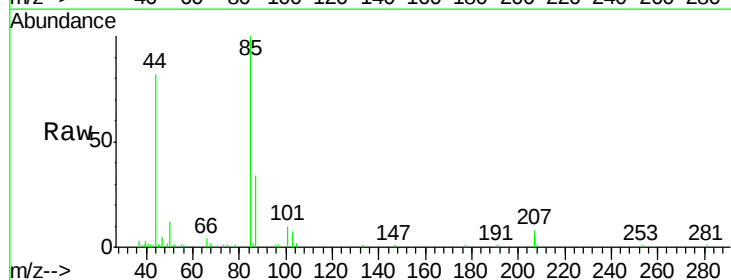
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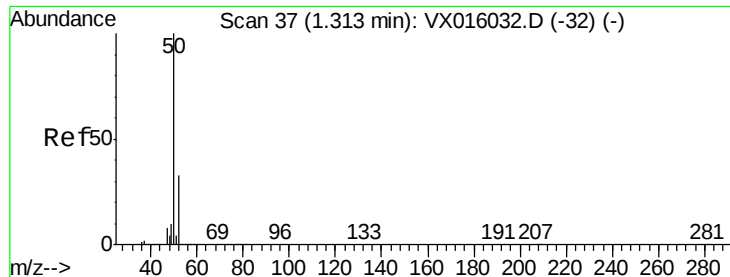


#2

Dichlorodifluoromethane
 Concen: 2.197 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.4	49.1





#3

Chloromethane

Concen: 2.271 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 50 Resp: 8748

Ion Ratio Lower Upper

50 100

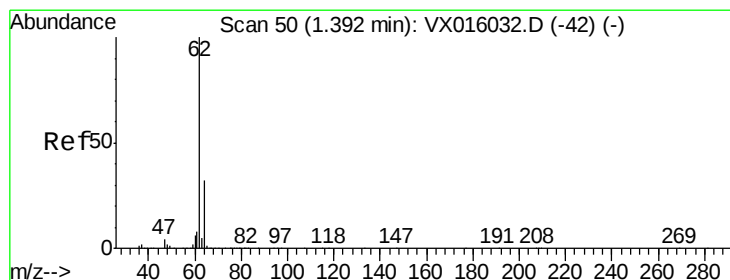
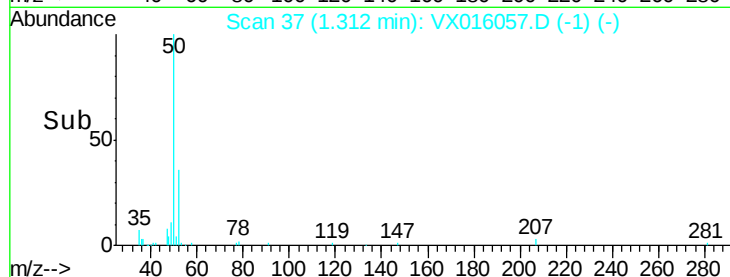
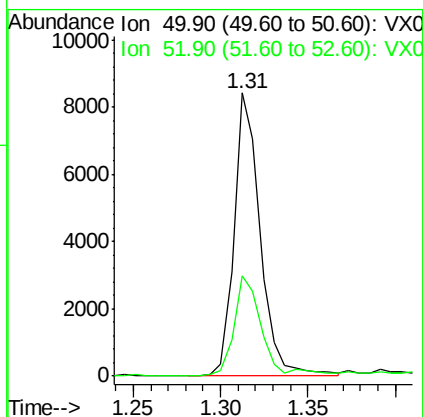
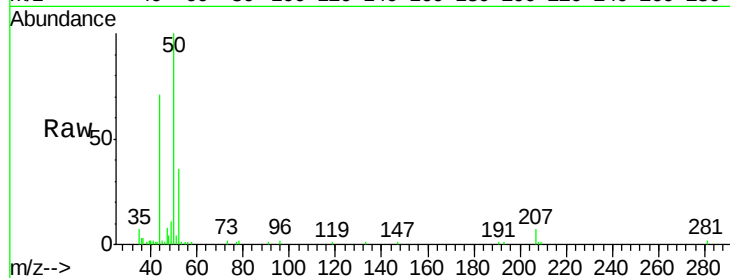
52 35.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 2.312 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016057.D

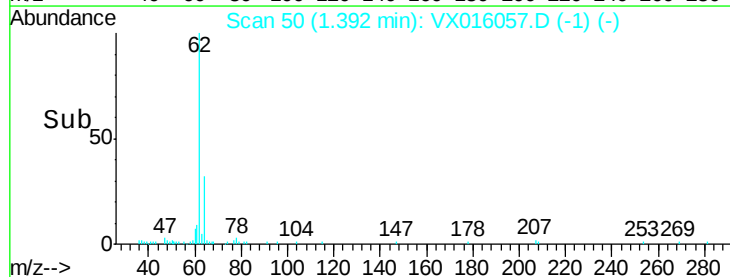
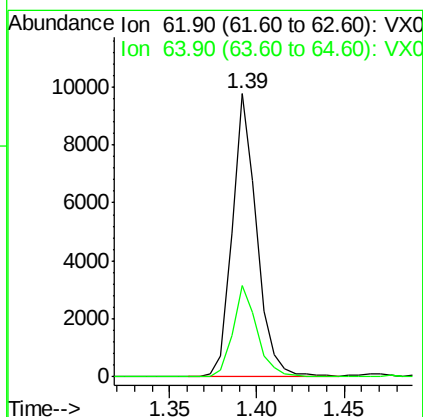
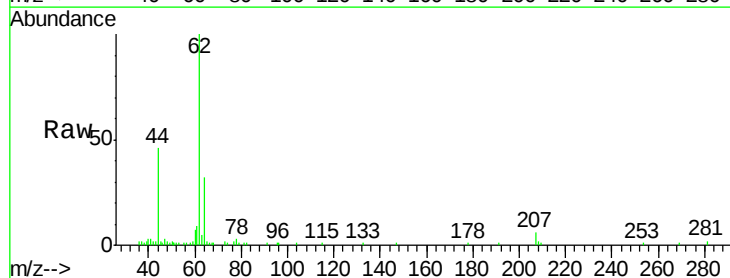
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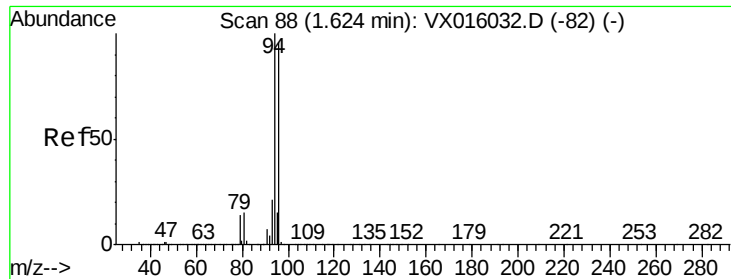
Tgt Ion: 62 Resp: 9499

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 3.328 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 94 Resp: 6895

Ion Ratio Lower Upper

94 100

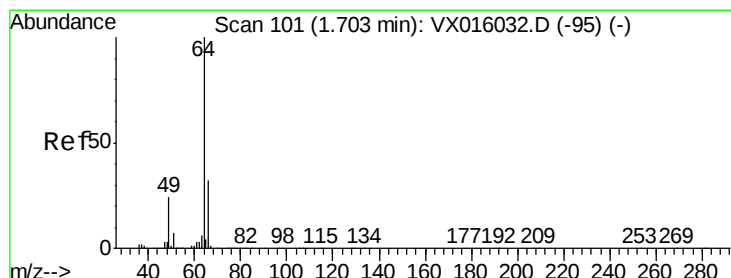
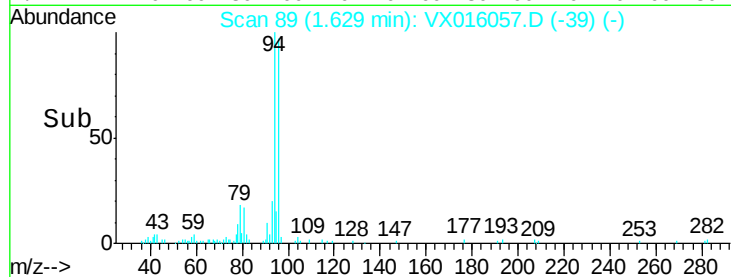
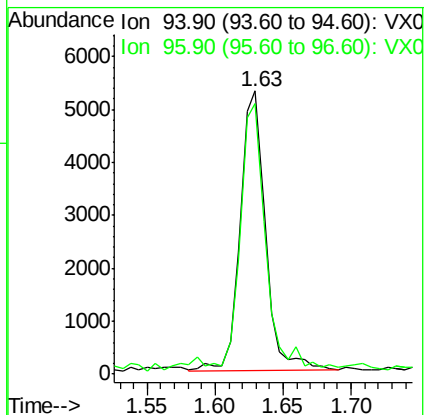
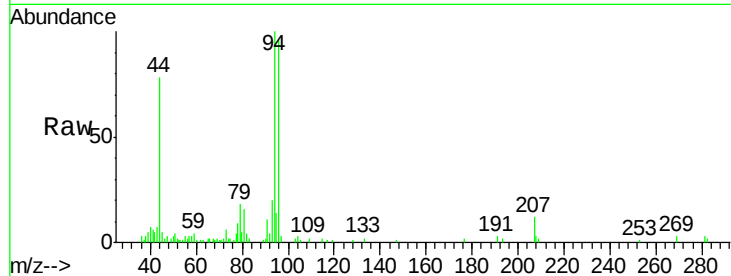
96 94.6 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 2.559 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016057.D

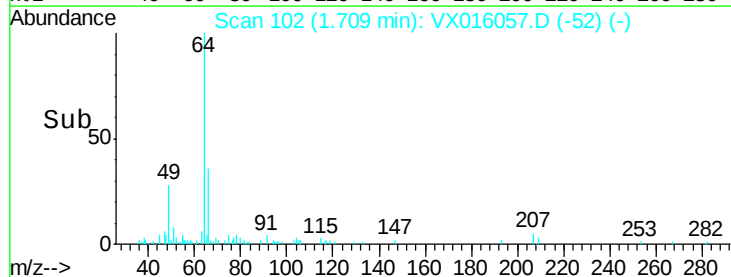
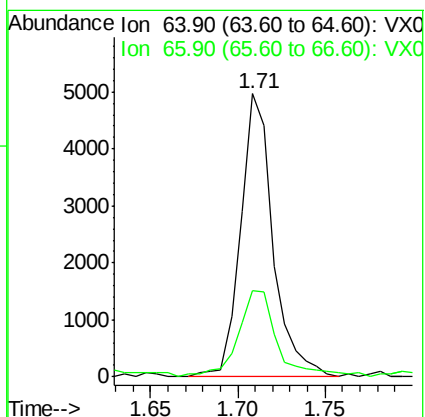
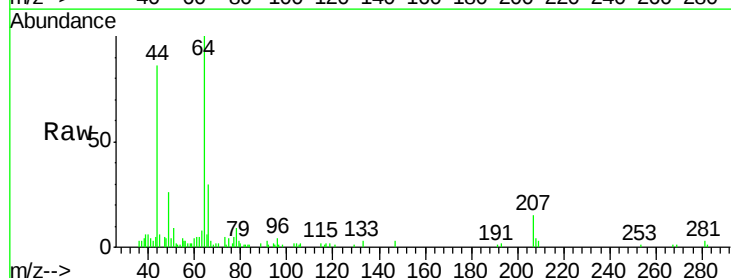
Acq: 05 May 2020 12:41

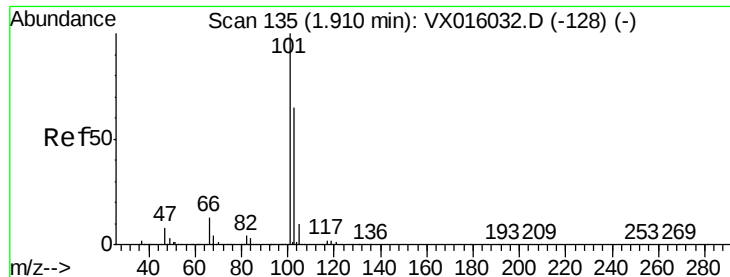
Tgt Ion: 64 Resp: 6397

Ion Ratio Lower Upper

64 100

66 29.1 25.2 37.8





#7

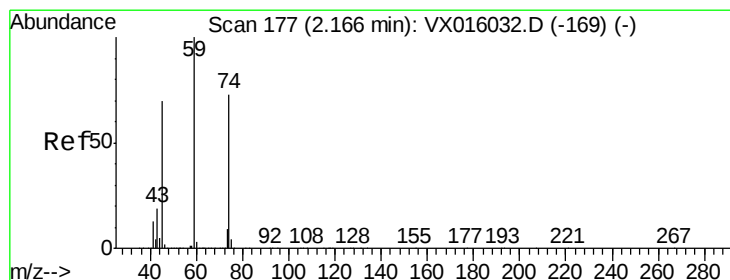
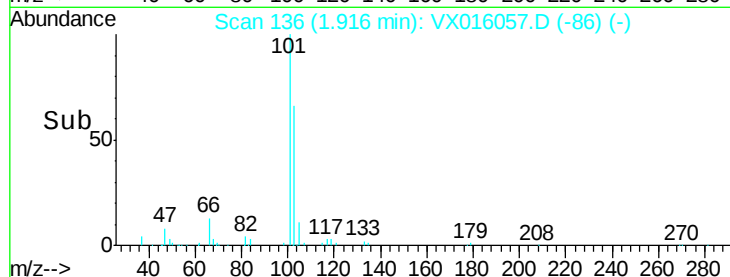
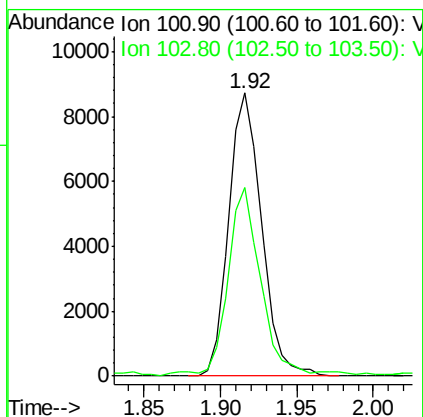
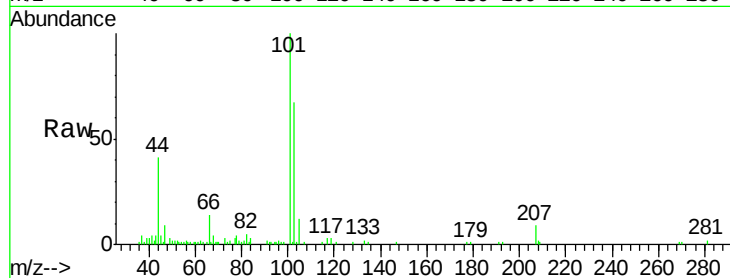
Trichlorofluoromethane
Concen: 2.406 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion:101 Resp: 12977
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

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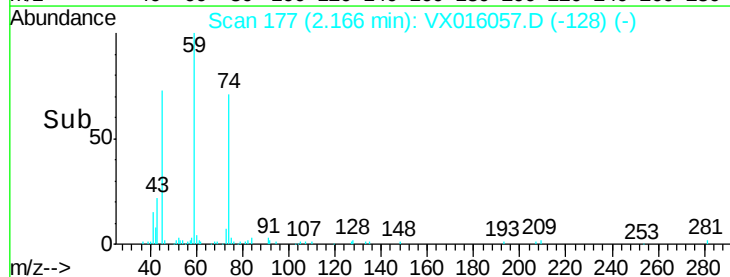
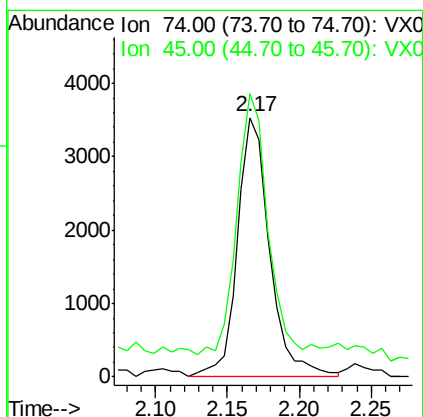
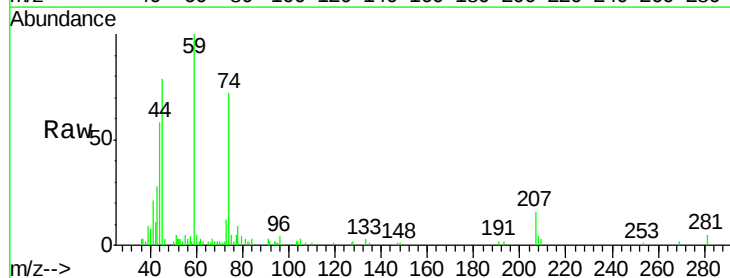
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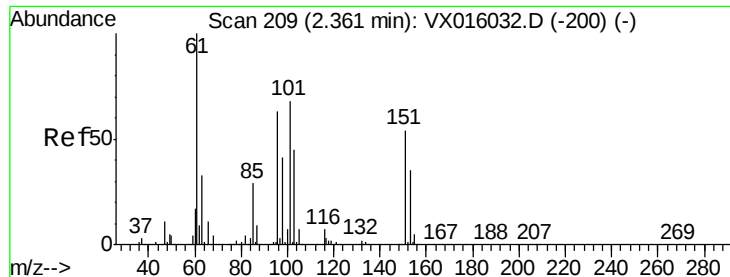


#8

Diethyl Ether
Concen: 2.428 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 74 Resp: 5520
Ion Ratio Lower Upper
74 100
45 94.4 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.441 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

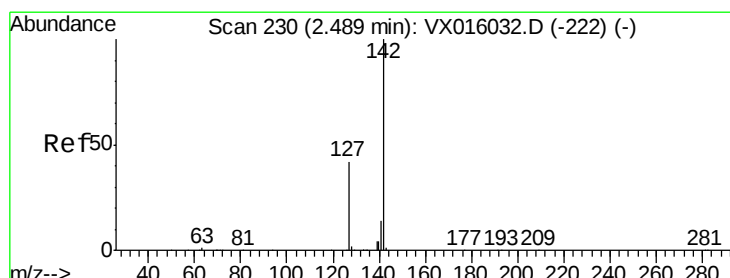
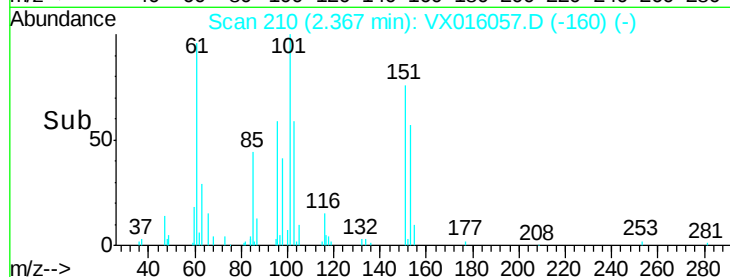
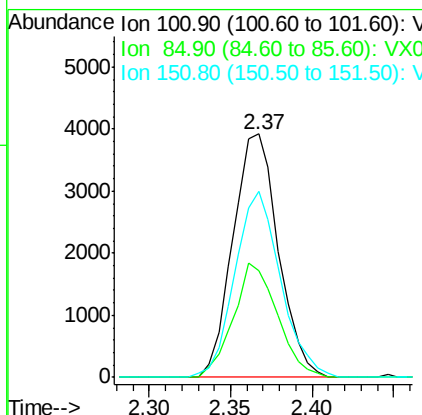
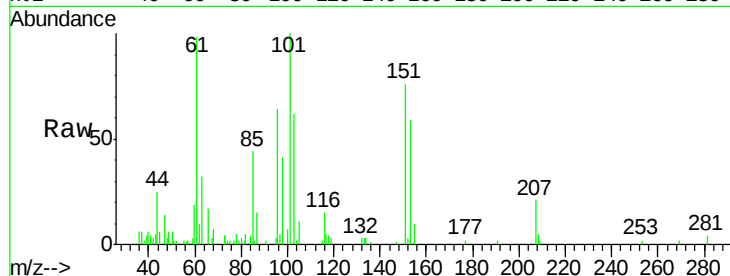
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	101	Resp:	7598
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.2	51.4
151	76.9	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 1.877 ug/l

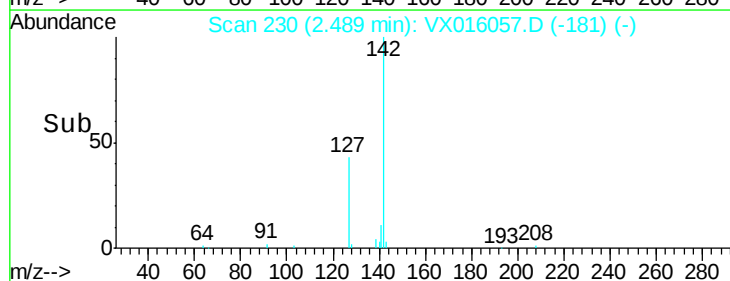
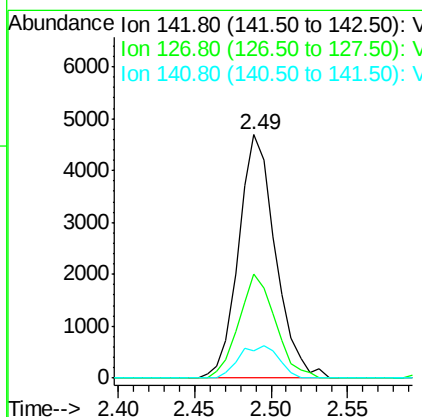
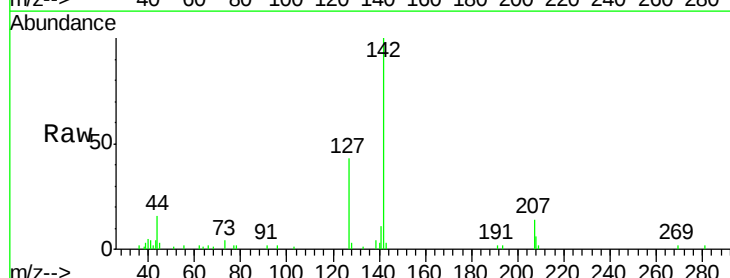
RT: 2.49 min Scan# 230

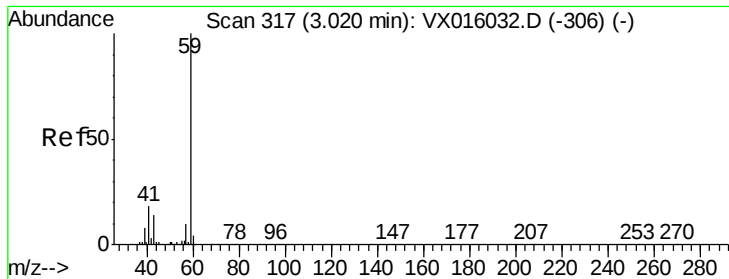
Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	142	Resp:	7847
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.6	52.0
141	14.5	11.3	16.9





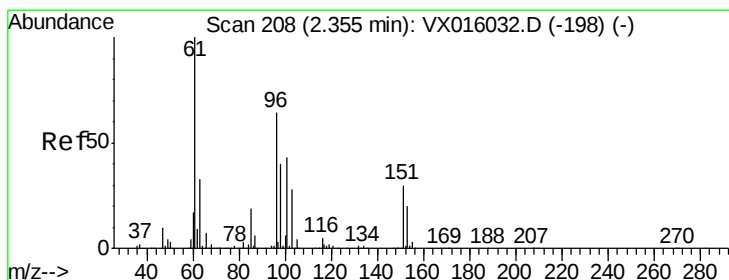
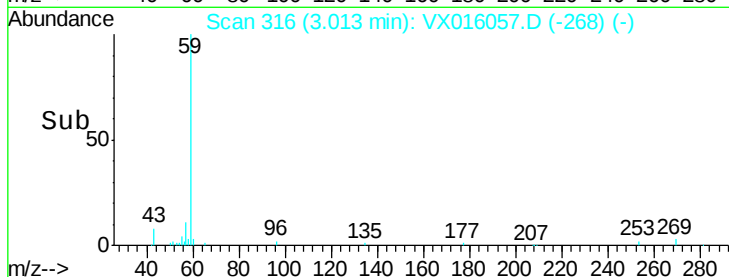
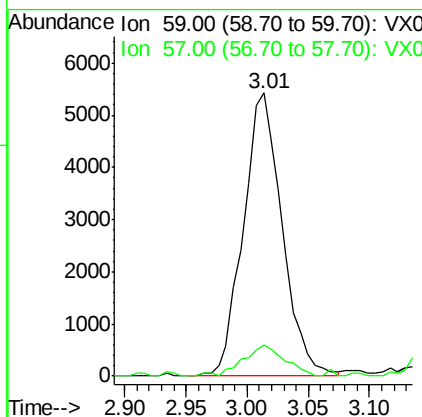
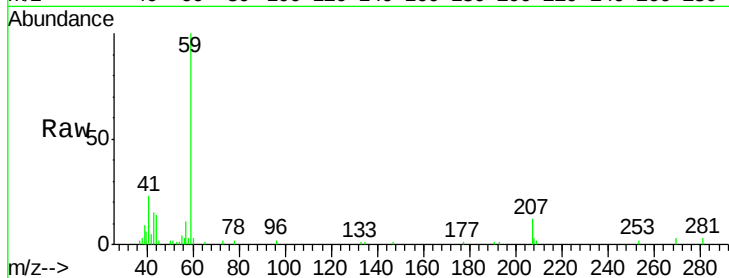
#11
Tert butyl alcohol
Concen: 11.517 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion: 59 Resp: 12008
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.4

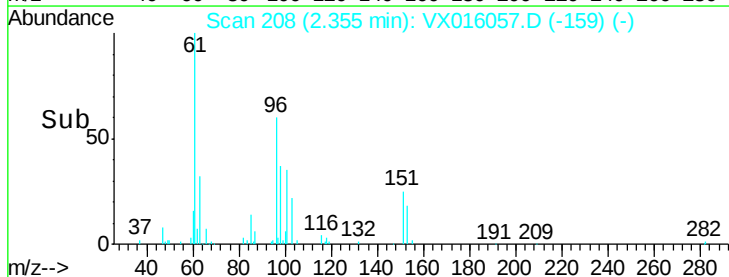
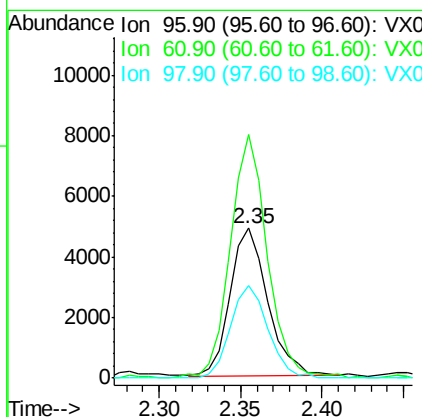
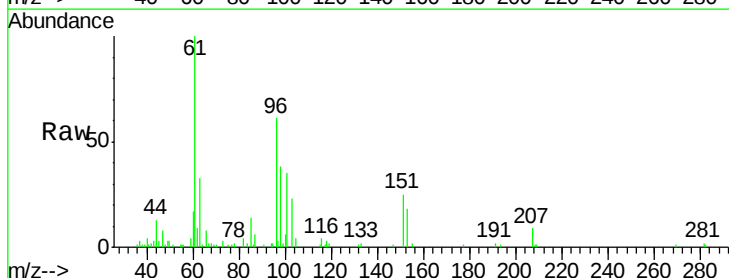
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 2.416 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion: 96 Resp: 7869
Ion Ratio Lower Upper
96 100
61 162.5 124.8 187.2
98 63.2 49.7 74.5





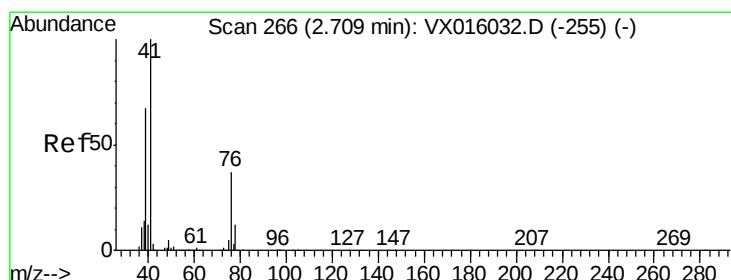
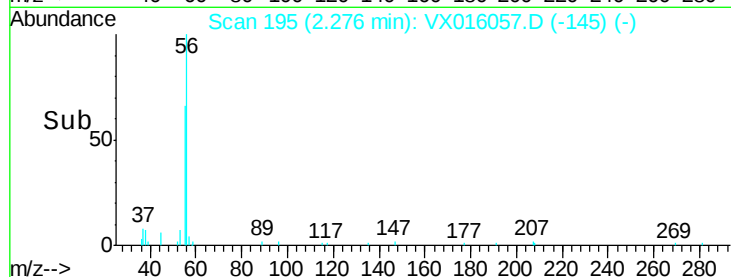
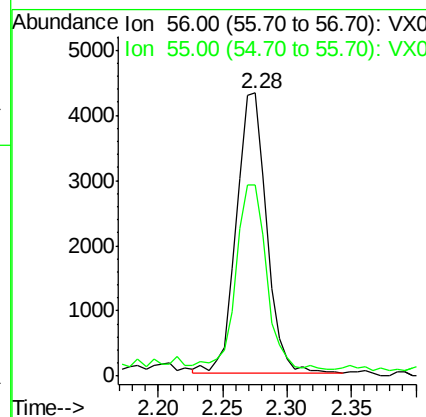
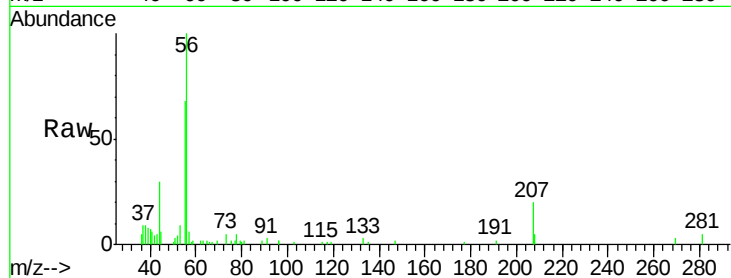
#13
Acrolein
Concen: 10.714 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
56	100		
55	65.6	56.5	84.7

