

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018940.D
 Acq On : 15 Oct 2020 18:21
 Operator : JC/SP
 Sample : L4214-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 10/16/2020 2:11:39 PM

Quant Time: Oct 16 02:45:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	47763	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	268249	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	234342	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	95460	31.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.43%
60) 4-Bromofluorobenzene	11.12	95	104166	28.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.17%
63) Toluene-d8	8.70	98	317728	31.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	5444	2.404 ug/l	96
3) Chloromethane	1.31	50	6095	2.380 ug/l	94
4) Vinyl Chloride	1.39	62	8498	2.704 ug/l	99
5) Bromomethane	1.63	94	7609	4.088 ug/l	98
6) Chloroethane	1.72	64	5601	2.584 ug/l	95
7) Trichlorofluoromethane	1.92	101	12439	2.514 ug/l	97
8) Diethyl Ether	2.17	74	4834	2.482 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6759	2.457 ug/l	93
10) 1,1-Dichloroethene	2.36	96	7101	2.483 ug/l	98
11) Methyl Iodide	2.49	142	6056	1.784 ug/l	99
12) Methyl Acetate	2.75	43	7260	2.589 ug/l	94
13) Acrolein	2.28	56	6404	11.944 ug/l	89
14) Acrylonitrile	3.12	53	16817	12.891 ug/l	99
15) Acetone	2.42	58	5431	12.369 ug/l	83
16) Carbon Disulfide	2.55	76	18214	2.597 ug/l	97
17) Allyl chloride	2.71	41	8931	2.407 ug/l	97
18) Methylene Chloride	2.83	84	8359	2.901 ug/l	94
19) trans-1,2-Dichloroethene	3.14	96	6907	2.398 ug/l	96
20) Diisopropyl ether	3.83	45	16789	2.438 ug/l #	88
21) 1,1-Dichloroethane	3.67	63	11695	2.485 ug/l	100
22) cis-1,2-Dichloroethene	4.56	96	8626	2.646 ug/l	93
23) tert-Butyl Alcohol	3.02	59	10172	14.006 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	19526	2.473 ug/l	93
25) Chloroform	5.18	83	12546	2.512 ug/l	97
26) Cyclohexane	5.55	56	8929	2.357 ug/l #	98
29) 1,1-Dichloropropene	5.78	75	9091	2.337 ug/l	98
30) 2-Butanone	4.64	43	23385	12.066 ug/l	99
31) 2,2-Dichloropropane	4.56	77	11060m	2.414 ug/l	
32) 1,1,1-Trichloroethane	5.46	97	11226	2.378 ug/l	96
33) Carbon Tetrachloride	5.76	117	10263	2.372 ug/l	97
34) Benzene	6.11	78	27379	2.375 ug/l	97
35) Methacrylonitrile	5.01	41	6695m	3.338 ug/l	
36) 1,2-Dichloroethane	6.17	62	9681	2.555 ug/l #	93
37) Trichloroethene	7.19	130	7870	2.327 ug/l	91
38) Methylcyclohexane	7.44	83	10591	2.389 ug/l	98
39) 1,2-Dichloropropane	7.49	63	6760	2.398 ug/l	100
40) Dibromomethane	7.64	93	5184	2.503 ug/l	94

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Quant Time: Oct 16 02:45:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	9934	2.357	ug/l	99
42) Vinyl Acetate	3.79	43	80833	11.644	ug/l	100
43) Ethyl Acetate	4.80	43	9720	2.423	ug/l	98
44) Isopropyl Acetate	6.42	43	15879	2.465	ug/l #	100
45) 1,4-Dioxane	7.72	88	3339	48.572	ug/l #	91
46) Methyl methacrylate	7.75	41	7663	2.559	ug/l	93
47) n-amyl Acetate	10.88	43	12184	2.265	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	11252	2.338	ug/l	95
49) cis-1,3-Dichloropropene	8.42	75	12295	2.402	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	7468	2.513	ug/l	94
51) Ethyl methacrylate	9.16	69	10844	2.319	ug/l	99
52) 1,3-Dichloropropane	9.35	76	11683	2.383	ug/l	94
53) Dibromochloromethane	9.57	129	7917	2.240	ug/l	96
54) 1,2-Dibromoethane	9.65	107	7989	2.446	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	29085	11.789	ug/l	98
56) Bromoform	10.84	173	5776	2.117	ug/l	94
58) 4-Methyl-2-Pentanone	8.62	43	46686	12.485	ug/l	99
59) 2-Hexanone	9.47	43	35519	12.405	ug/l	99
61) Tetrachloroethene	9.32	164	6652	2.308	ug/l	95
62) Toluene	8.77	91	30089	2.396	ug/l	100
64) Chlorobenzene	10.12	112	18583	2.327	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	7401	2.387	ug/l	97
66) Ethyl Benzene	10.23	91	32575	2.341	ug/l	99
67) m/p-Xylenes	10.34	106	24740	4.538	ug/l	97
68) o-Xylene	10.68	106	12109	2.348	ug/l	99
69) Styrene	10.70	104	19825	2.237	ug/l	99
70) Isopropylbenzene	11.00	105	31216	2.279	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	10129	2.374	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	9278m	2.327	ug/l	
73) Bromobenzene	11.24	156	7734	2.192	ug/l	96
74) n-propylbenzene	11.34	91	34442	2.207	ug/l	100
75) 2-Chlorotoluene	11.40	91	20439	2.266	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	25938	2.261	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	3837	2.223	ug/l	95
78) 4-Chlorotoluene	11.49	91	23250	2.189	ug/l	100
79) tert-butylbenzene	11.76	119	25415	2.187	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	25724	2.250	ug/l	100
81) sec-Butylbenzene	11.93	105	29467	2.211	ug/l	98
82) p-Isopropyltoluene	12.05	119	26076	2.099	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	13498	2.151	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	13660	2.159	ug/l	99
85) n-Butylbenzene	12.37	91	22874	2.058	ug/l	97
86) Hexachloroethane	12.58	117	4747	2.253	ug/l	91
87) 1,2-Dichlorobenzene	12.38	146	12615	2.077	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	2404	2.327	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	8451	1.905	ug/l	94
90) Hexachlorobutadiene	13.76	225	3767	2.033	ug/l	97
91) Naphthalene	13.82	128	30074	2.079	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	8655	2.001	ug/l	96

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 15 15:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

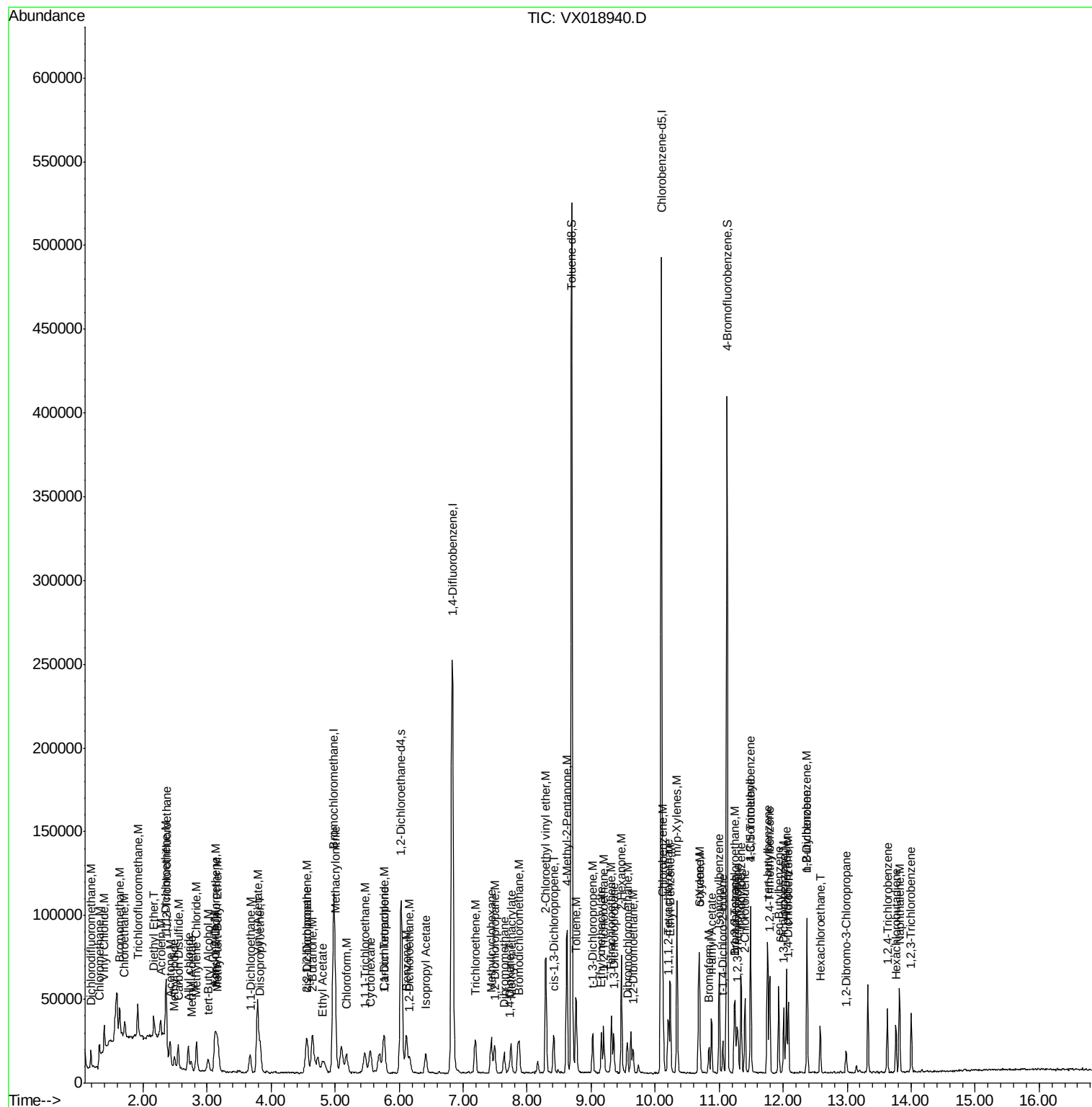
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Data File : VX018940.D
Acq On : 15 Oct 2020 18:21
Operator : JC/SP
Sample : L4214-07 2.5PPB LOD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

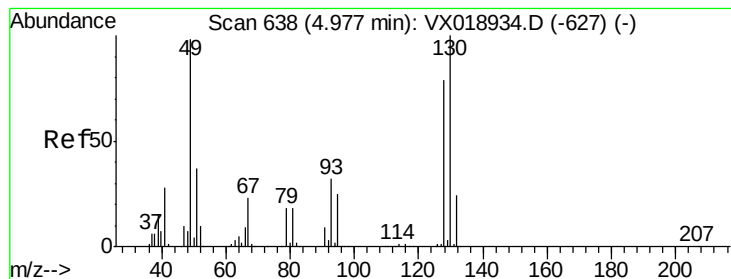
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

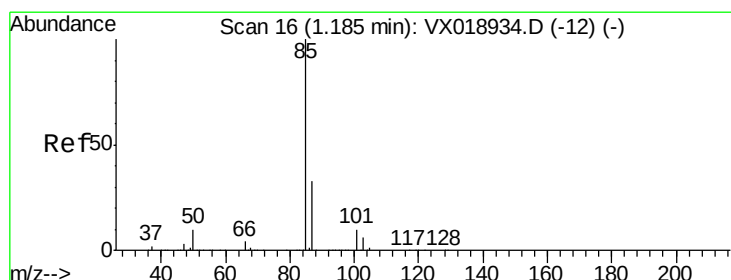
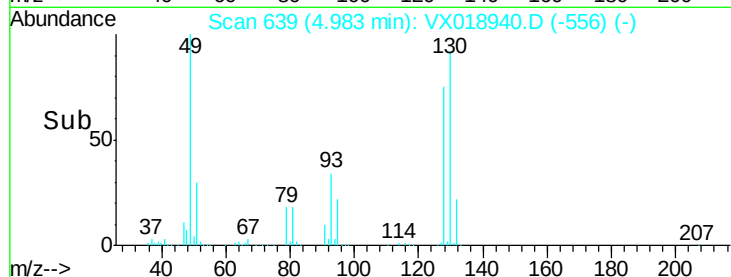
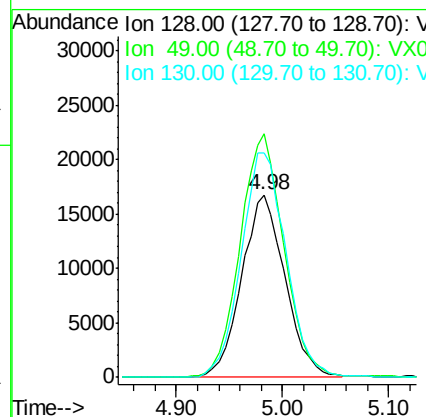
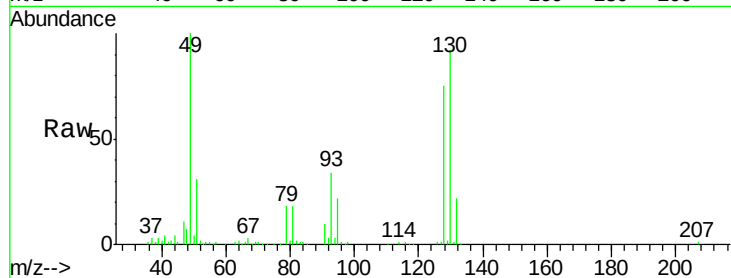
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	128	Resp:	47763
Ion	Ratio	Lower	Upper
128	100		
49	135.1	0.0	330.5
130	127.9	0.0	323.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 2.404 ug/l

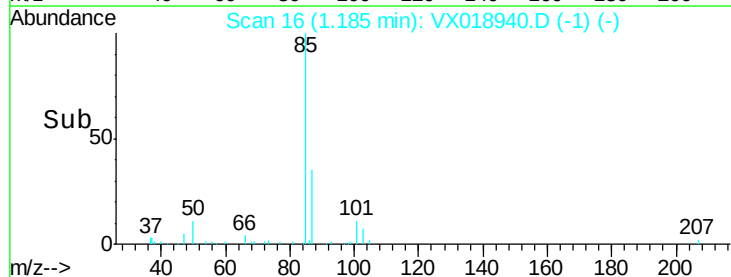
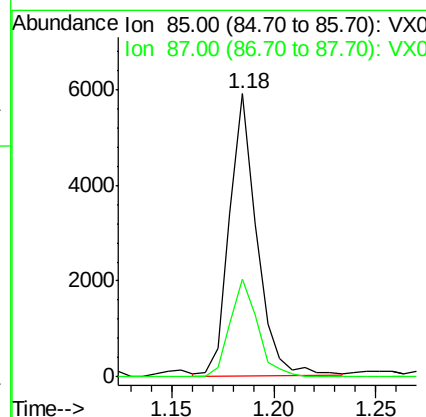
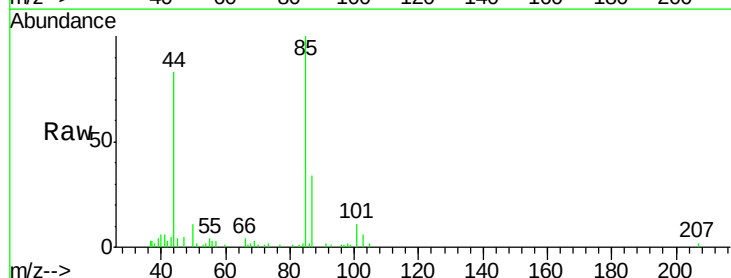
RT: 1.18 min Scan# 16

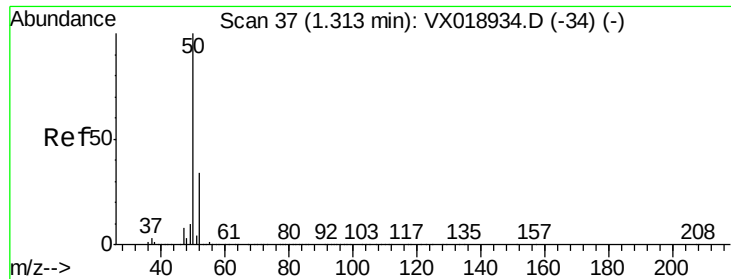
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	85	Resp:	5444
Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.3	48.8





#3

Chloromethane

Concen: 2.380 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 50 Resp: 6095

Ion Ratio Lower Upper

50 100

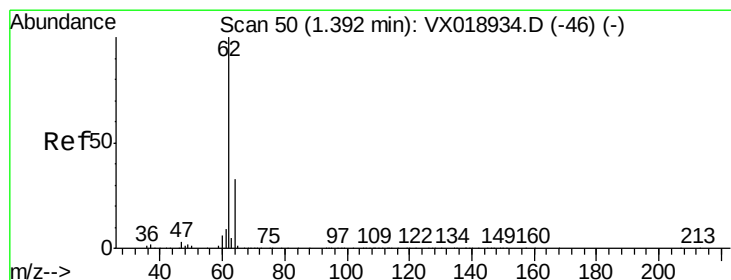
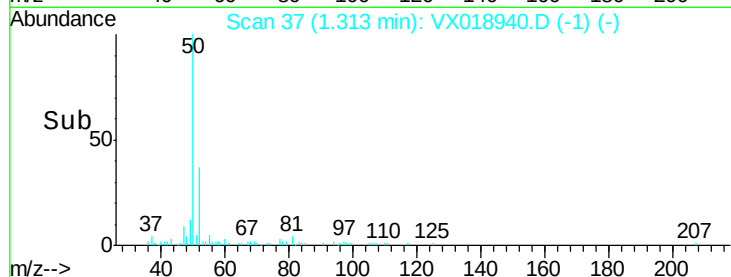
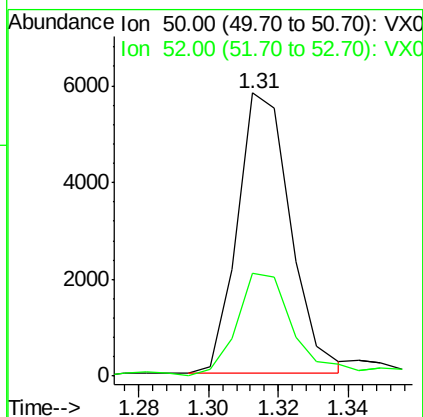
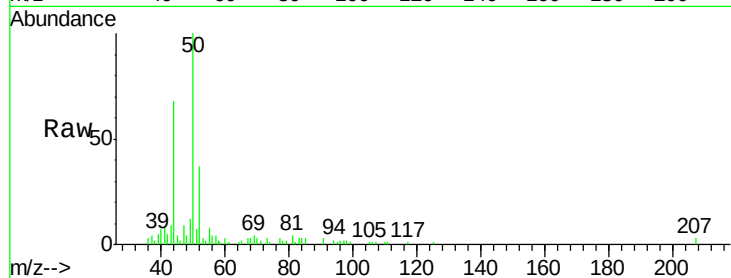
52 36.9 27.0 40.4

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#4

Vinyl Chloride

Concen: 2.704 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018940.D

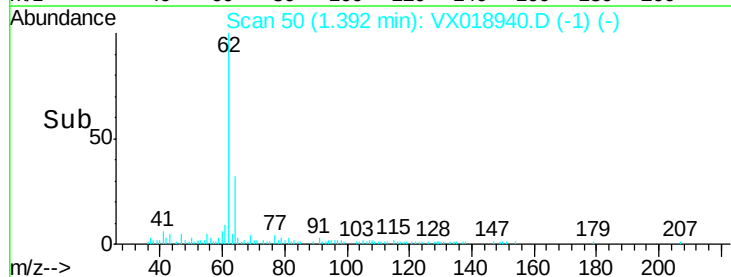
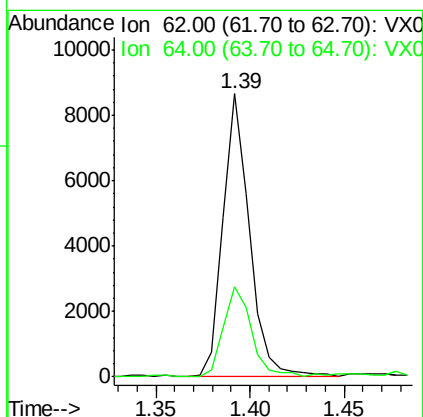
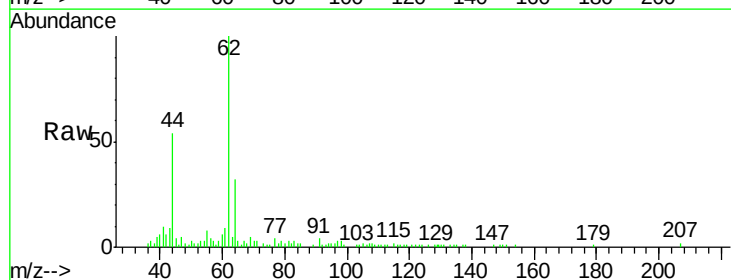
Acq: 15 Oct 2020 18:21

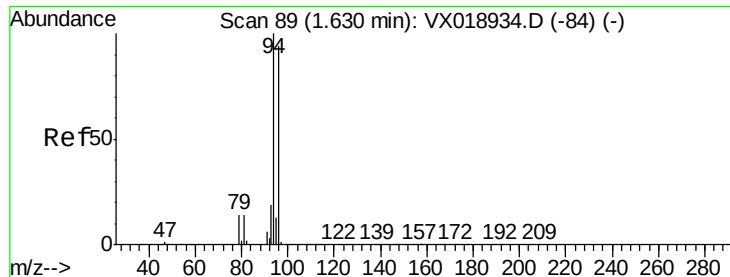
Tgt Ion: 62 Resp: 8498

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1





#5

Bromomethane

Concen: 4.088 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

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ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 94 Resp: 7609

Ion Ratio Lower Upper

94 100

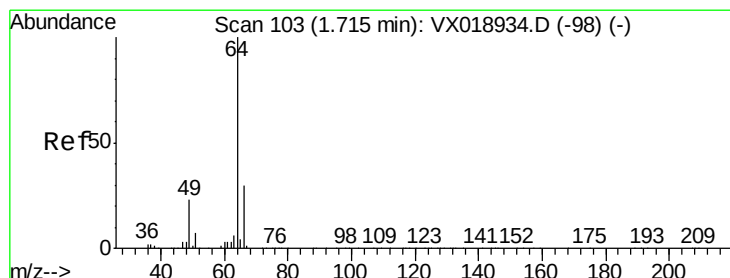
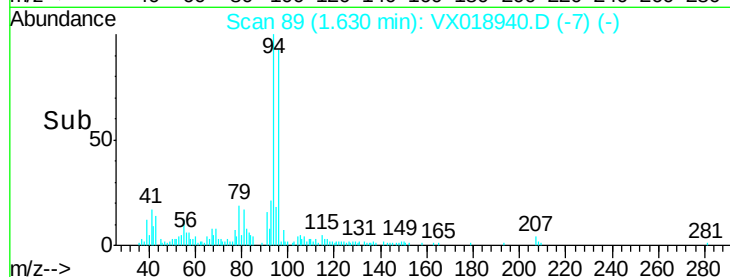
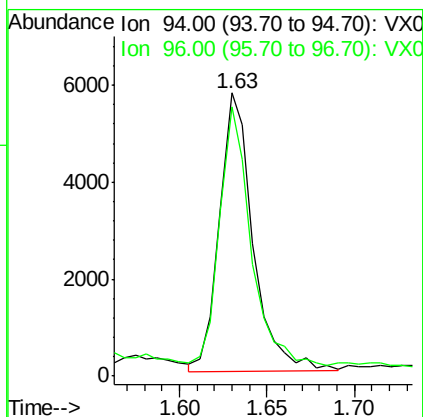
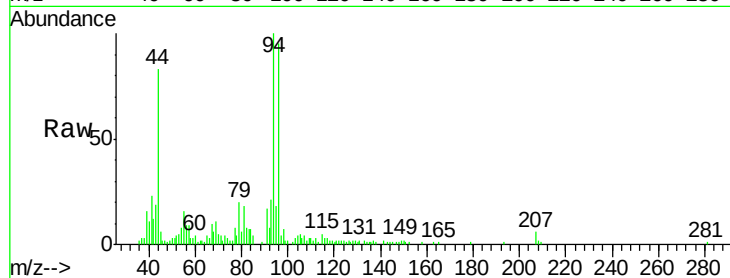
96 92.7 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 2.584 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018940.D

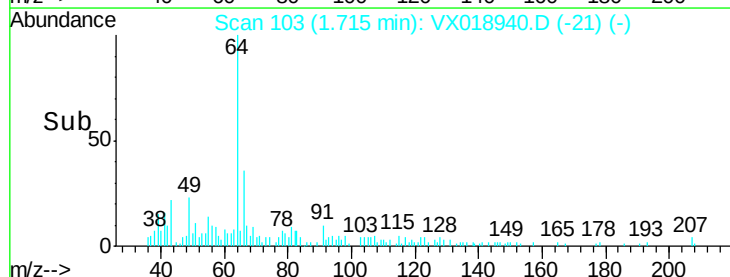
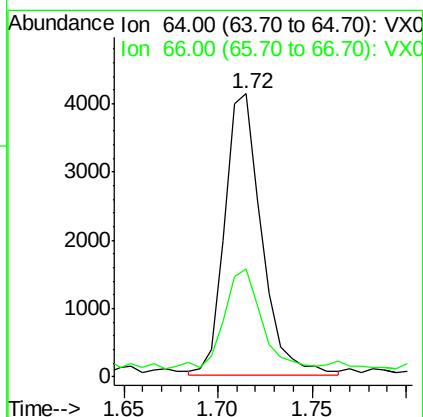
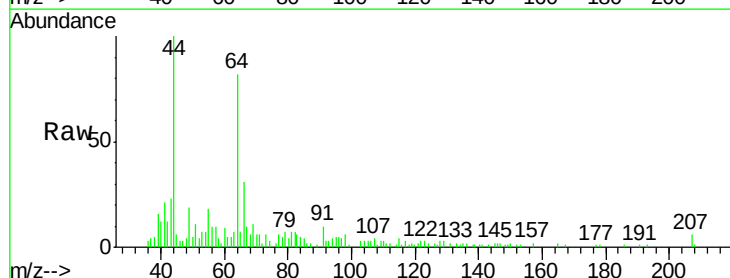
Acq: 15 Oct 2020 18:21

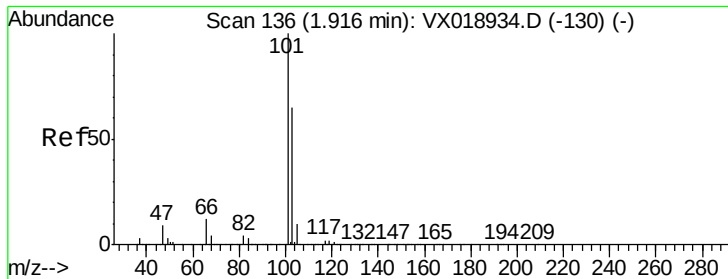
Tgt Ion: 64 Resp: 5601

Ion Ratio Lower Upper

64 100

66 33.4 24.5 36.7





#7

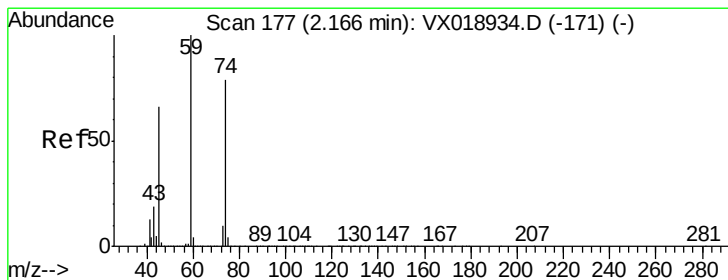
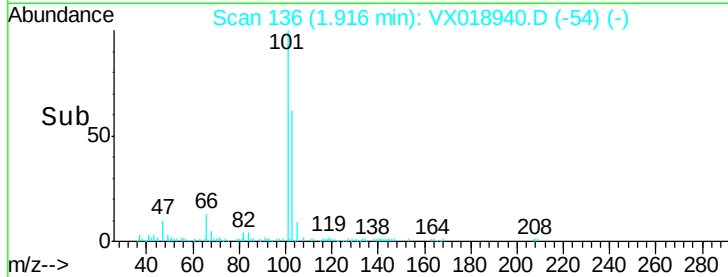
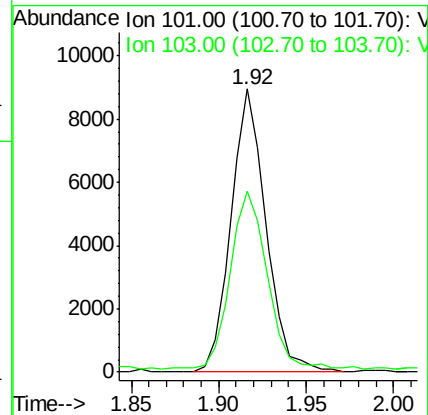
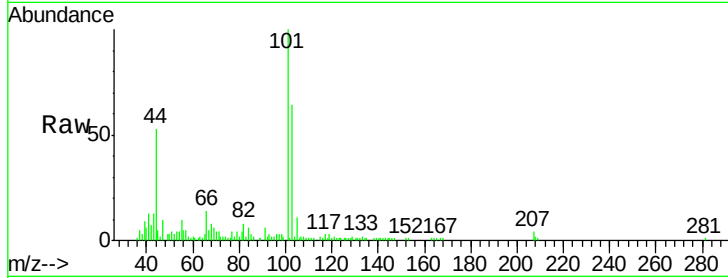
Trichlorofluoromethane
Concen: 2.514 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.8	77.6

Manual Integrations
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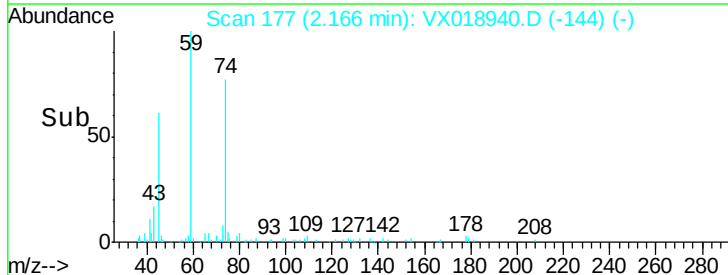
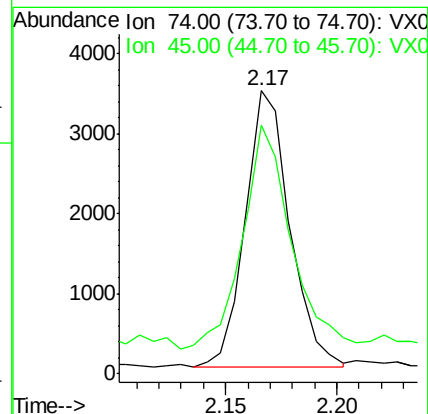
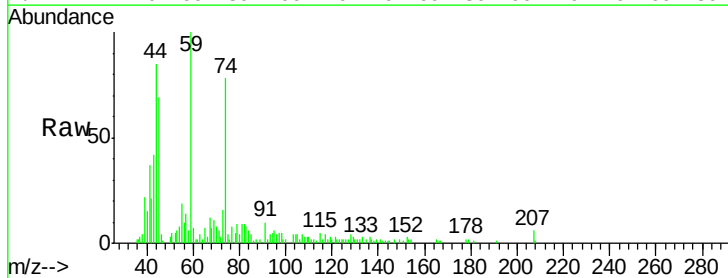
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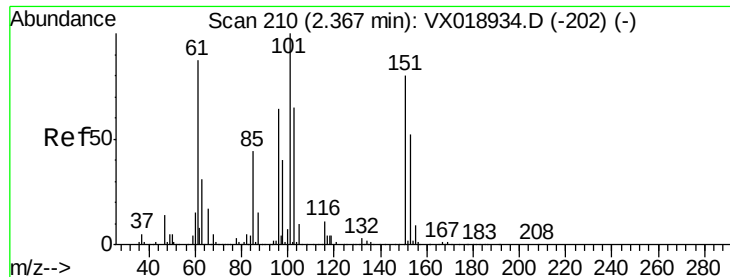


#8

Diethyl Ether
Concen: 2.482 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.457 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

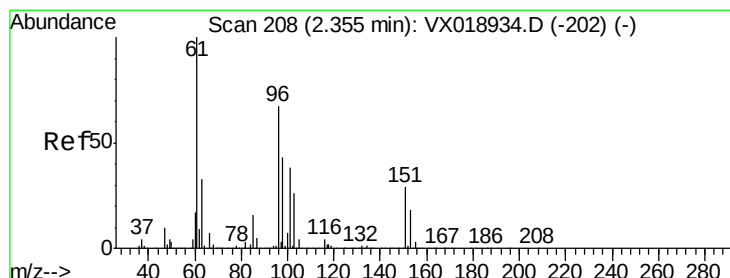
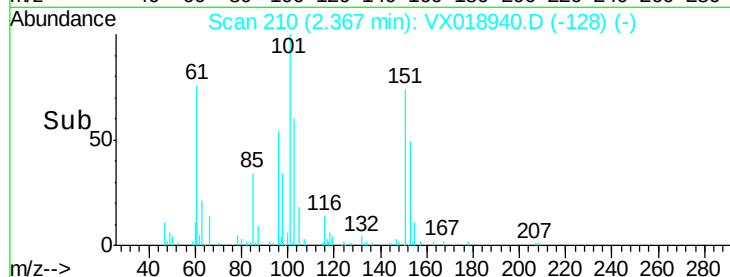
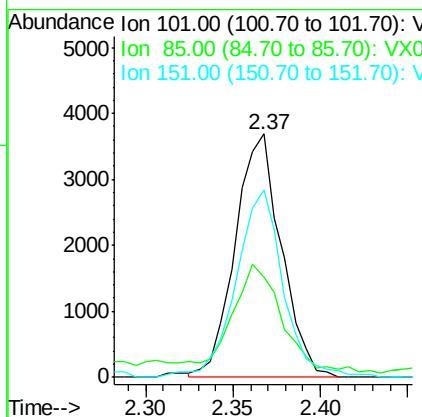
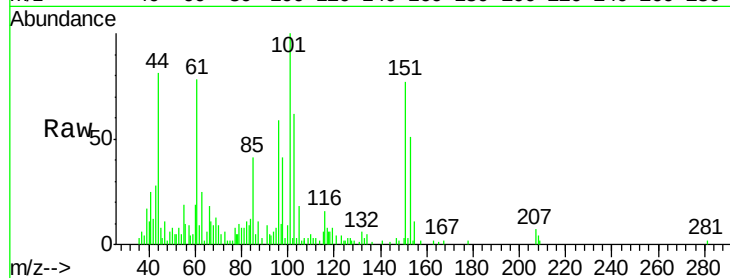
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	101	Resp:	6759
Ion Ratio	Lower	Upper	
101	100		
85	47.7	0.0	85.4
151	73.5	0.0	157.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 2.483 ug/l

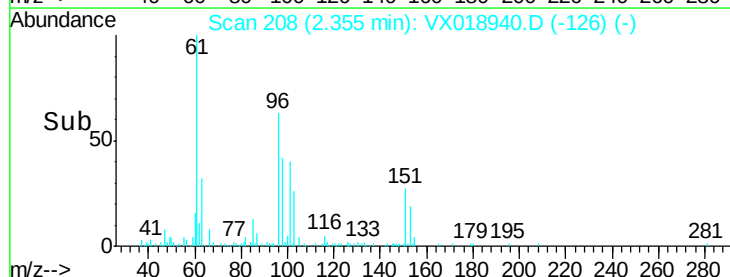
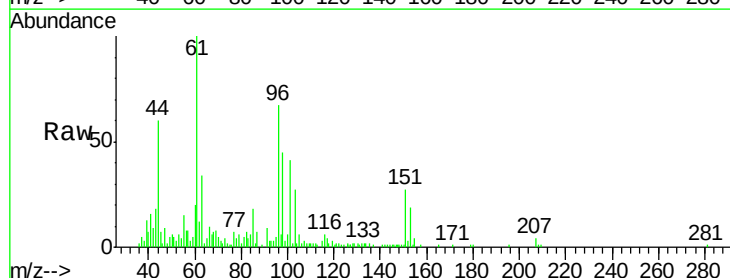
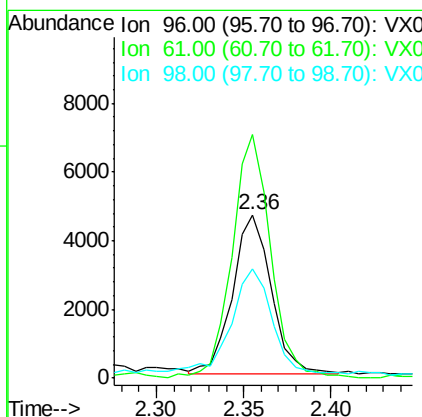
RT: 2.36 min Scan# 208

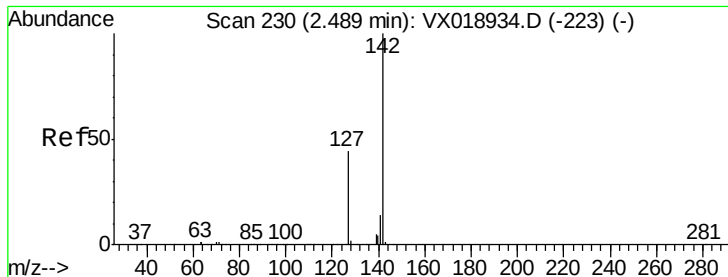
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	96	Resp:	7101
Ion Ratio	Lower	Upper	
96	100		
61	152.3	120.2	180.4
98	65.5	51.4	77.0





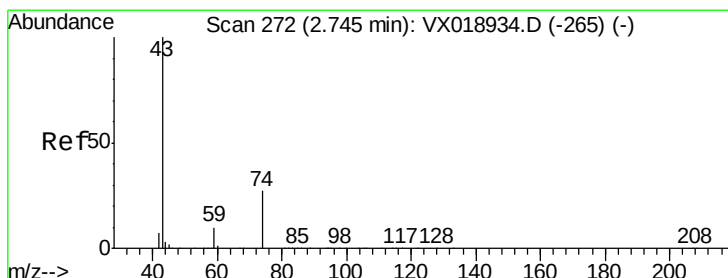
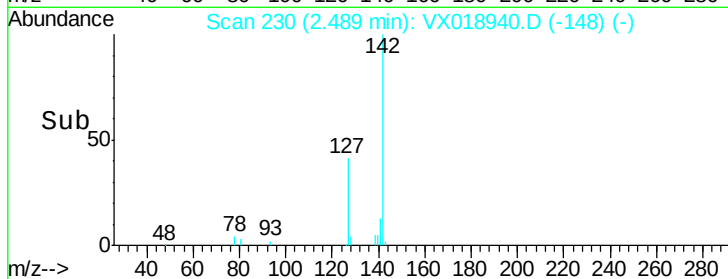
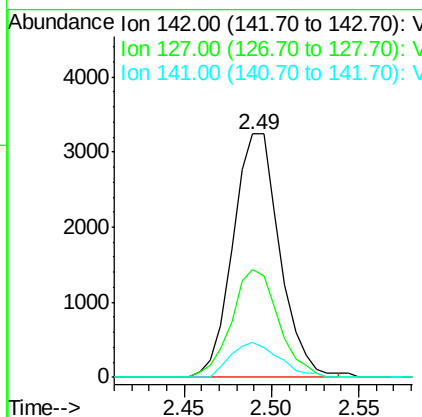
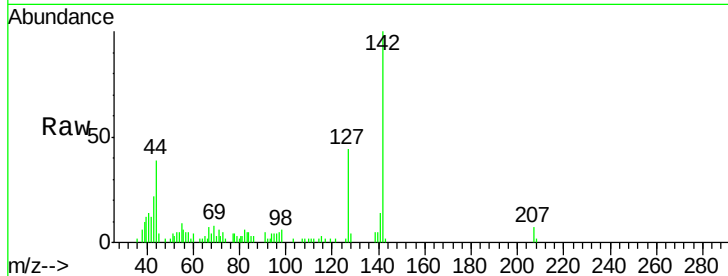
#11
Methvl Iodide
Concen: 1.784 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.7	22.1	66.1
141	14.4	7.0	21.1

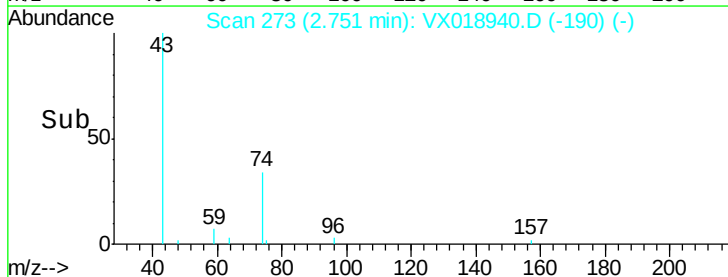
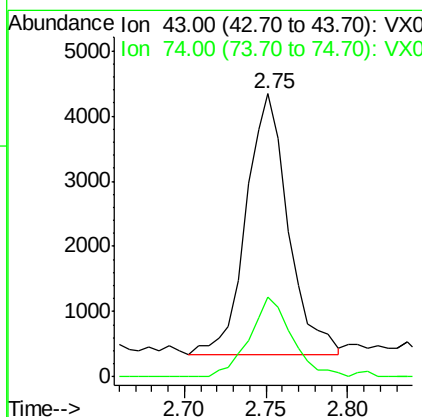
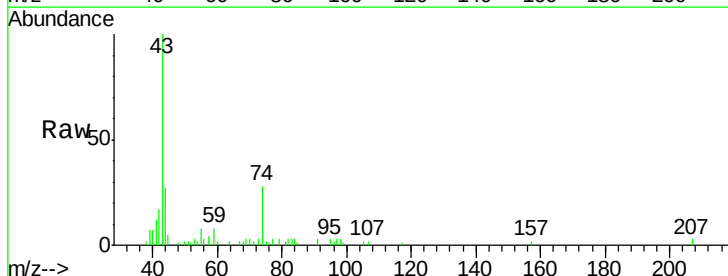
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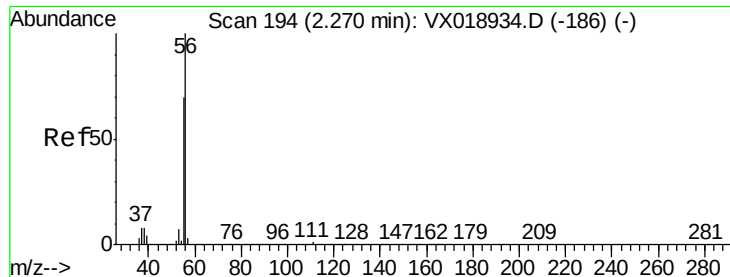
apatel
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#12
Methyl Acetate
Concen: 2.589 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.0	21.6	32.4





#13

Acrolein

Concen: 11.944 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 56 Resp: 6404

Ion Ratio Lower Upper

56 100

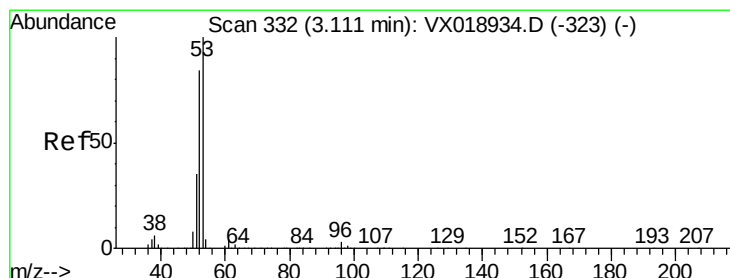
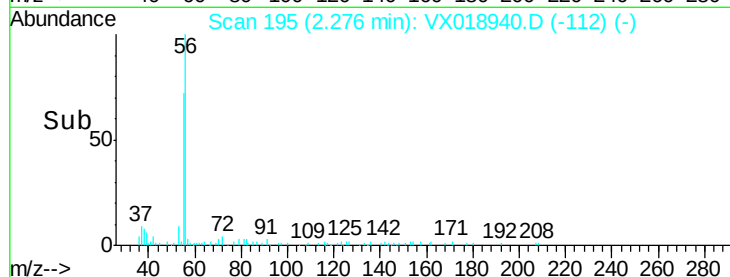
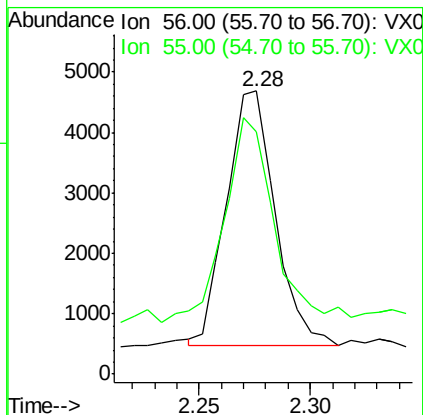
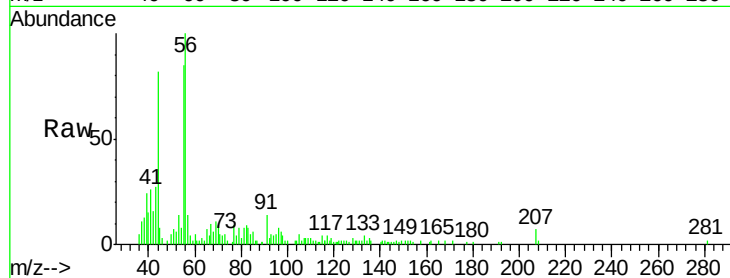
55 80.4 57.1 85.7

Manual Integrations

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#14

Acrylonitrile

Concen: 12.891 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

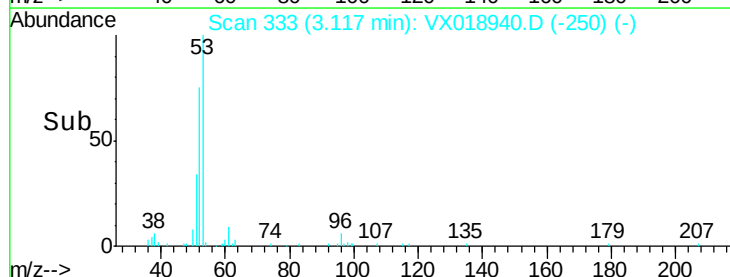
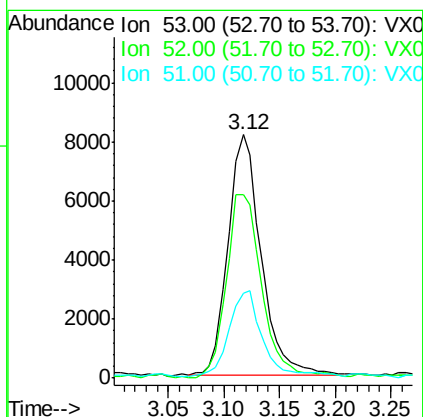
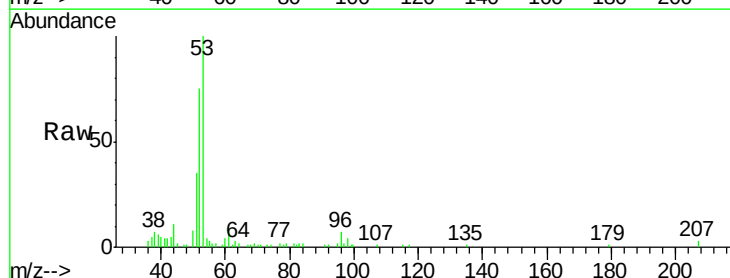
Tgt Ion: 53 Resp: 16817