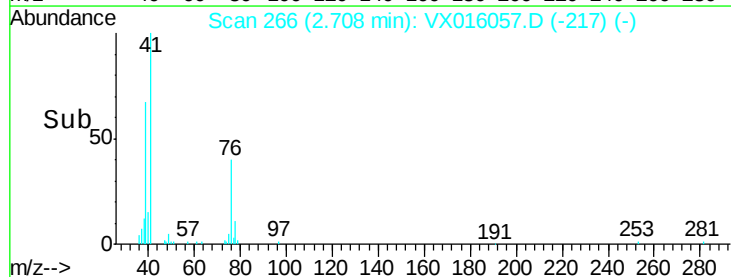
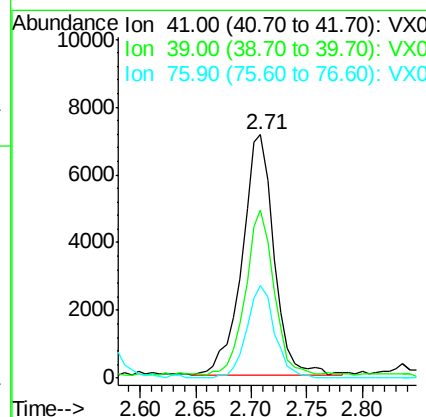
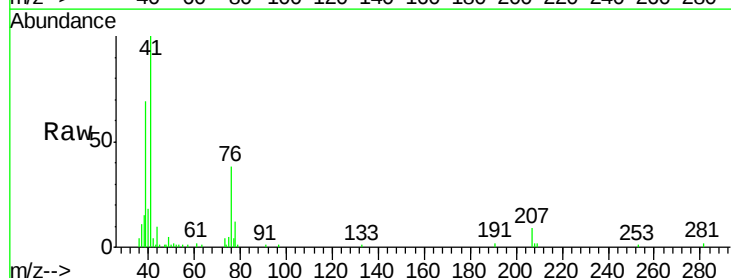
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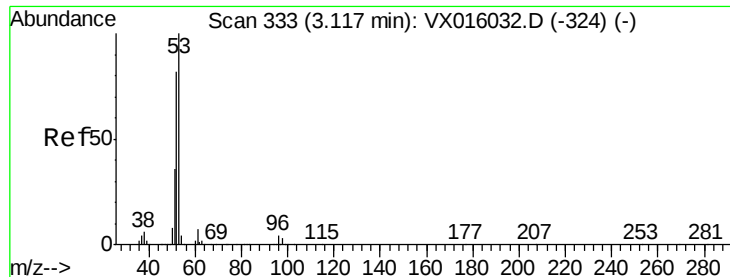
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#14
Allyl chloride
Concen: 2.362 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.1	50.5	75.7
76	33.8	26.6	40.0





#15

Acrylonitrile

Concen: 11.340 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

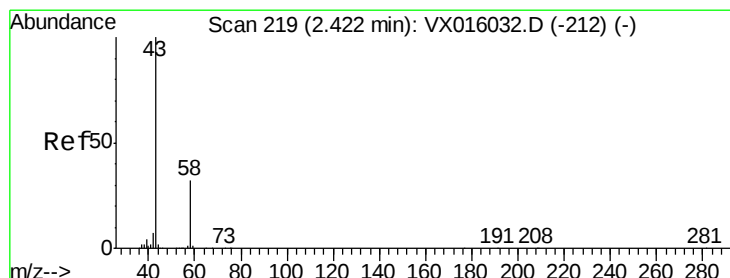
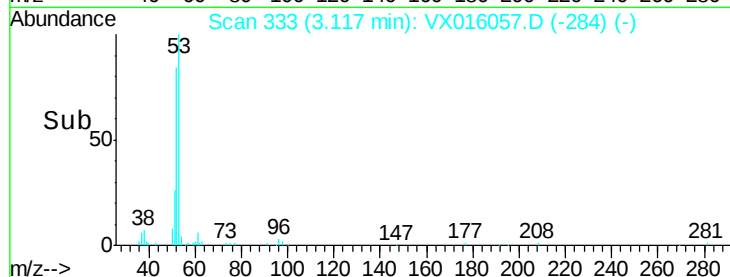
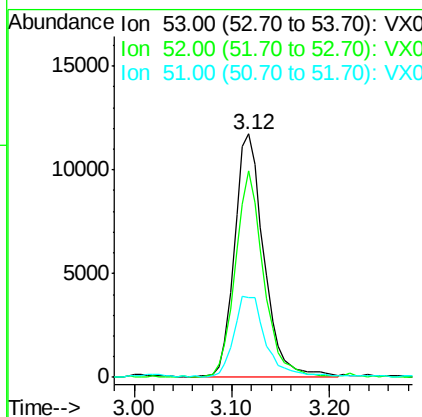
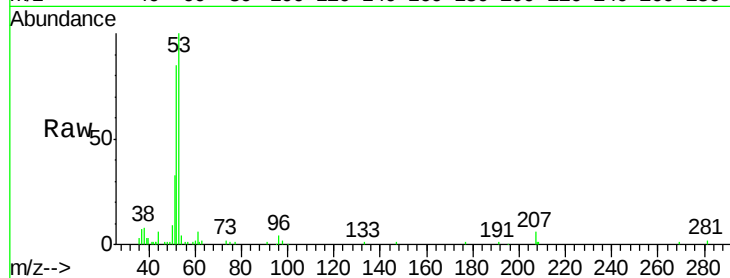
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	53	Resp:	24527
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.1	99.1
51	36.3	28.8	43.2

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#16

Acetone

Concen: 11.873 ug/l

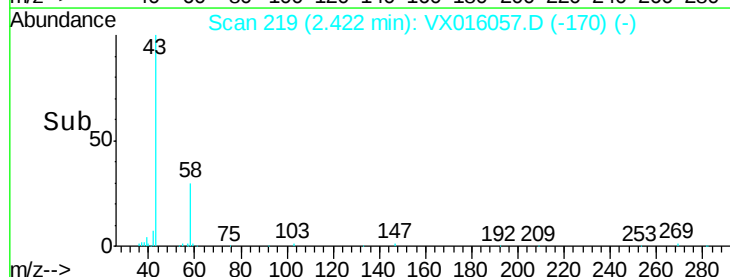
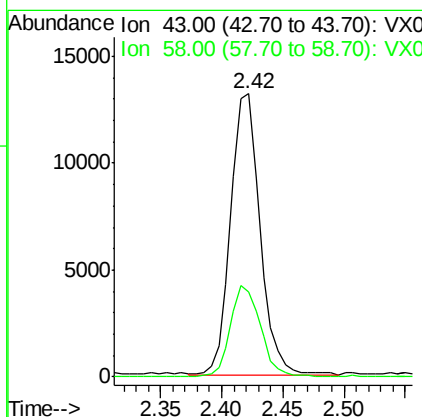
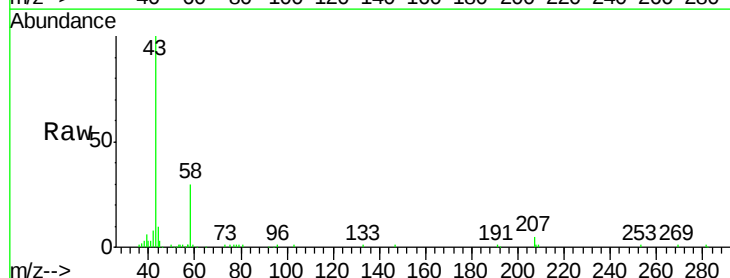
RT: 2.42 min Scan# 219

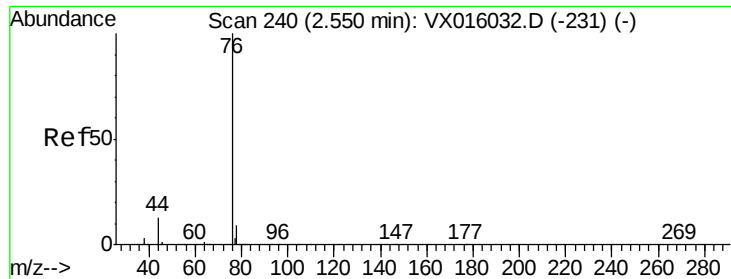
Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	43	Resp:	21843
Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.4	38.0





#17

Carbon Disulfide

Concen: 2.242 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 76 Resp: 24854

Ion Ratio Lower Upper

76 100

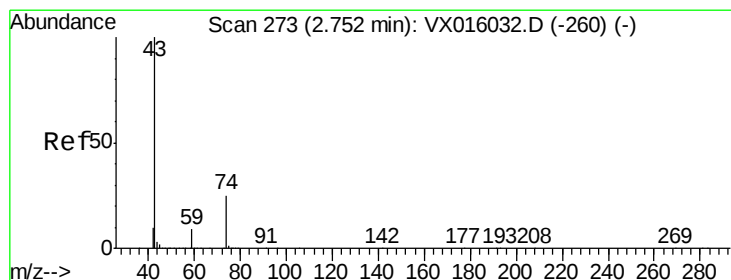
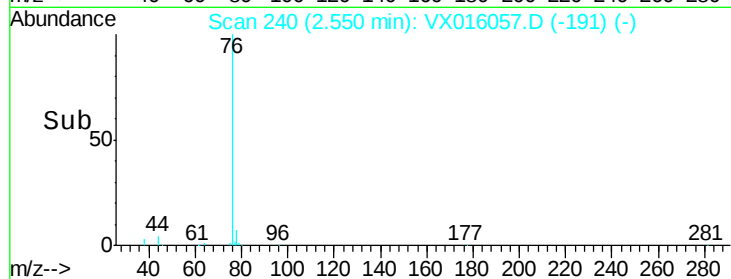
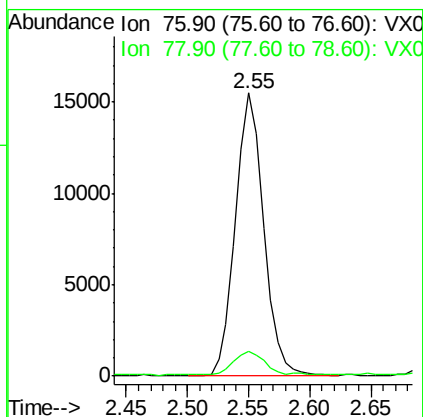
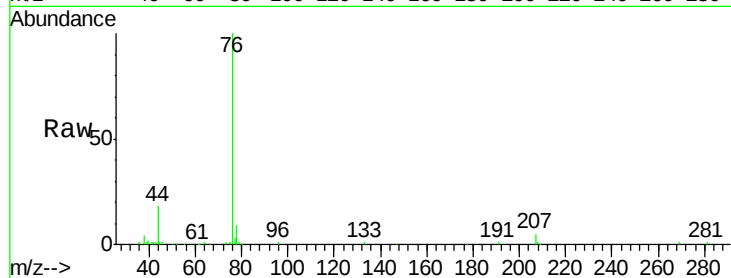
78 8.0 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 2.325 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016057.D

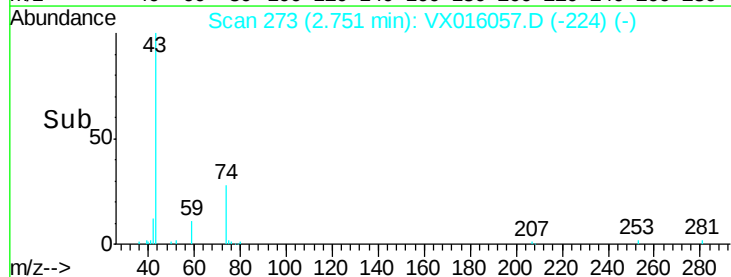
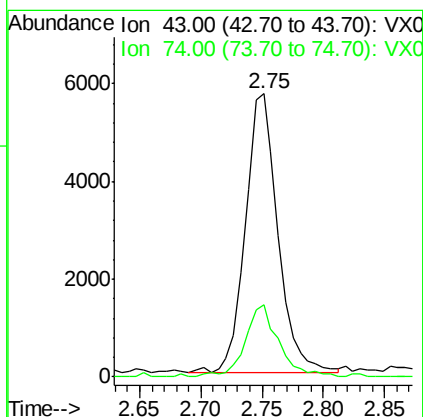
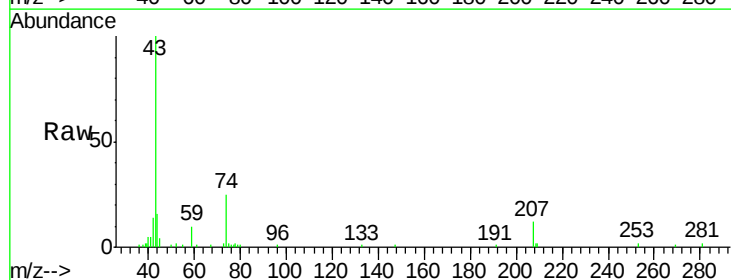
Acq: 05 May 2020 12:41

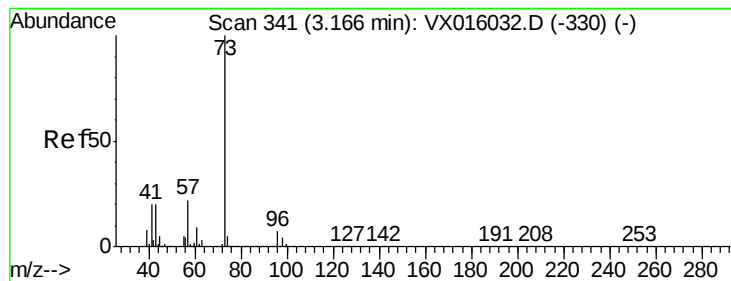
Tgt Ion: 43 Resp: 10515

Ion Ratio Lower Upper

43 100

74 26.9 20.2 30.2





#19

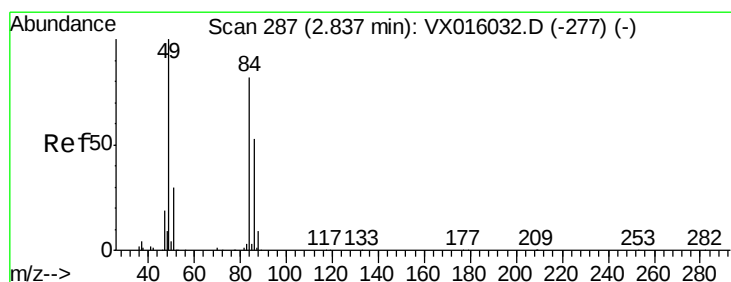
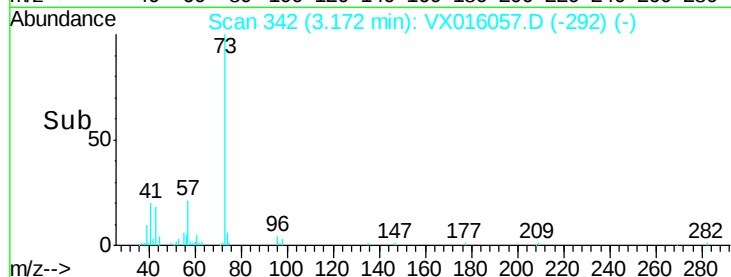
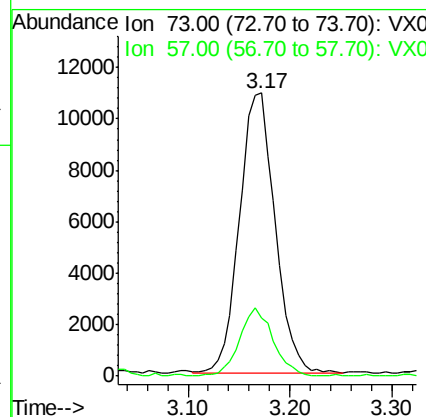
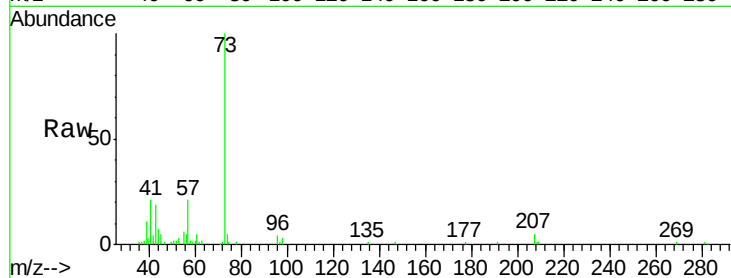
Methyl tert-butyl Ether
 Concen: 2.331 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.8	26.6

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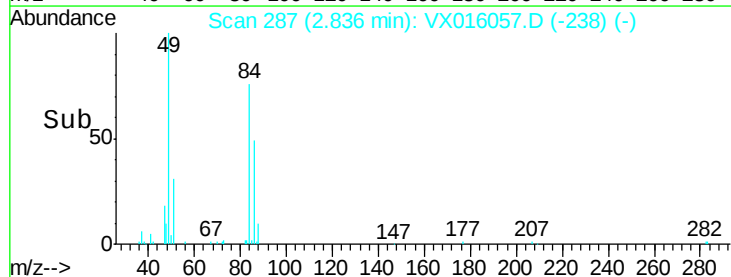
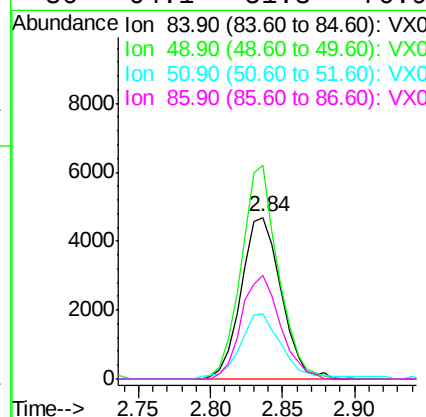
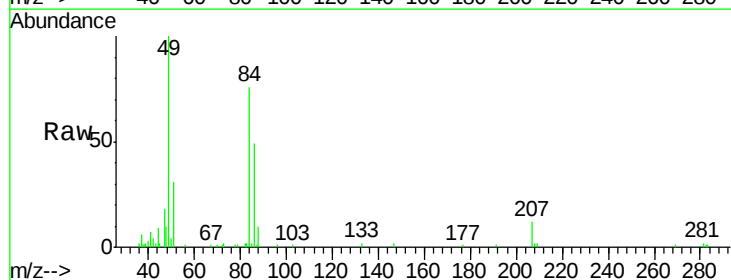
MMDadoda
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#20

Methylene Chloride
 Concen: 2.371 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.2	97.3	145.9
51	40.6	29.3	43.9
86	64.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 2.520 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

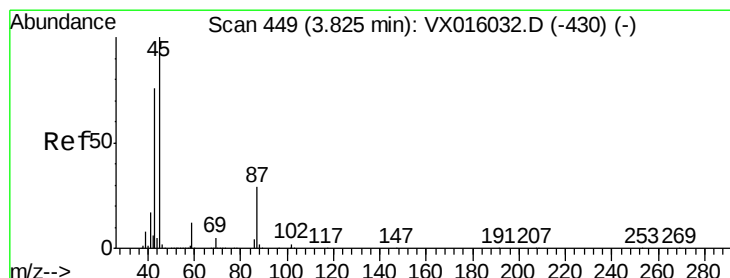
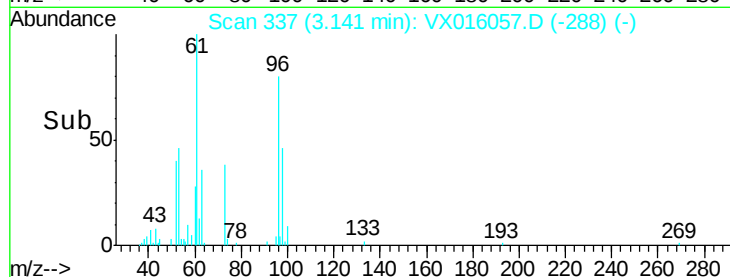
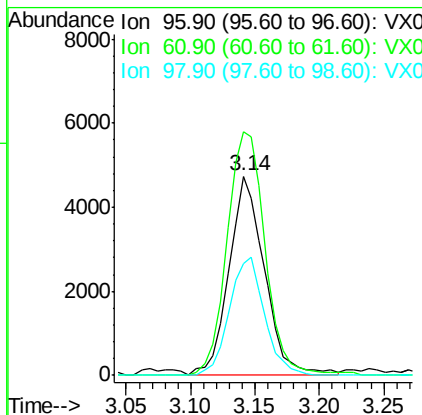
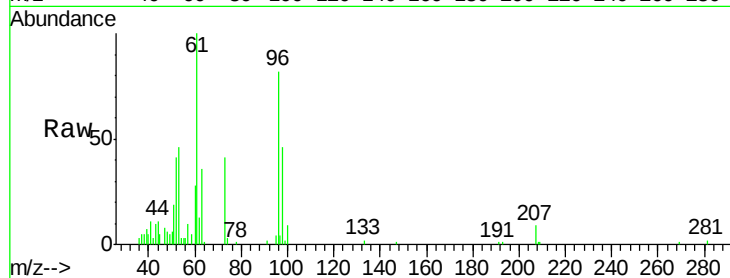
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	96	Resp:	9145
Ion	Ratio	Lower	Upper
96	100		
61	122.1	111.2	166.8
98	55.8	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 2.363 ug/l

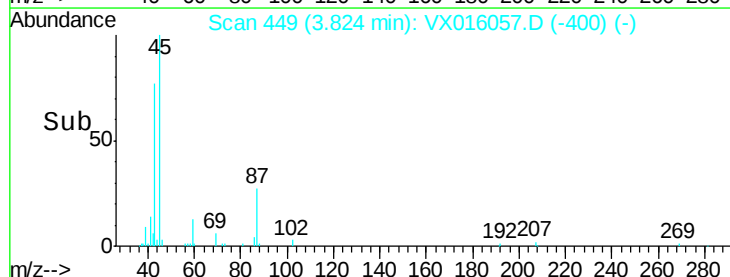
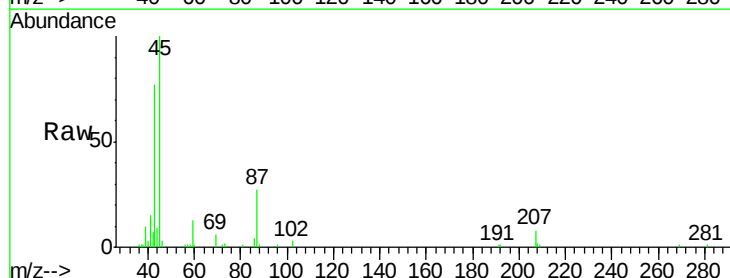
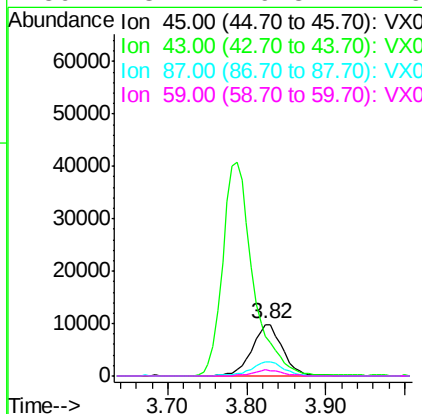
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	45	Resp:	26625
Ion	Ratio	Lower	Upper
45	100		
43	76.7	61.1	91.7
87	27.0	23.0	34.6
59	13.1	9.8	14.6





#23

Vinyl Acetate

Concen: 11.057 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 109593

Ion Ratio Lower Upper

43 100

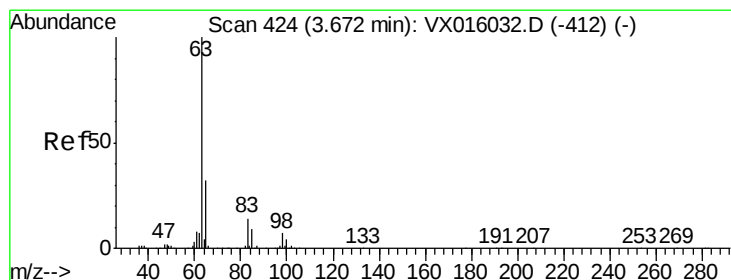
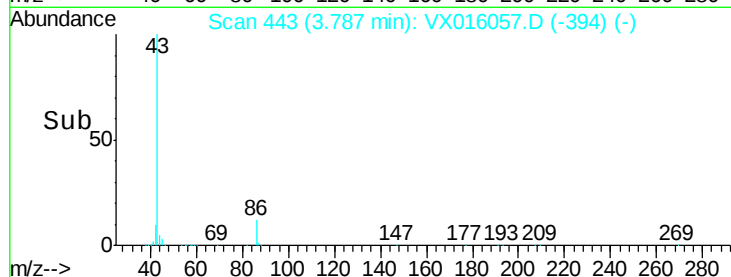
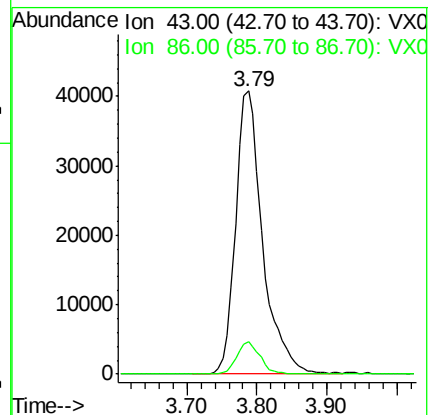
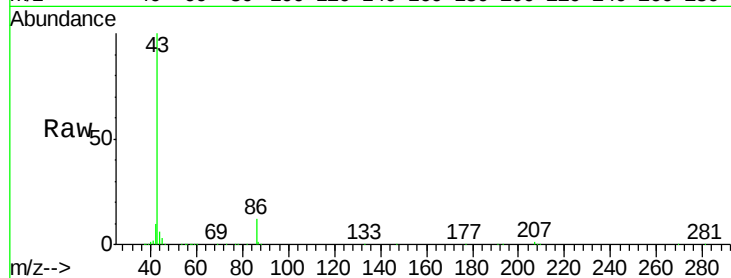
86 11.6 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 2.394 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

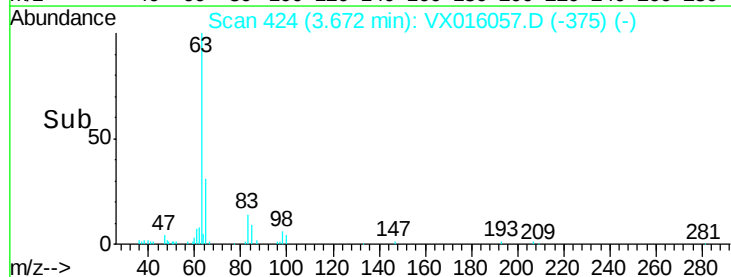
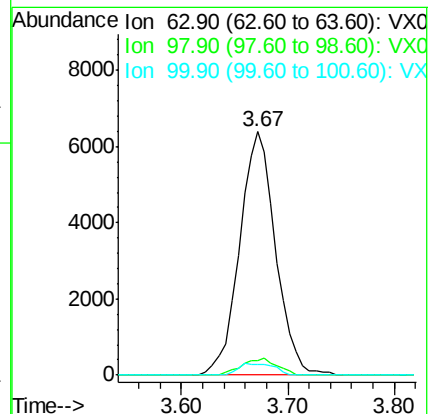
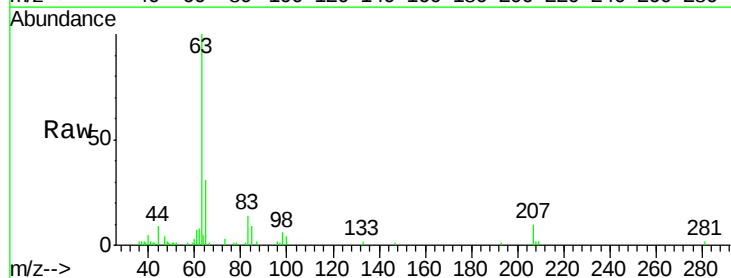
Tgt Ion: 63 Resp: 15090

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 11.344 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 33627

Ion Ratio Lower Upper

43 100

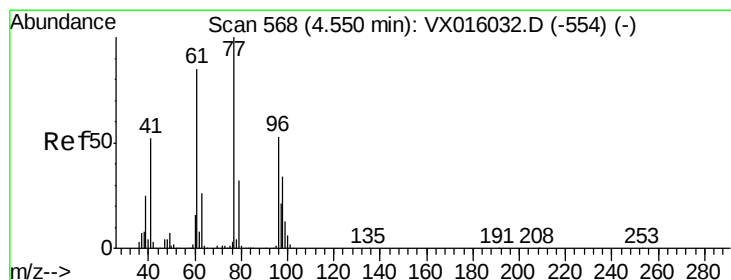
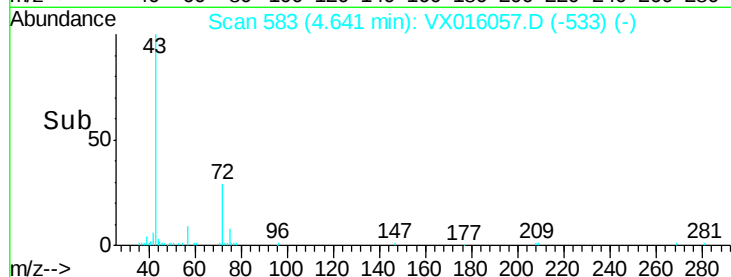
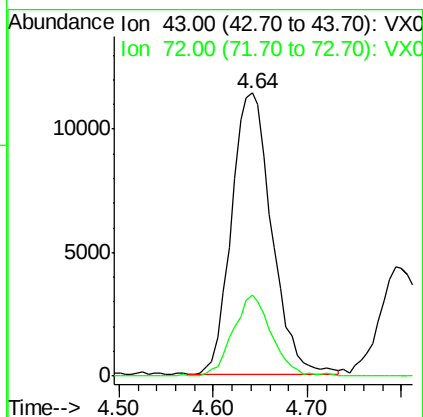
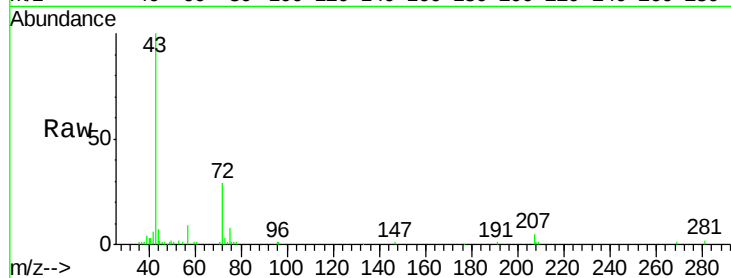
72 29.1 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 2.308 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016057.D

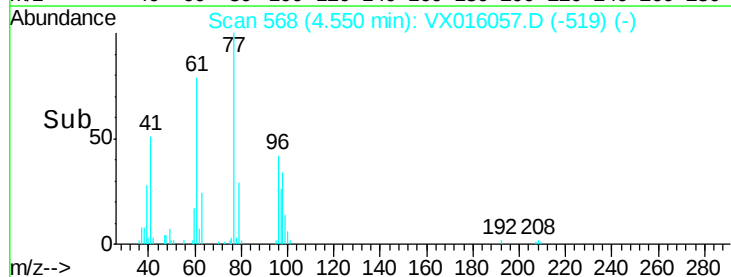
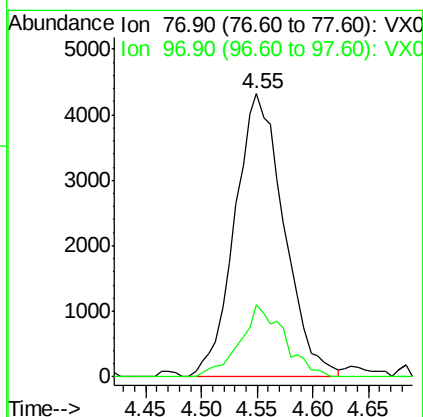
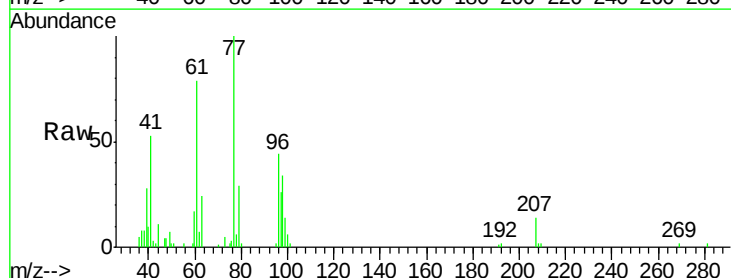
Acq: 05 May 2020 12:41

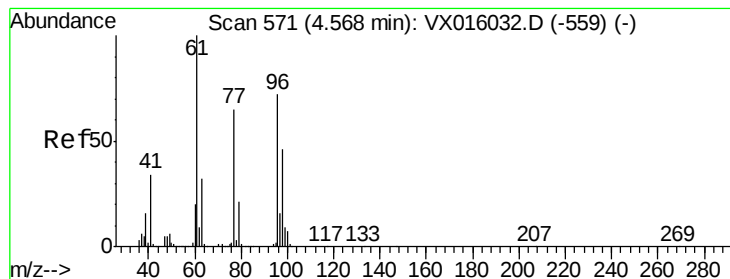
Tgt Ion: 77 Resp: 13286

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

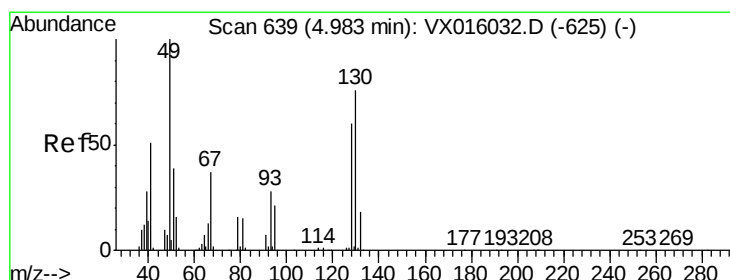
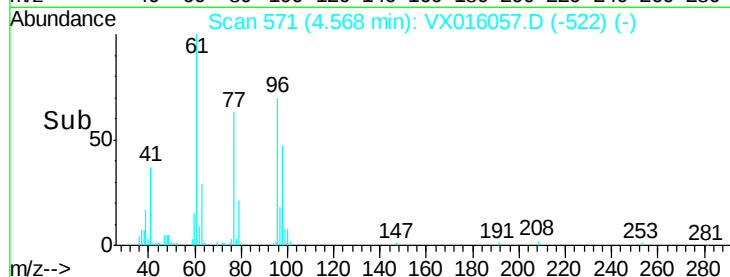
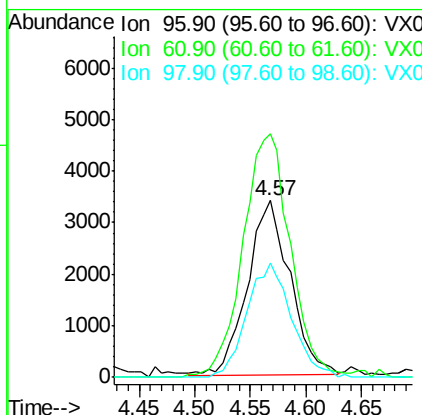
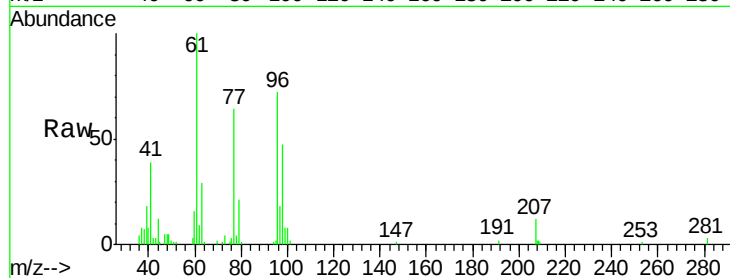
cis-1,2-Dichloroethene
Concen: 2.289 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	296.2
98	68.0	0.0	129.4

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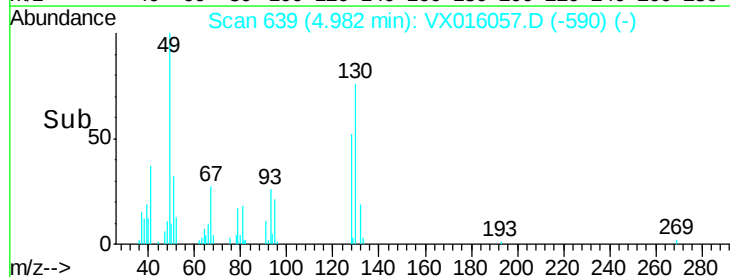
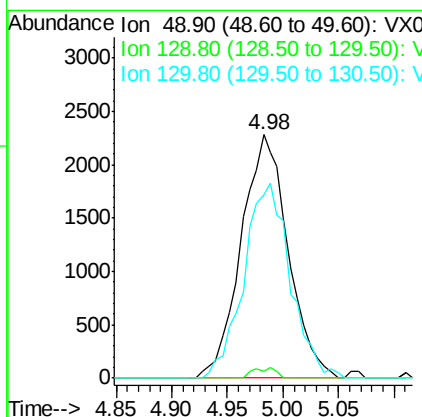
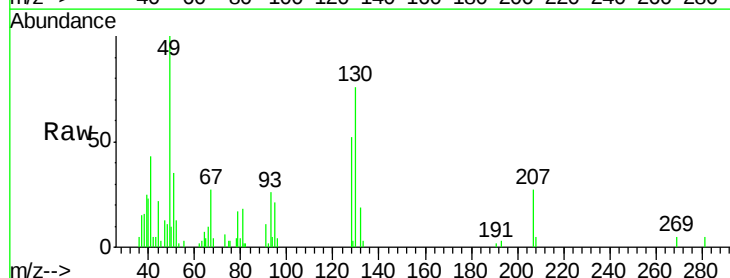
MMDadoda
5/6/2020 12:27:19 PM

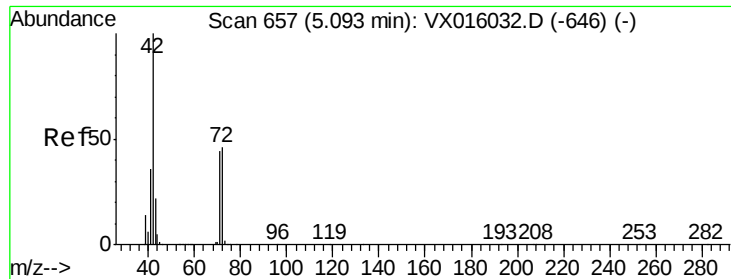


#28

Bromochloromethane
Concen: 2.328 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	79.3	62.4	93.6





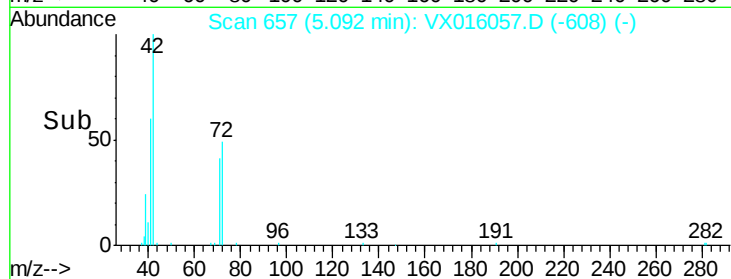
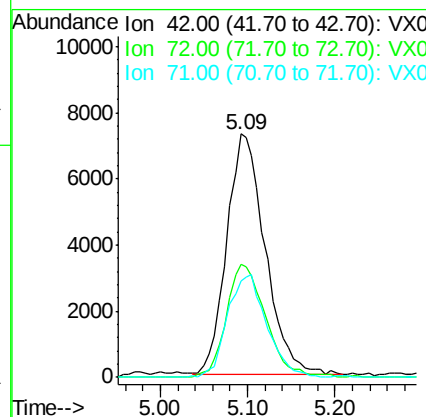
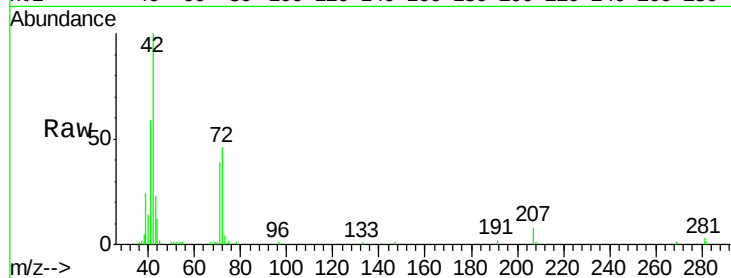
#29
Tetrahydrofuran
Concen: 11.338 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.1	55.7
71	43.4	34.5	51.7

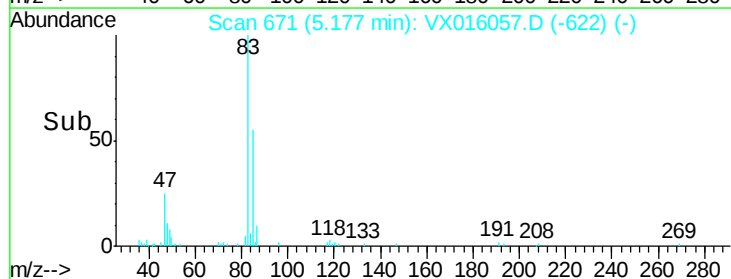
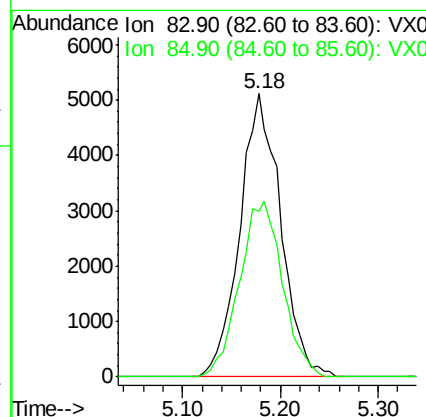
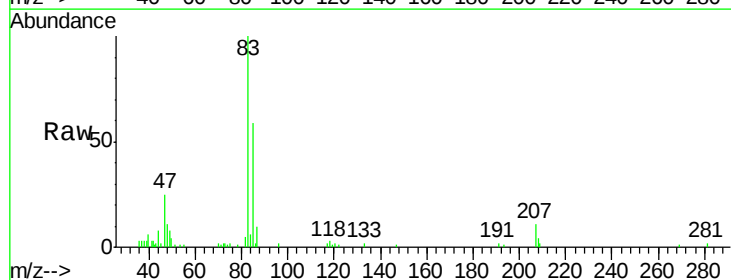
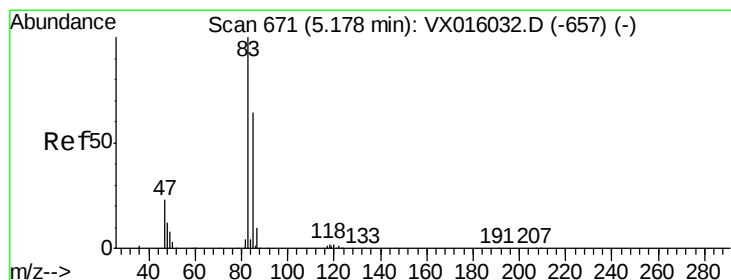
Manual Integrations
APPROVED

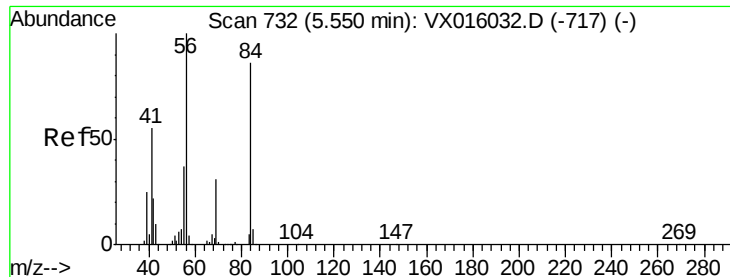
MMDadoda
5/6/2020 12:27:19 PM



#30
Chloroform
Concen: 2.363 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.5	51.6	77.4





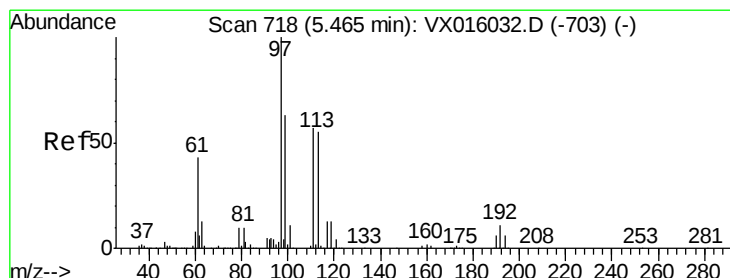
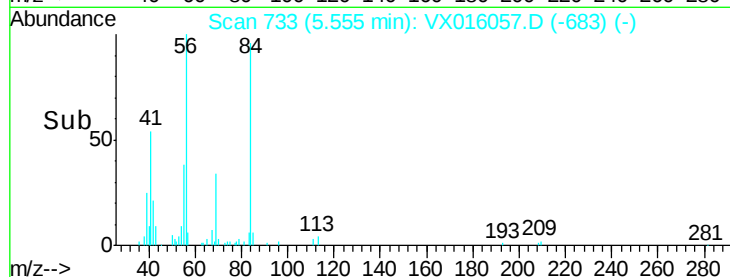
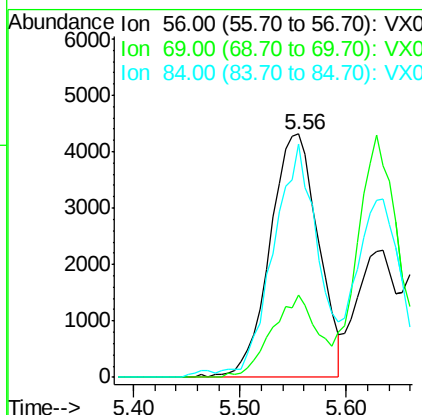
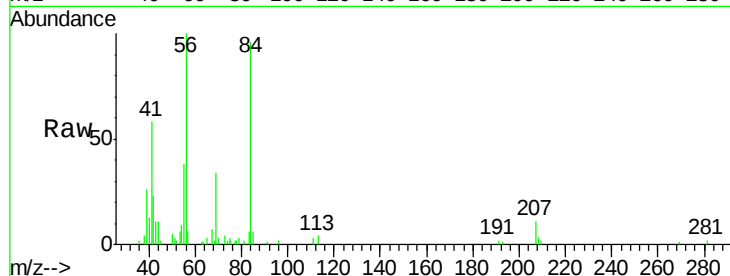
#31
Cyclohexane
Concen: 2.364 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.0	37.6
84	94.9	69.0	103.6

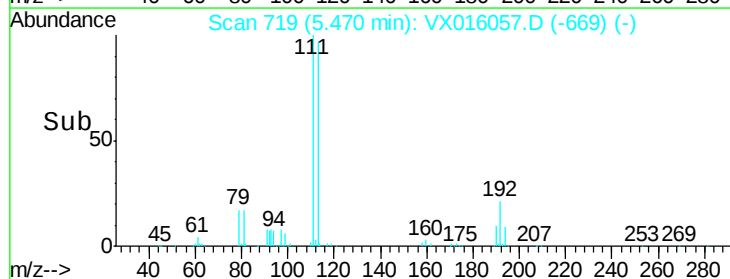
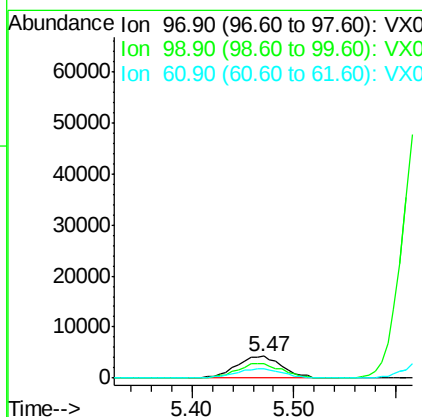
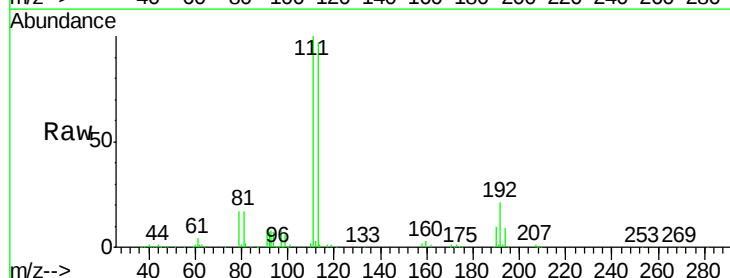
Manual Integrations
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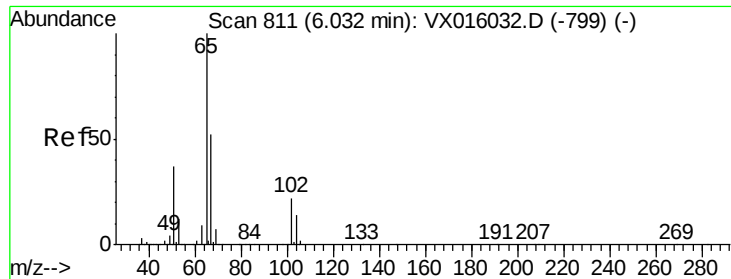
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 2.353 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.0	76.4
61	44.9	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.348 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 65 Resp: 186970

Ion Ratio Lower Upper

65 100

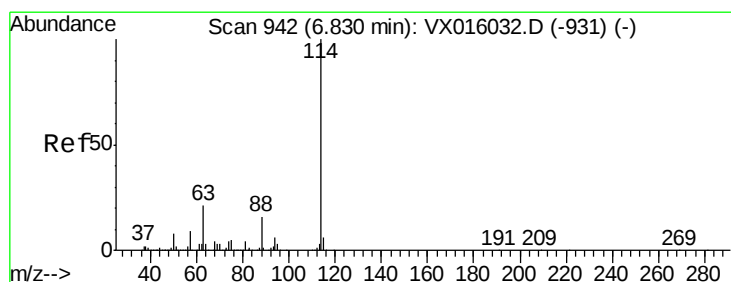
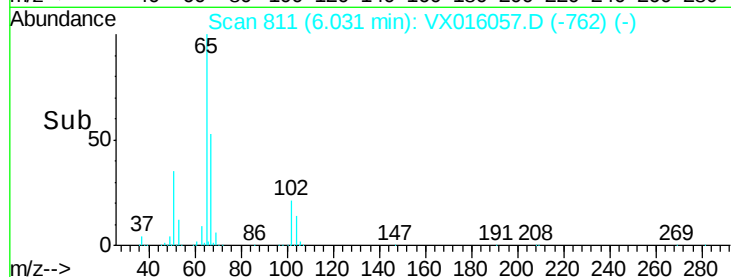
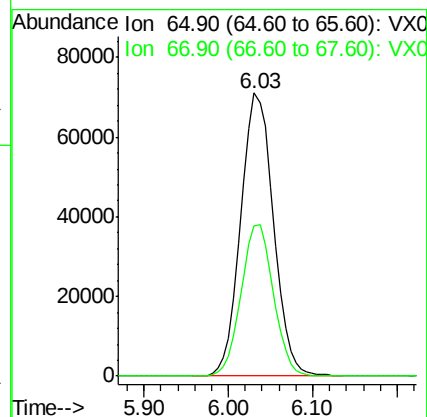
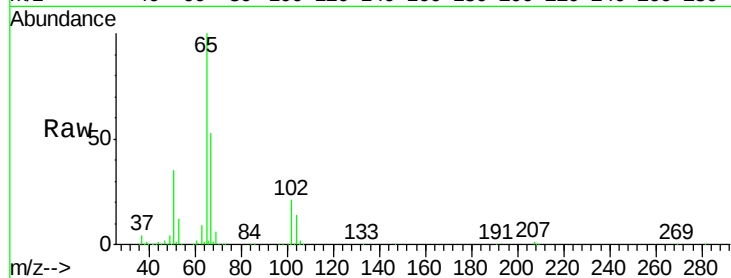
67 53.0 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

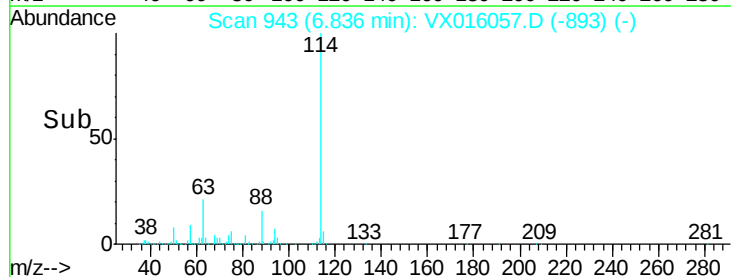
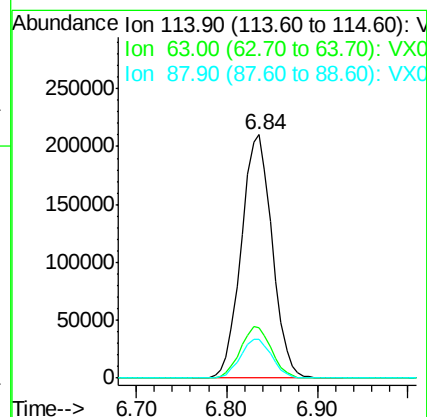
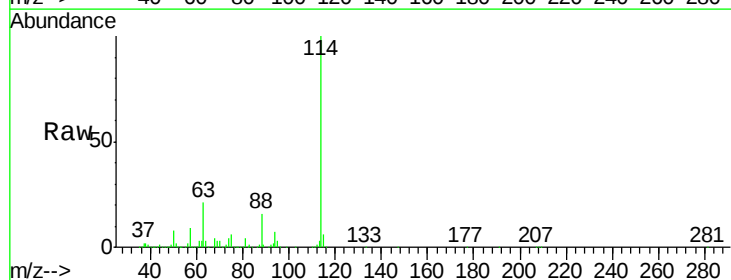
Tgt Ion: 114 Resp: 495860

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.2 0.0 31.4





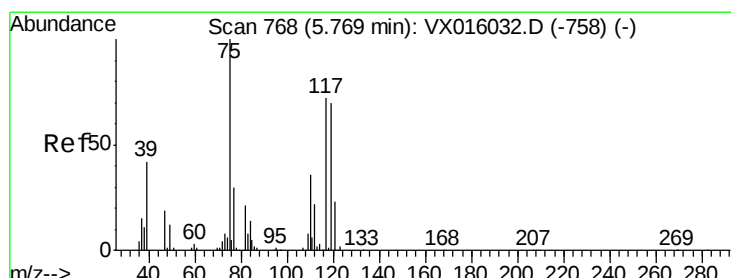
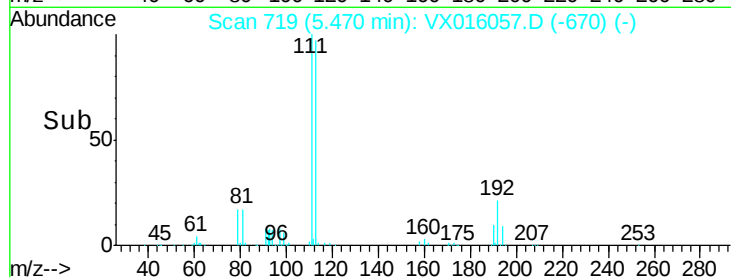
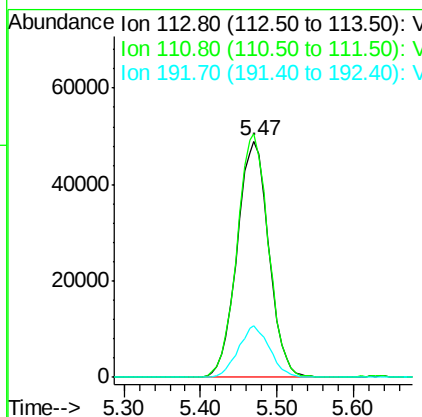
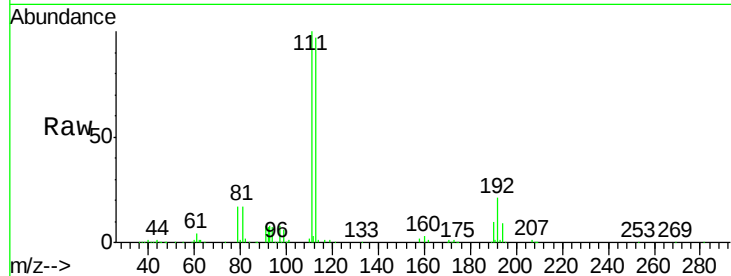
#35
Dibromofluoromethane
Concen: 44.828 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	81.6	122.4	
192	21.6	17.0	25.4	

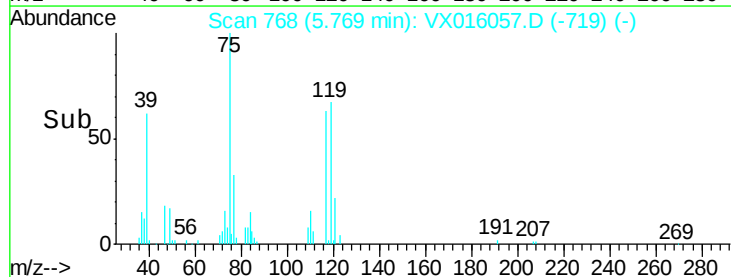
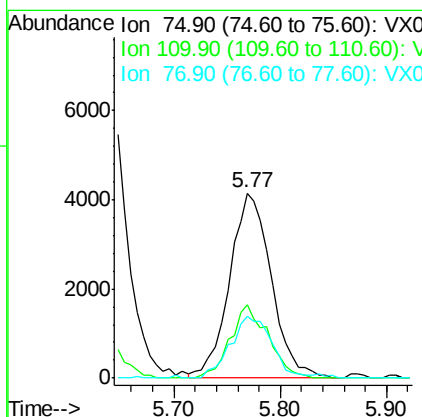
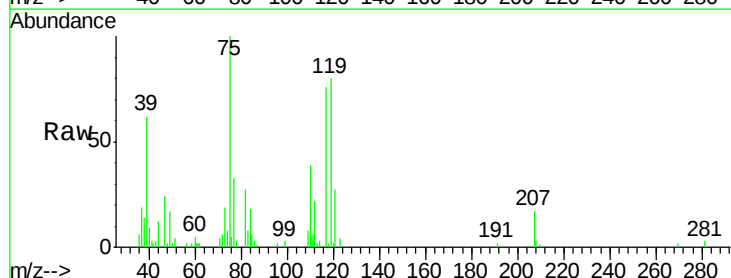
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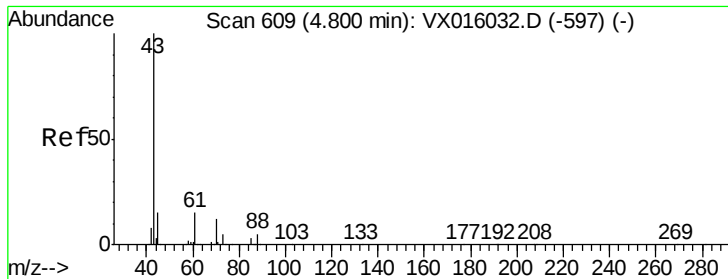
MMDadoda
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#36
1,1-Dichloropropene
Concen: 2.328 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.2	18.1	54.1	
77	33.2	25.0	37.6	





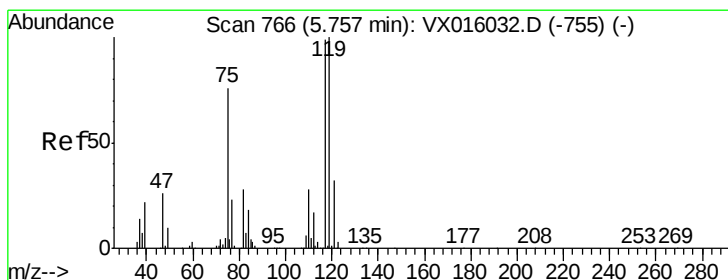
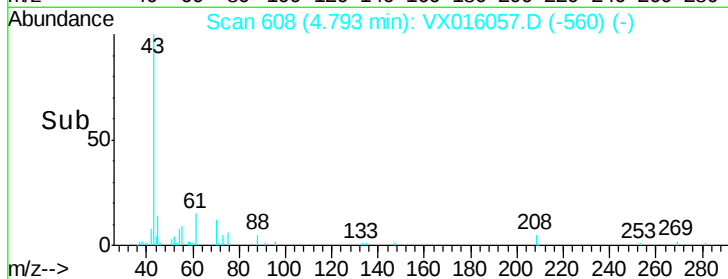
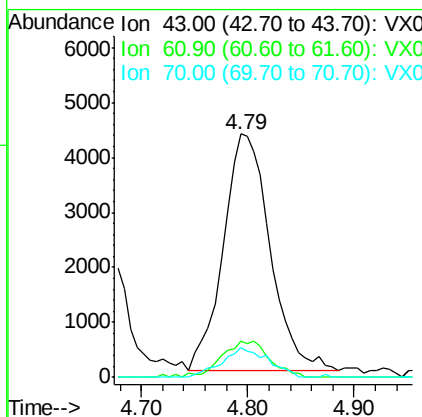
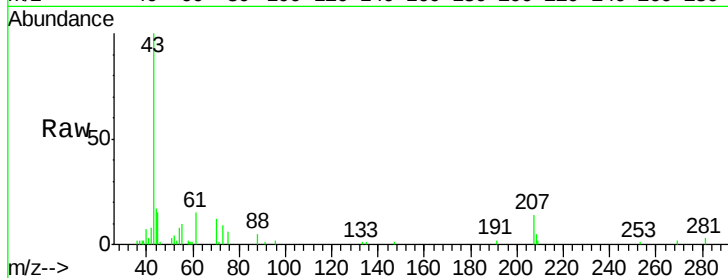
#37
Ethyl Acetate
Concen: 2.346 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion:	43	Resp:	13274
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.7	17.5
70	12.3	9.3	13.9