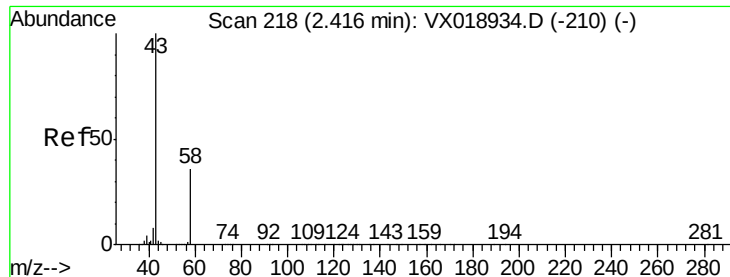
Ion Ratio Lower Upper

53 100

52 81.2 40.3 120.8

51 33.9 17.6 52.8





#15

Acetone

Concen: 12.369 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 58 Resp: 5431

Ion Ratio Lower Upper

58 100

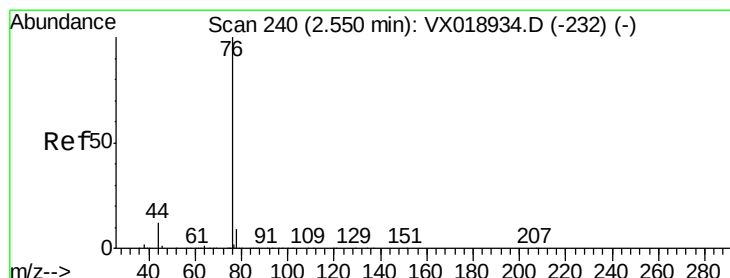
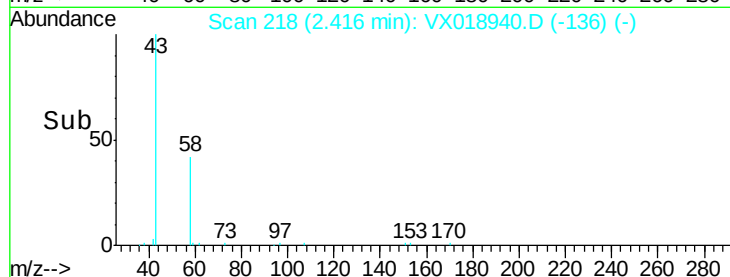
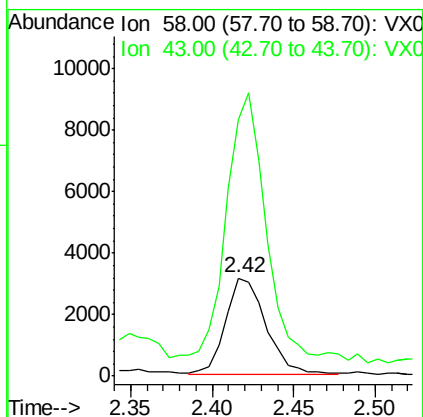
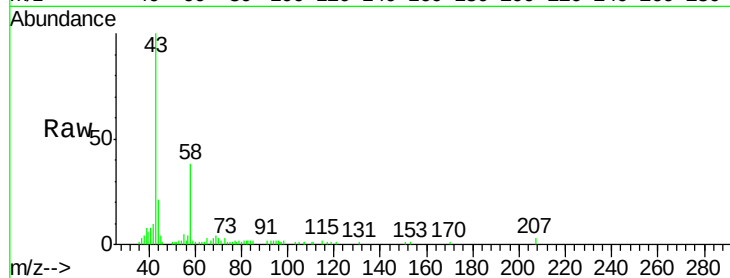
43 247.2 223.8 335.8

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#16

Carbon Disulfide

Concen: 2.597 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018940.D

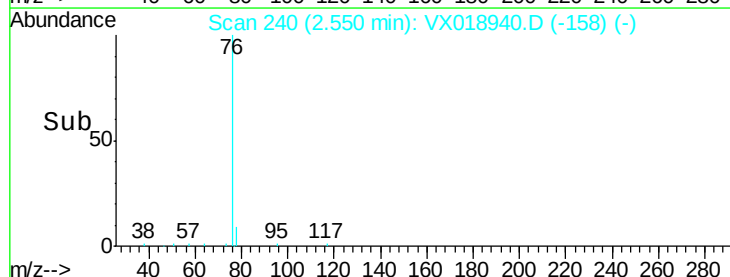
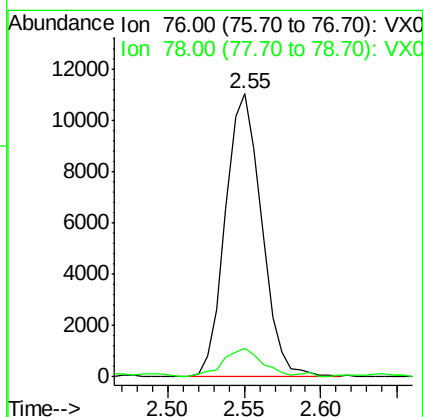
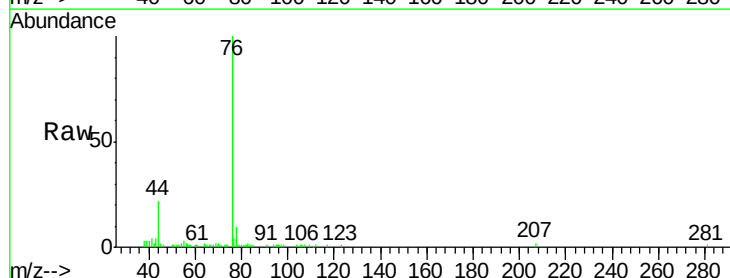
Acq: 15 Oct 2020 18:21

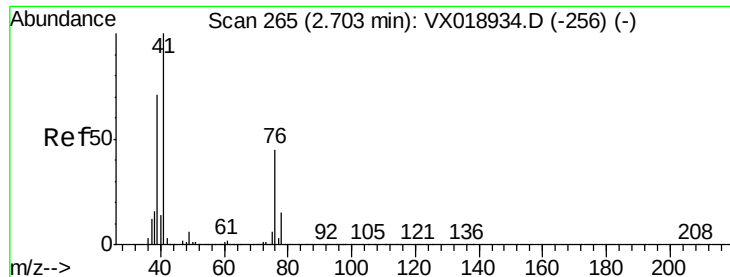
Tgt Ion: 76 Resp: 18214

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2





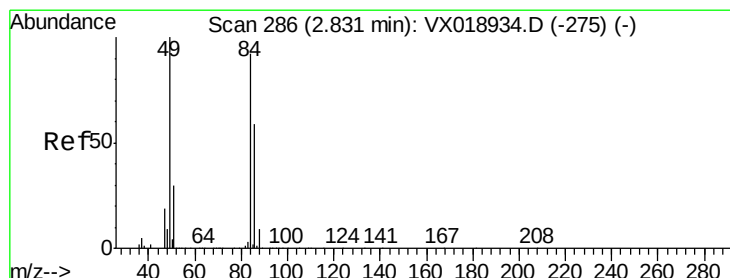
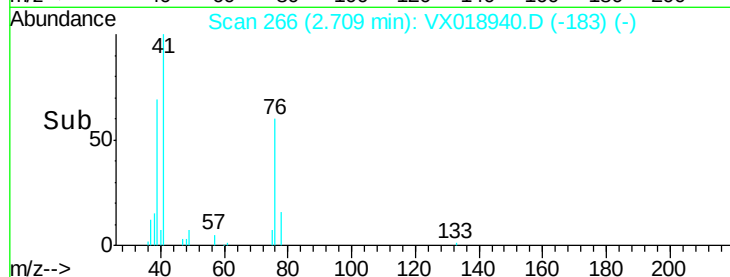
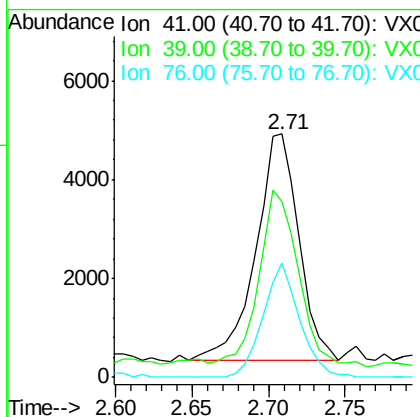
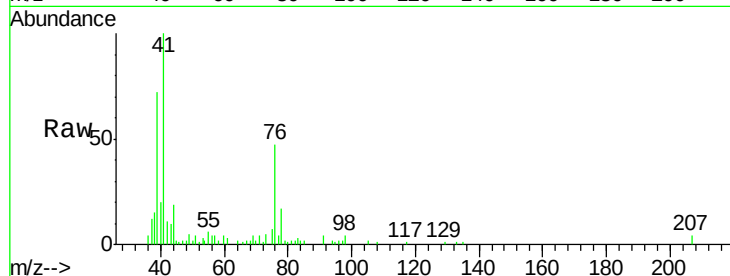
#17
Allvl chloride
Concen: 2.407 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion:	41	Resp:	8931
Ion	Ratio	Lower	Upper
41	100		
39	71.1	35.4	106.3
76	50.3	22.4	67.2

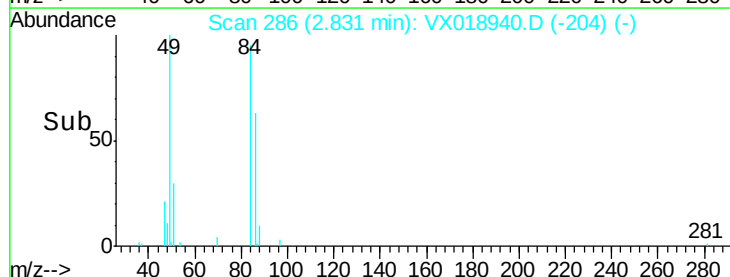
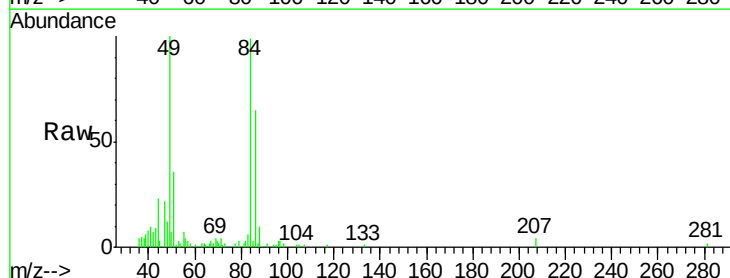
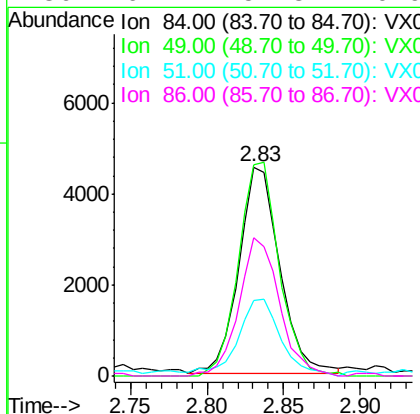
Manual Integrations
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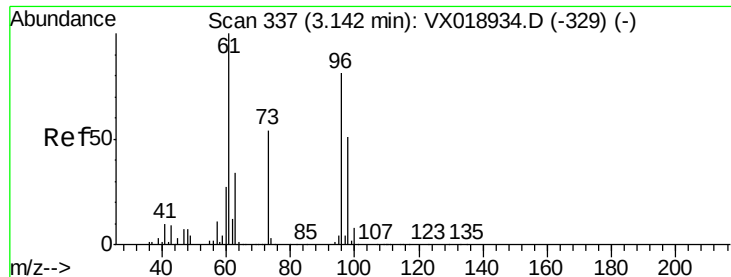
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#18
Methylene Chloride
Concen: 2.901 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion:	84	Resp:	8359
Ion	Ratio	Lower	Upper
84	100		
49	102.6	87.2	130.8
51	36.5	25.9	38.9
86	67.2	51.3	76.9





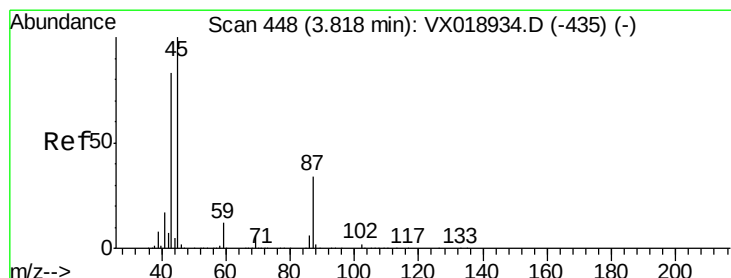
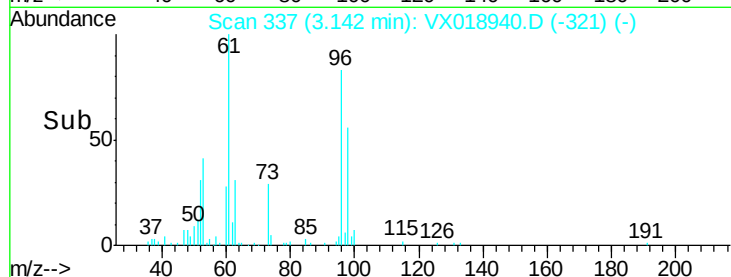
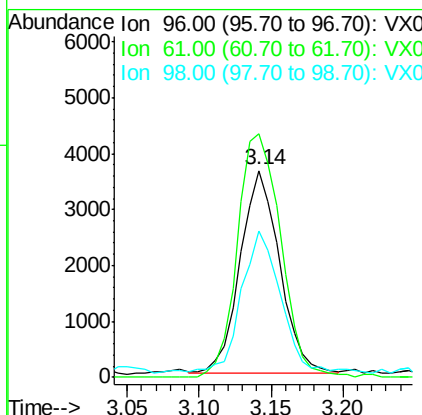
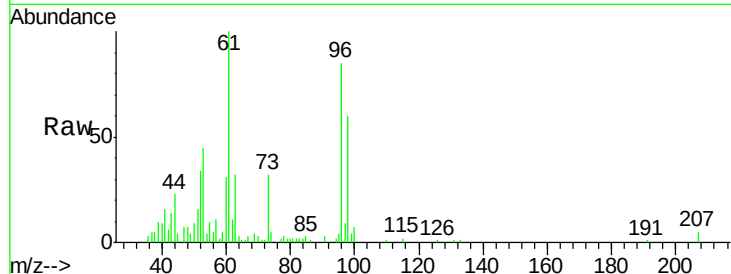
#19
trans-1,2-Dichloroethene
Concen: 2.398 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.6	98.6	147.8
98	69.4	50.3	75.5

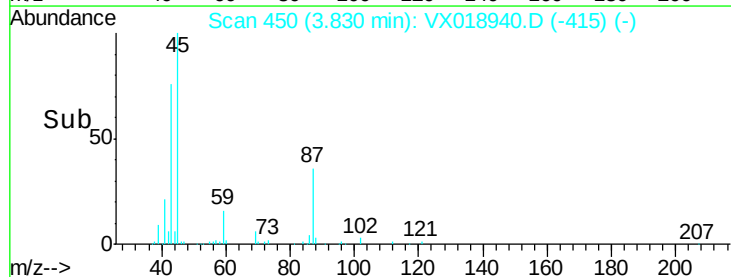
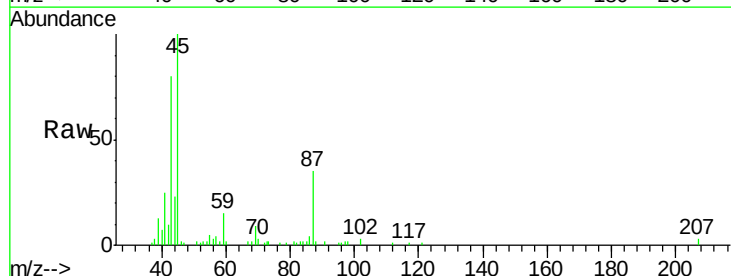
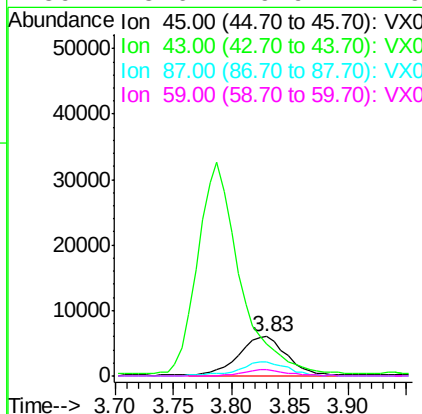
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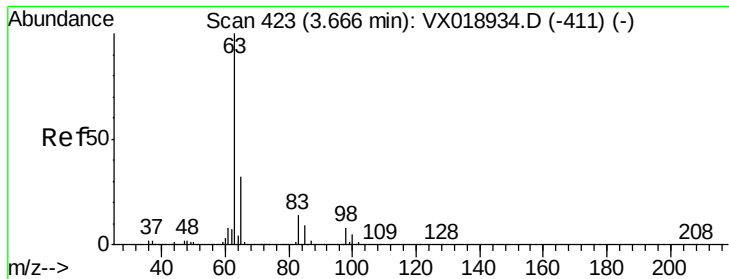
apatel
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#20
Diisopropyl ether
Concen: 2.438 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.7	69.7	104.5
87	35.1	26.9	40.3
59	15.6	9.9	14.9





#21

1,1-Dichloroethane

Concen: 2.485 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

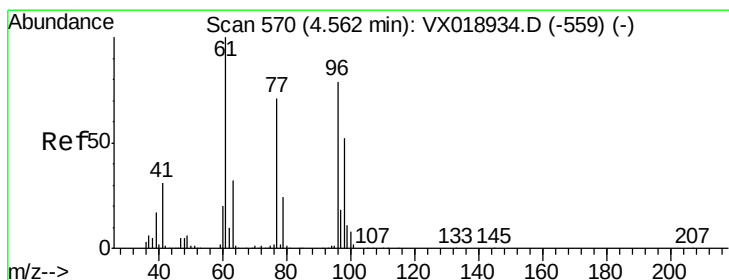
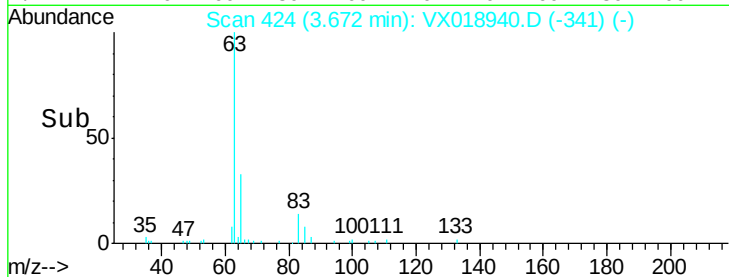
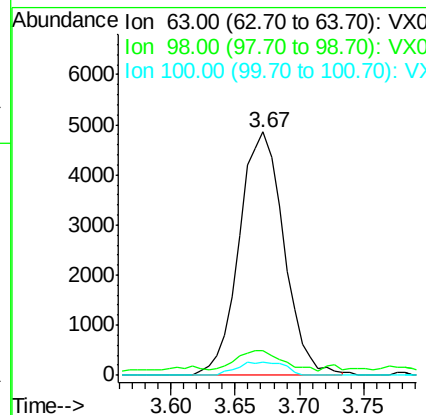
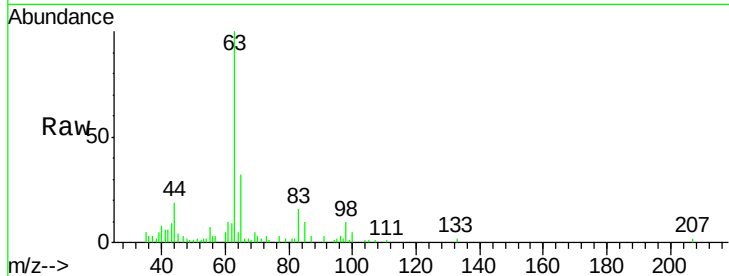
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	63	Resp:	11695
Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	5.3	2.5	7.6

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#22

cis-1,2-Dichloroethene

Concen: 2.646 ug/l

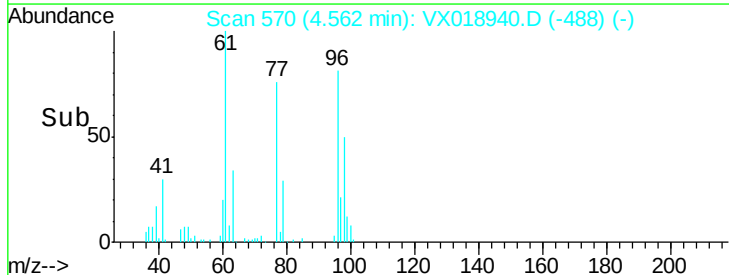
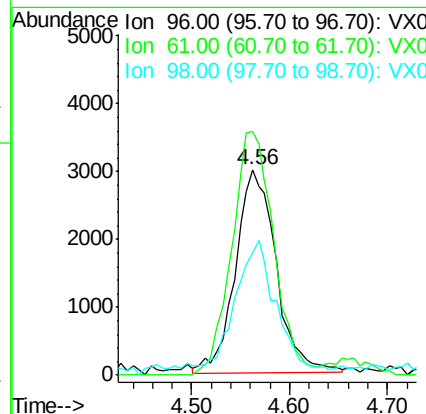
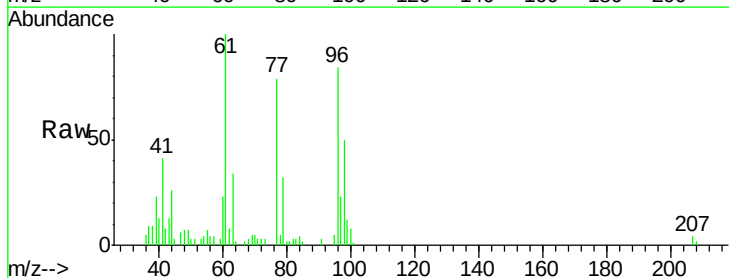
RT: 4.56 min Scan# 570

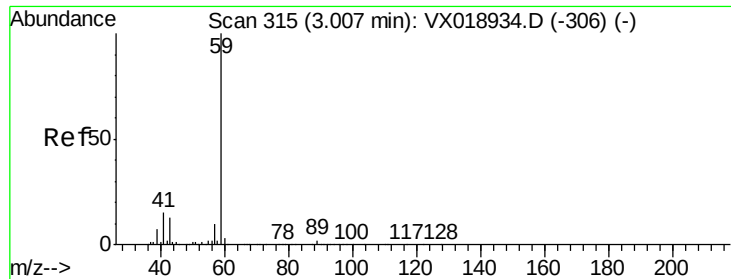
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	96	Resp:	8626
Ion	Ratio	Lower	Upper
96	100		
61	124.0	107.7	161.5
98	62.9	51.9	77.9