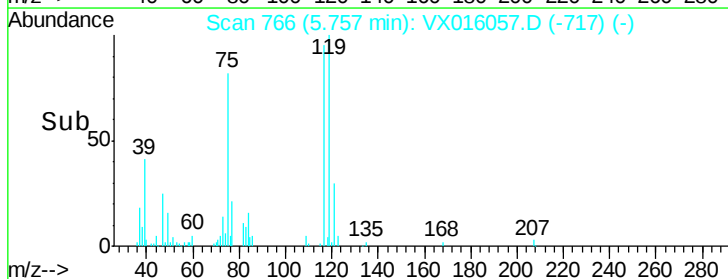
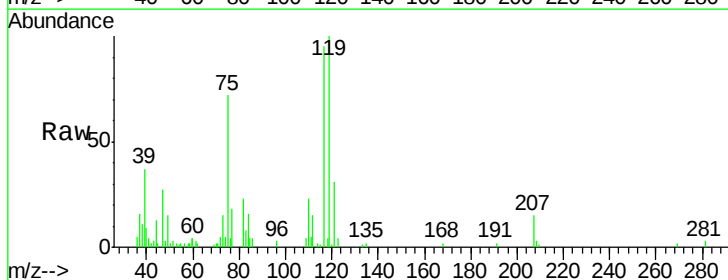
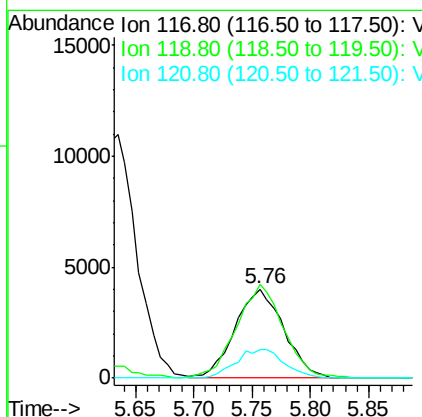
Manual Integrations
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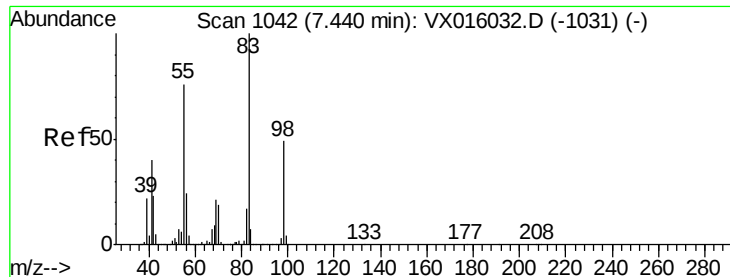
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#38
Carbon Tetrachloride
Concen: 2.356 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion:	117	Resp:	11687
Ion	Ratio	Lower	Upper
117	100		
119	103.7	80.3	120.5
121	32.4	25.7	38.5





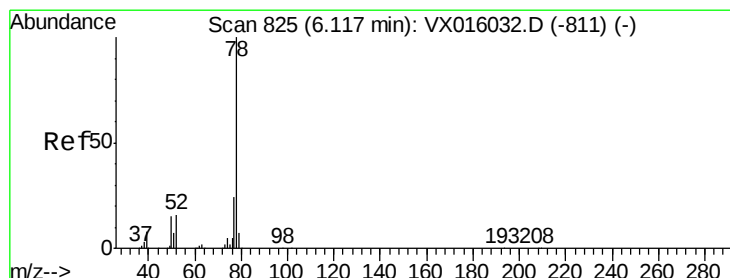
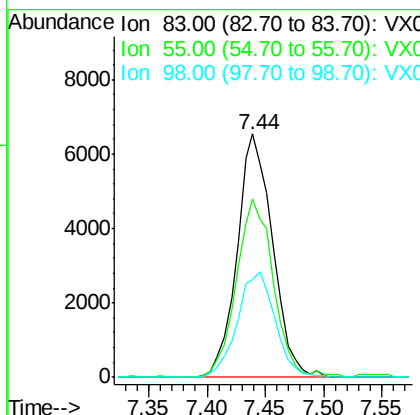
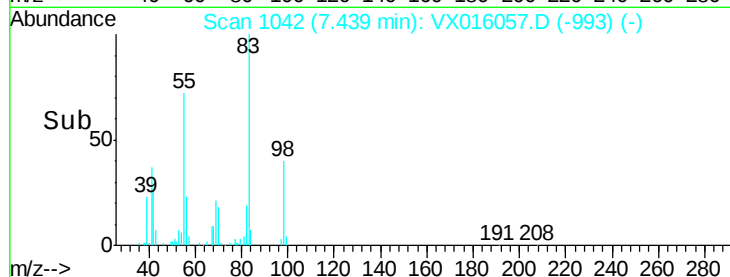
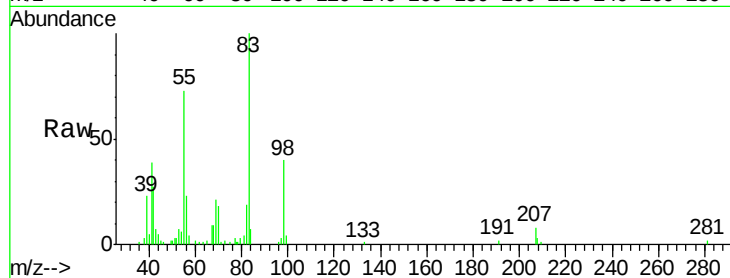
#39
Methvlcvclohexane
Concen: 2.361 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.1	91.7
98	40.1	39.0	58.4

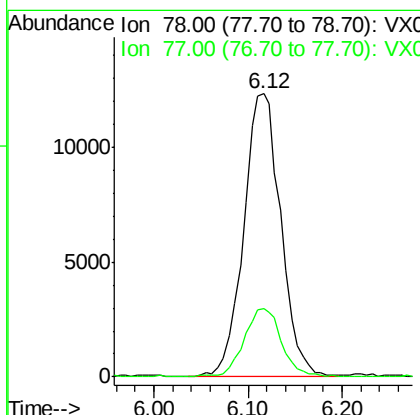
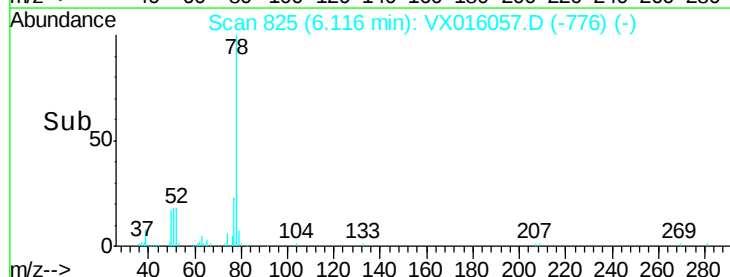
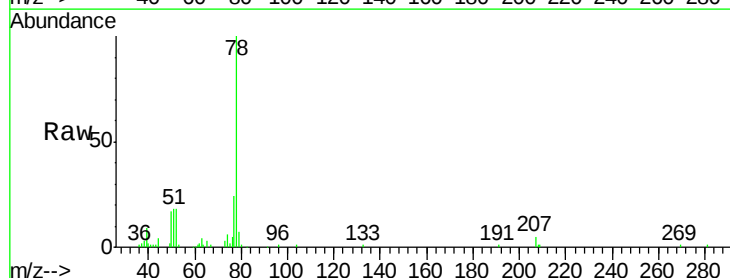
Manual Integrations
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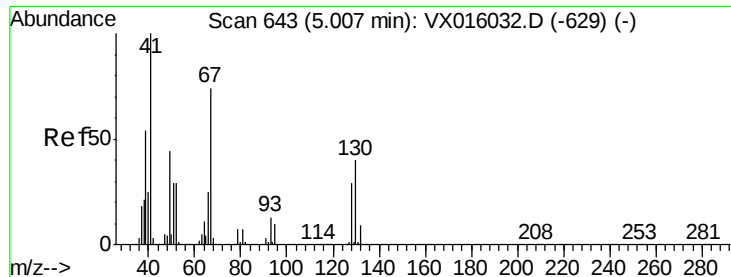
MMDadoda
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#40
Benzene
Concen: 2.384 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





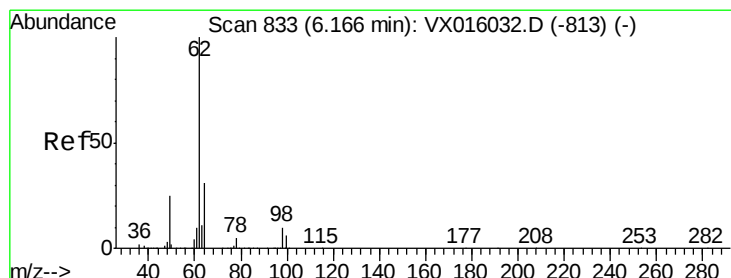
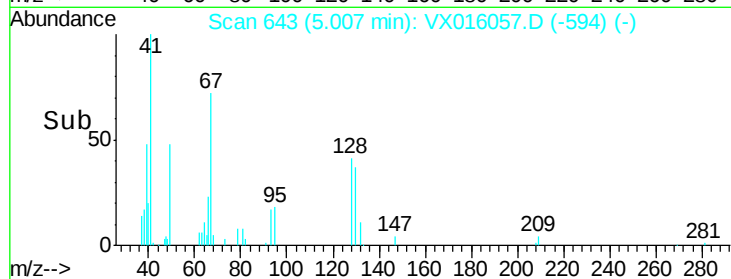
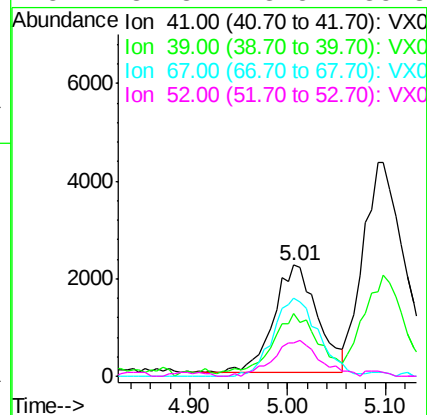
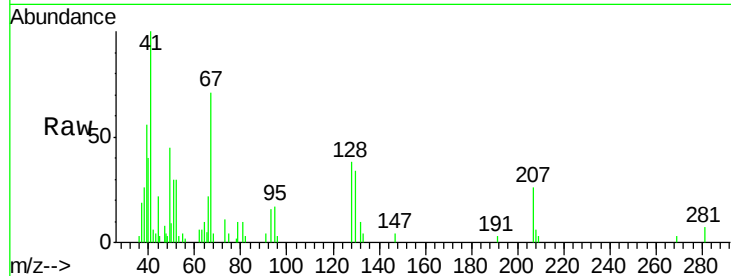
#41
Methacrylonitrile
Concen: 2.271 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion:	41	Resp:	6937
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.2	64.8
67	74.8	59.3	88.9
52	34.3	23.5	35.3

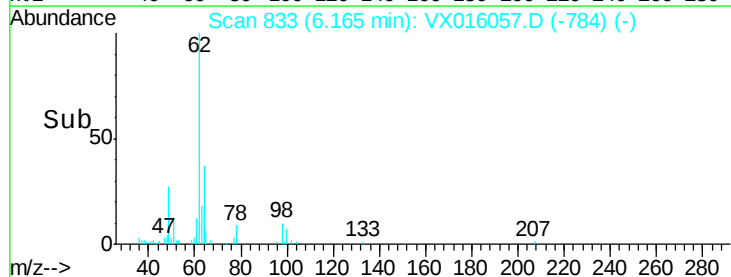
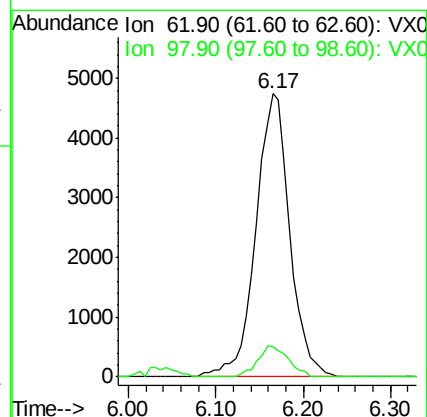
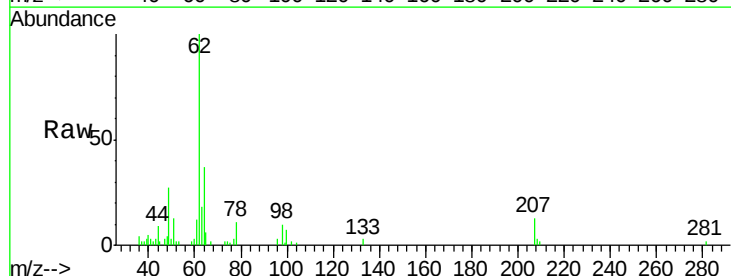
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 2.485 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion:	62	Resp:	12786
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 2.357 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

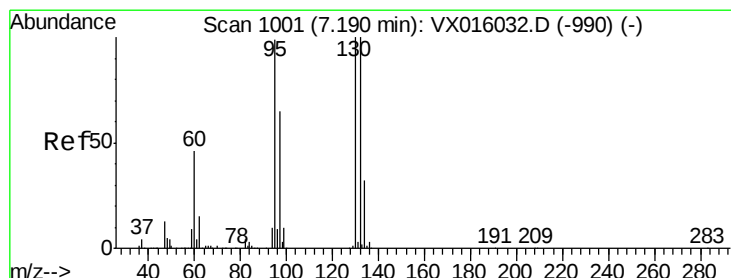
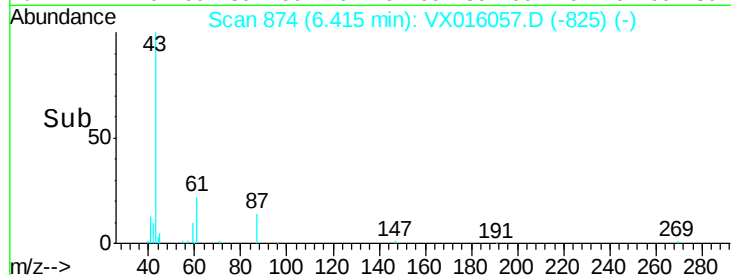
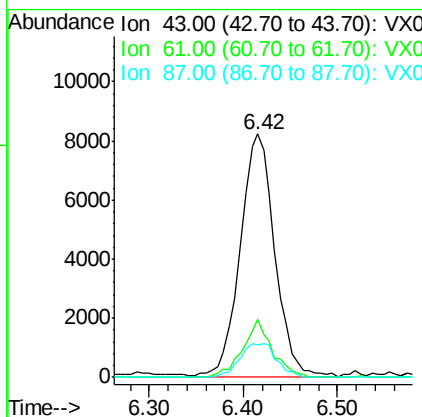
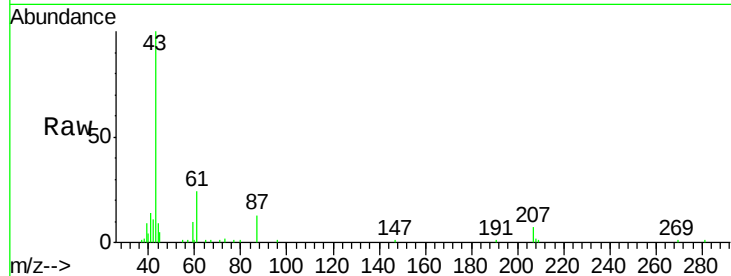
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	43	Resp:	21271
Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.0	25.4
87	14.7	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 2.414 ug/l

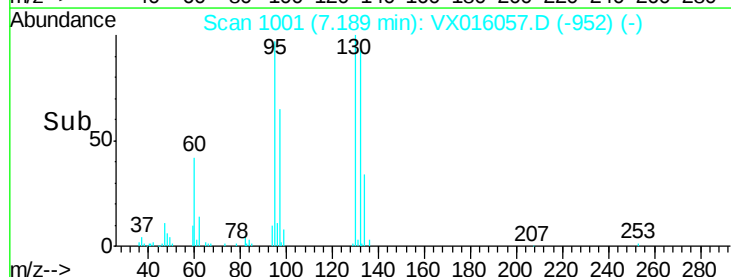
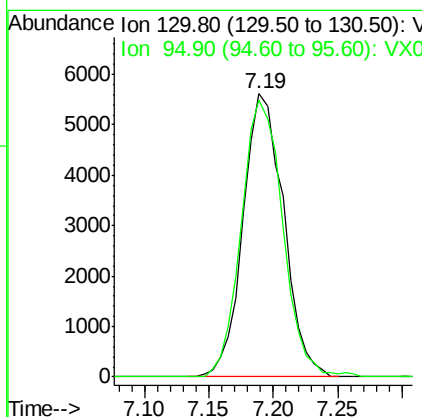
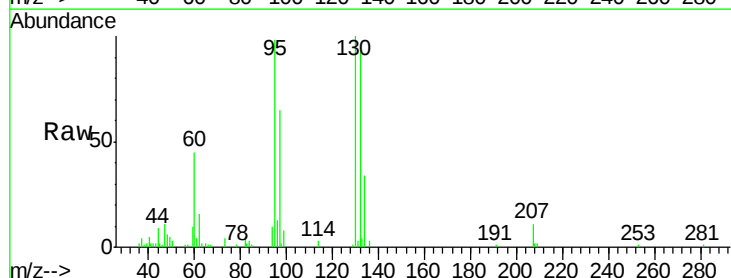
RT: 7.19 min Scan# 1001

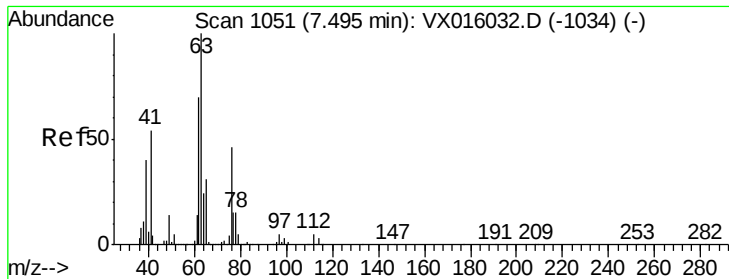
Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	130	Resp:	12247
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	197.4





#45

1,2-Dichloropropane

Concen: 2.374 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 63 Resp: 8580

Ion Ratio Lower Upper

63 100

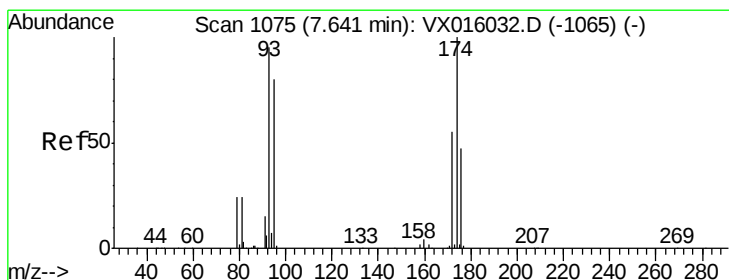
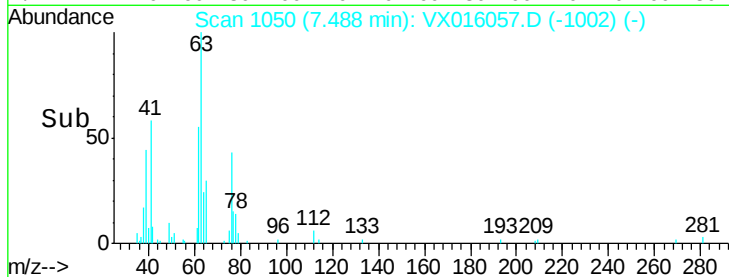
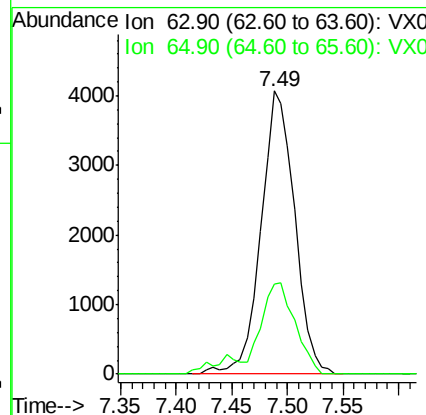
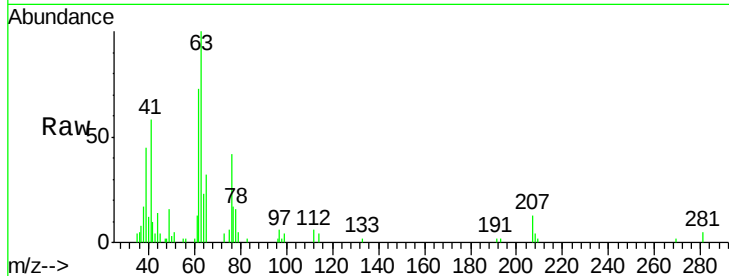
65 32.0 24.4 36.6

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#46

Dibromomethane

Concen: 2.374 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

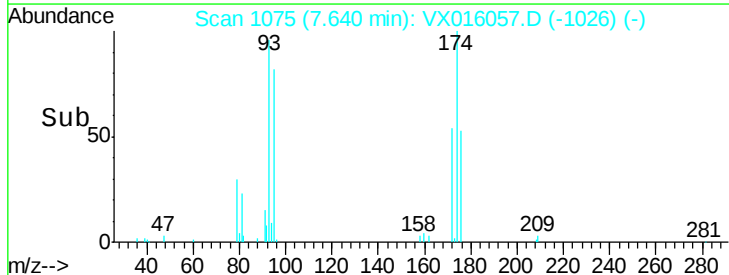
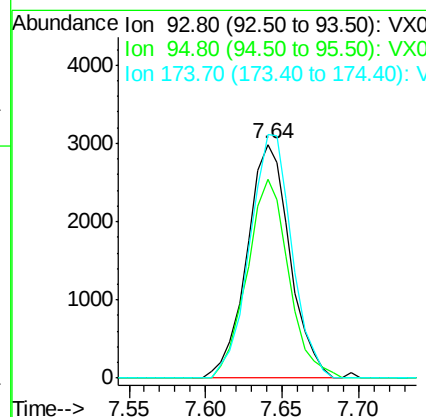
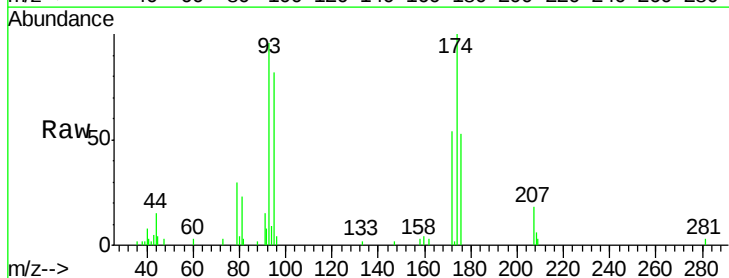
Tgt Ion: 93 Resp: 5830

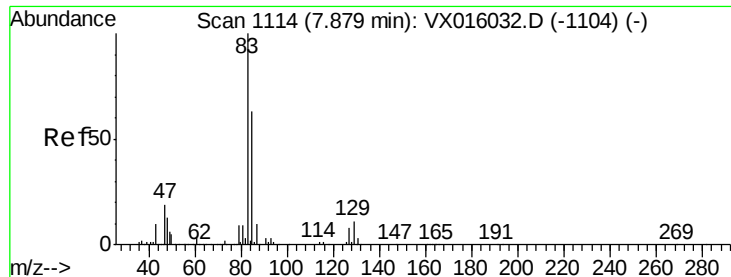
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 102.5 84.2 126.4





#47

Bromodichloromethane

Concen: 2.264 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

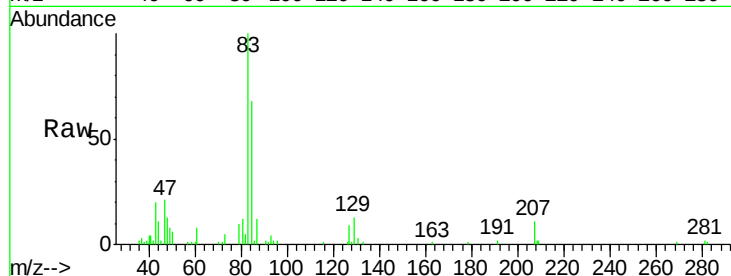
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

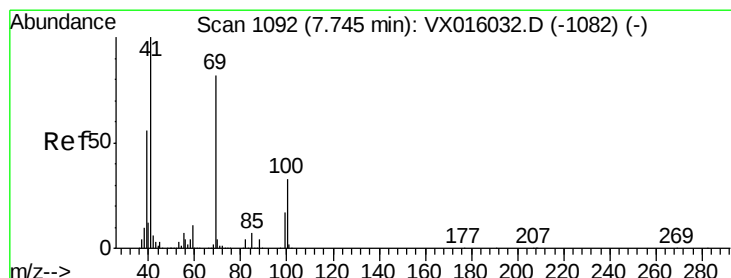
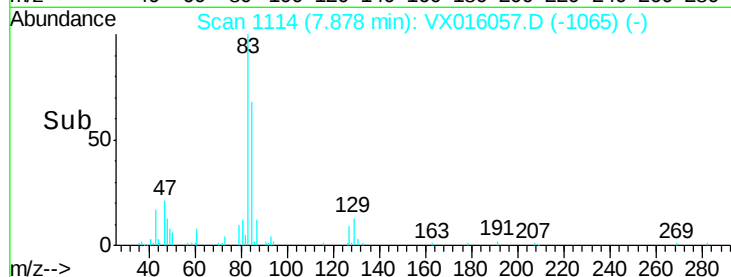
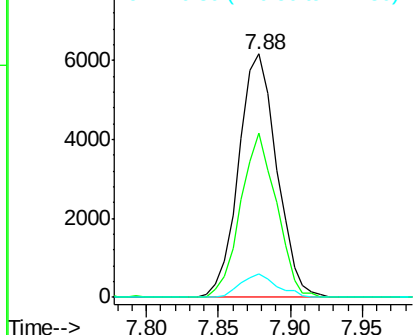
Tot Ion:	83	Resp:	11324
Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.5	75.7
127	9.5	6.7	10.1

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.127 ug/l

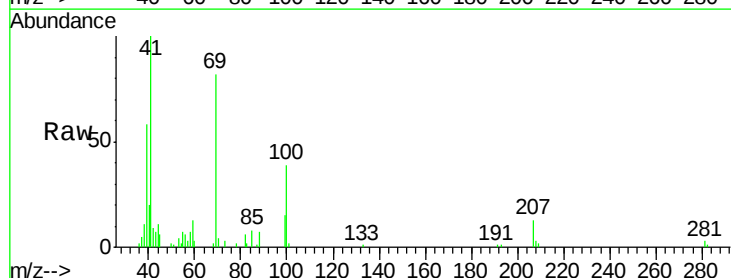
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

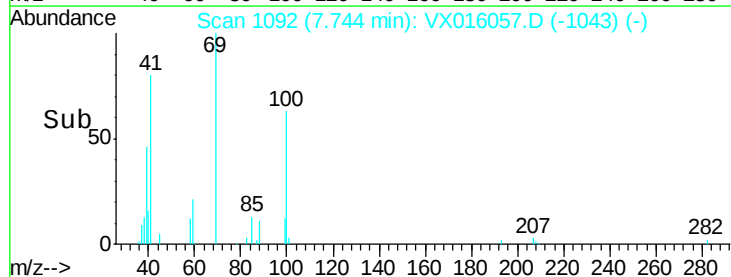
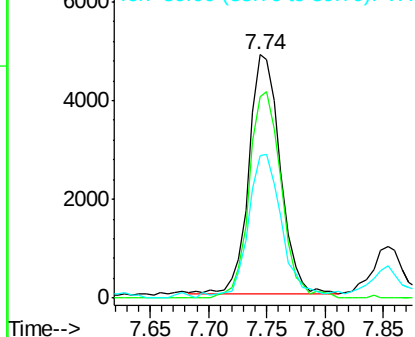
Lab File: VX016057.D

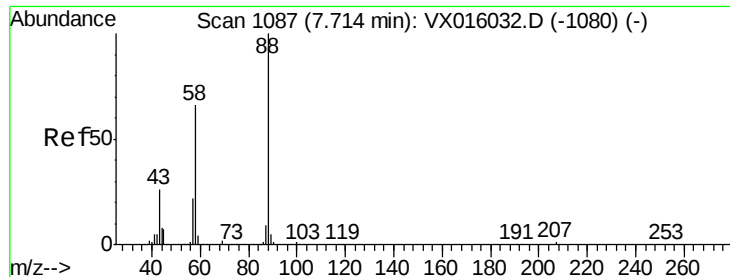
Acq: 05 May 2020 12:41

Tgt Ion:	41	Resp:	9096
Ion	Ratio	Lower	Upper
41	100		
69	88.6	67.8	101.6
39	64.9	44.6	67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





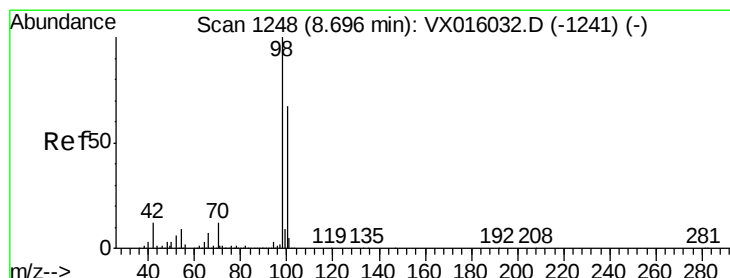
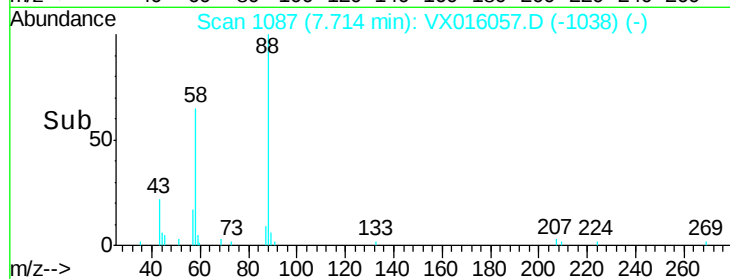
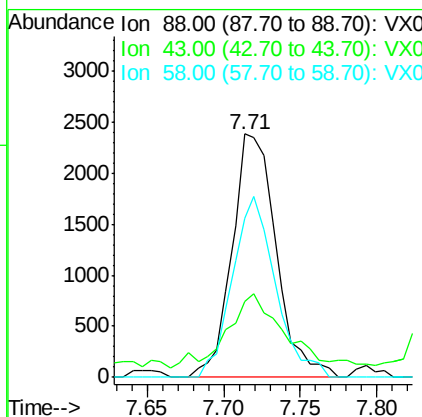
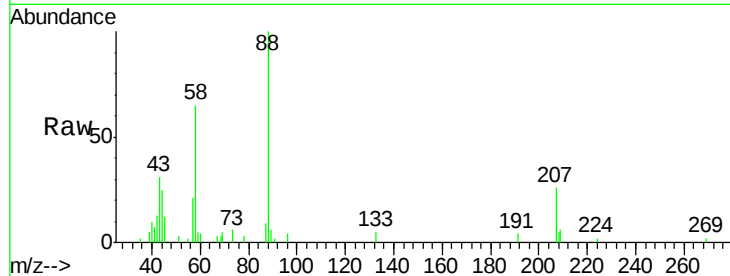
#49
1,4-Dioxane
Concen: 46.598 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	25.3	37.9
58	72.3	55.9	83.9

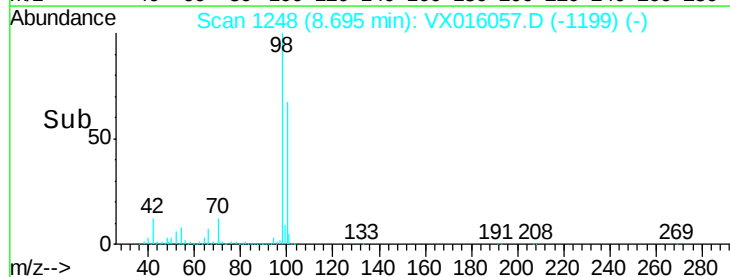
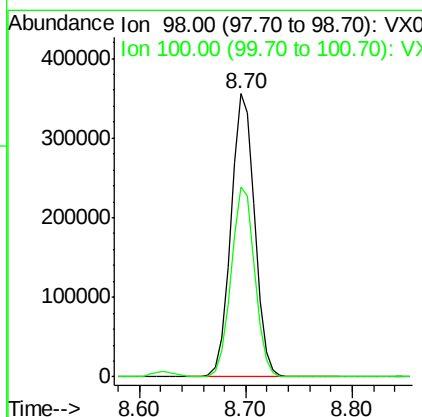
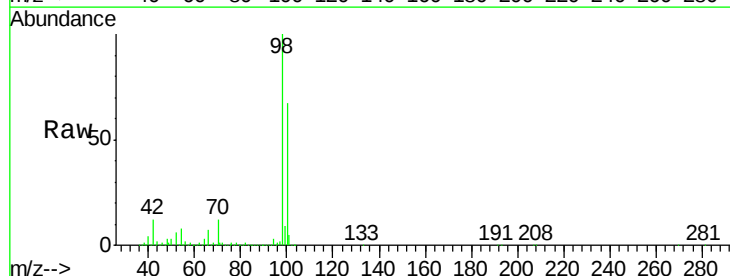
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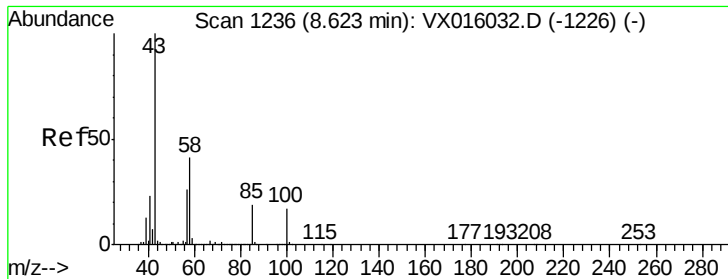
MMDadoda
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#50
Toluene-d8
Concen: 45.825 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 11.081 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 61205

Ion Ratio Lower Upper

43 100

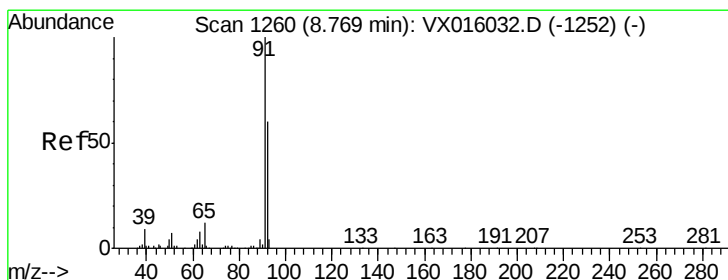
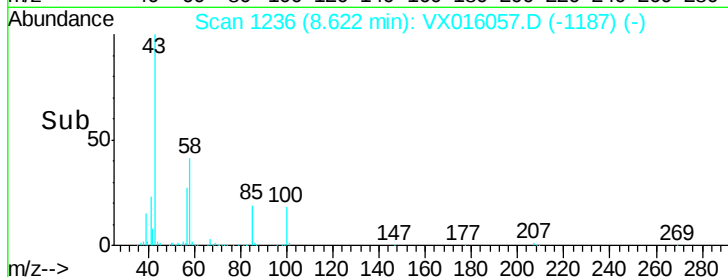
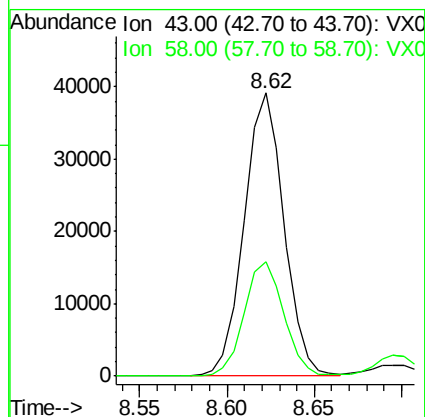
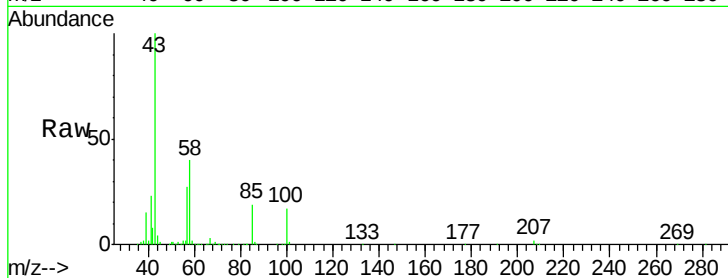
58 40.7 33.0 49.4

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#52

Toluene

Concen: 2.377 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016057.D

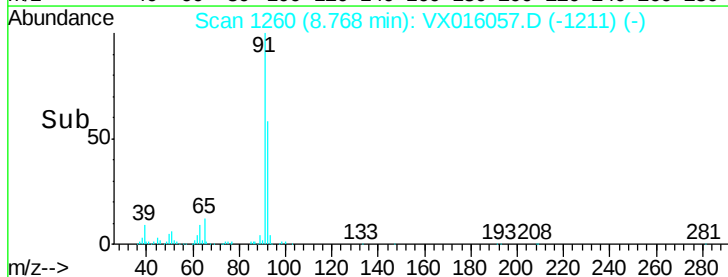
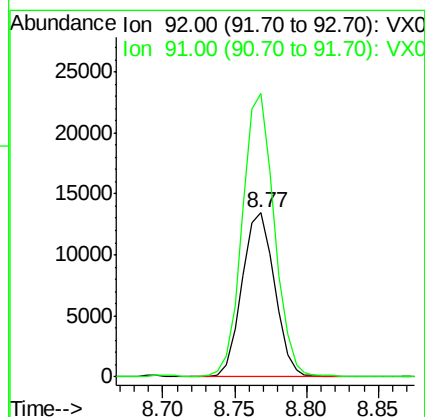
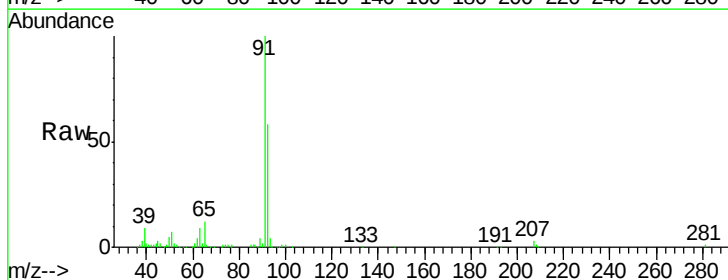
Acq: 05 May 2020 12:41

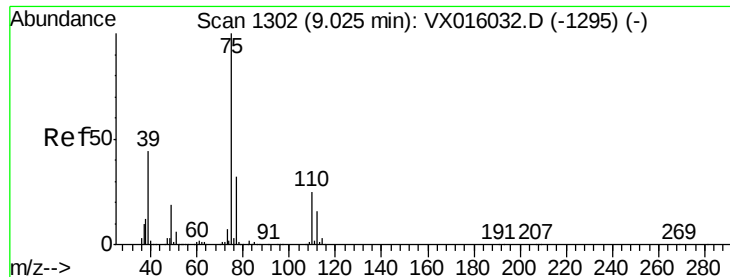
Tgt Ion: 92 Resp: 21161

Ion Ratio Lower Upper

92 100

91 168.8 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 2.273 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 75 Resp: 13552

Ion Ratio Lower Upper

75 100

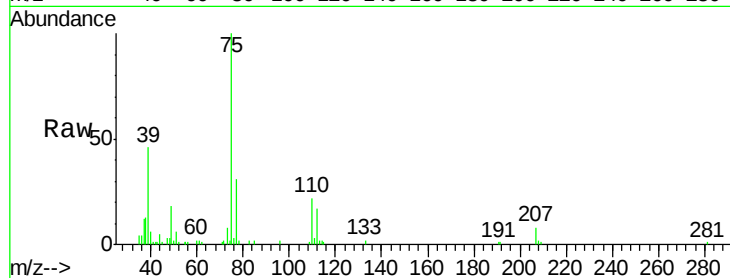
77 30.9 25.7 38.5

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

10000

8000

6000

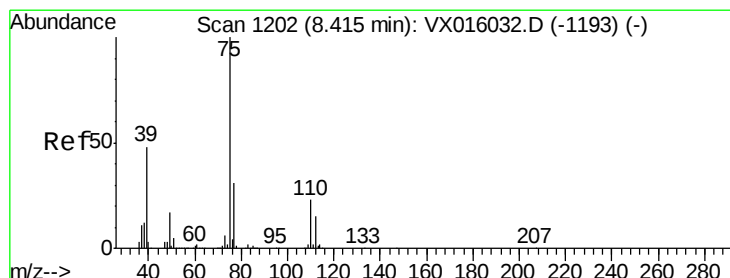
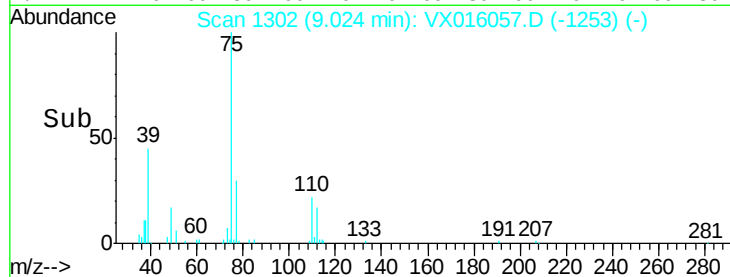
4000

2000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 2.247 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

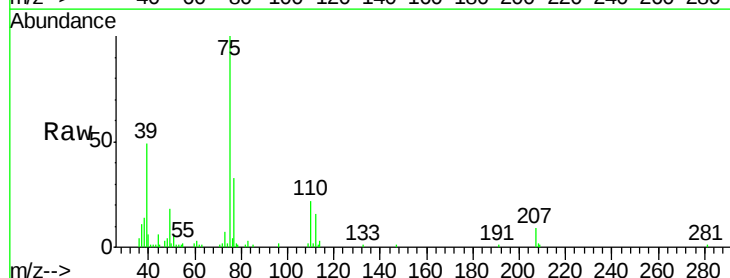
Tgt Ion: 75 Resp: 13999

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 49.0 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

12000

10000

8000

6000

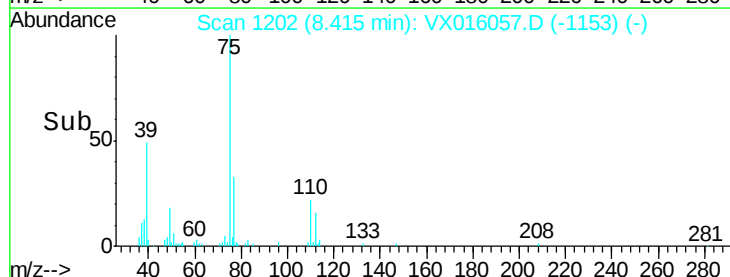
4000

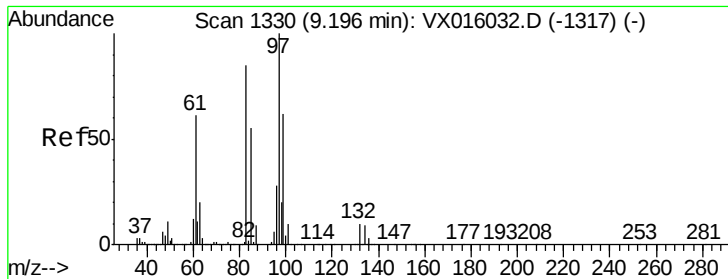
2000

0

8.35 8.40 8.45 8.50

Time-->





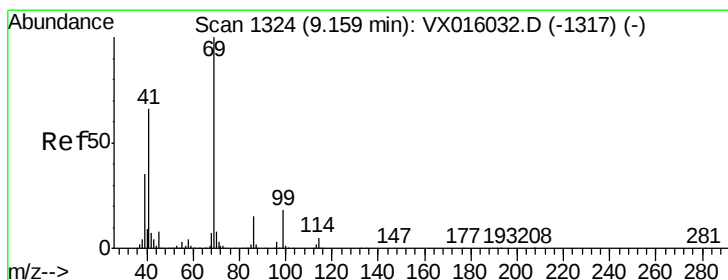
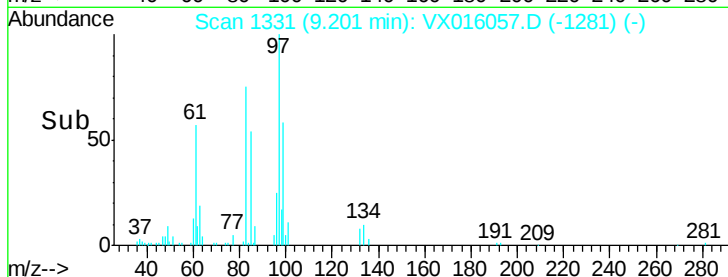
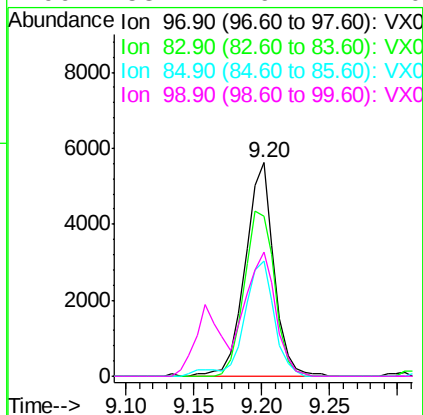
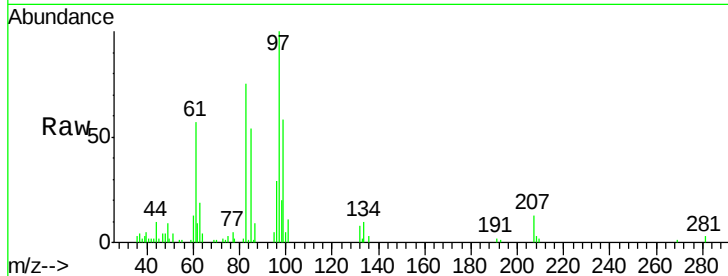
#55
 1,1,2-Trichloroethane
 Concen: 2.367 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

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

Tot Ion:	97	Resp:	8291
Ion	Ratio	Lower	Upper
97	100		
83	75.2	67.8	101.8
85	53.8	43.8	65.8
99	58.4	49.4	74.0

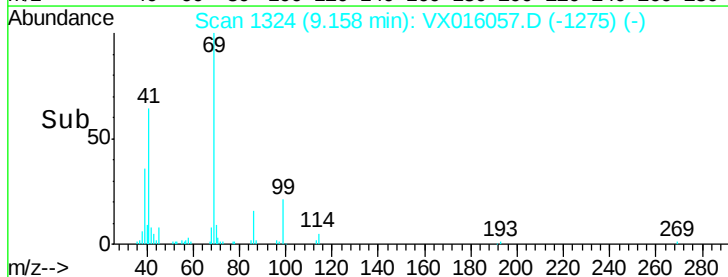
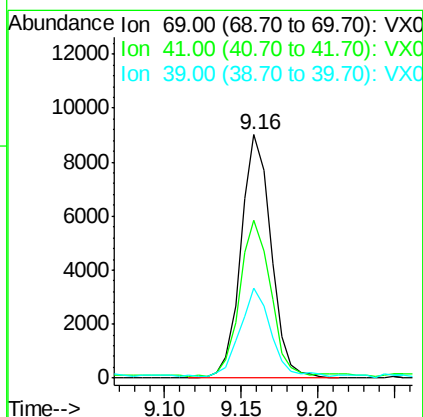
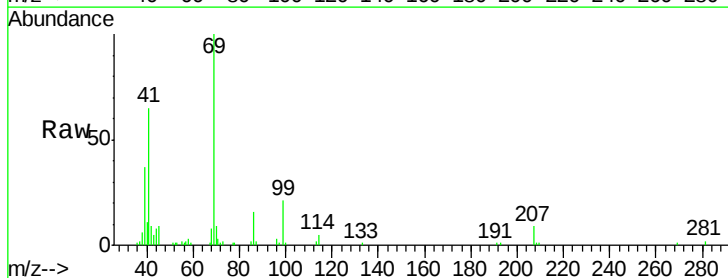
Manual Integrations
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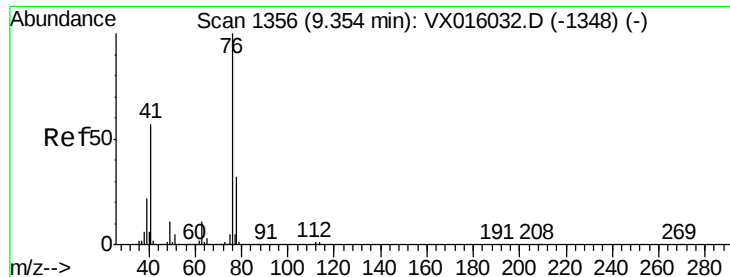
MMDadoda
 5/6/2020 12:27:19 PM



#56
 Ethyl methacrylate
 Concen: 2.161 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion:	69	Resp:	12356
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.4
39	40.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 2.319 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 76 Resp: 14170

Ion Ratio Lower Upper

76 100

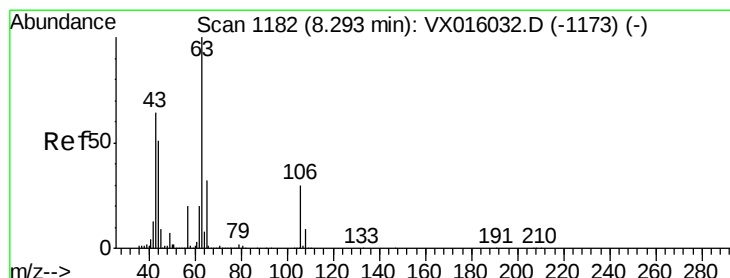
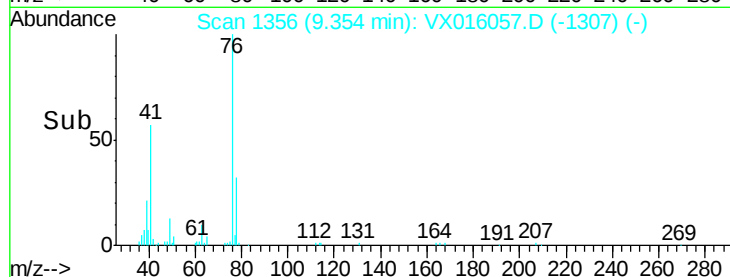
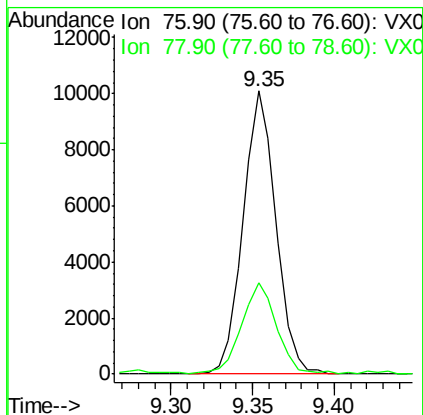
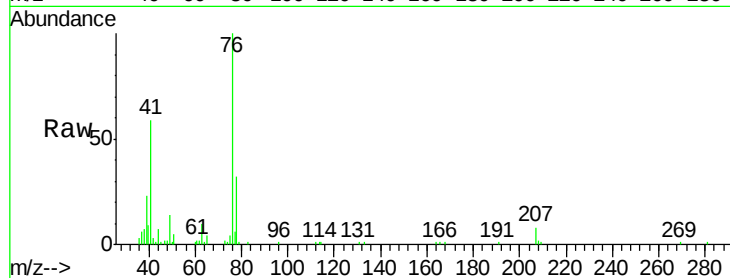
78 34.7 25.9 38.9

Manual Integrations

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5/6/2020 12:27:19 PM



#58

2-Chloroethyl Vinyl ether

Concen: 10.705 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016057.D

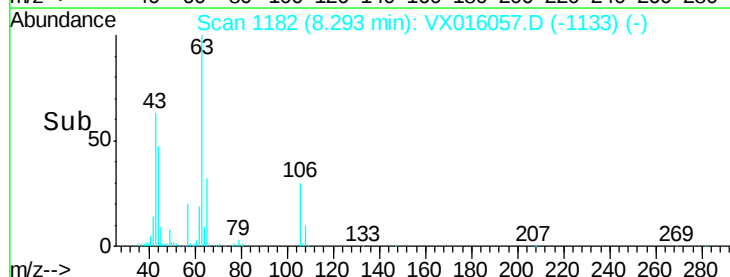
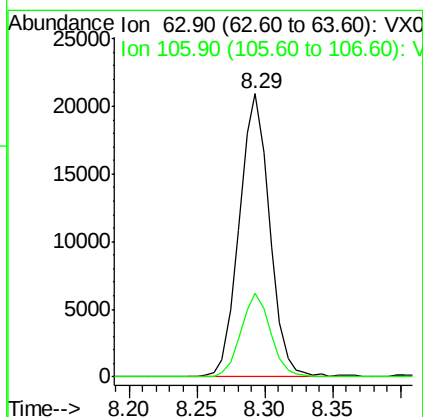
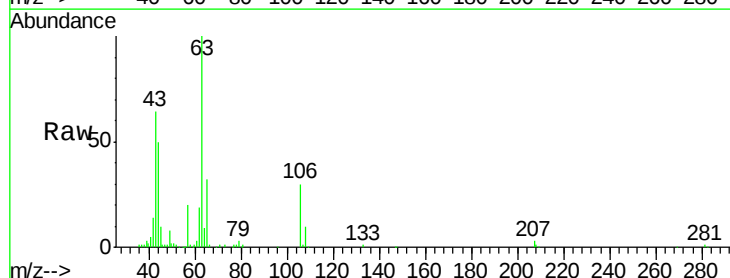
Acq: 05 May 2020 12:41

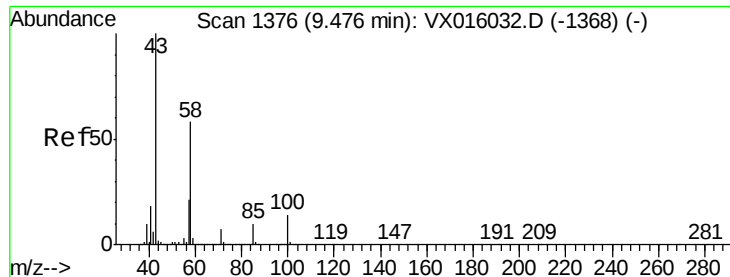
Tgt Ion: 63 Resp: 32581

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.2





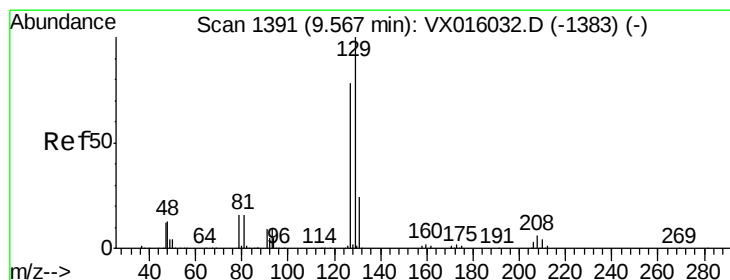
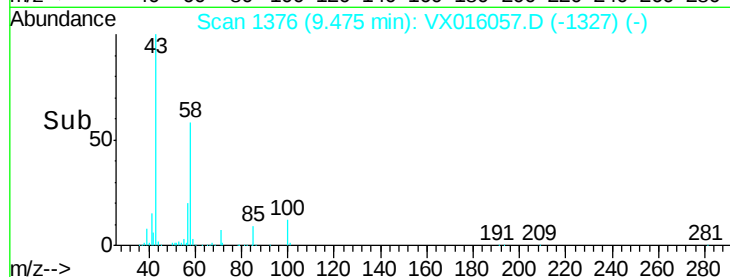
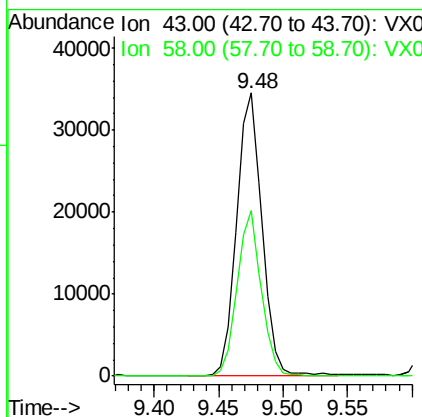
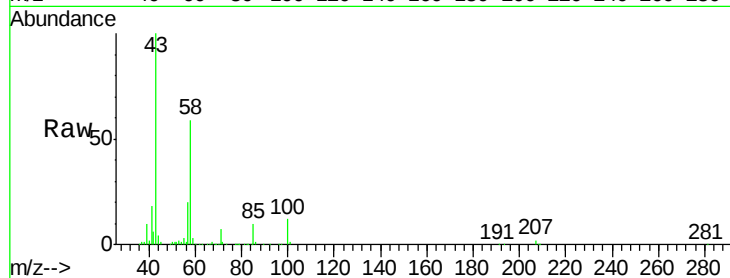
#59
2-Hexanone
Concen: 10.852 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	43	Resp	47076
Ion Ratio	100	Lower	Upper
43	100		
58	56.2	28.6	85.9

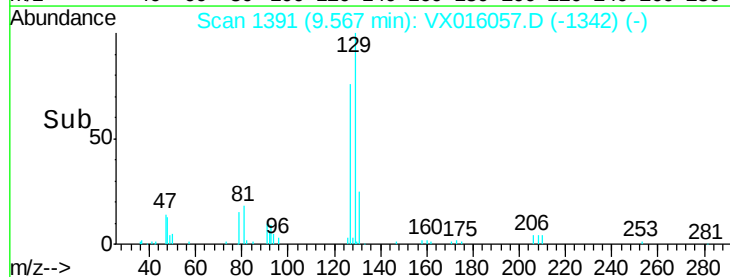
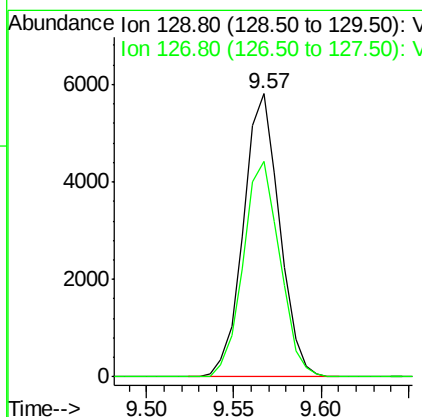
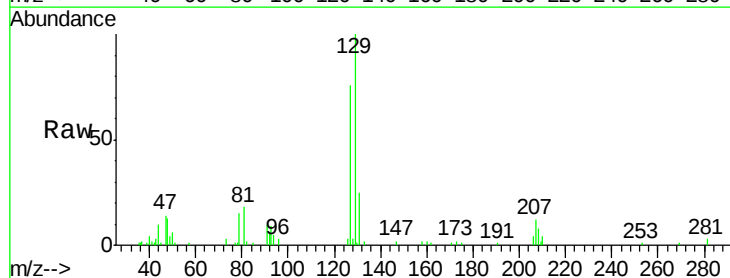
Manual Integrations
APPROVED

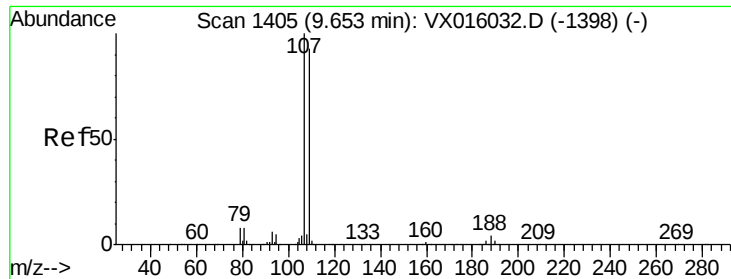
MMDadoda
5/6/2020 12:27:19 PM



#60
Dibromochloromethane
Concen: 2.158 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	129	Resp	8323
Ion Ratio	100	Lower	Upper
129	100		
127	77.2	38.4	115.2





#61

1,2-Dibromoethane

Concen: 2.330 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 107 Resp: 8841