#23

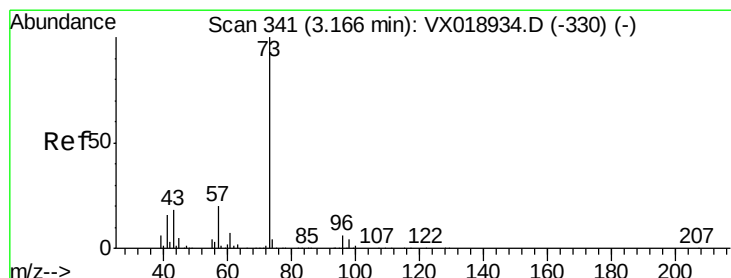
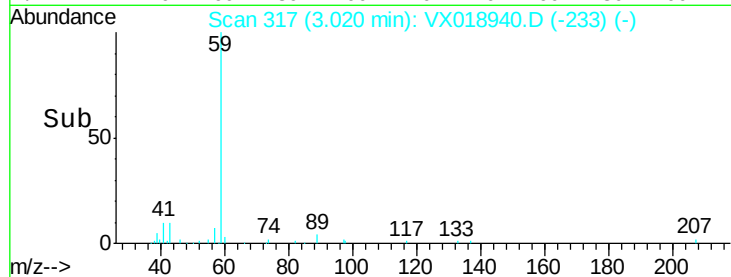
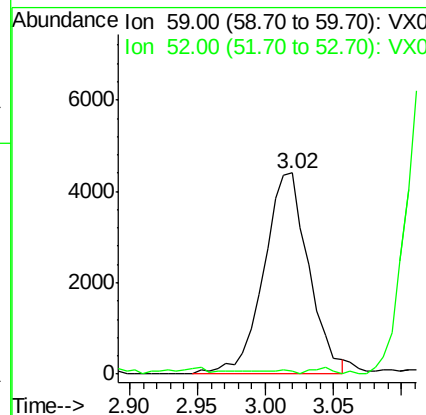
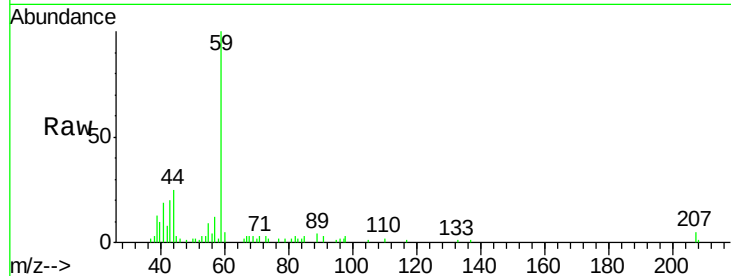
tert-Butyl Alcohol
 Concen: 14.006 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.6	0.2	0.2#

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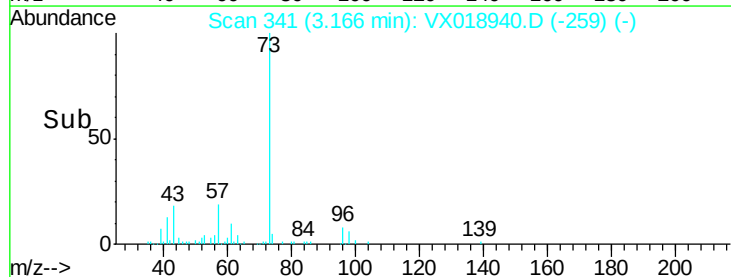
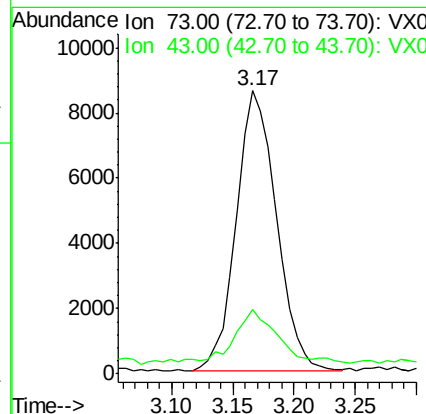
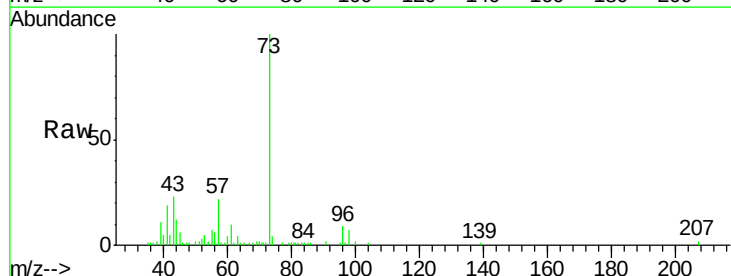
apatel
 10/16/2020 2:11:39 PM

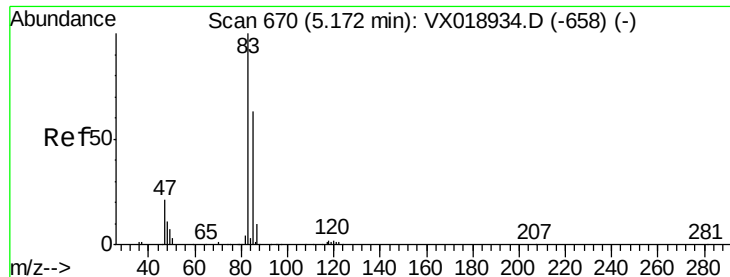


#24

Methyl tert-Butyl Ether
 Concen: 2.473 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.2	13.8	20.8





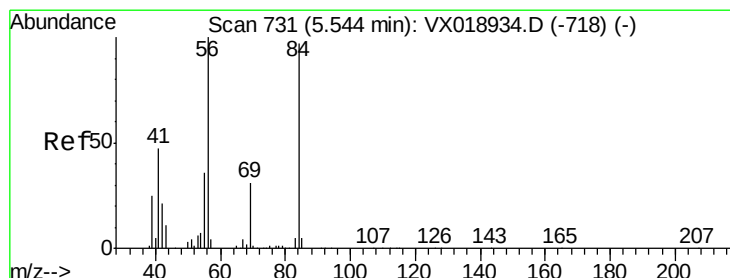
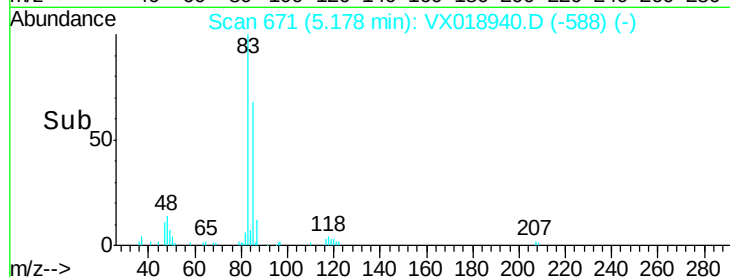
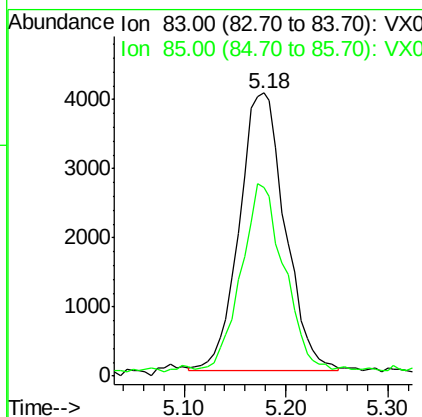
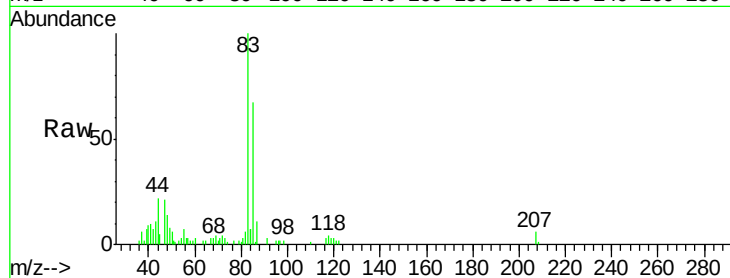
#25
Chloroform
Concen: 2.512 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	83	Resp	12546
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.3	75.5

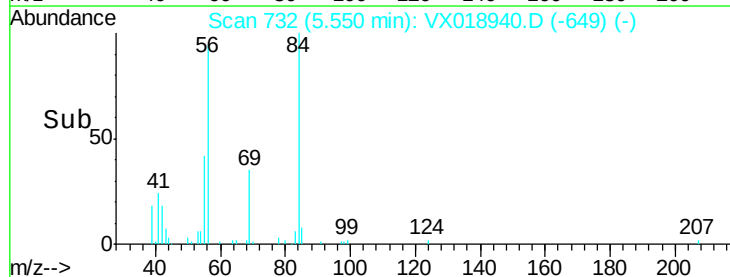
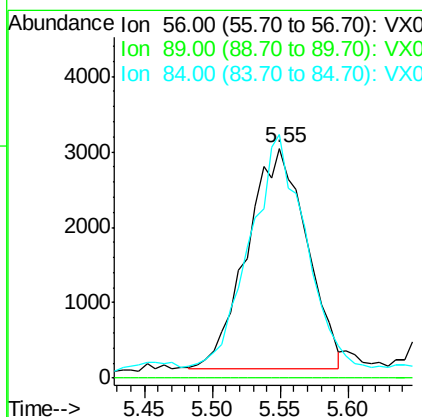
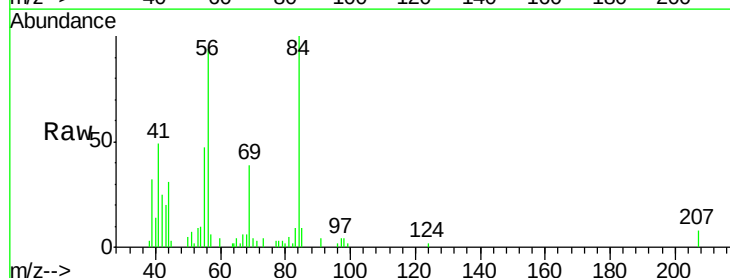
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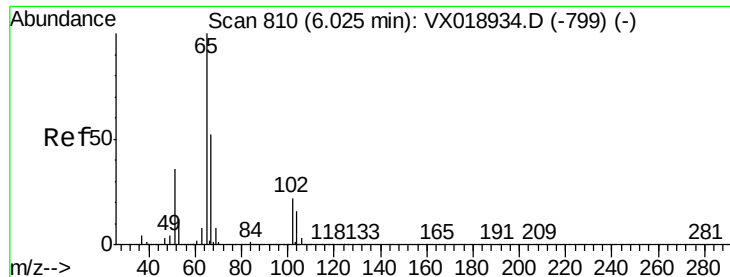
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#26
Cyclohexane
Concen: 2.357 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	56	Resp	8929
Ion Ratio	Lower	Upper	
56	100		
89	0.0	0.0	0.0
84	99.8	78.0	117.0





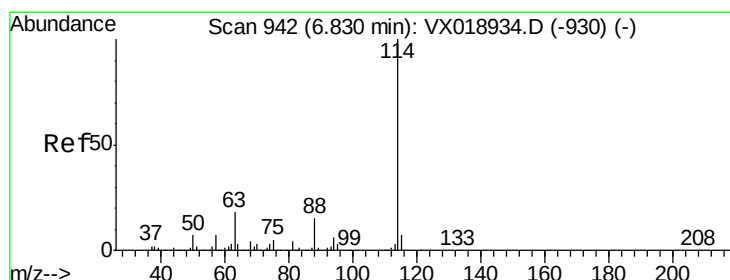
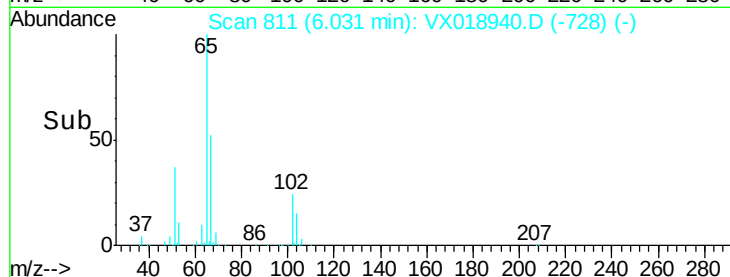
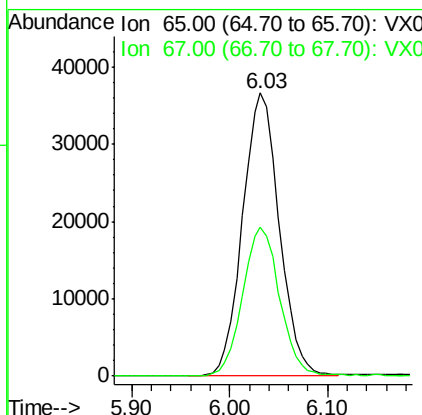
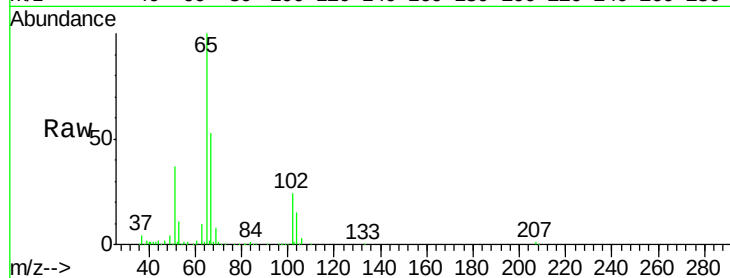
#27
 1,2-Dichloroethane-d4
 Concen: 31.331 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	42.1	63.1

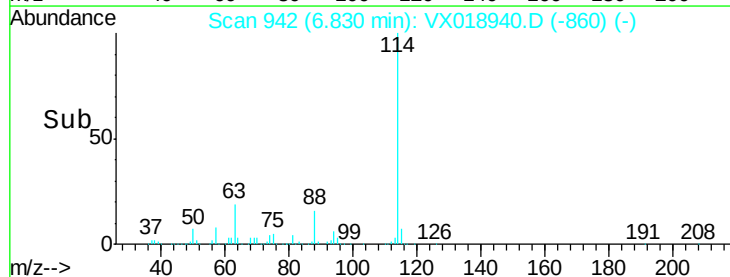
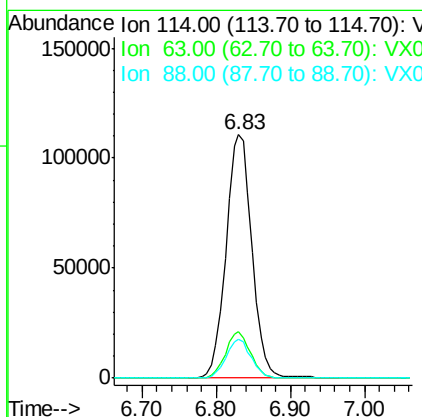
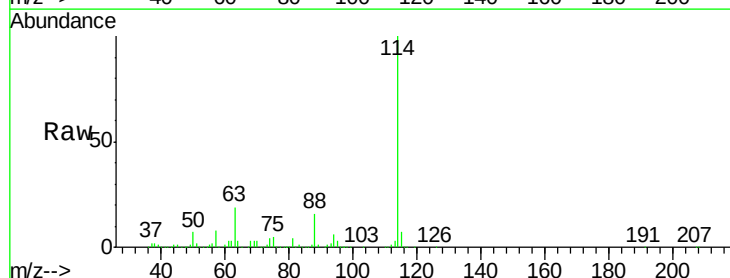
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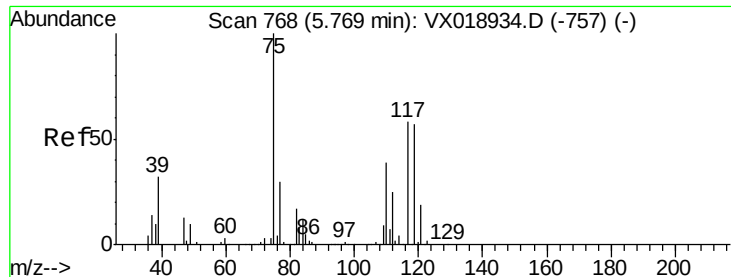
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	14.6	21.8
88	15.5	12.3	18.5





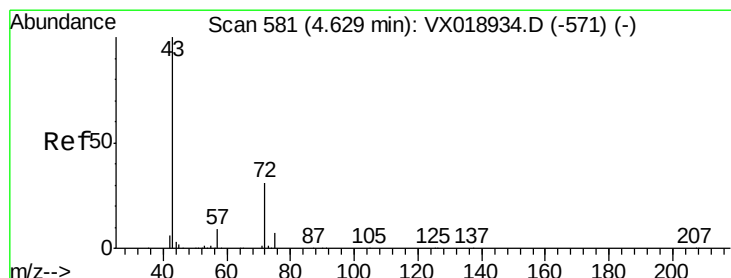
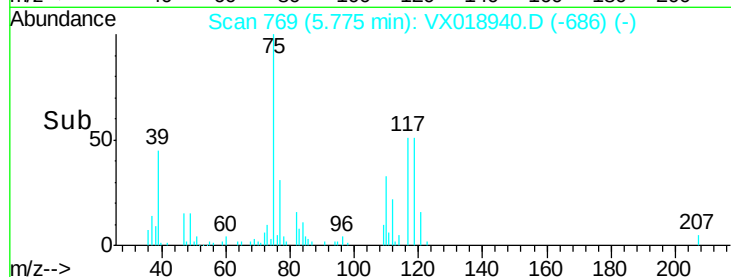
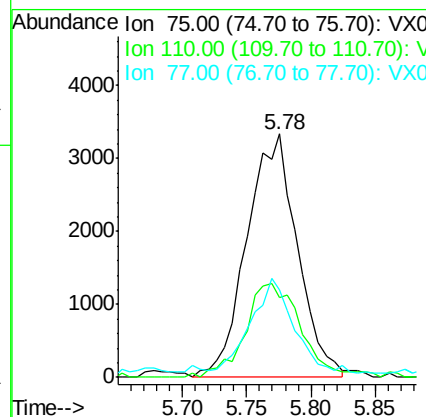
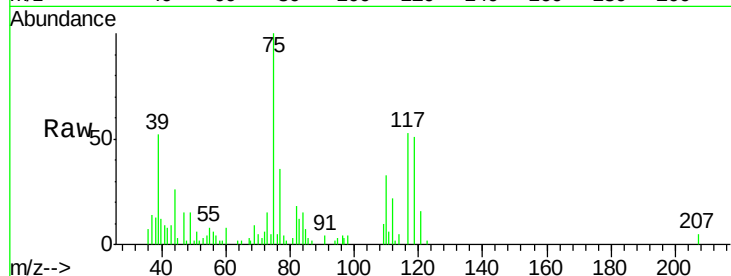
#29
 1,1-Dichloropropene
 Concen: 2.337 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
75	100		
110	41.2	0.0	79.2
77	32.0	0.0	62.6

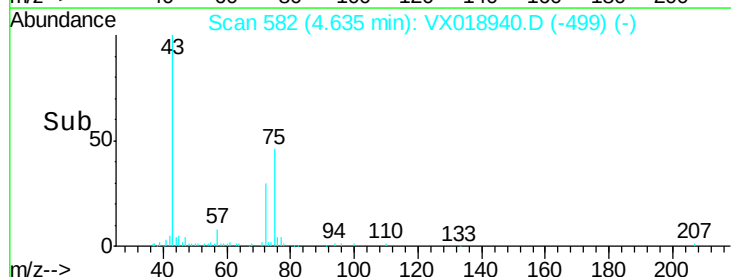
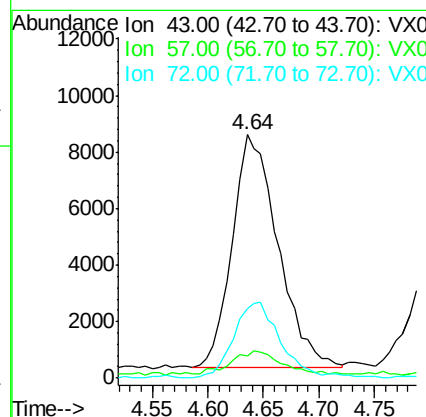
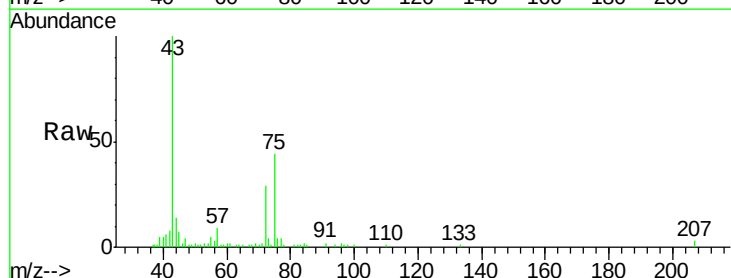
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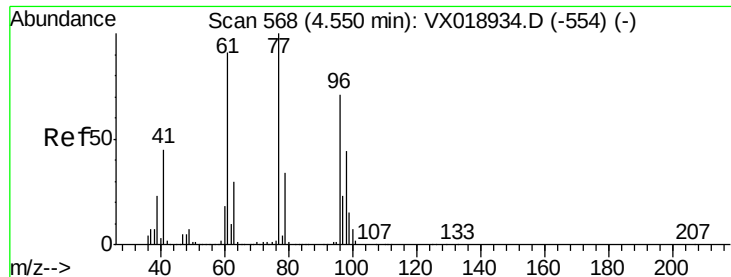
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#30
 2-Butanone
 Concen: 12.066 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.5	7.0	10.6
72	32.6	25.6	38.4





#31

2,2-Dichloropropane

Concen: 2.414 ug/l m

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 77 Resp: 11060

Ion Ratio Lower Upper

77 100

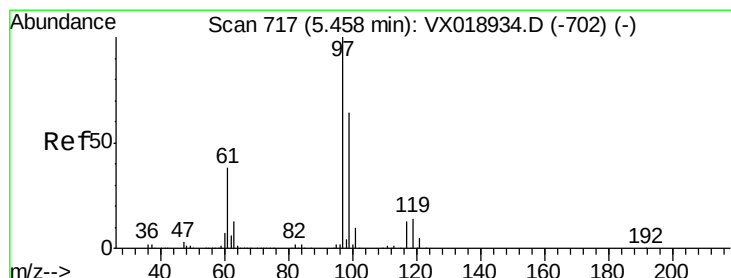
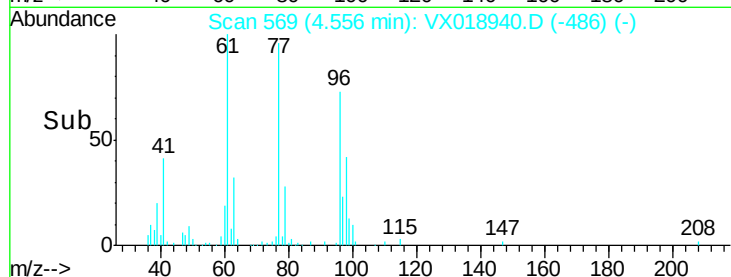
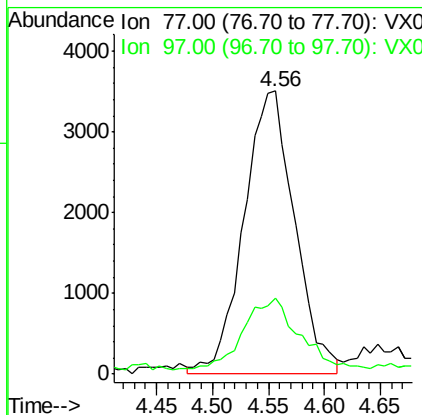
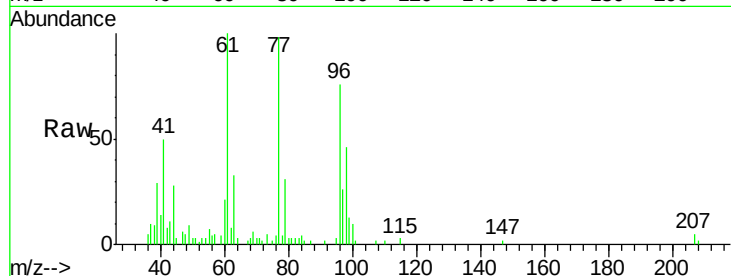
97 0.3 19.0 28.6#