Ion Ratio Lower Upper

107 100

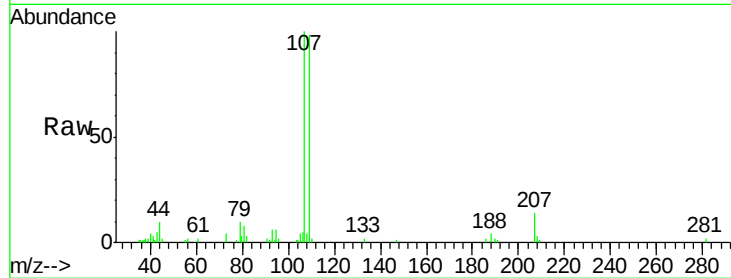
109 92.4 74.9 112.3

Manual Integrations

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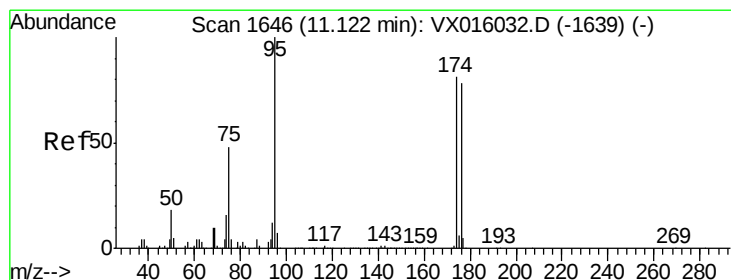
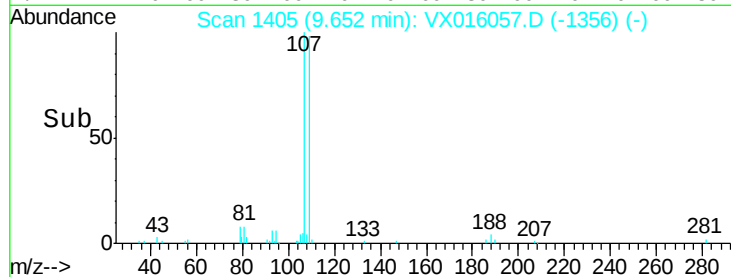
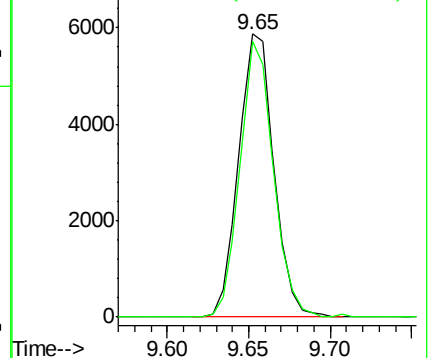
MMDadoda

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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: 44.467 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

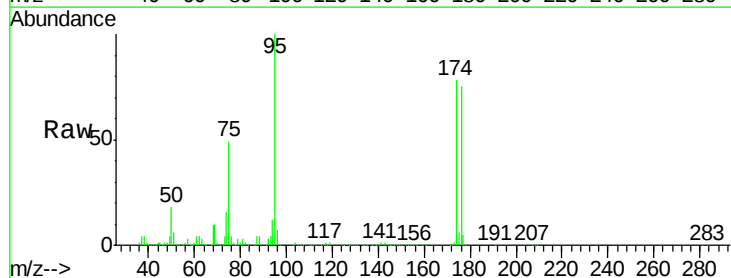
Tgt Ion: 95 Resp: 204724

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.4

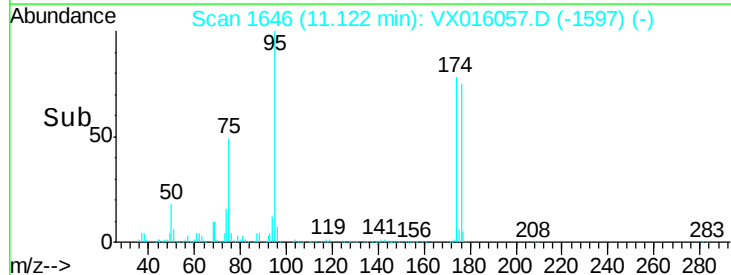
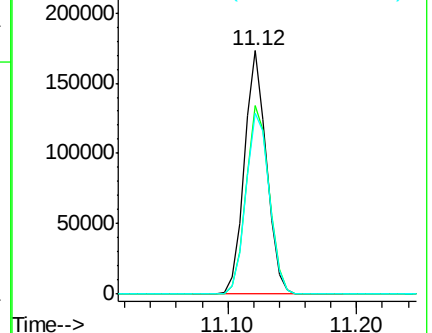
176 78.8 0.0 157.6

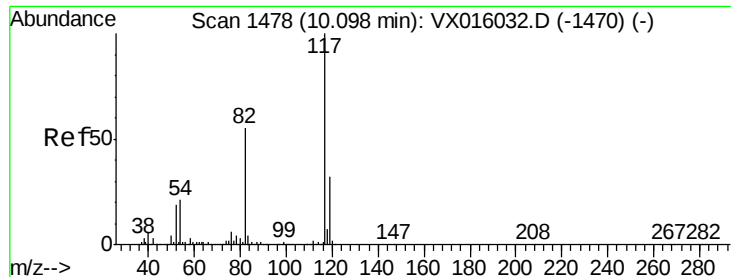


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





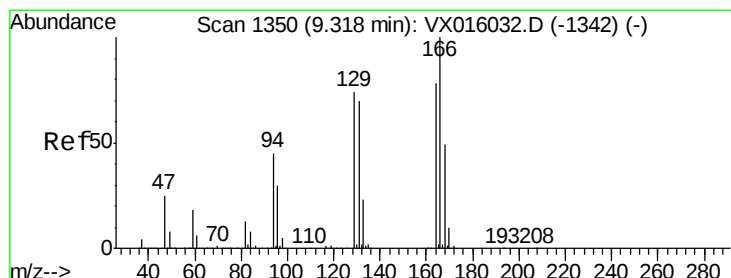
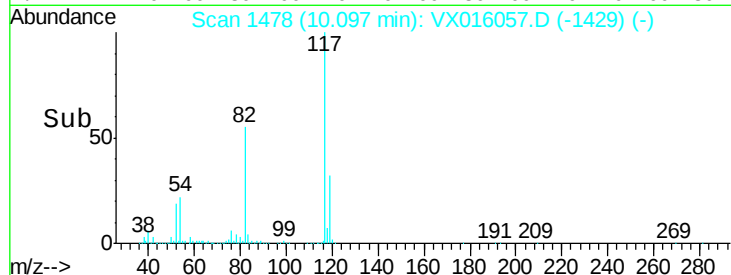
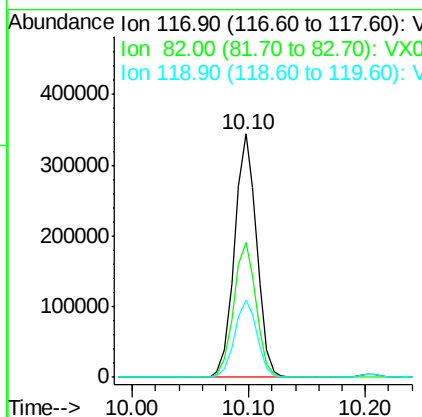
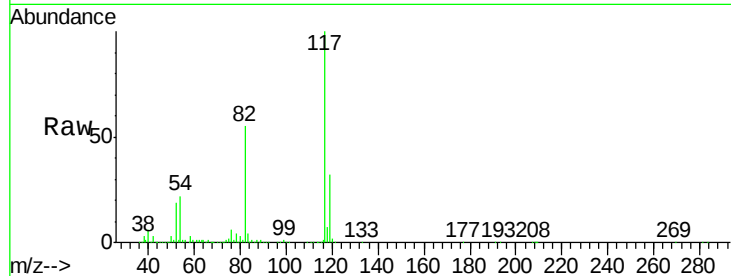
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.2	44.4	66.6
119	31.9	25.5	38.3

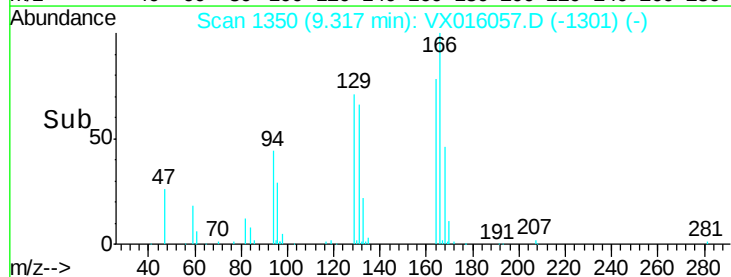
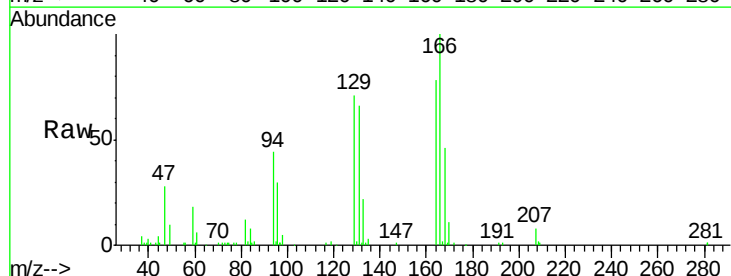
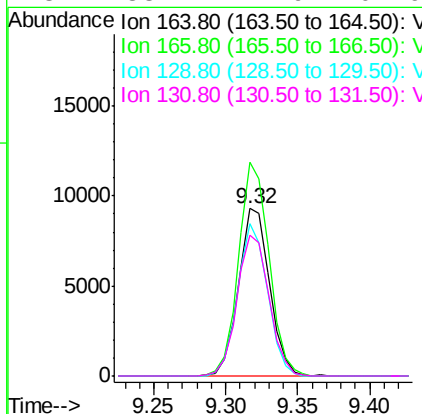
Manual Integrations
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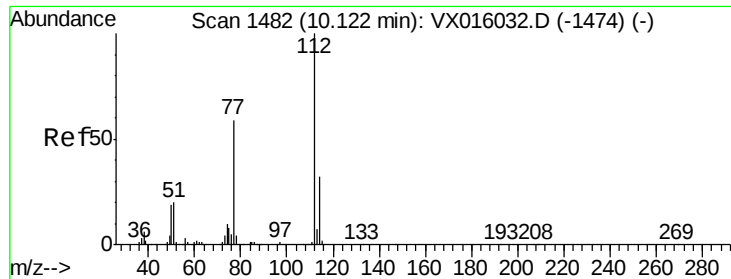
MMDadoda
5/6/2020 12:27:19 PM



#64
Tetrachloroethene
Concen: 2.488 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.5	102.9	154.3
129	90.7	76.1	114.1
131	83.7	71.9	107.9





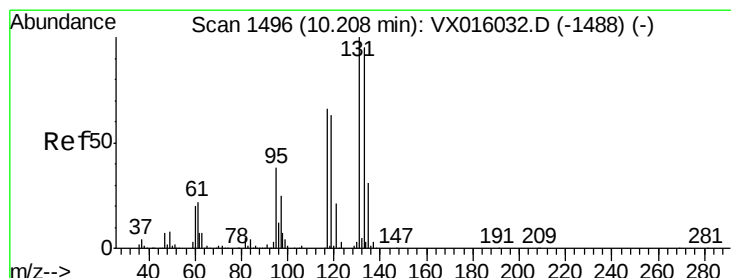
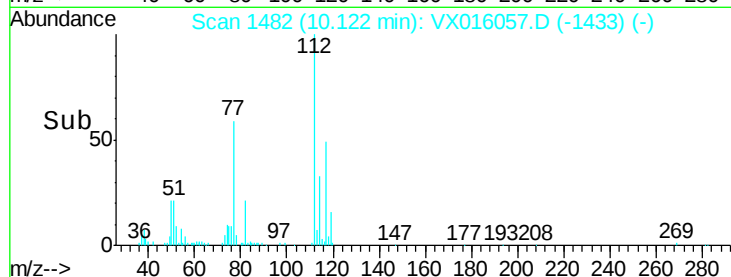
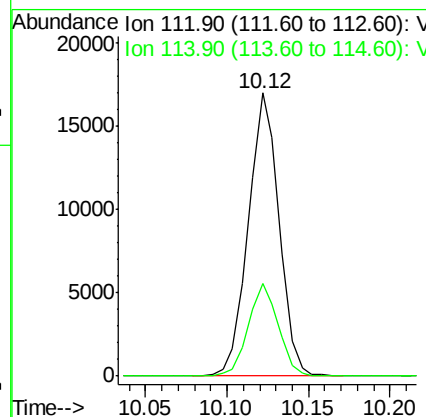
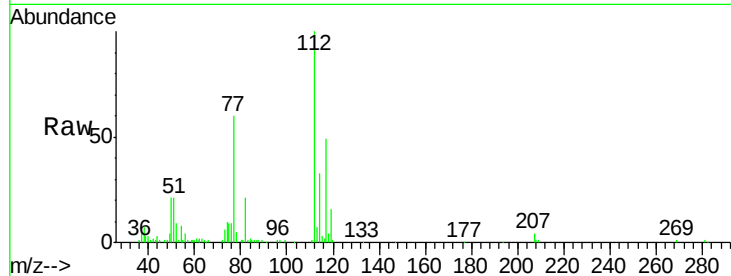
#65
Chlorobenzene
Concen: 2.343 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.7	38.5

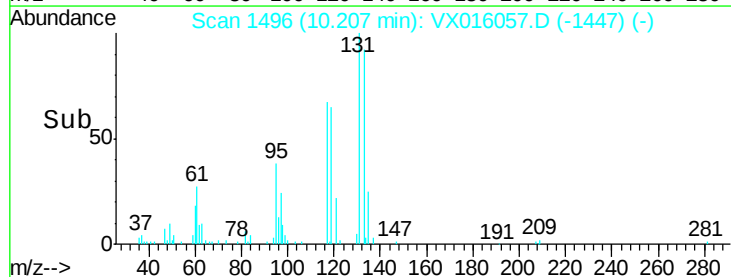
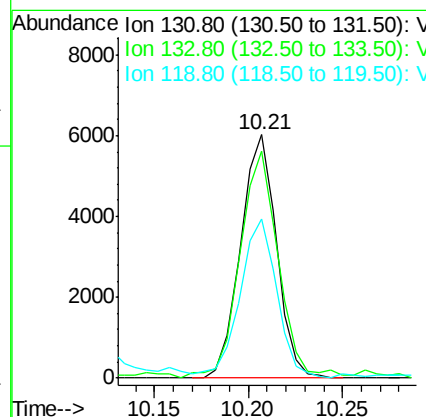
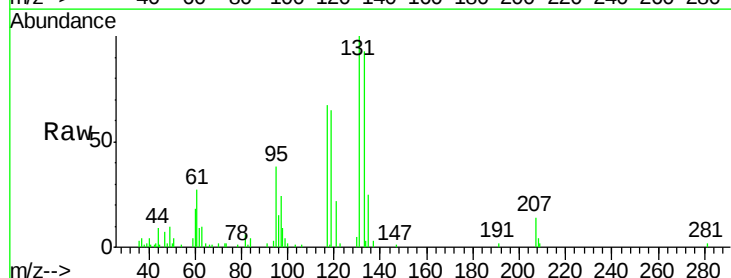
Manual Integrations
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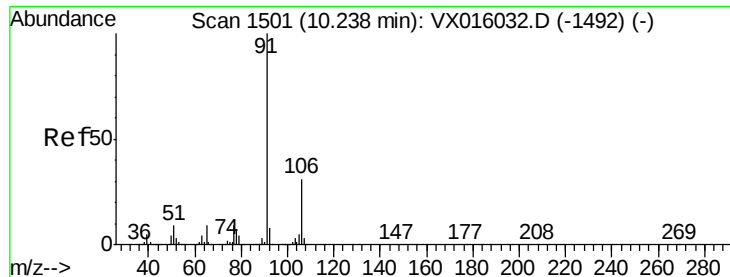
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.256 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.3	48.3	144.8
119	67.3	32.3	96.9





#67

Ethyl Benzene

Concen: 2.283 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 91 Resp: 38871

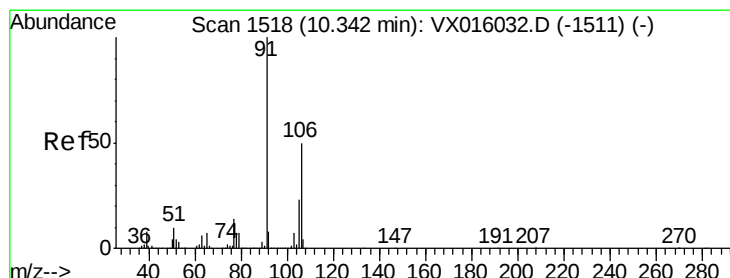
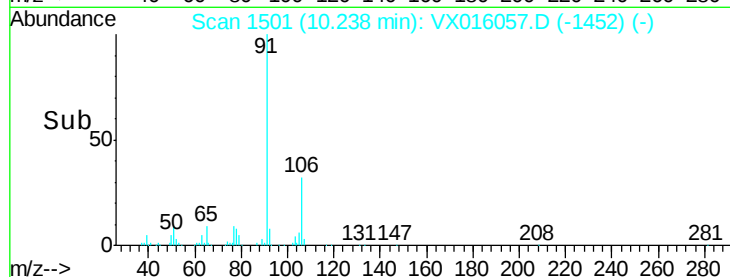
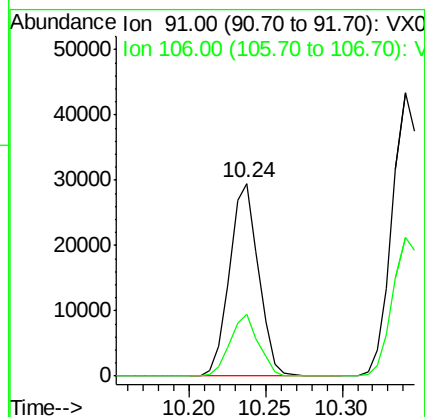
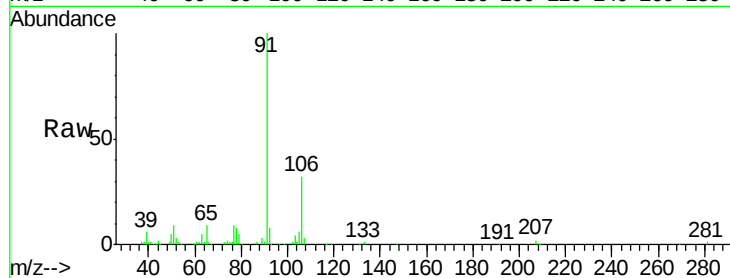
Ion Ratio Lower Upper

91 100

106 32.4 25.1 37.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 4.562 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016057.D

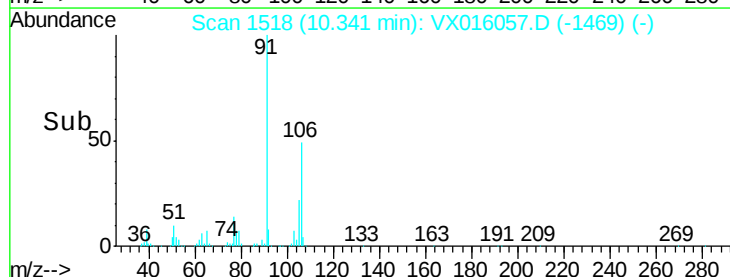
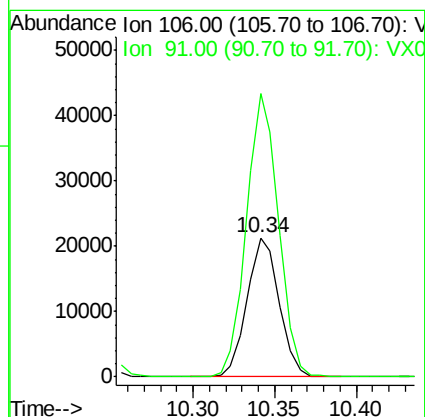
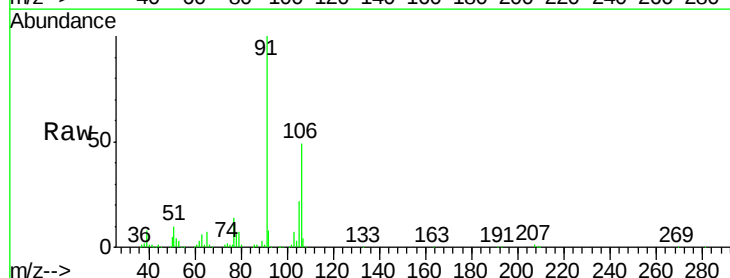
Acq: 05 May 2020 12:41

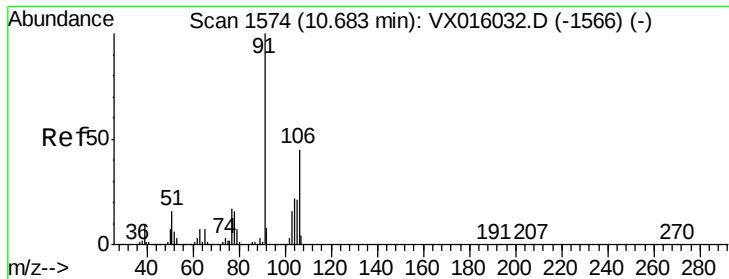
Tgt Ion: 106 Resp: 29108

Ion Ratio Lower Upper

106 100

91 202.4 161.7 242.5





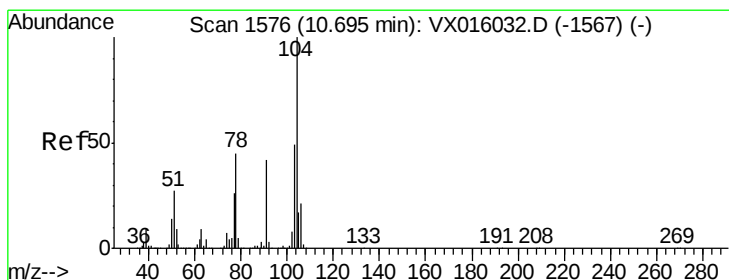
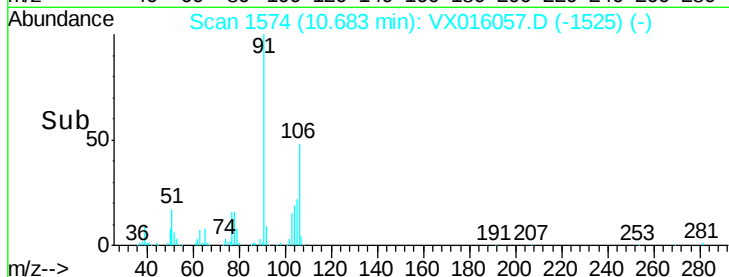
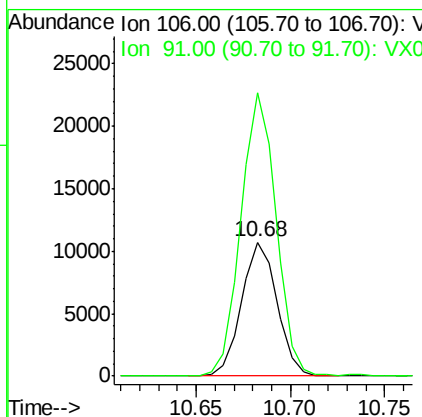
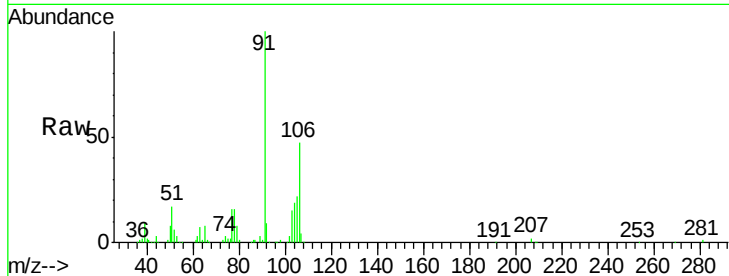
#69
o-Xylene
Concen: 2.285 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.2	107.5	322.6	

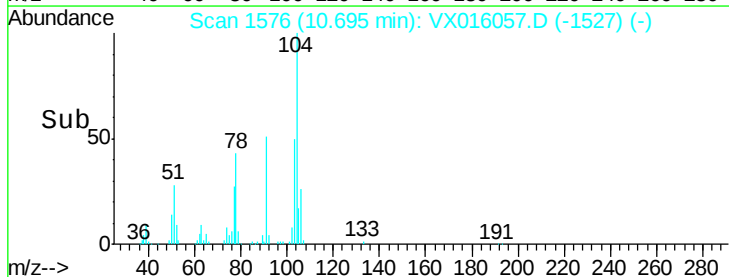
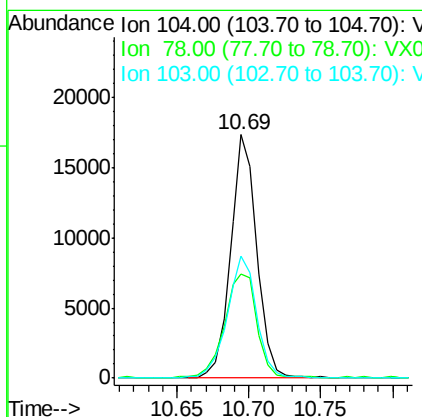
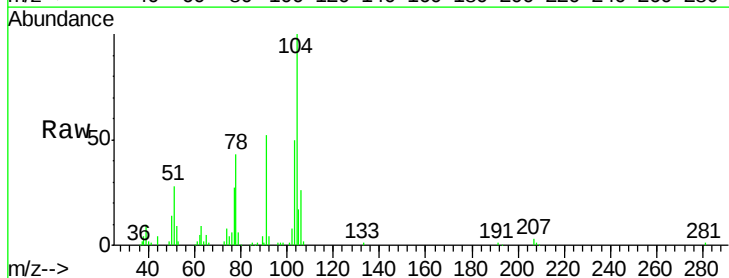
Manual Integrations
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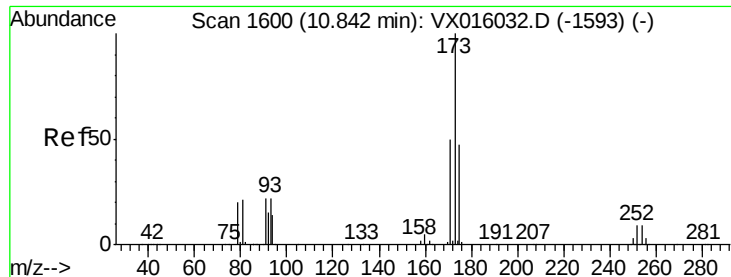
MMDadoda
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#70
Styrene
Concen: 2.130 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	53.6	40.2	60.2	
103	56.1	43.0	64.6	





#71

Bromoform

Concen: 2.047 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

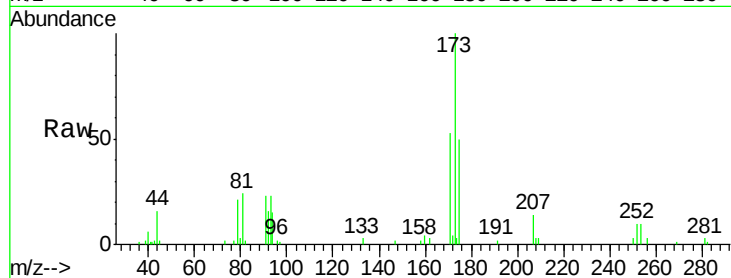
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

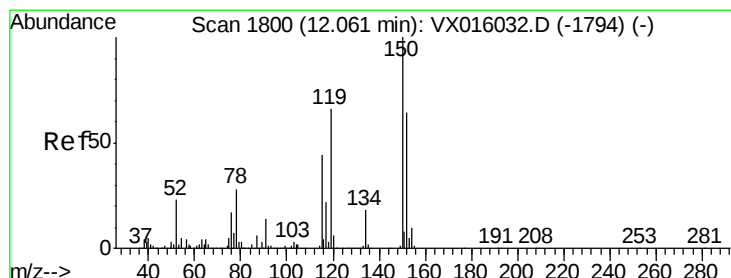
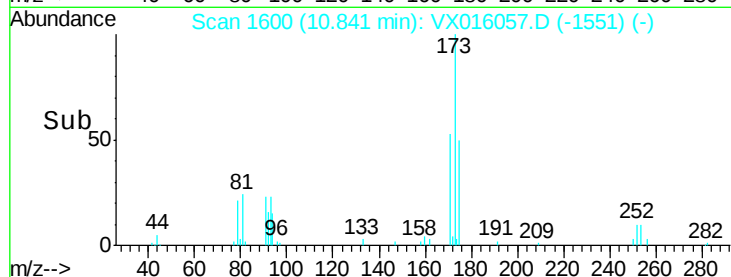
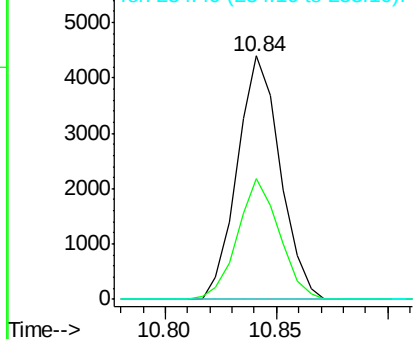
Tot Ion:	173	Resp:	5882
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.0	72.0
254	0.0	0.1	0.1#

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

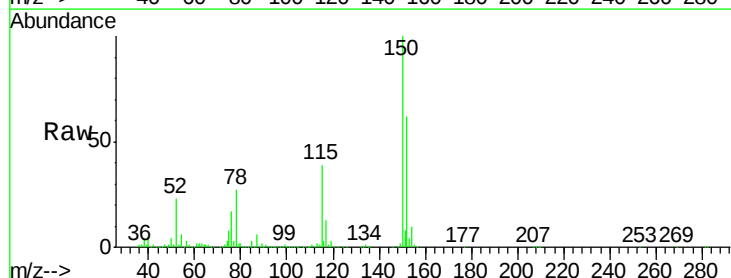
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

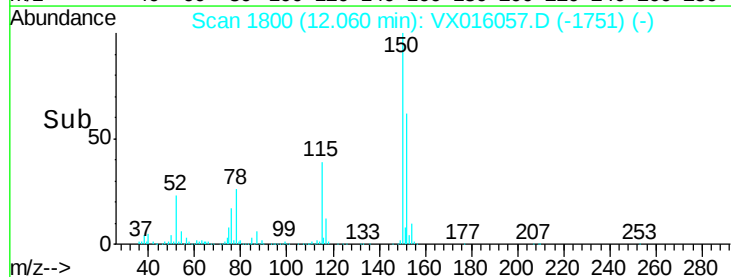
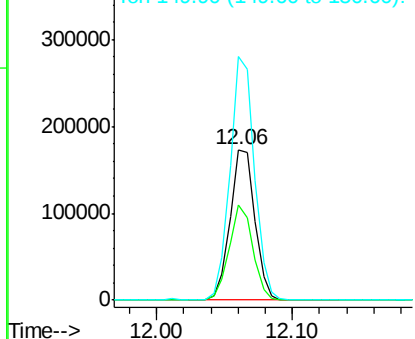
Lab File: VX016057.D

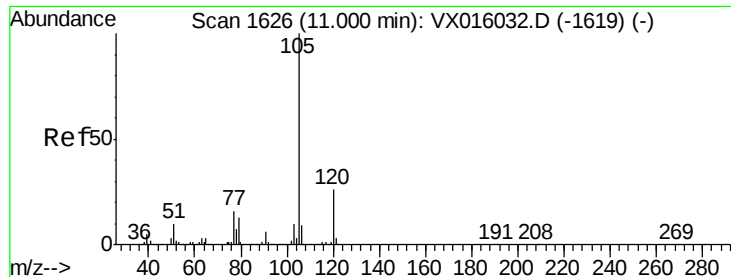
Acq: 05 May 2020 12:41

Tgt Ion:	152	Resp:	219638
Ion Ratio	Lower	Upper	
152	100		
115	60.8	41.3	124.1
150	158.4	0.0	352.2



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





#73

Isopropylbenzene

Concen: 2.336 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 105 Resp: 37326

Ion Ratio Lower Upper

105 100

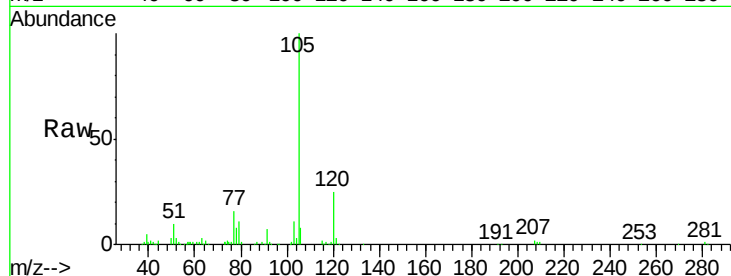
120 26.4 13.4 40.2

Manual Integrations

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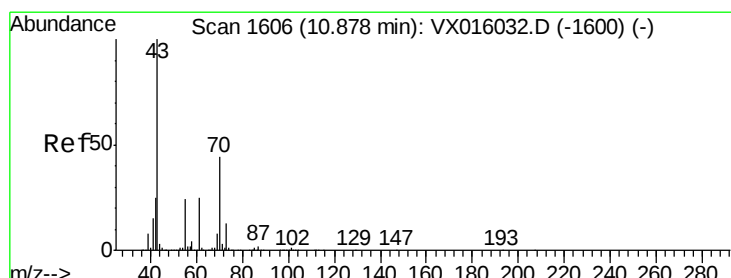
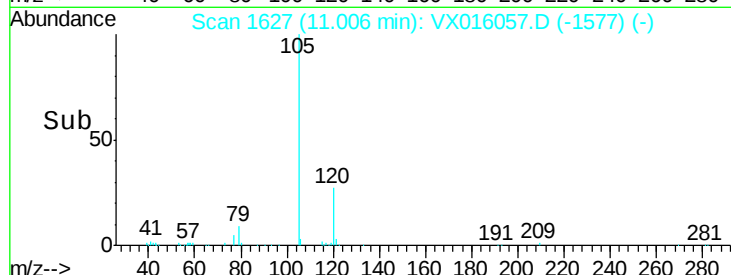
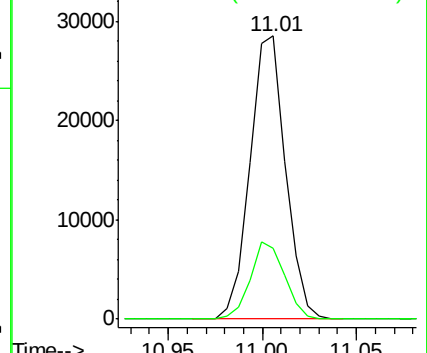
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.158 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion: 43 Resp: 16079

Ion Ratio Lower Upper

43 100

70 46.0 36.5 54.7

55 26.5 19.7 29.5

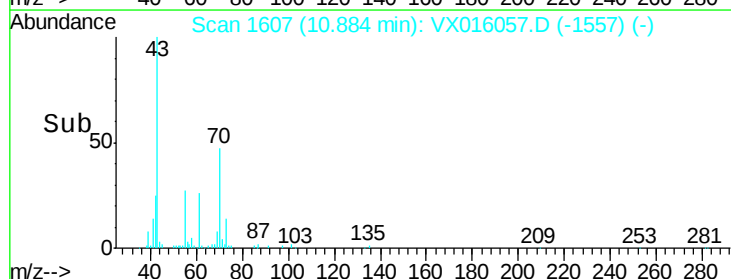
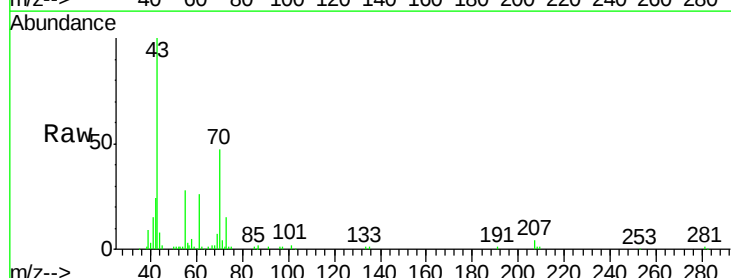
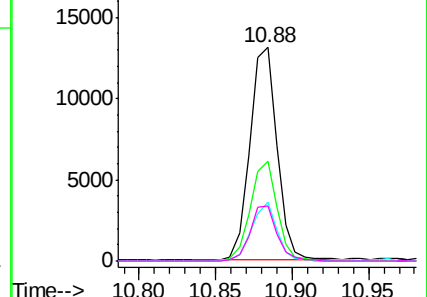
61 25.6 20.9 31.3

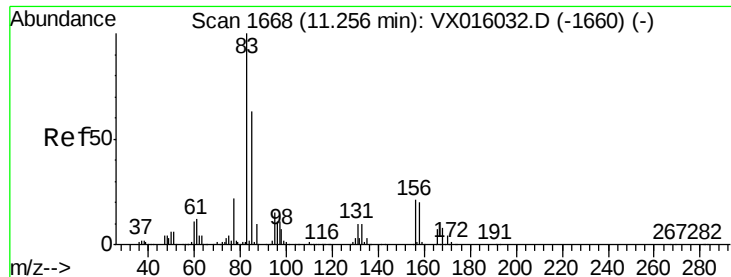
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.189 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

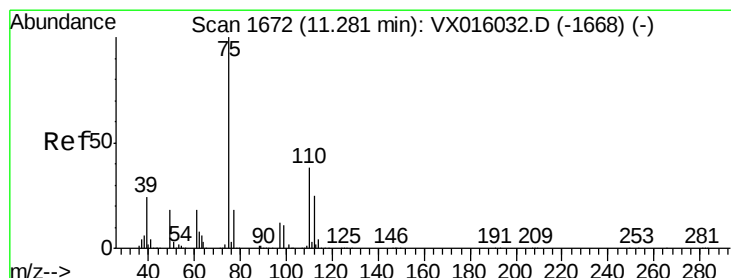
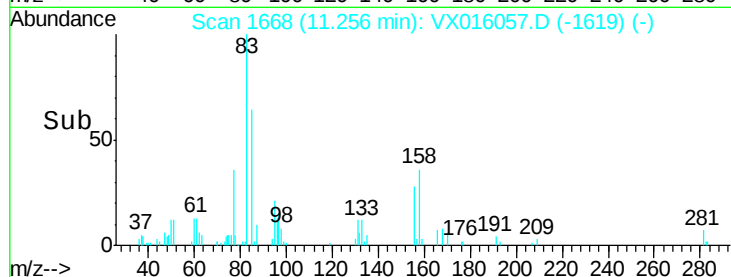
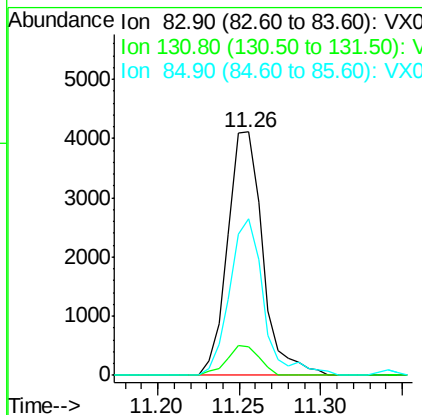
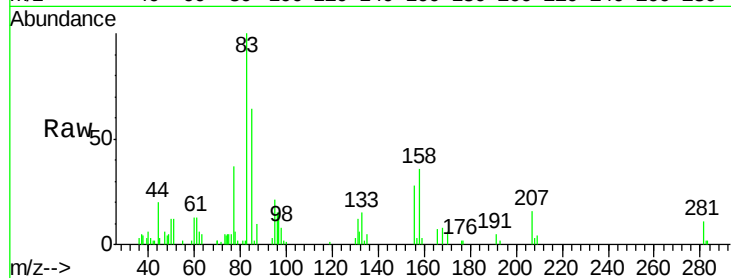
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	83	Resp:	6167
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	62.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 2.312 ug/l m

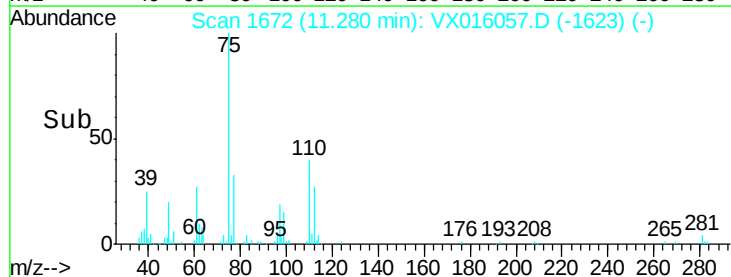
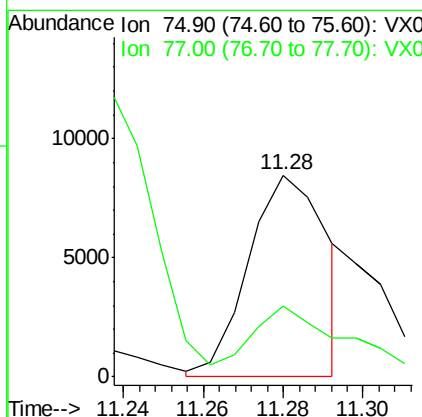
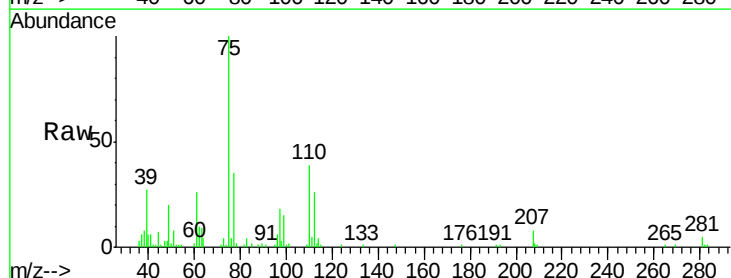
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	75	Resp:	11524
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.2	63.6





#77

Bromobenzene

Concen: 2.335 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

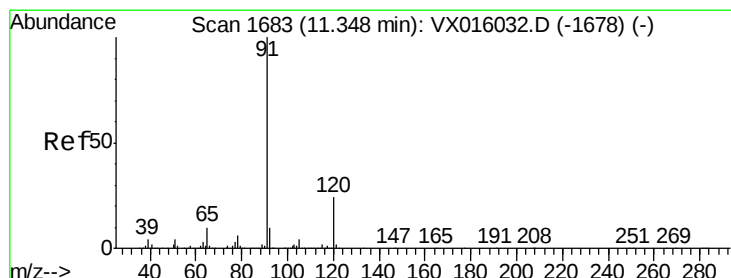
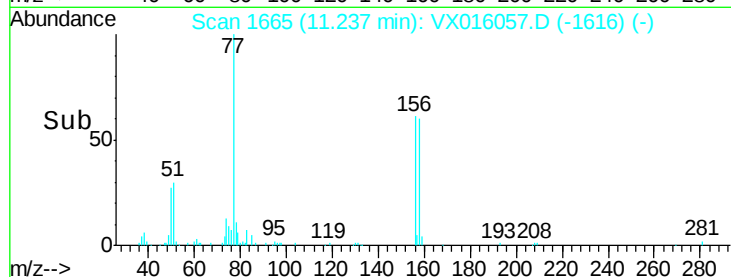
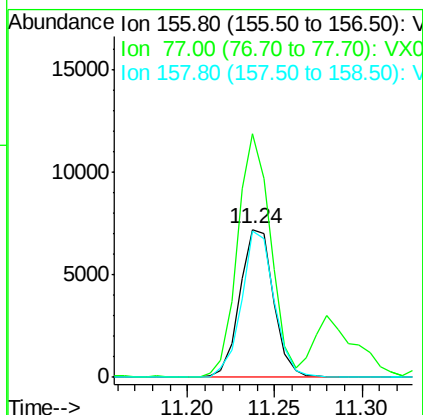
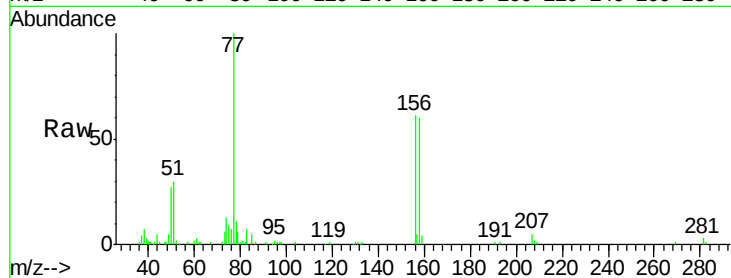
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	156	Resp:	9627
Ion Ratio	Lower	Upper	
156	100		
77	162.8	80.1	240.3
158	95.9	49.4	148.2

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#78

n-propylbenzene

Concen: 2.320 ug/l

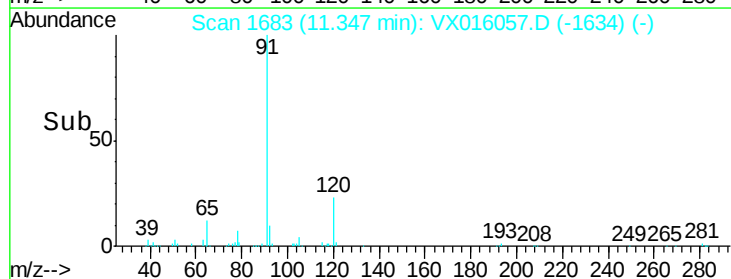
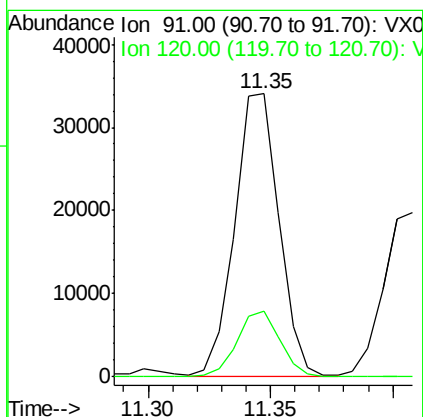
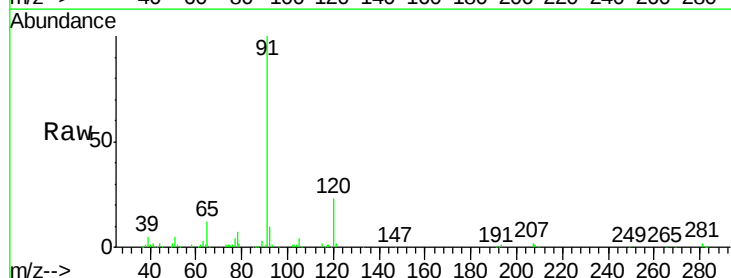
RT: 11.35 min Scan# 1683

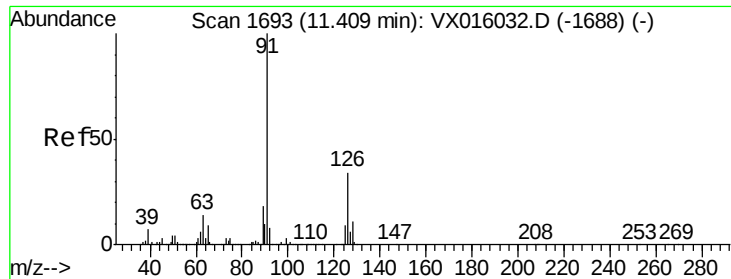
Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	91	Resp:	43123
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.5





#79

2-Chlorotoluene

Concen: 2.343 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 91 Resp: 25700

Ion Ratio Lower Upper

91 100

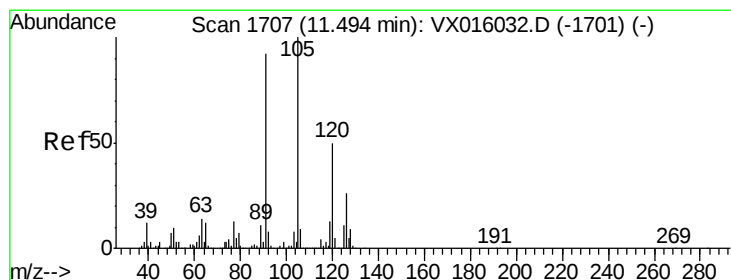
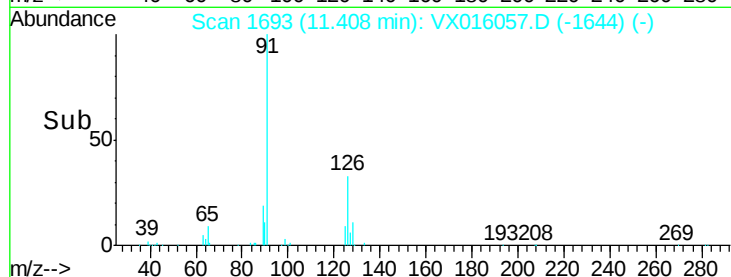
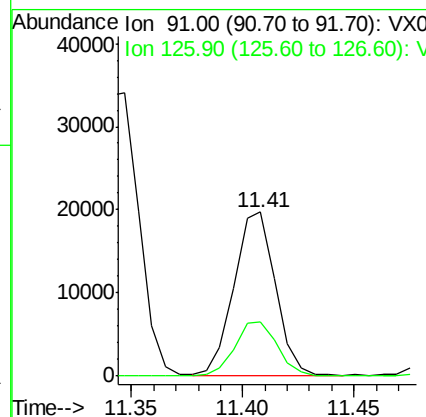
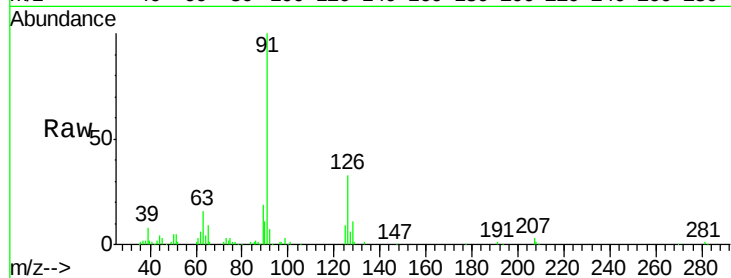
126 34.0 16.9 50.6

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#80

1,3,5-Trimethylbenzene

Concen: 2.176 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016057.D

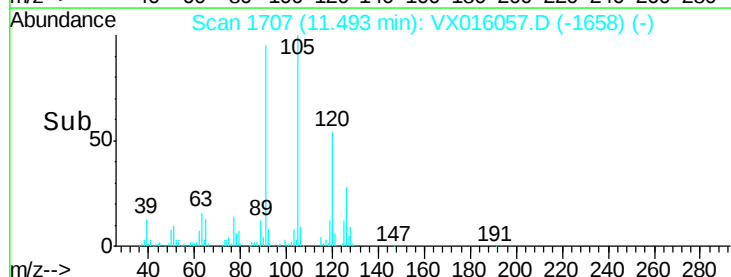
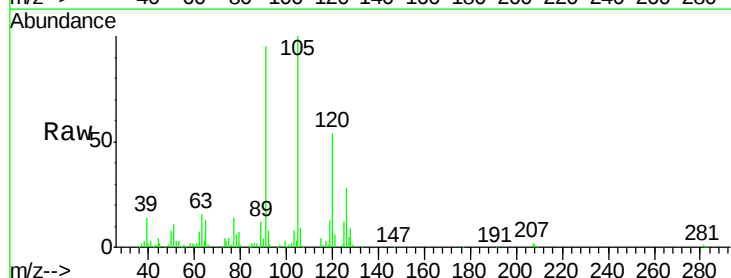
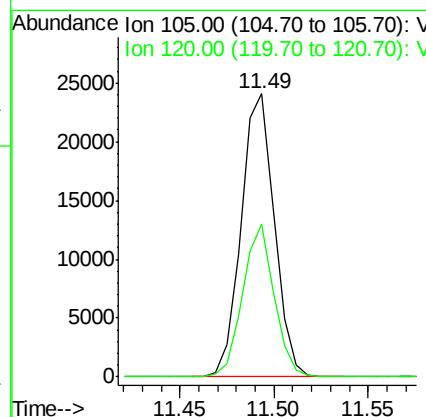
Acq: 05 May 2020 12:41

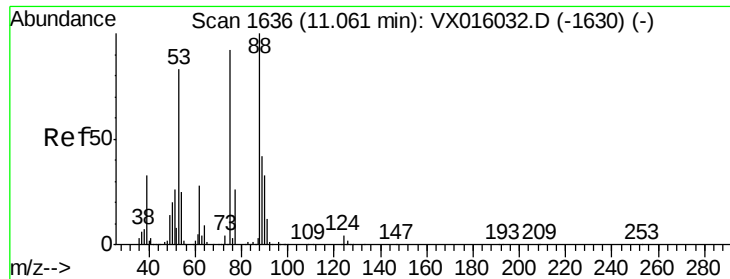
Tgt Ion: 105 Resp: 29355

Ion Ratio Lower Upper

105 100

120 51.3 24.6 74.0





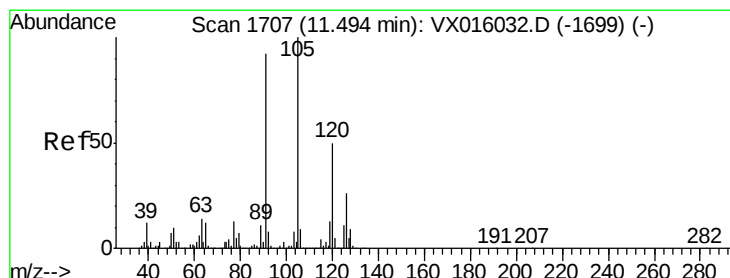
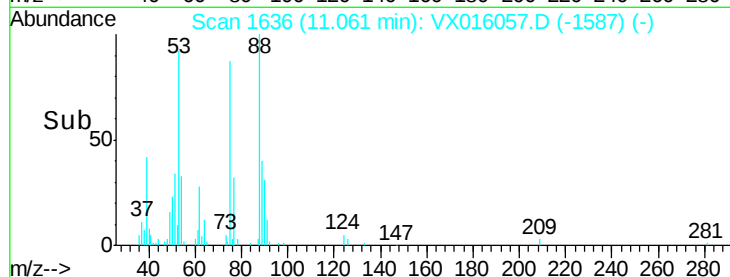
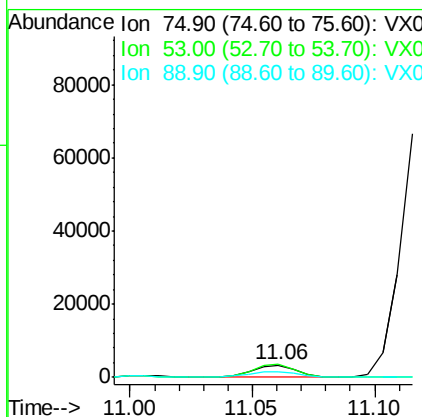
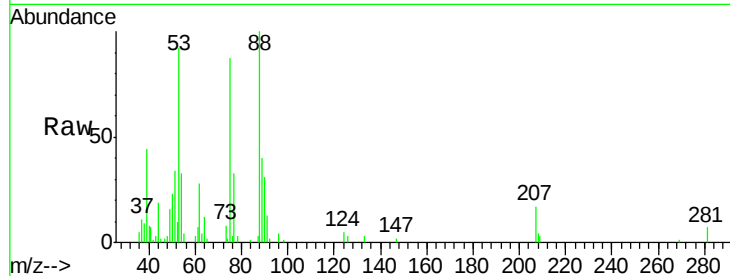
#81
trans-1,4-Dichloro-2-butene
Concen: 2.038 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	73.1	109.7
89	48.0	36.7	55.1

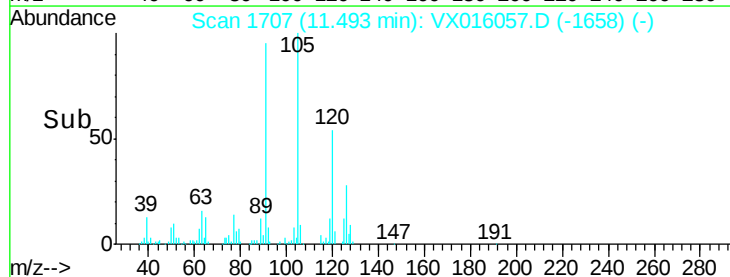
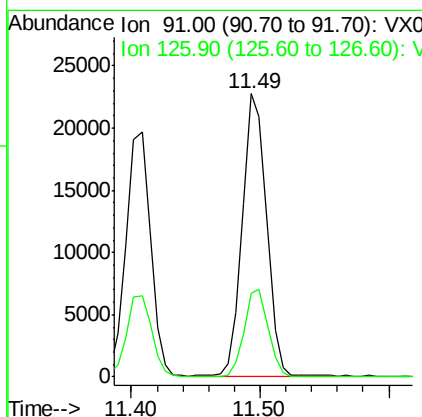
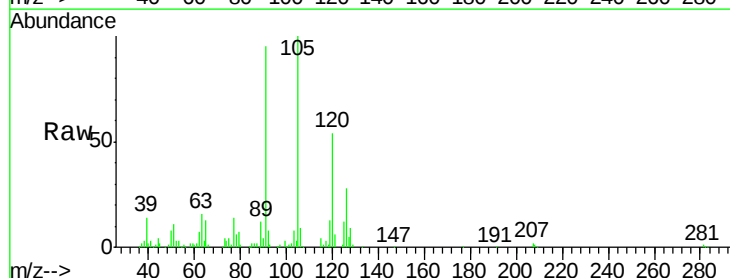
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#82
4-Chlorotoluene
Concen: 2.276 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	14.8	44.3





#83

tert-Butylbenzene

Concen: 2.243 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

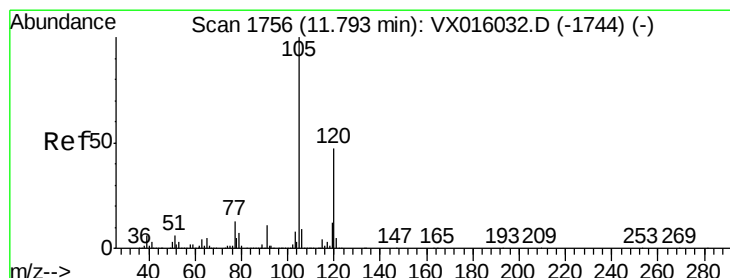
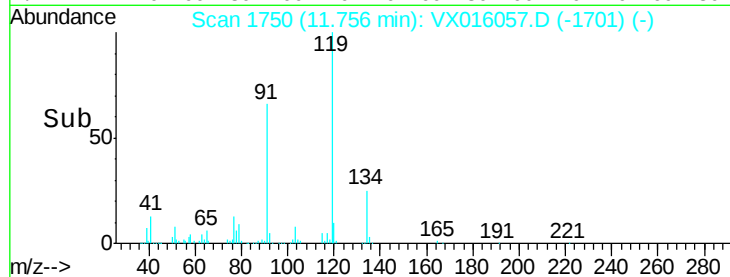
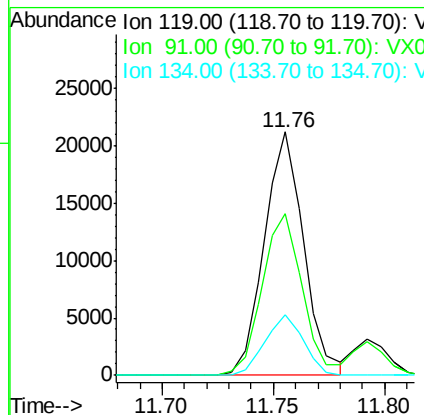
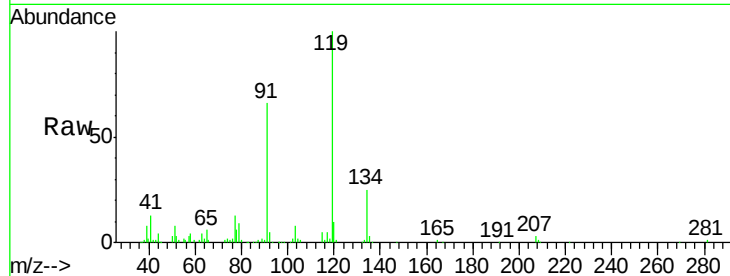
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	119	Resp:	26078
Ion Ratio	Lower	Upper	
119	100		
91	67.9	32.8	98.4
134	24.5	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 2.210 ug/l

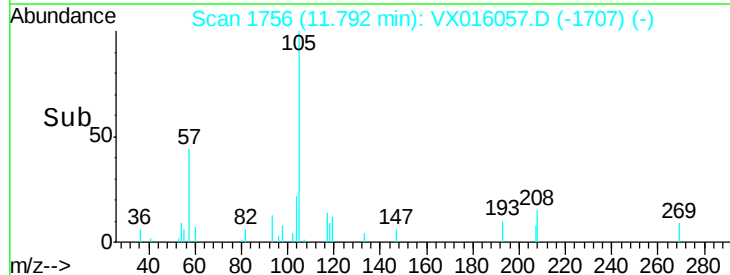
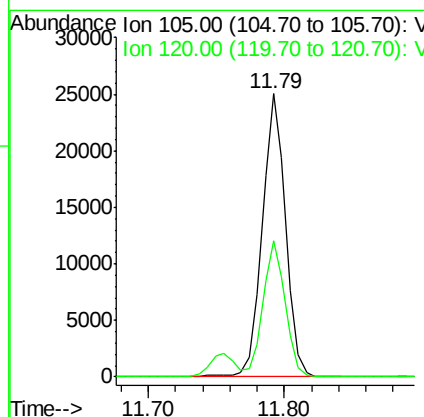
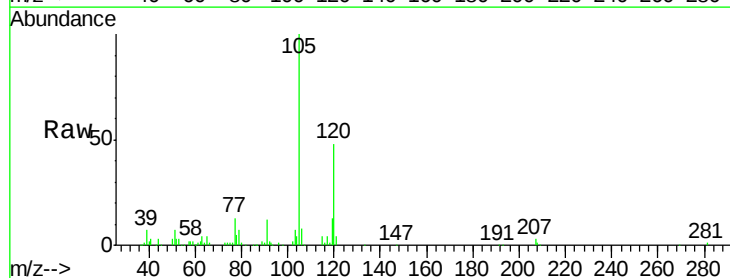
RT: 11.79 min Scan# 1756