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#32

1,1,1-Trichloroethane

Concen: 2.378 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

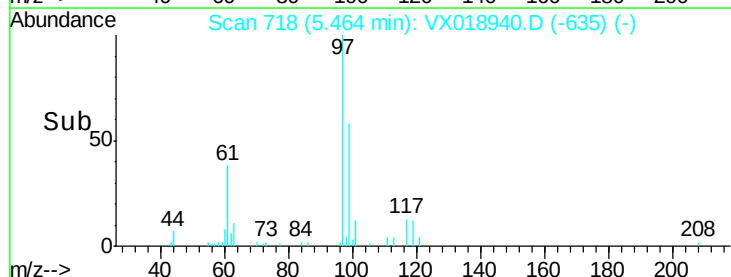
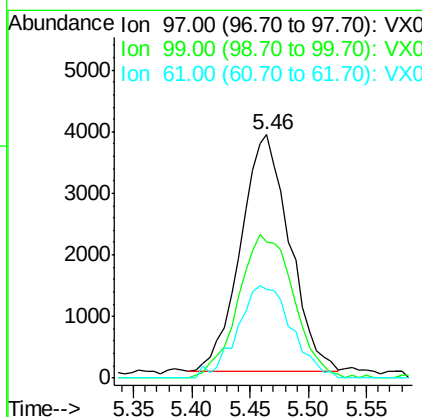
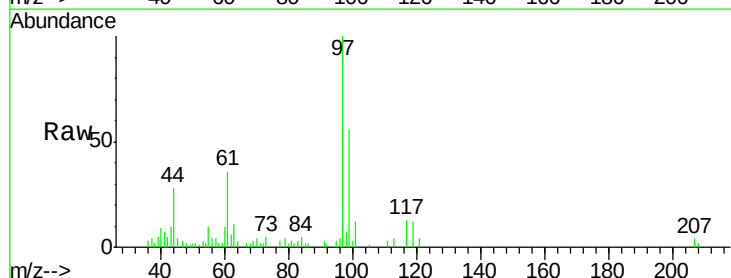
Tgt Ion: 97 Resp: 11226

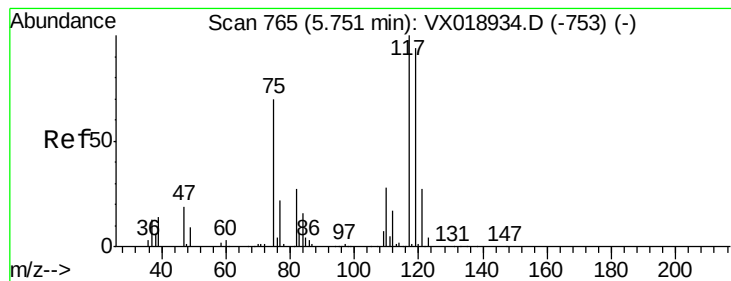
Ion Ratio Lower Upper

97 100

99 68.1 52.6 78.8

61 42.1 31.5 47.3





#33

Carbon Tetrachloride

Concen: 2.372 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

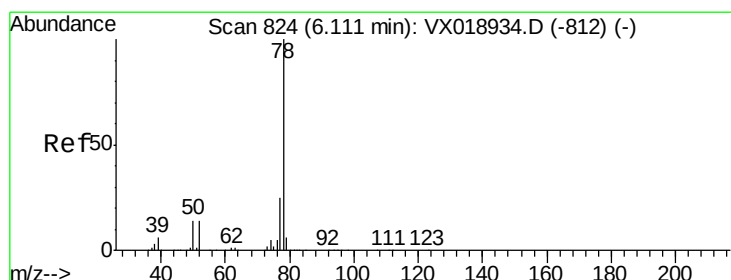
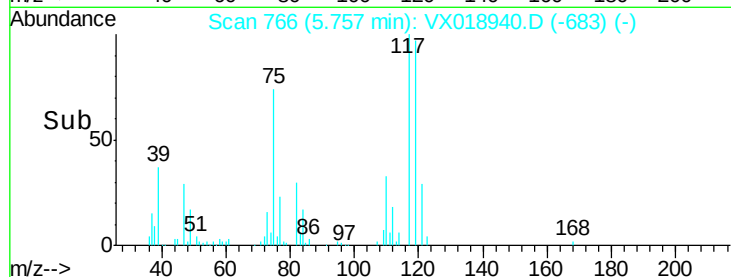
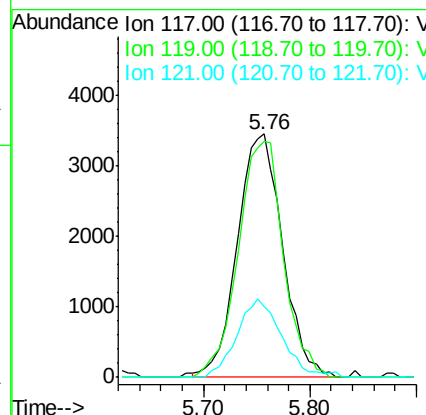
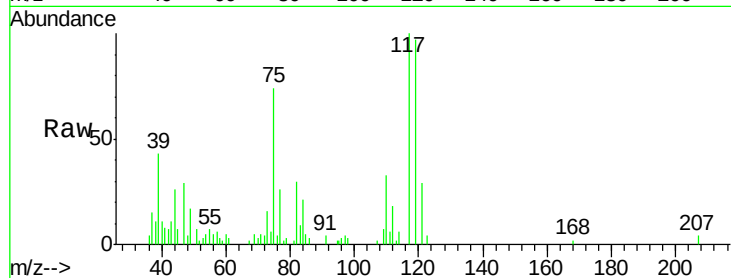
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	117	Resp:	10263
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.4
121	29.0	21.8	32.8

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#34

Benzene

Concen: 2.375 ug/l

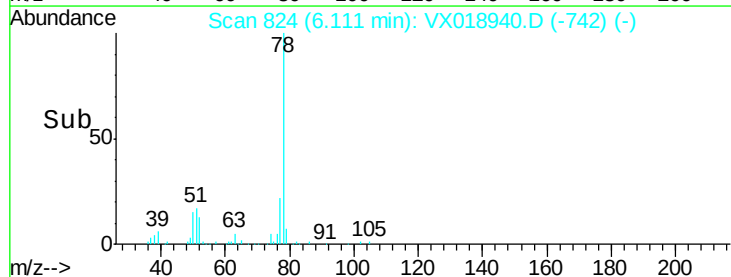
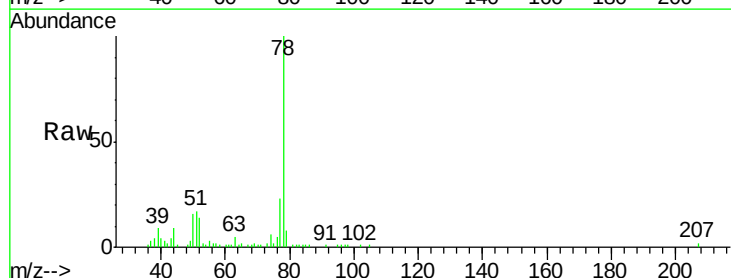
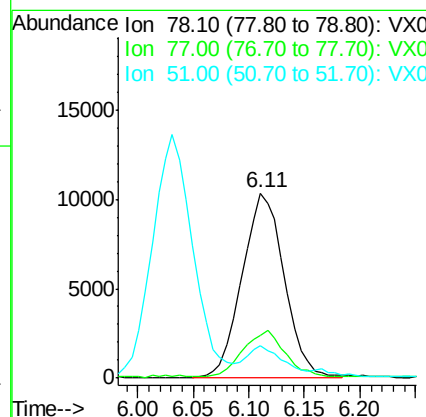
RT: 6.11 min Scan# 824

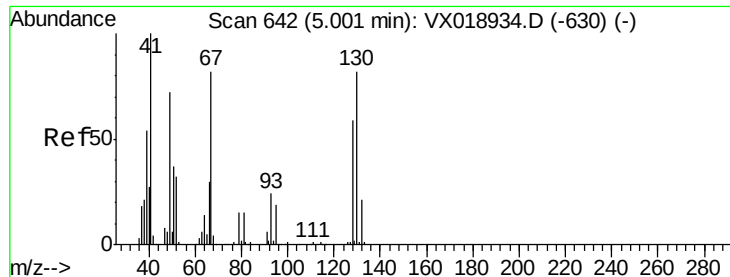
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	78	Resp:	27379
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.7	29.5
51	15.6	12.0	18.0





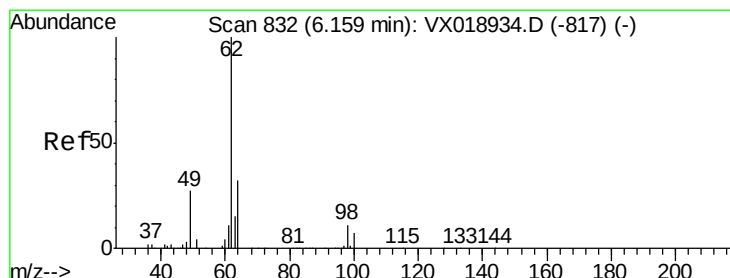
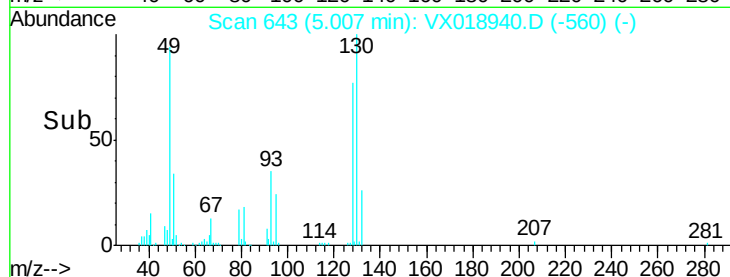
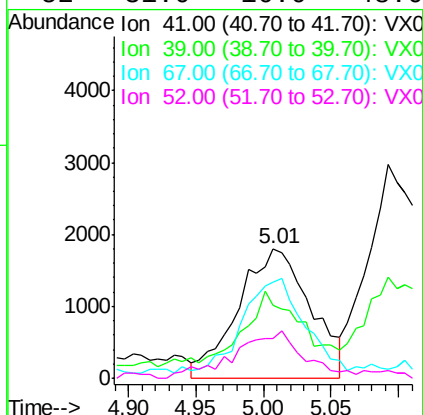
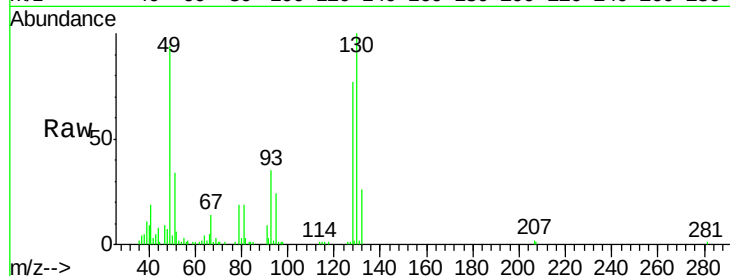
#35
Methacrylonitrile
Concen: 3.338 ug/l m
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion:	41	Resp:	6695
Ion	Ratio	Lower	Upper
41	100		
39	56.8	27.0	81.0
67	74.3	41.1	123.3
52	31.0	16.0	48.0

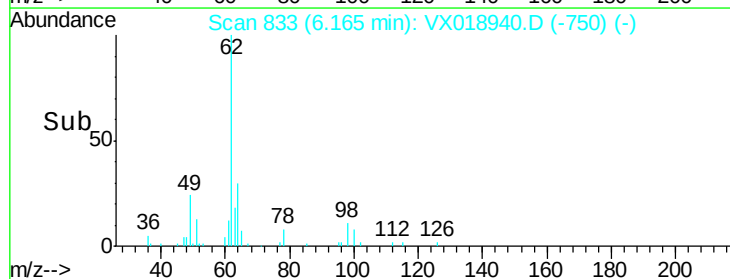
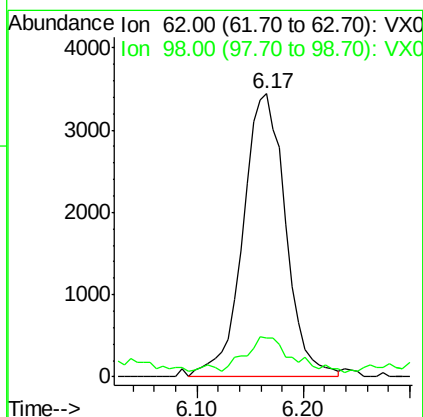
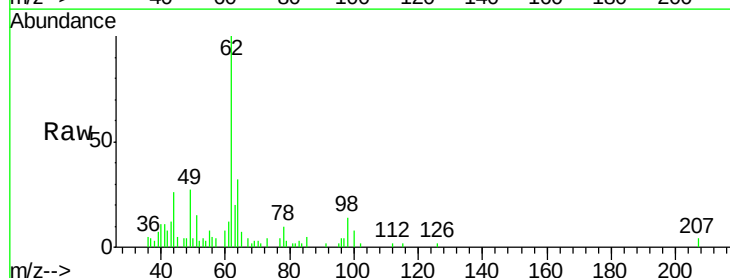
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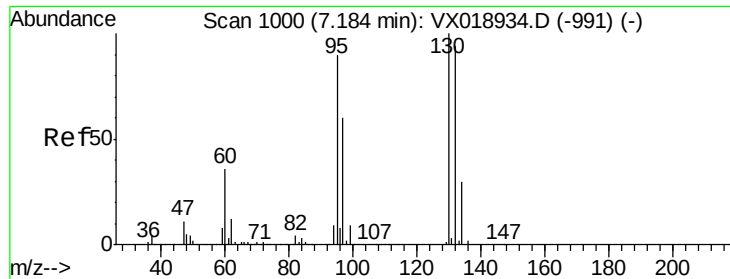
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#36
1,2-Dichloroethane
Concen: 2.555 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion:	62	Resp:	9681
Ion	Ratio	Lower	Upper
62	100		
98	8.3	8.9	13.3#





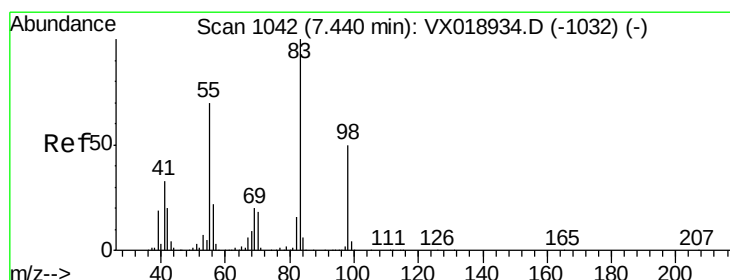
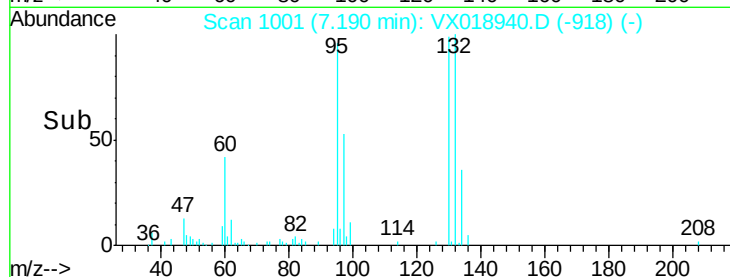
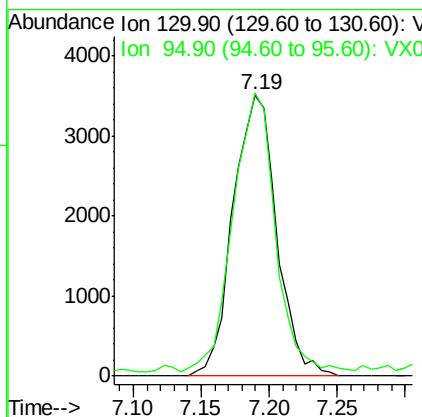
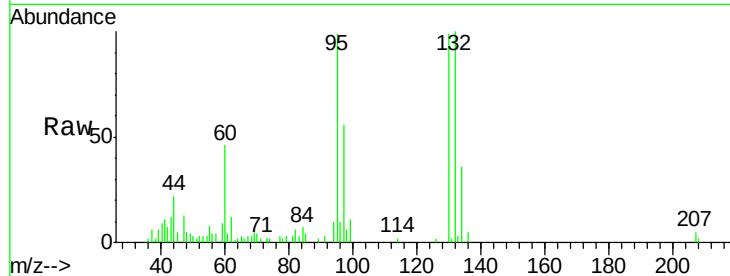
#37
 Trichloroethene
 Concen: 2.327 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion:130 Resp: 7870
 Ion Ratio Lower Upper
 130 100
 95 98.0 71.8 107.6

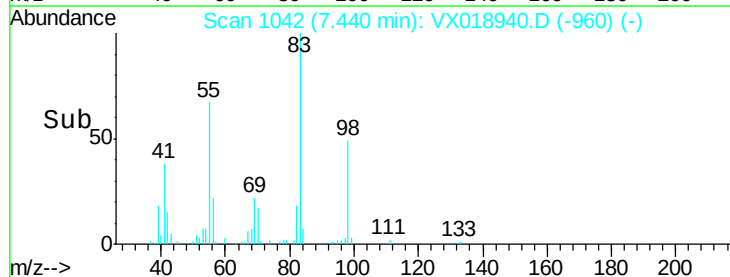
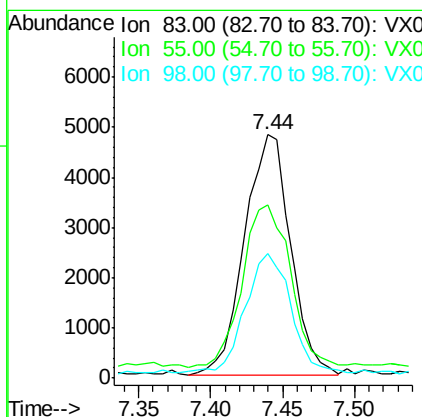
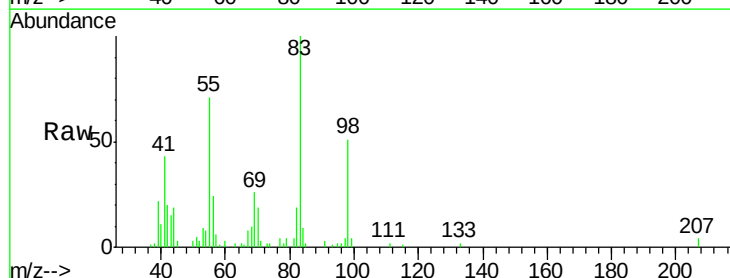
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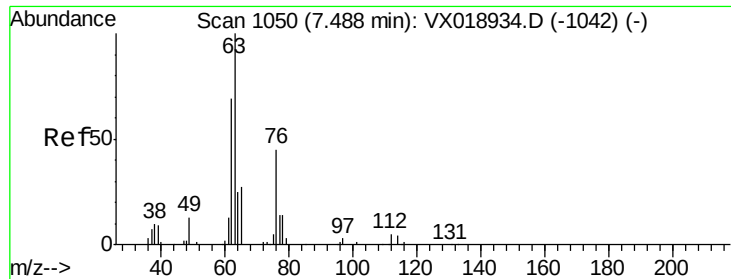
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#38
 Methylcyclohexane
 Concen: 2.389 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion: 83 Resp: 10591
 Ion Ratio Lower Upper
 83 100
 55 70.2 34.8 104.4
 98 48.2 25.8 77.4





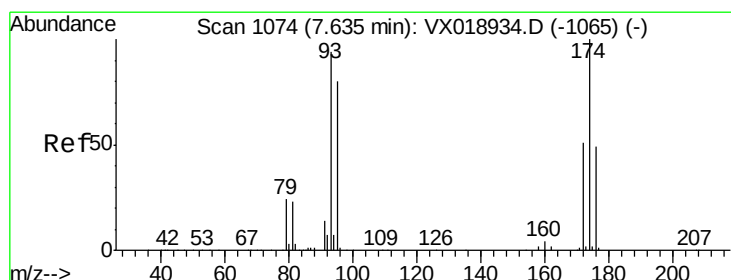
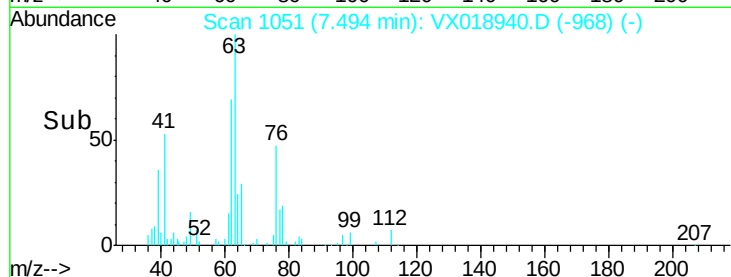
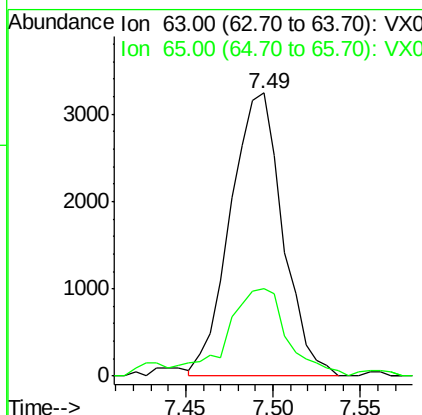
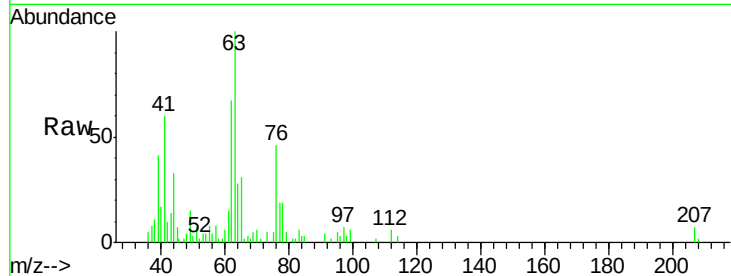
#39
 1,2-Dichloropropane
 Concen: 2.398 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion: 63 Resp: 6760
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.0 34.6

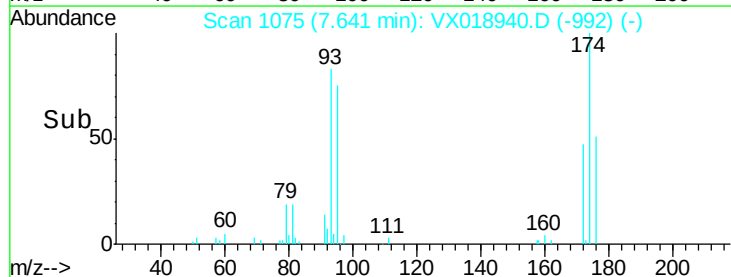
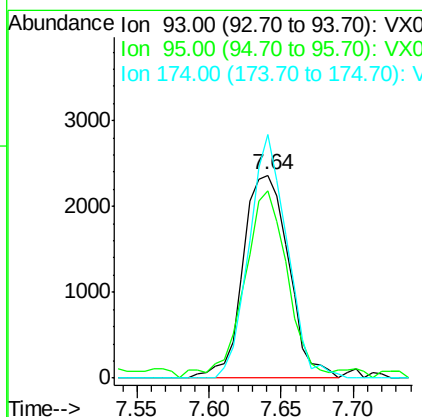
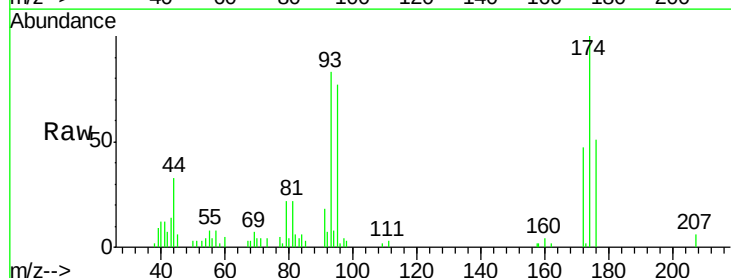
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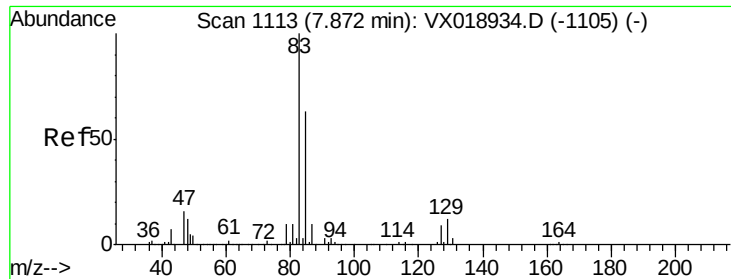
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#40
 Dibromomethane
 Concen: 2.503 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion: 93 Resp: 5184
 Ion Ratio Lower Upper
 93 100
 95 80.0 0.0 164.0
 174 97.9 0.0 214.6





#41

Bromodichloromethane

Concen: 2.357 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

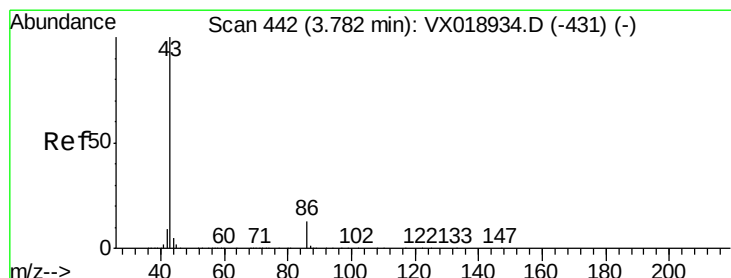
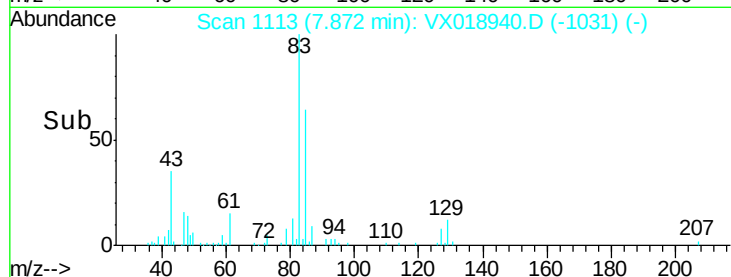
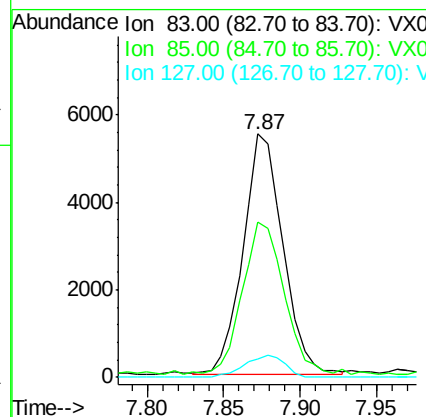
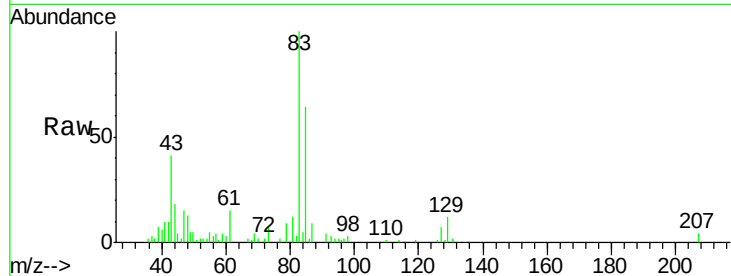
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	83	Resp:	9934
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.4	75.6
127	7.5	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 11.644 ug/l

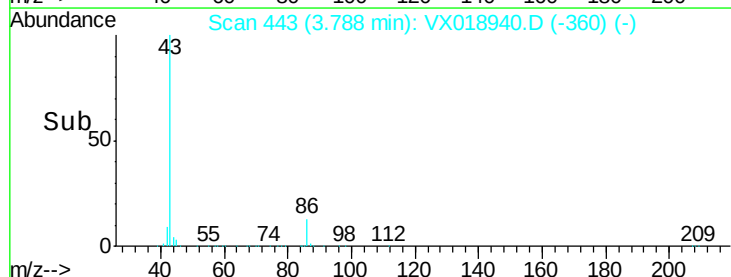
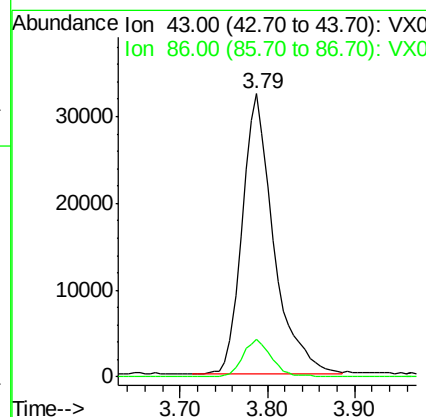
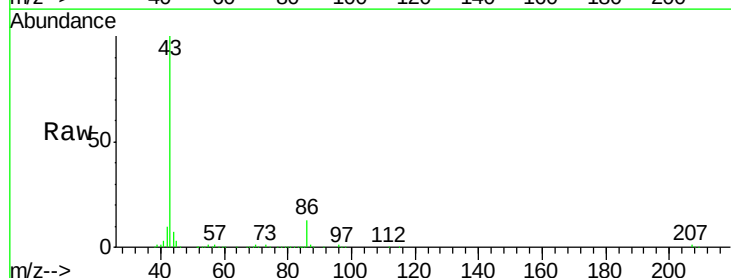
RT: 3.79 min Scan# 443

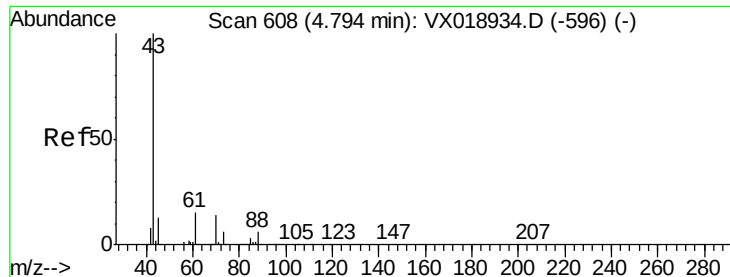
Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	43	Resp:	80833
Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.8	14.8





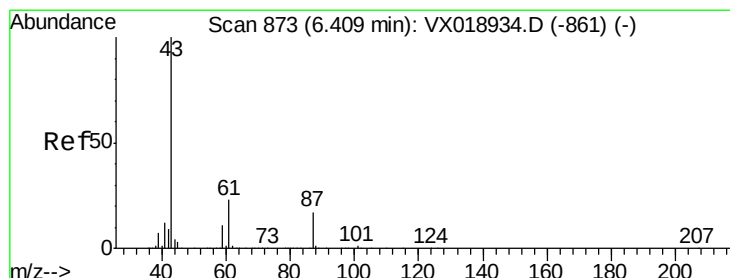
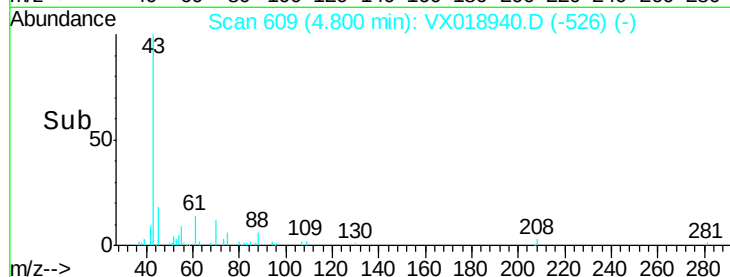
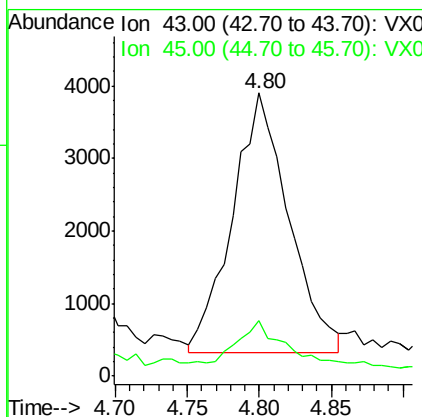
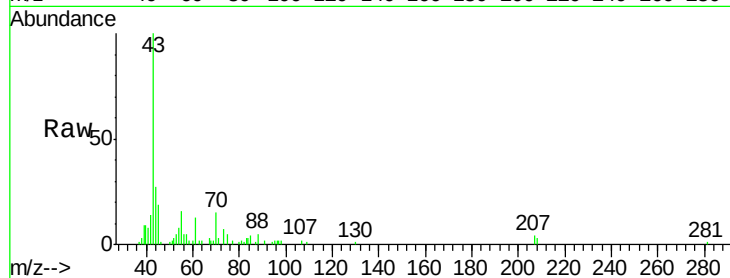
#43
Ethyl Acetate
Concen: 2.423 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion: 43 Resp: 9720
Ion Ratio Lower Upper
43 100
45 15.1 11.5 17.3

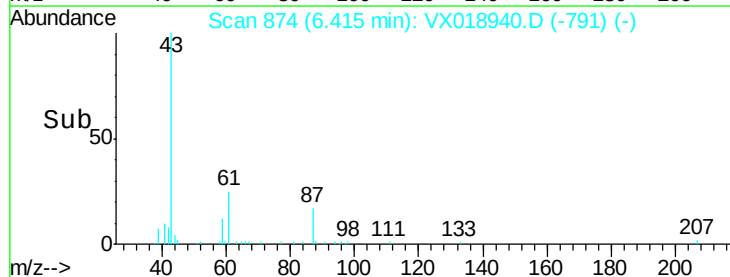
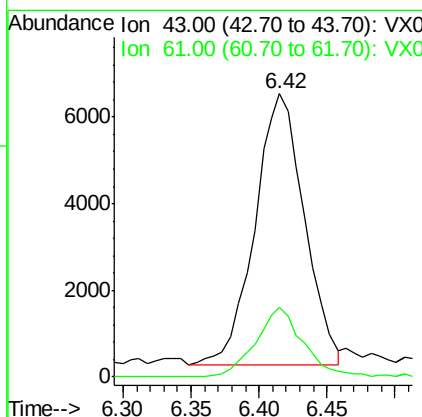
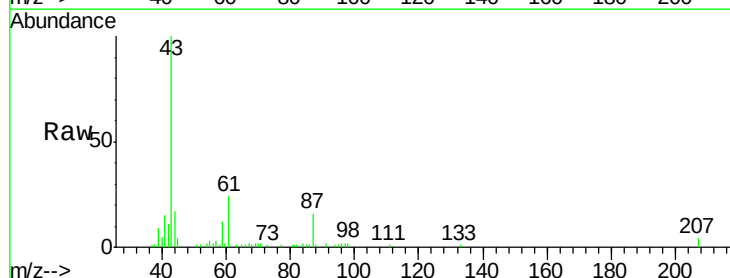
Manual Integrations
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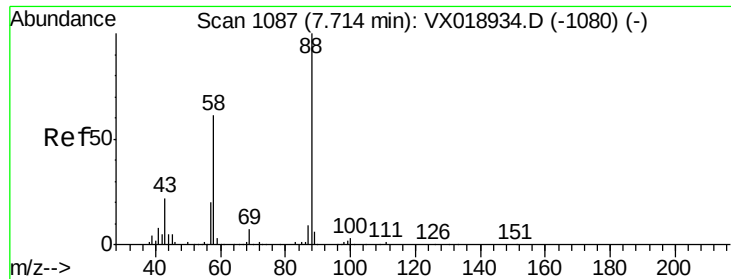
apatel
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#44
Isopropyl Acetate
Concen: 2.465 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion: 43 Resp: 15879
Ion Ratio Lower Upper
43 100
61 24.4 0.0 0.0#





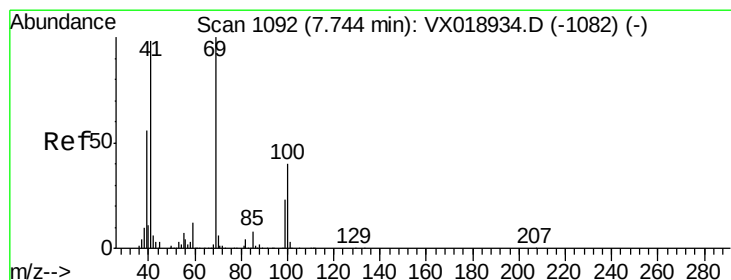
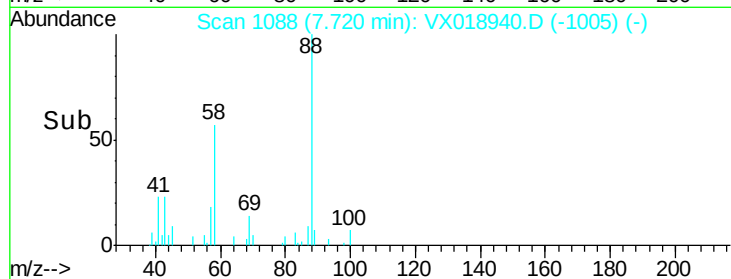
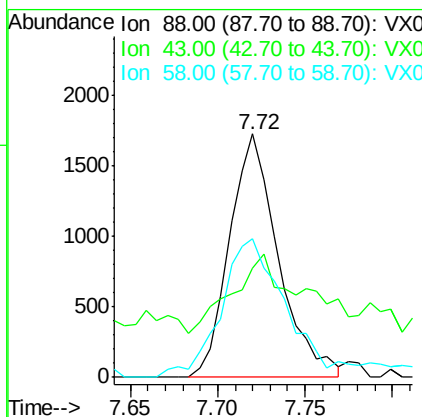
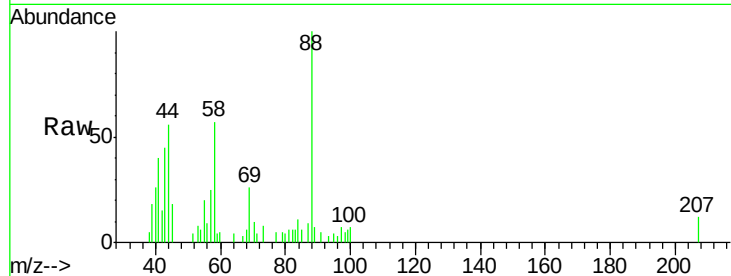
#45
 1,4-Dioxane
 Concen: 48.572 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	22.1	33.1#
58	71.2	52.1	78.1

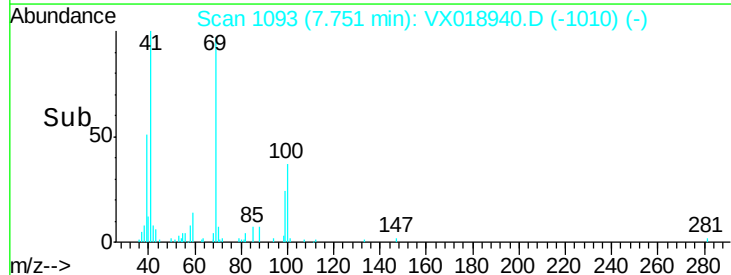
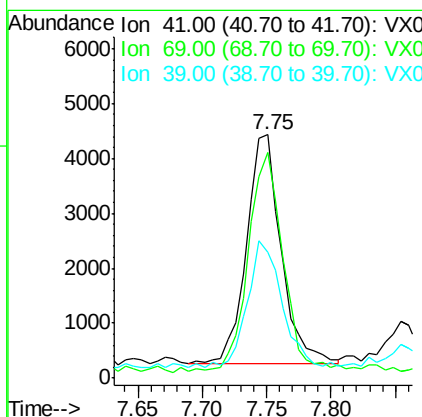
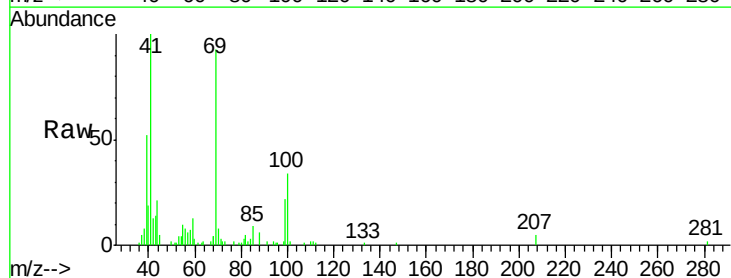
Manual Integrations
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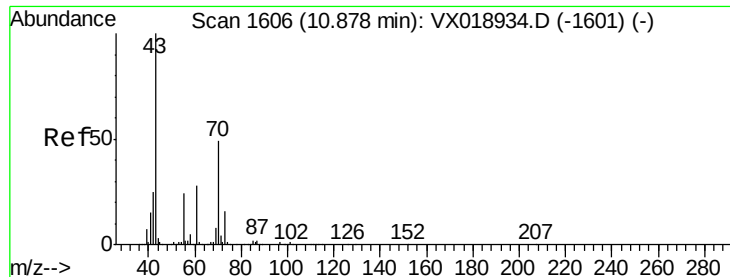
apatel
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#46
 Methyl methacrylate
 Concen: 2.559 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.9	50.8	152.5
39	50.1	28.5	85.6





#47

n-amyl Acetate

Concen: 2.265 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 12184

Ion Ratio Lower Upper

43 100

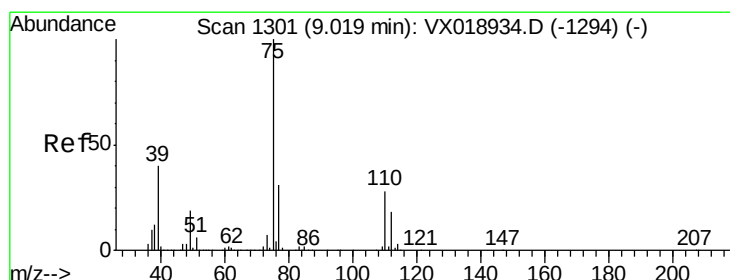
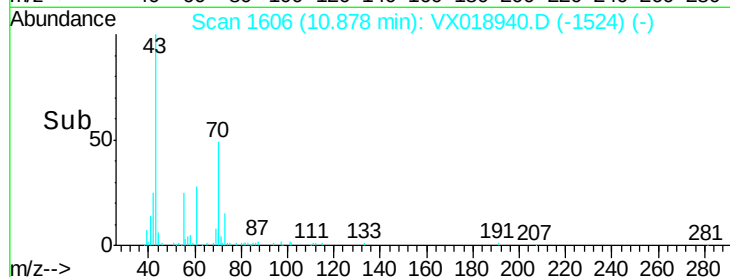
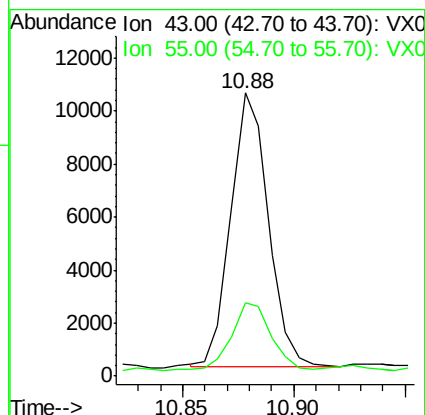
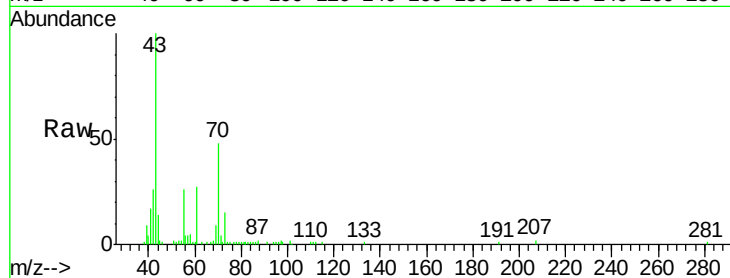
55 25.0 19.9 29.9

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 2.338 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018940.D

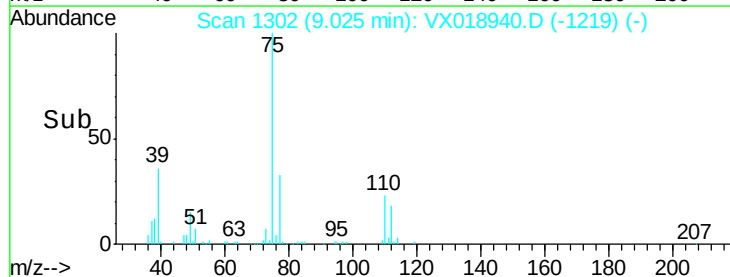
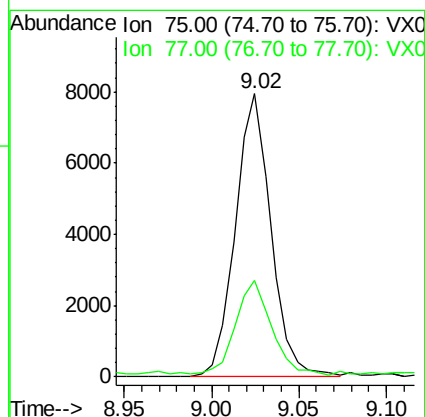
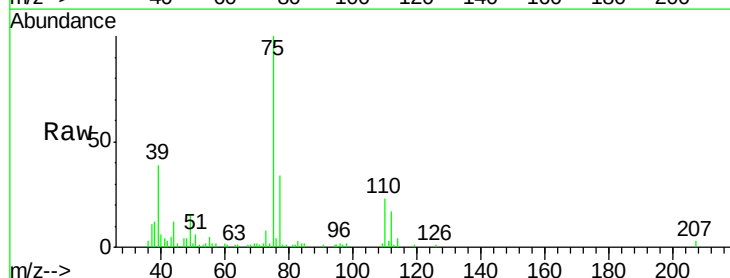
Acq: 15 Oct 2020 18:21

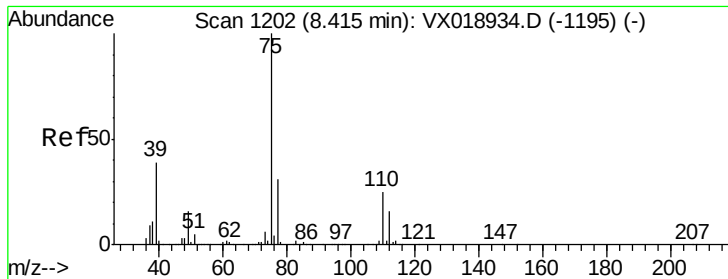
Tgt Ion: 75 Resp: 11252

Ion Ratio Lower Upper

75 100

77 33.2 24.6 36.8





#49

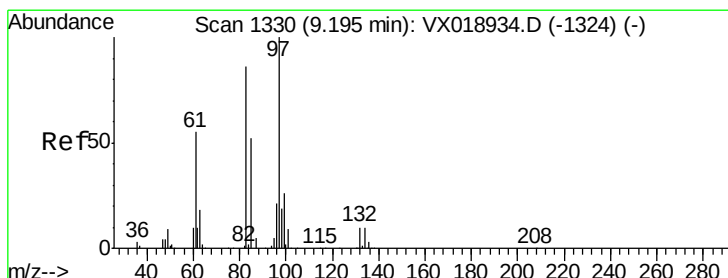
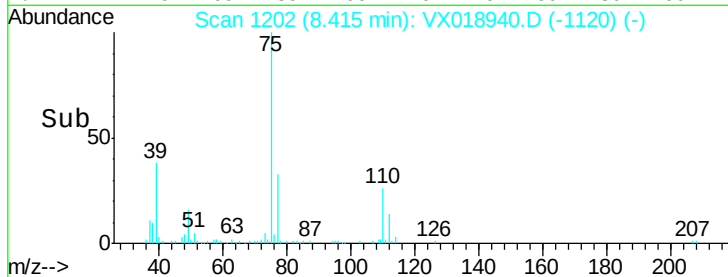
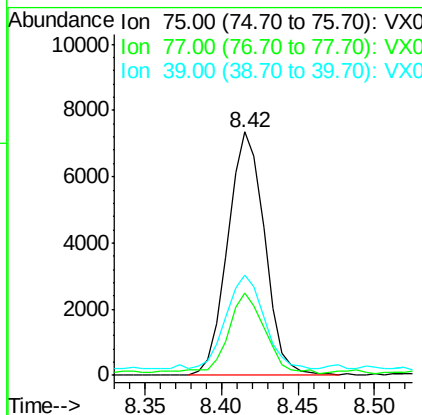
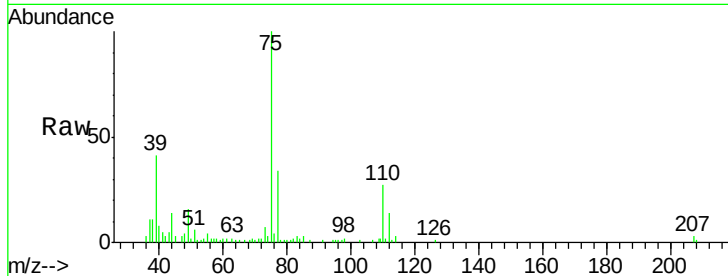
cis-1,3-Dichloropropene
 Concen: 2.402 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.1	37.7
39	38.1	31.5	47.3