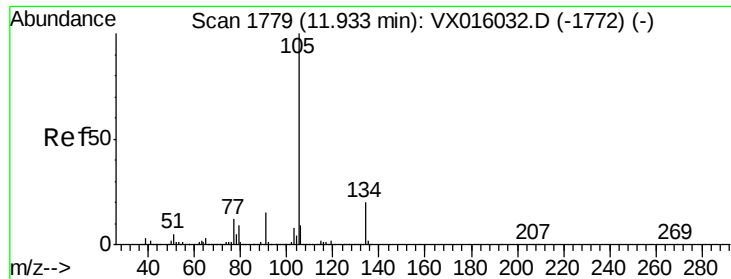
Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	105	Resp:	30141
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.0	69.0





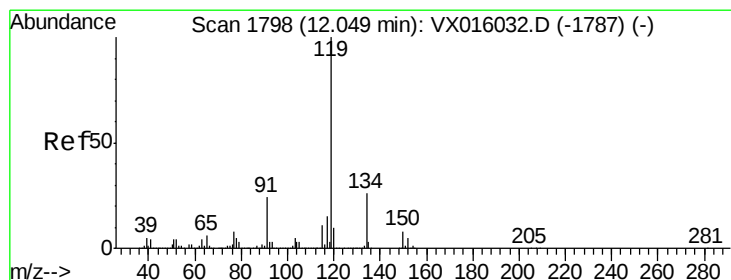
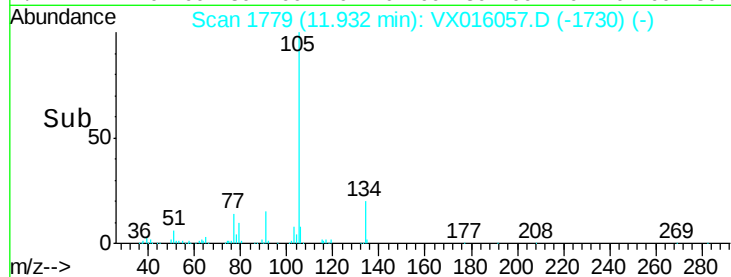
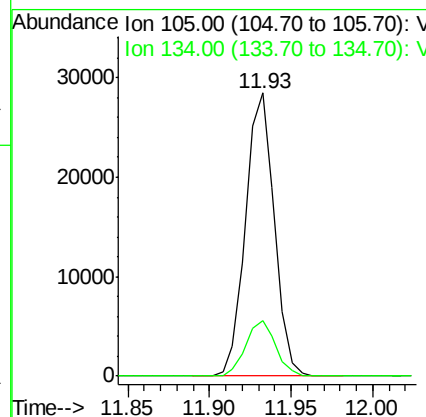
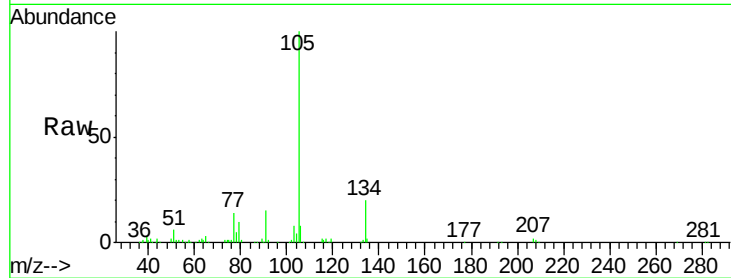
#85
 sec-Butylbenzene
 Concen: 2.232 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Resp	Lower	Upper
105	100	35023		
134	20.5	10.1	30.3	

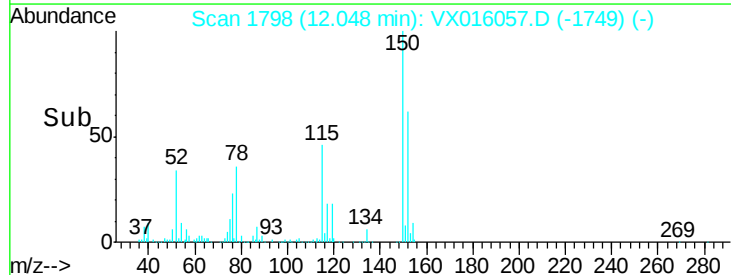
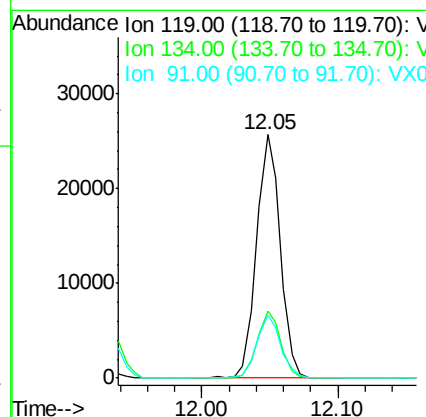
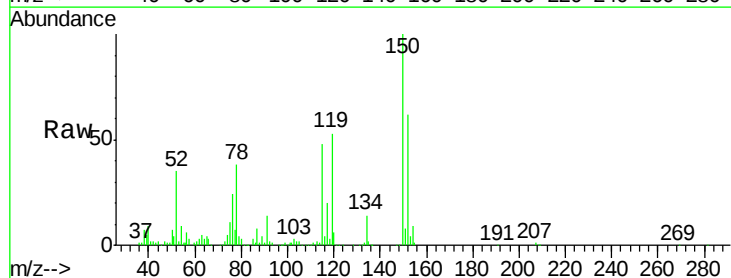
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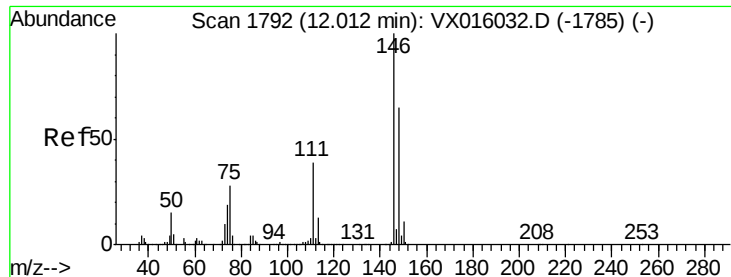
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#86
 p-Isopropyltoluene
 Concen: 2.163 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	31522		
134	27.3	13.1	39.3	
91	26.6	11.8	35.4	





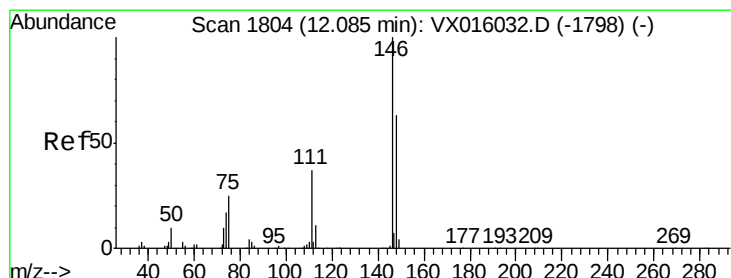
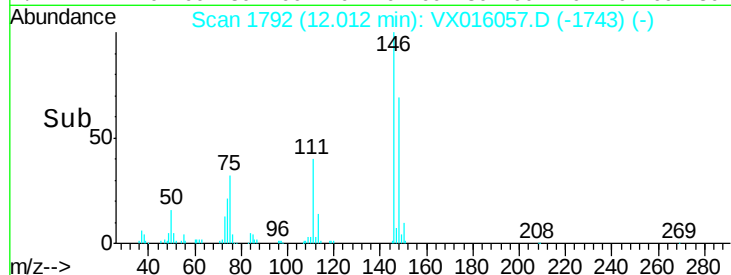
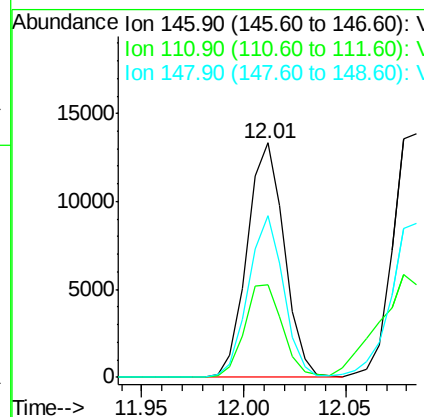
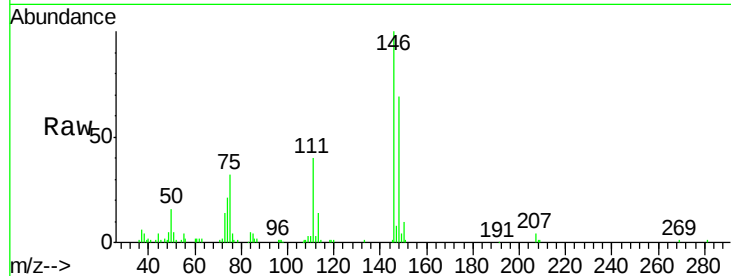
#87
 1,3-Dichlorobenzene
 Concen: 2.273 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	65.8	32.1	96.3

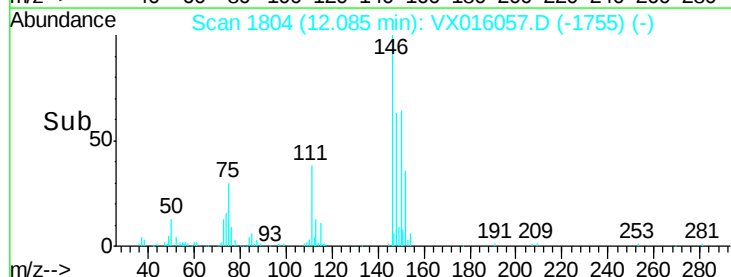
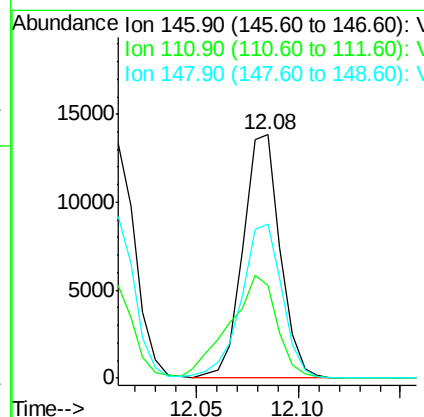
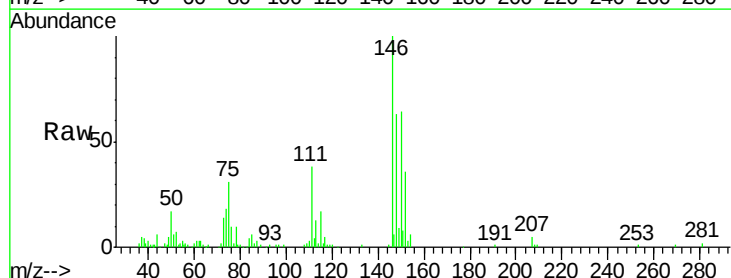
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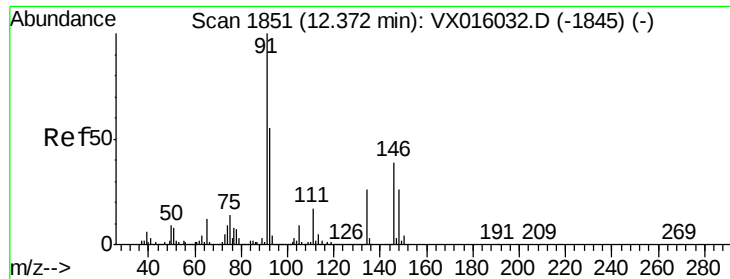
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#88
 1,4-Dichlorobenzene
 Concen: 2.331 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.4	19.6	58.7
148	70.0	31.8	95.3





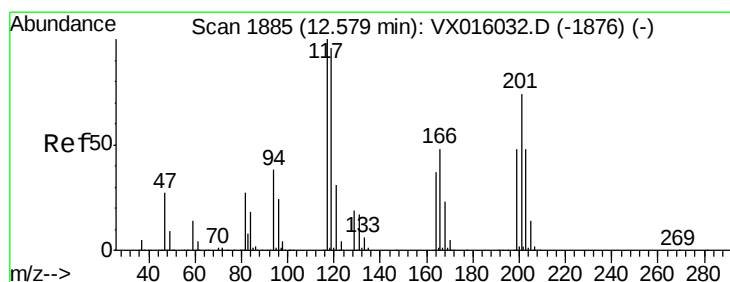
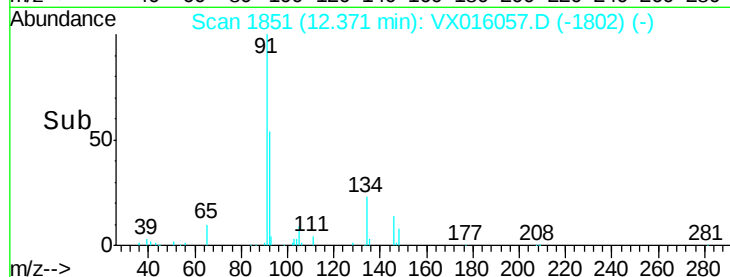
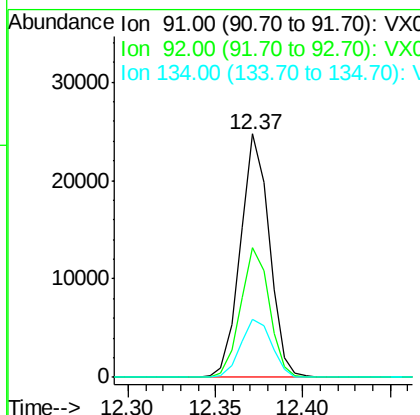
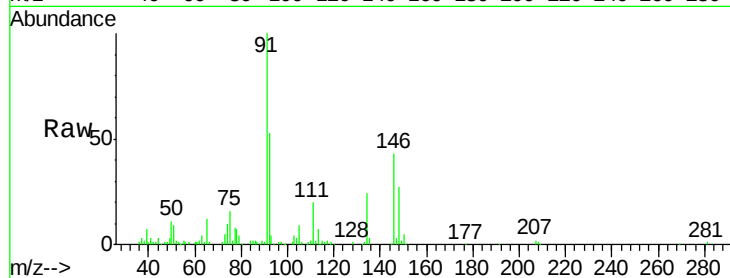
#89
n-Butylbenzene
Concen: 2.140 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Resp	Lower	Upper
91	100	28485		
92	52.8		27.6	82.7
134	25.5		13.4	40.1

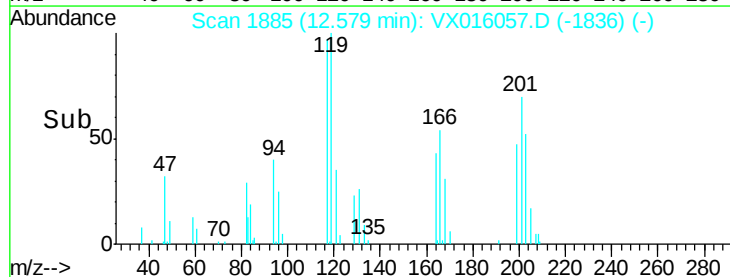
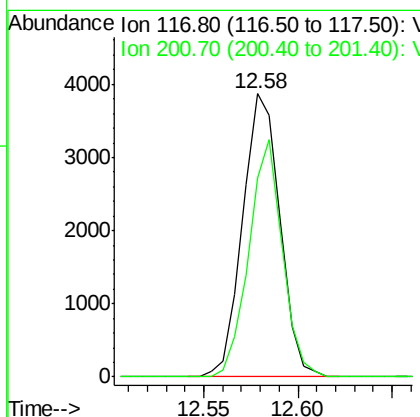
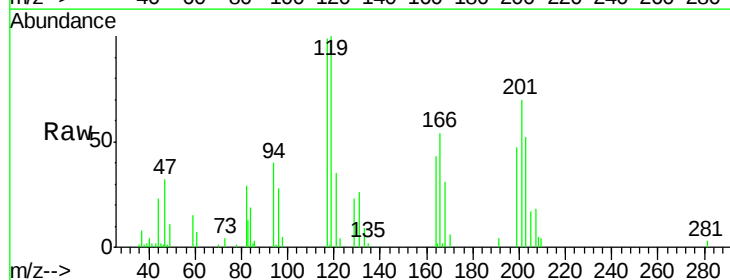
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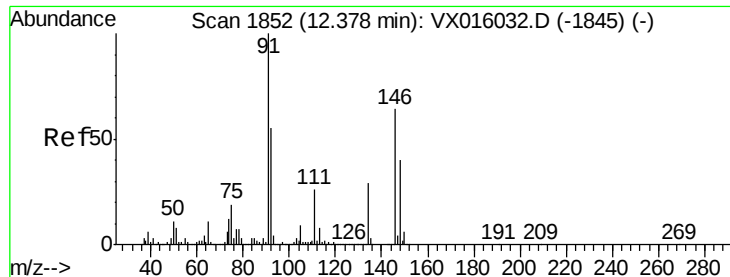
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#90
Hexachloroethane
Concen: 2.119 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	5304		
201	75.5		39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 2.305 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Instrument :

MSVOA_X

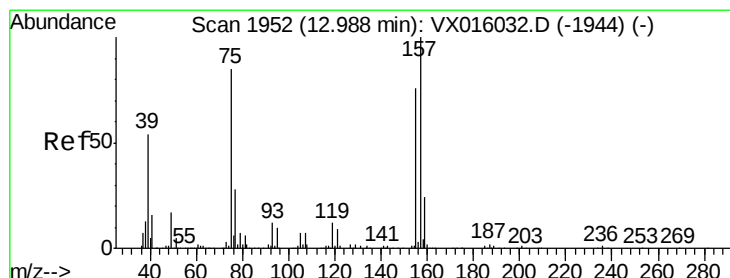
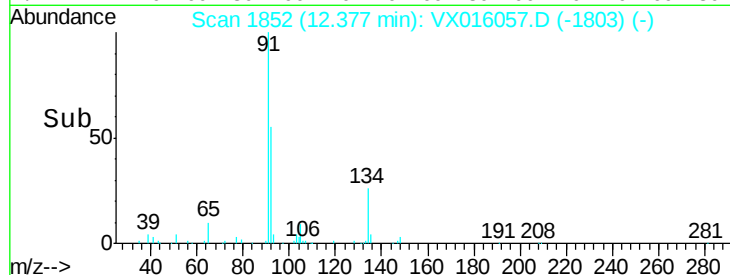
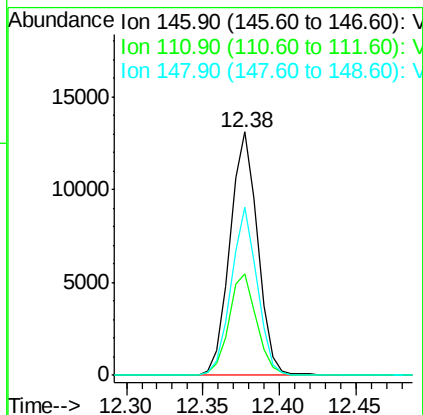
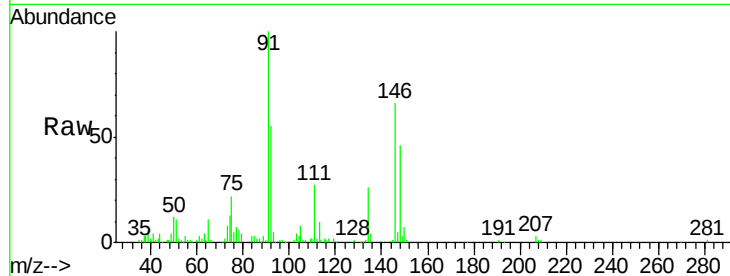
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	146	Resp:	16431
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.1	63.1
148	64.6	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 2.242 ug/l

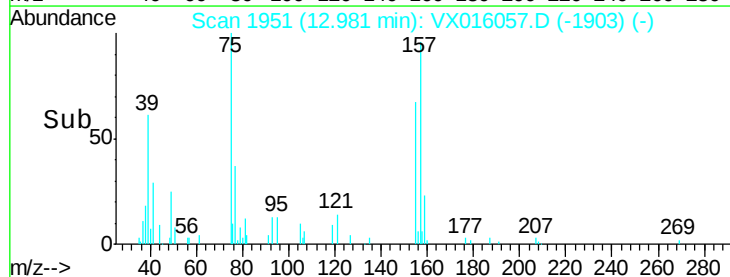
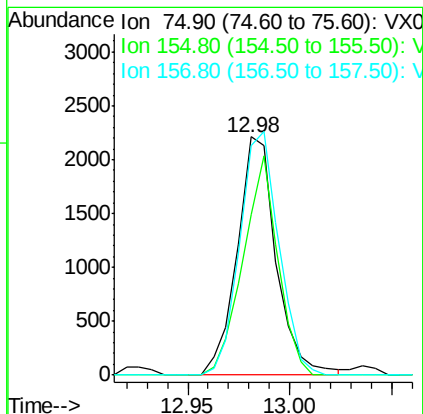
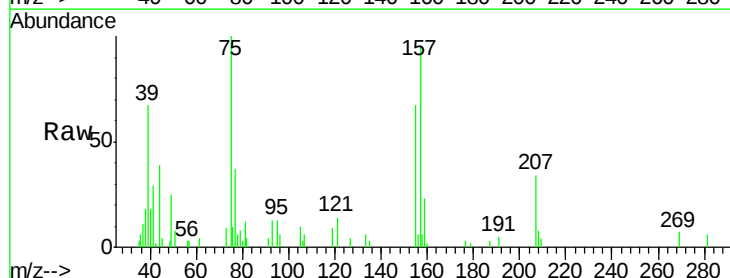
RT: 12.98 min Scan# 1951

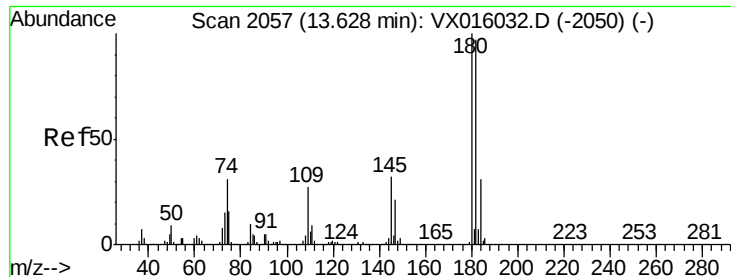
Delta R.T. -0.01 min

Lab File: VX016057.D

Acq: 05 May 2020 12:41

Tgt Ion:	75	Resp:	2945
Ion Ratio	Lower	Upper	
75	100		
155	82.0	42.5	127.5
157	101.7	55.3	165.8





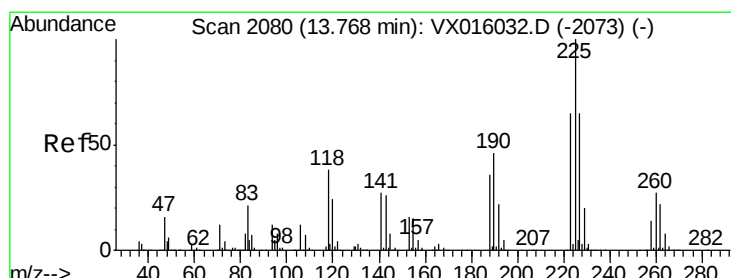
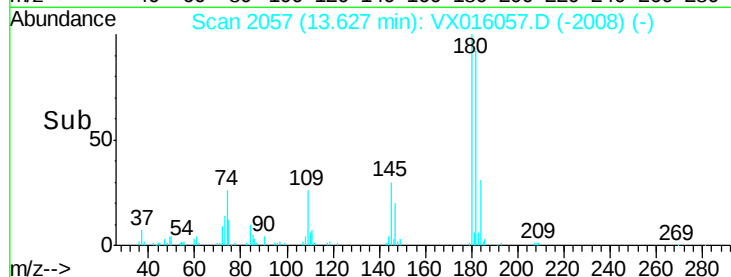
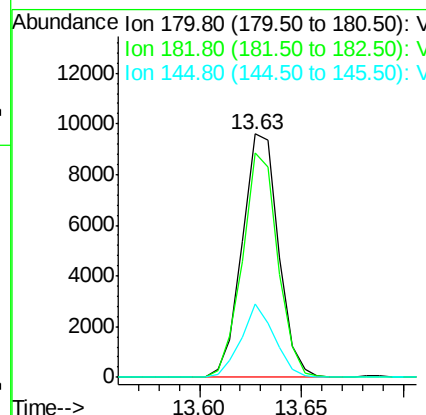
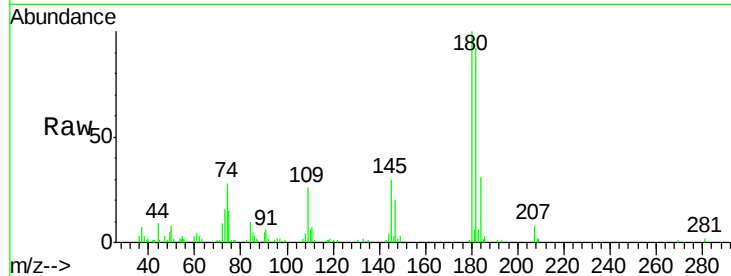
#93
 1,2,4-Trichlorobenzene
 Concen: 2.246 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	11857		
182	89.9	48.7	146.1	
145	27.7	15.7	47.1	

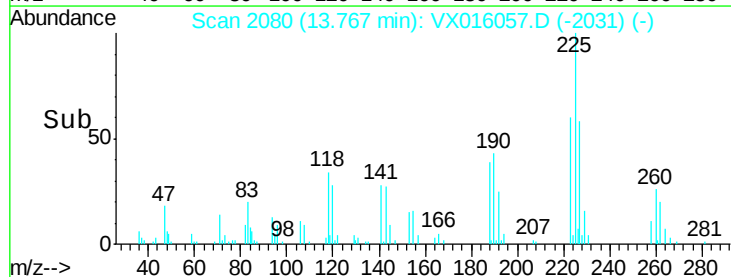
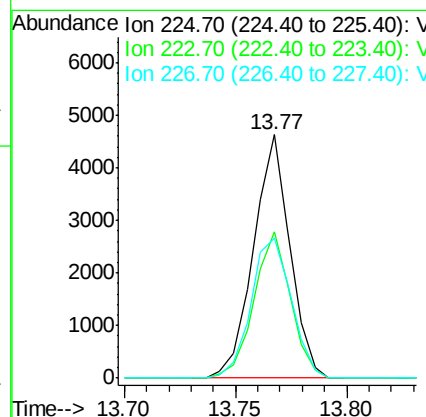
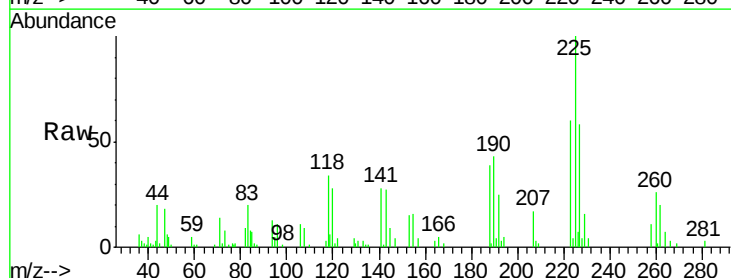
Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:19 PM



#94
 Hexachlorobutadiene
 Concen: 2.157 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016057.D
 Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	5265		
223	60.6	32.3	96.9	
227	63.8	31.8	95.4	





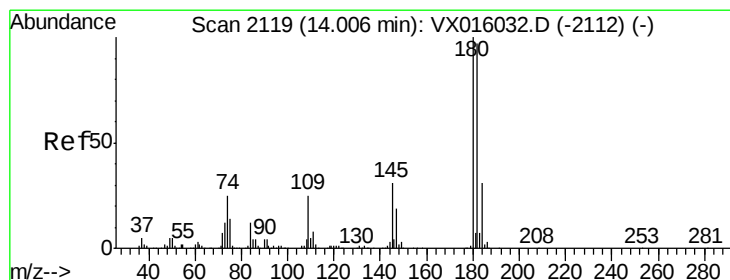
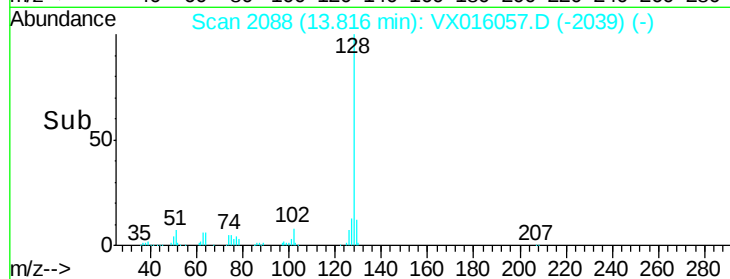
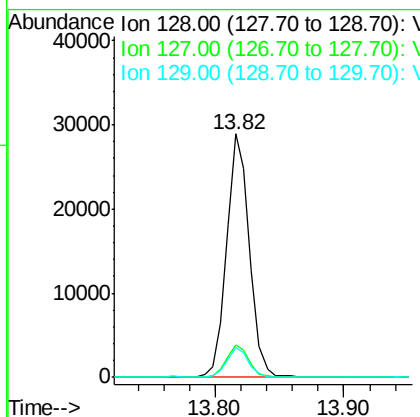
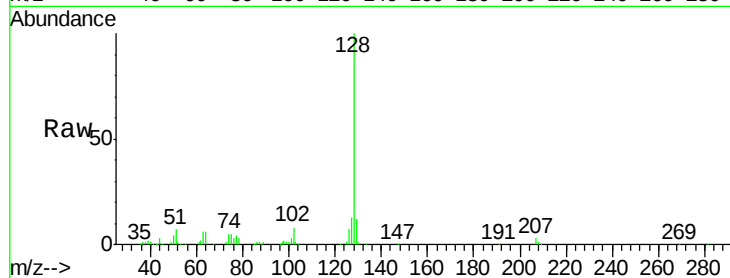
#95
Naphthalene
Concen: 2.104 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	35959		
127	13.1		10.2	15.4
129	11.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/6/2020 12:27:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.286 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016057.D
Acq: 05 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	11794		
182	90.9		48.4	145.0
145	30.7		16.4	49.1