Manual Integrations
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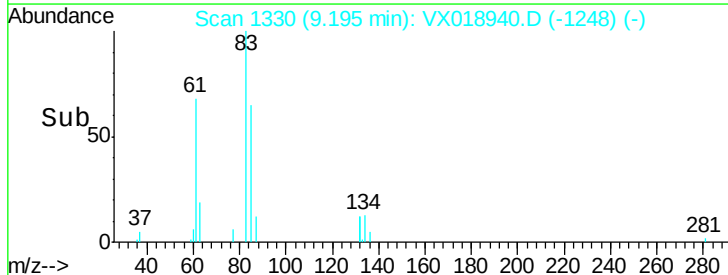
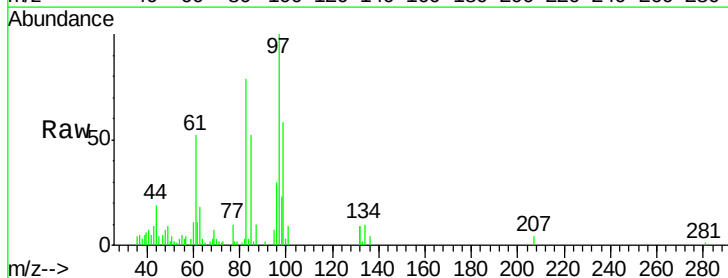
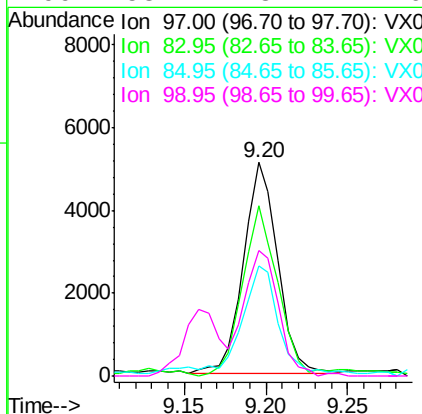
apatel
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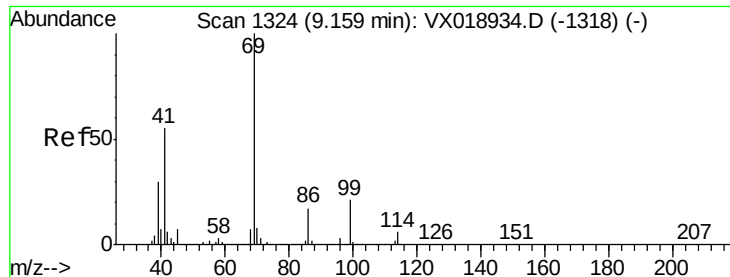


#50

1,1,2-Trichloroethane
 Concen: 2.513 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.1	68.0	102.0
85	49.8	43.8	65.8
99	58.2	48.4	72.6





#51

Ethyl methacrylate

Concen: 2.319 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

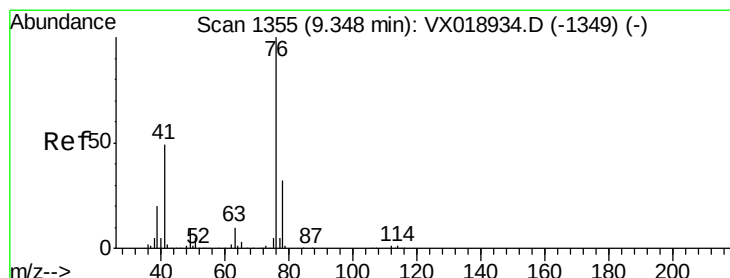
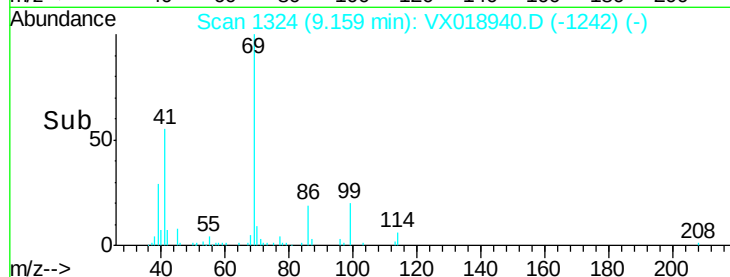
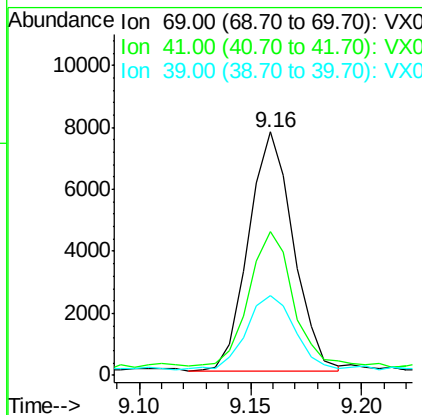
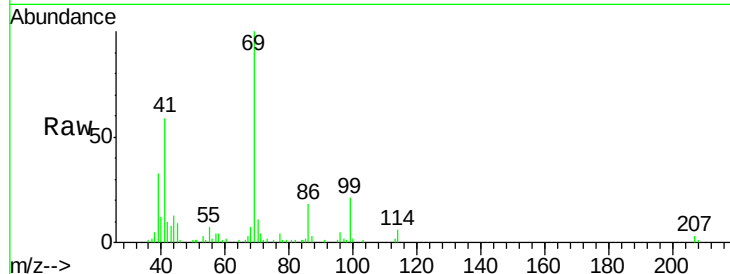
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	69	Resp:	10844
Ion	Ratio	Lower	Upper
69	100		
41	56.1	27.6	82.8
39	30.8	15.0	45.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 2.383 ug/l

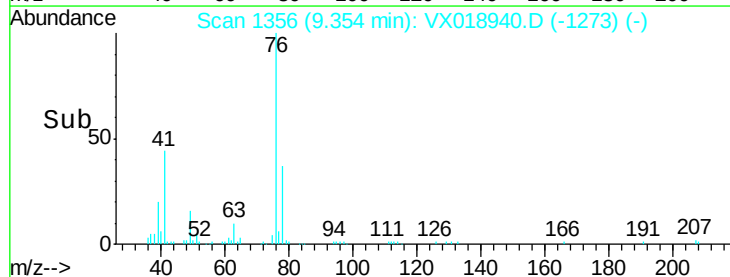
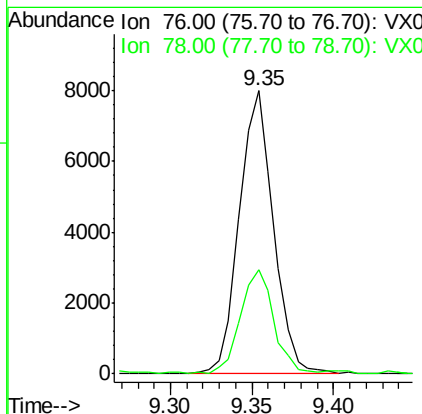
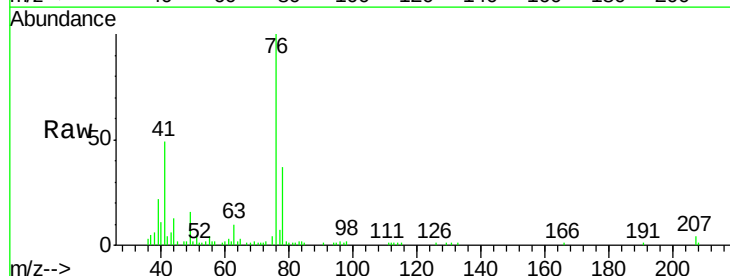
RT: 9.35 min Scan# 1356

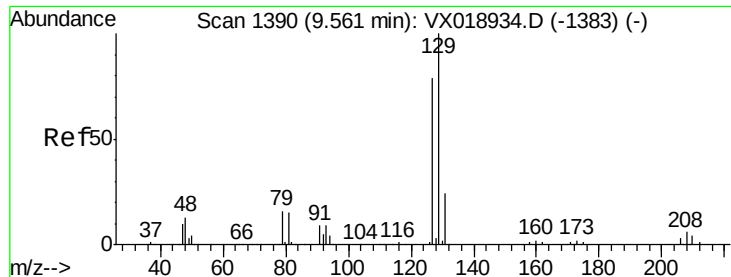
Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	76	Resp:	11683
Ion	Ratio	Lower	Upper
76	100		
78	36.1	0.0	65.2





#53

Dibromochloromethane

Concen: 2.240 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:129 Resp: 7917

Ion Ratio Lower Upper

129 100

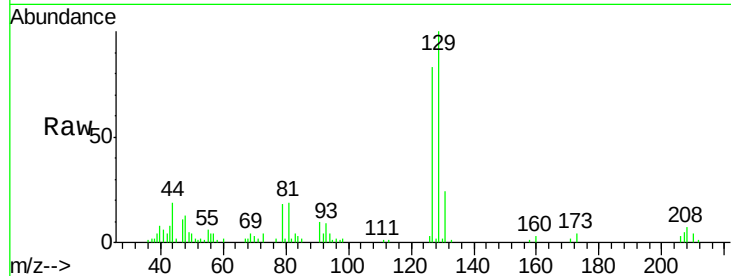
127 81.2 38.7 116.1

Manual Integrations

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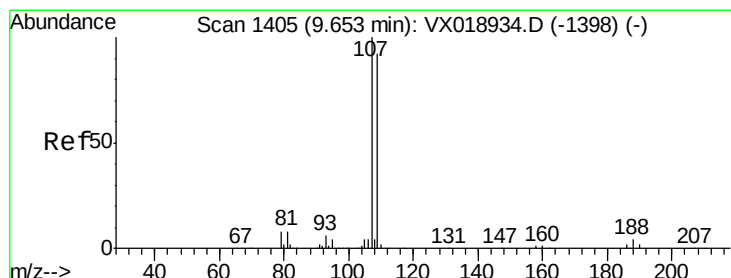
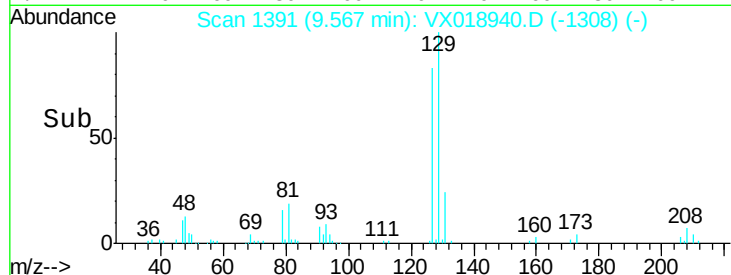
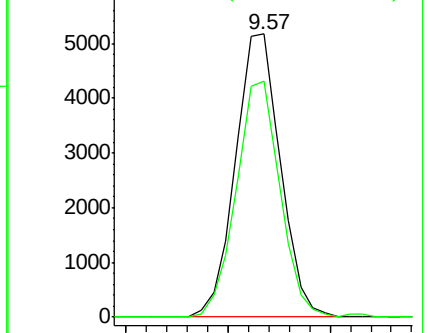
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 2.446 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018940.D

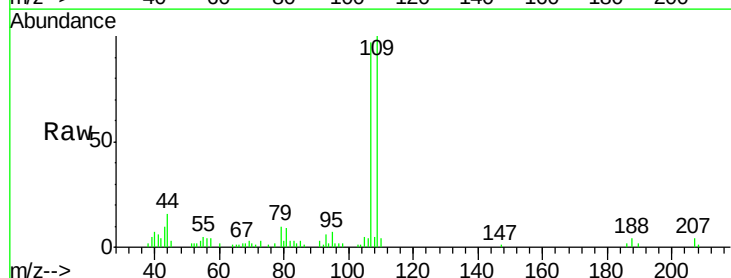
Acq: 15 Oct 2020 18:21

Tgt Ion:107 Resp: 7989

Ion Ratio Lower Upper

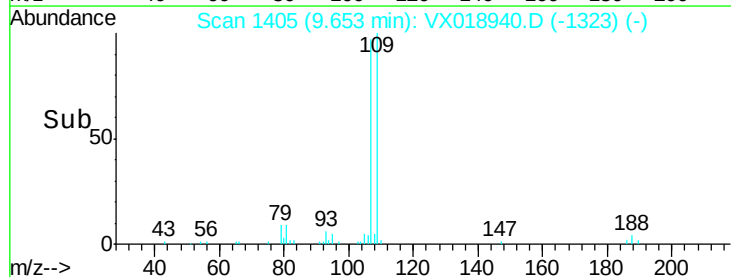
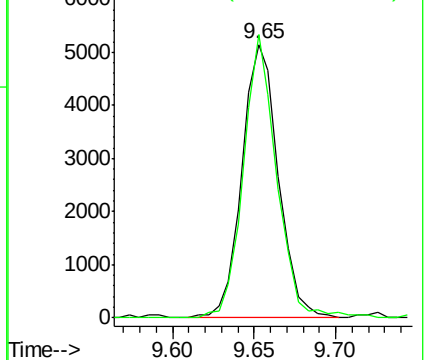
107 100

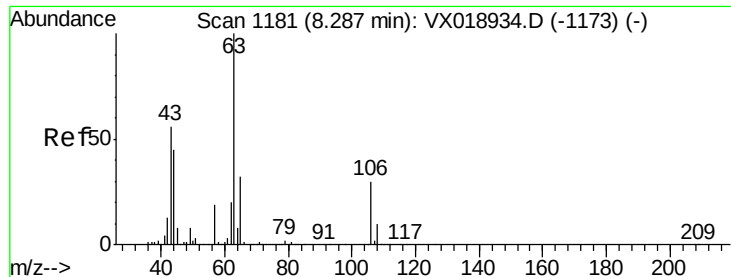
109 94.6 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





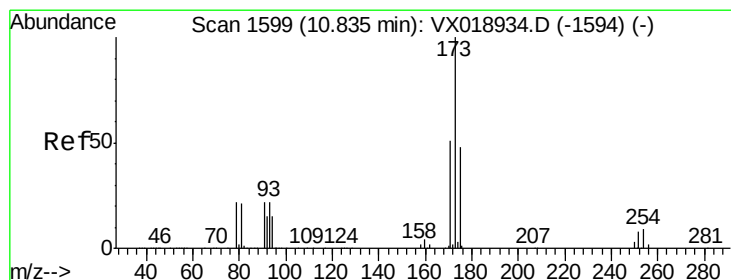
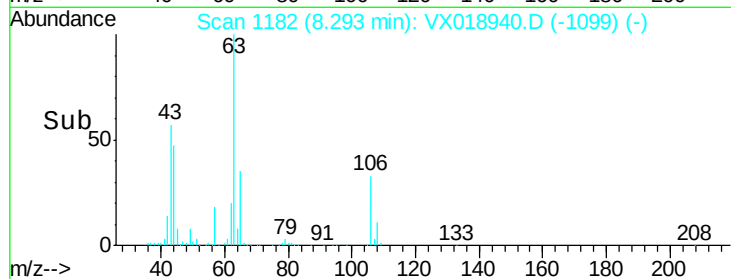
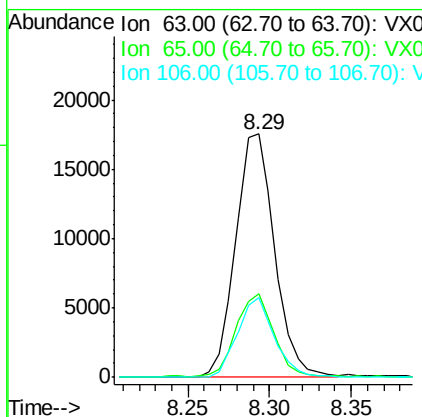
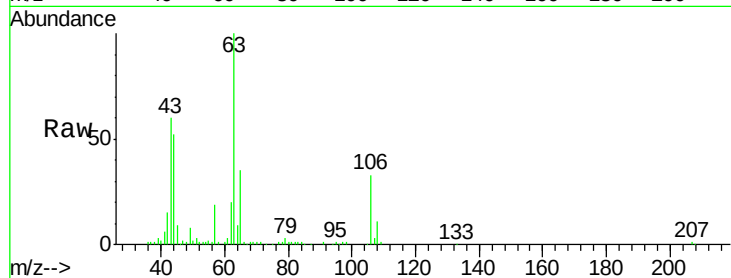
#55
 2-Chloroethyl vinyl ether
 Concen: 11.789 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.9	25.8	38.6
106	31.4	25.3	37.9

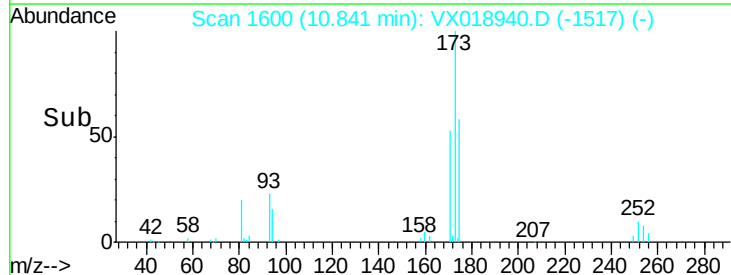
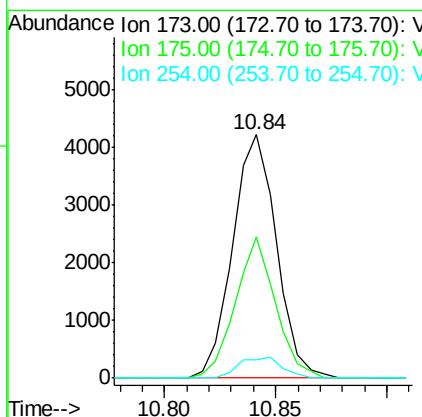
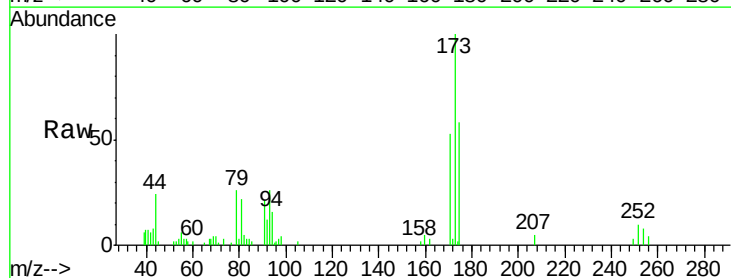
Manual Integrations
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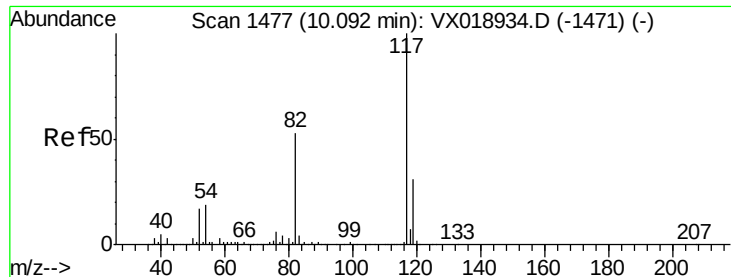
apatel
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#56
 Bromoform
 Concen: 2.117 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	53.2	39.2	58.8
254	8.3	7.5	11.3





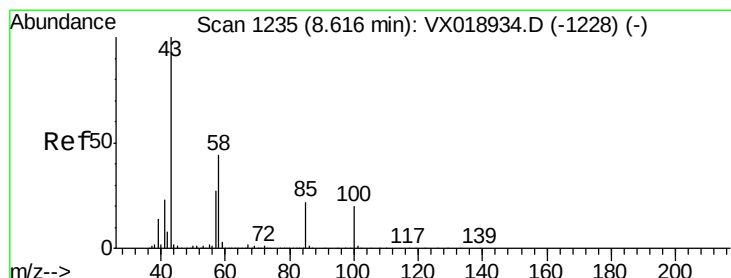
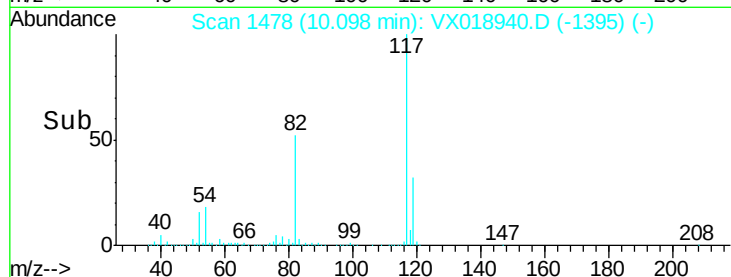
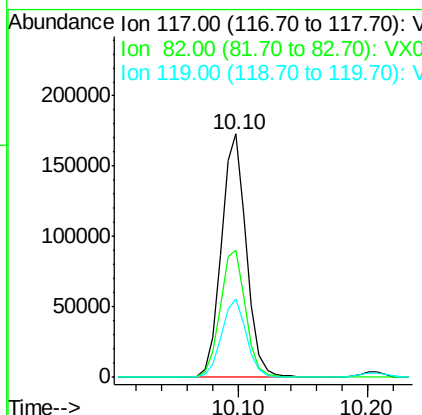
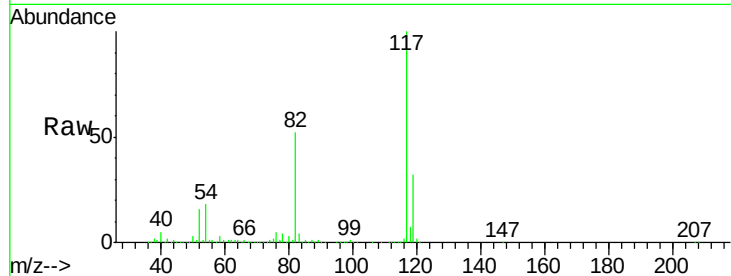
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	234342		
82	53.4	41.6	62.4	
119	32.4	25.7	38.5	

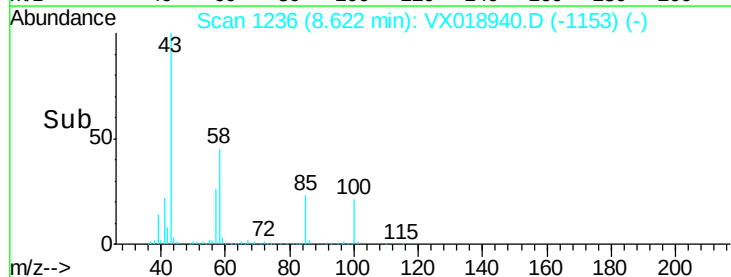
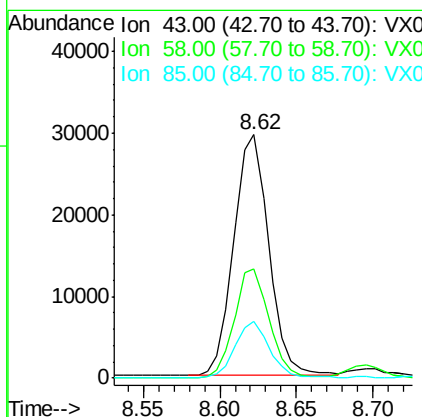
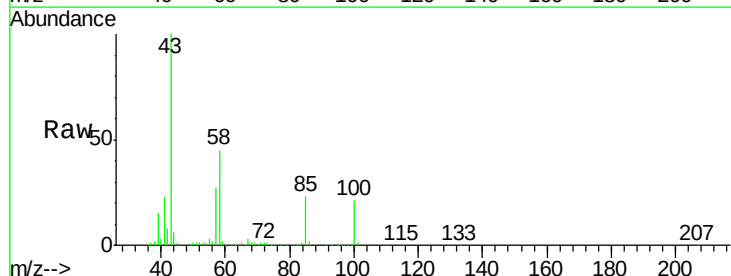
Manual Integrations
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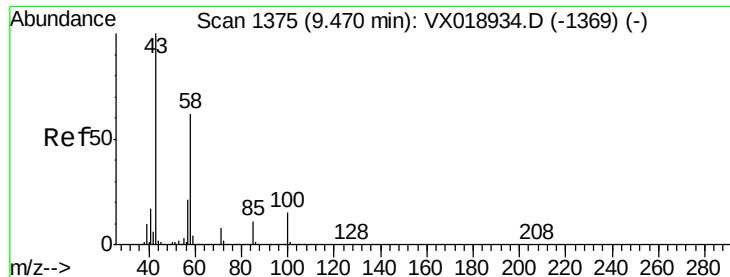
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#58
4-Methyl-2-Pentanone
Concen: 12.485 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	46686		
58	45.2	35.4	53.2	
85	23.2	18.0	27.0	





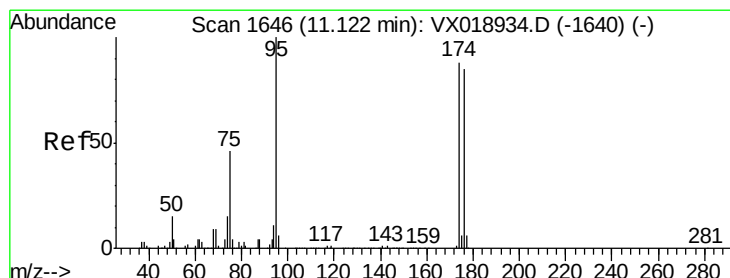
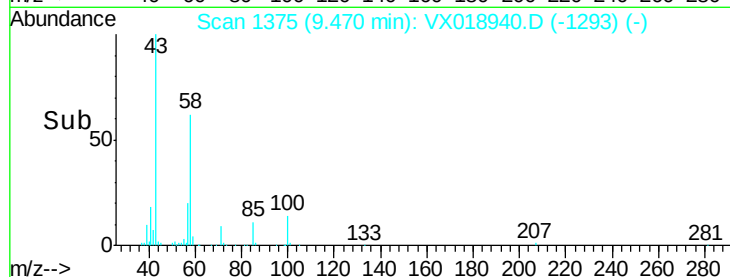
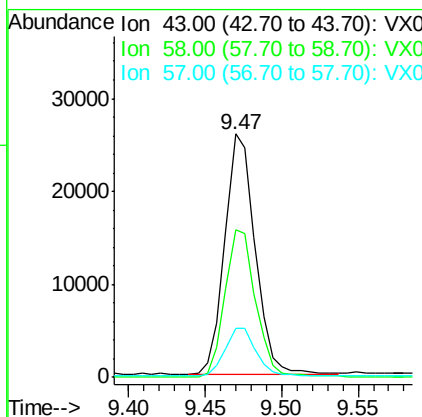
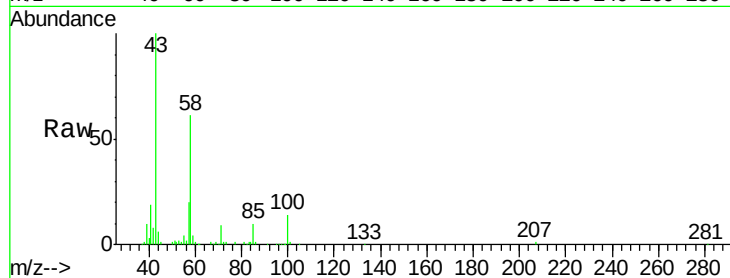
#59
2-Hexanone
Concen: 12.405 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	43	Resp	35519
Ion	Ratio	Lower	Upper
43	100		
58	62.8	49.7	74.5
57	20.7	16.9	25.3

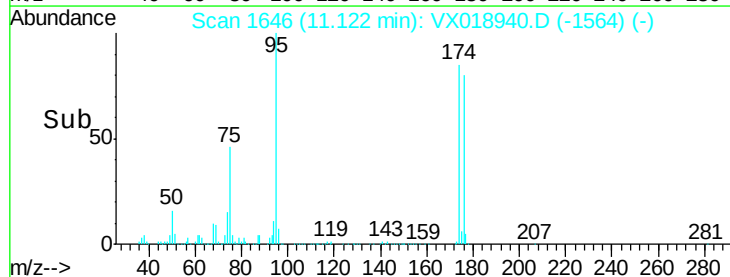
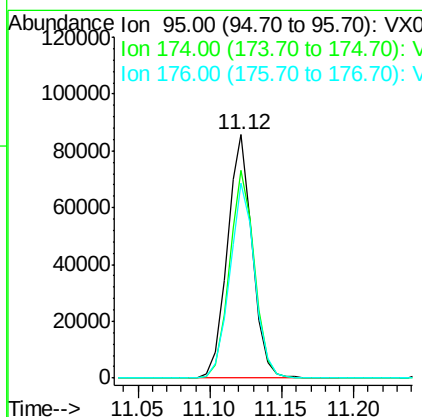
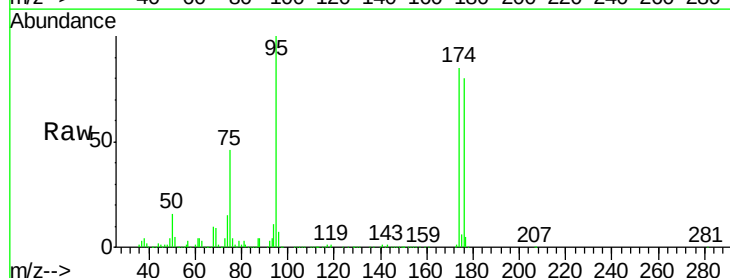
Manual Integrations
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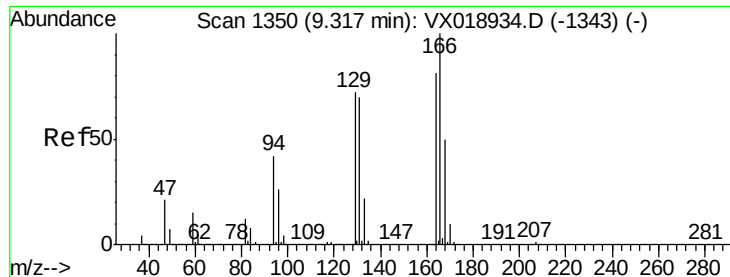
apatel
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#60
4-Bromofluorobenzene
Concen: 28.551 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	95	Resp	104166
Ion	Ratio	Lower	Upper
95	100		
174	85.5	67.0	100.4
176	80.1	64.5	96.7





#61

Tetrachloroethene

Concen: 2.308 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

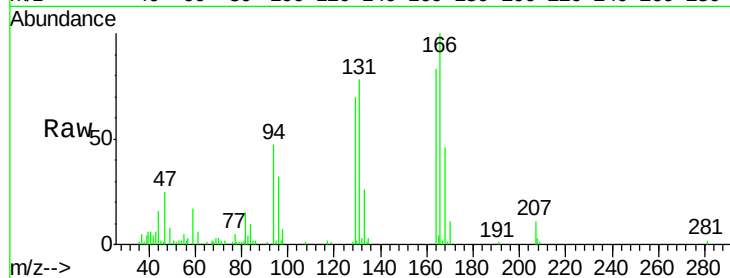
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	164	Resp:	6652
Ion	Ratio	Lower	Upper
164	100		
166	120.7	99.4	149.0
129	84.5	71.8	107.6
131	94.0	69.8	104.6

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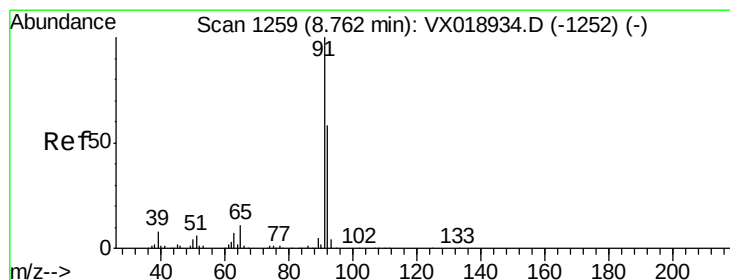
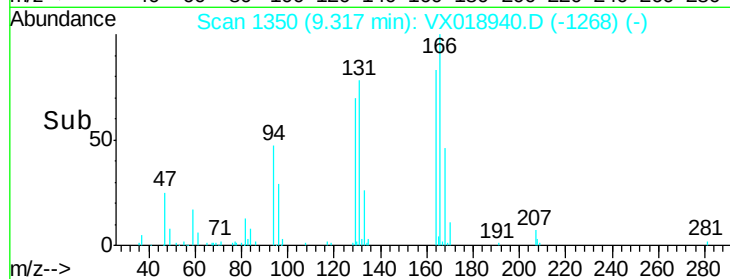
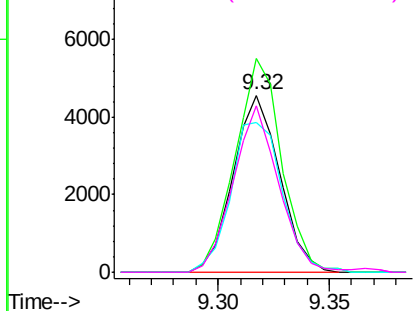


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 2.396 ug/l

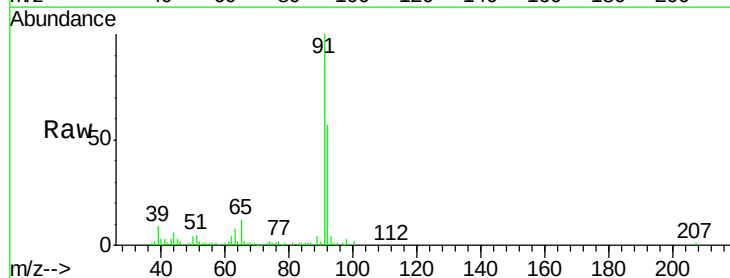
RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018940.D

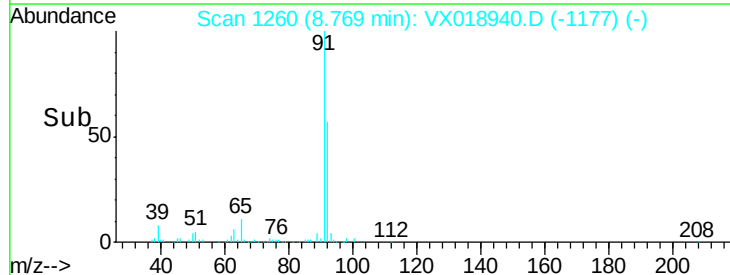
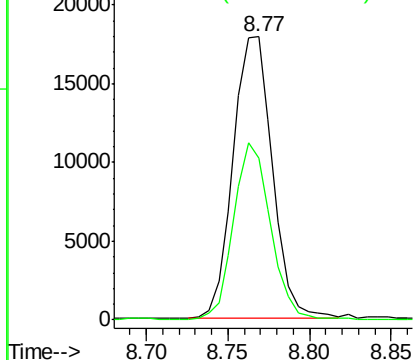
Acq: 15 Oct 2020 18:21

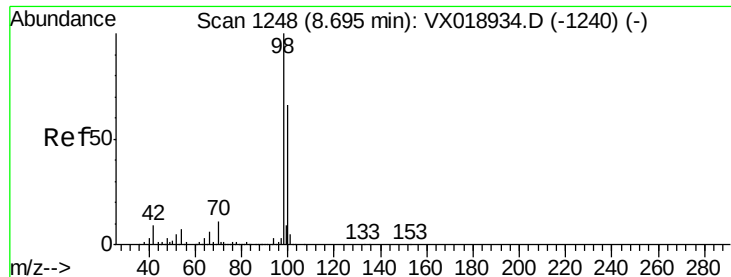
Tgt Ion:	91	Resp:	30089
Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.1	70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.037 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 98 Resp: 317728

Ion Ratio Lower Upper

98 100

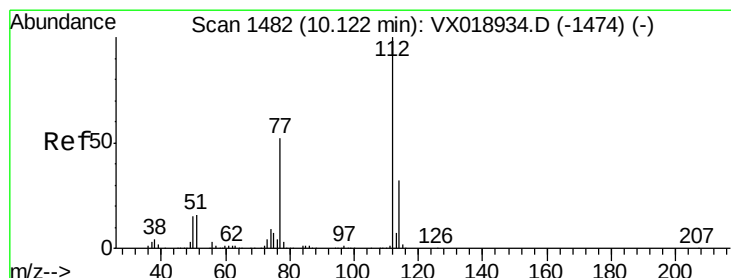
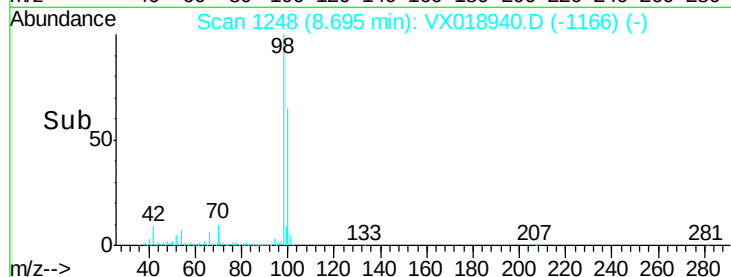
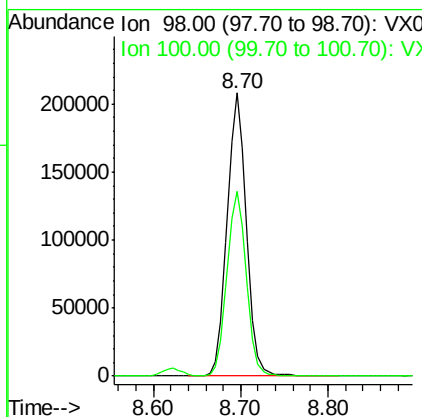
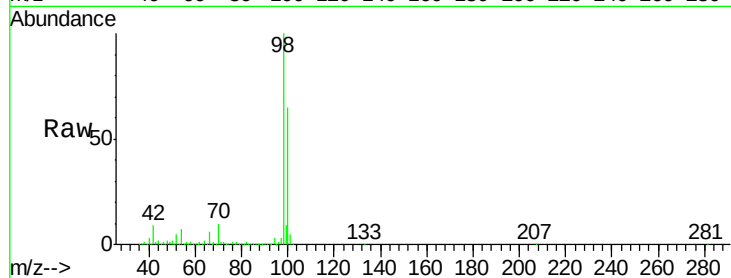
100 65.6 53.2 79.8

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#64

Chlorobenzene

Concen: 2.327 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018940.D

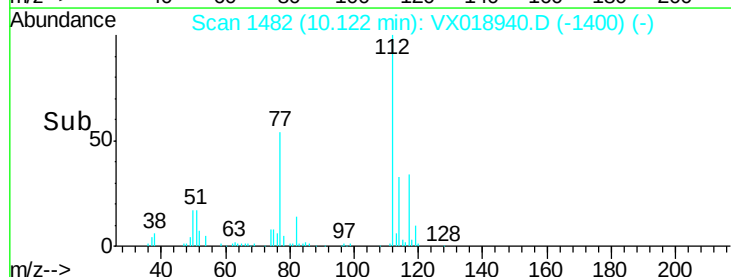
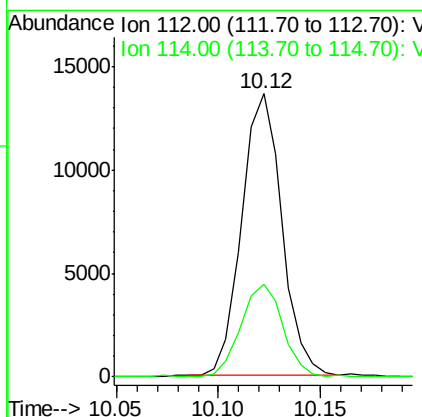
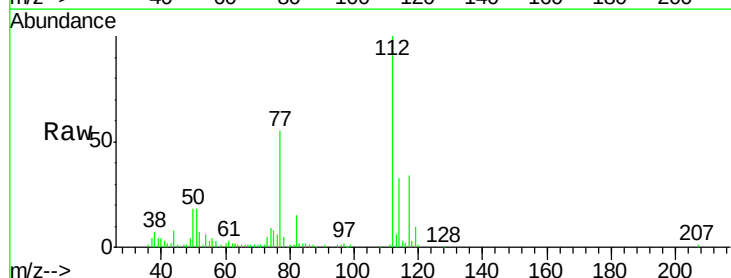
Acq: 15 Oct 2020 18:21

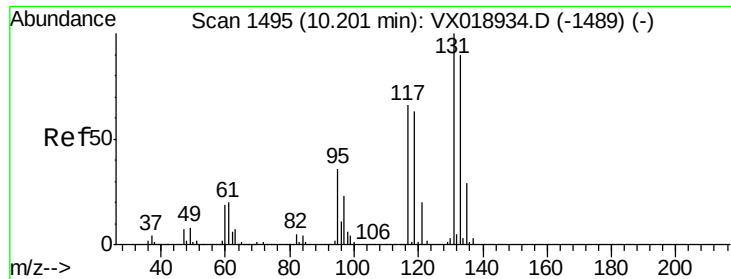
Tgt Ion: 112 Resp: 18583

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 2.387 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

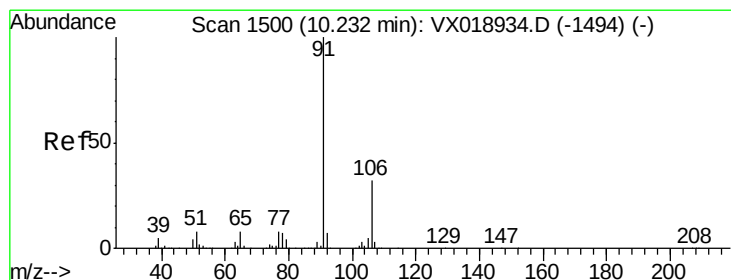
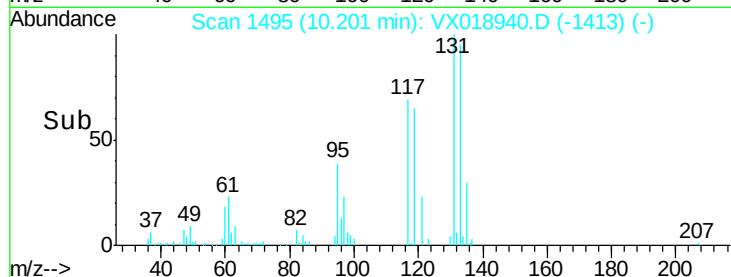
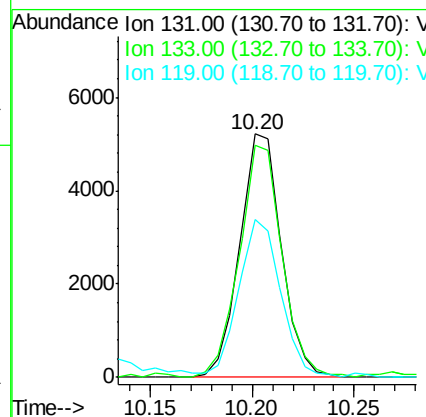
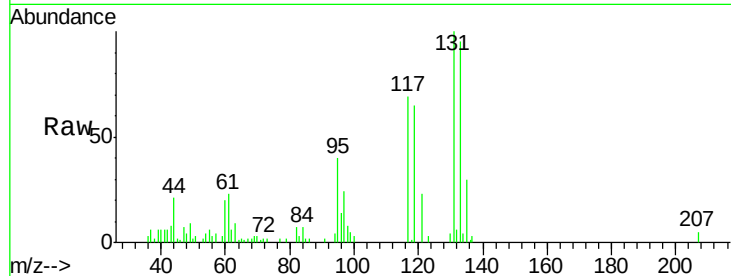
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	7401		
133	97.8	0.0	188.8	
119	65.4	0.0	127.2	

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#66

Ethyl Benzene

Concen: 2.341 ug/l

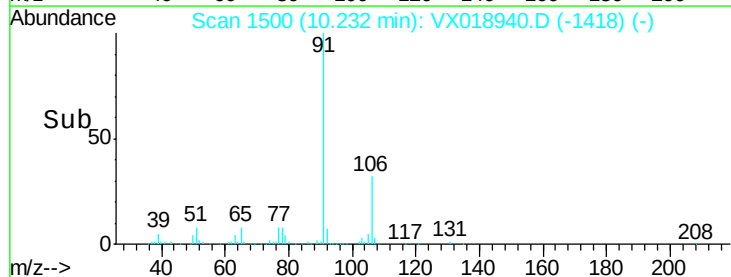
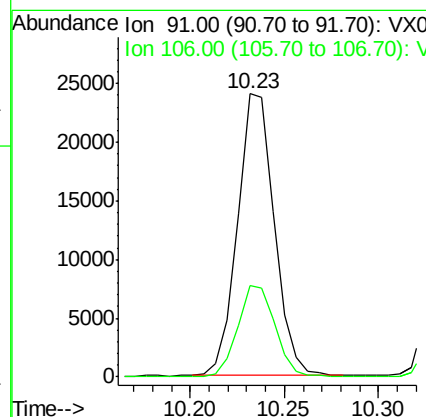
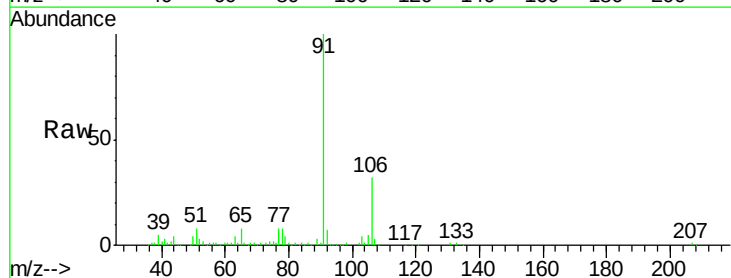
RT: 10.23 min Scan# 1500

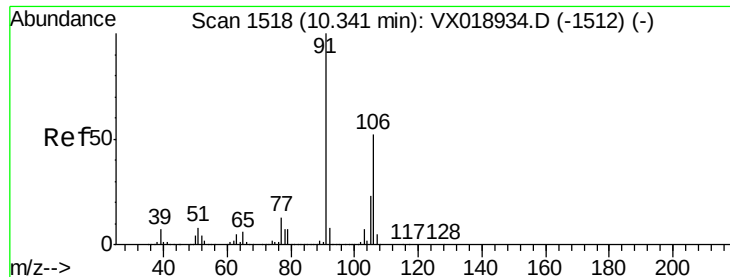
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	32575		
106	32.2	25.3	37.9	





#67

m/p-Xylenes

Concen: 4.538 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:106 Resp: 24740

Ion Ratio Lower Upper

106 100

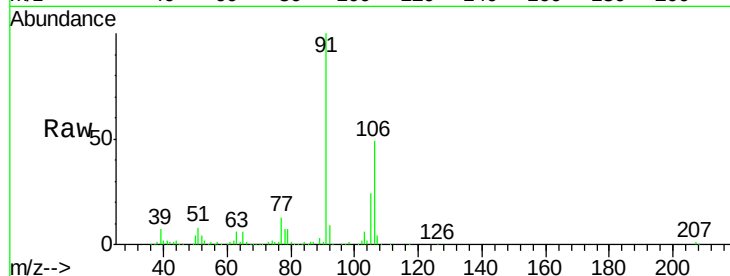
91 199.1 155.7 233.5

Manual Integrations

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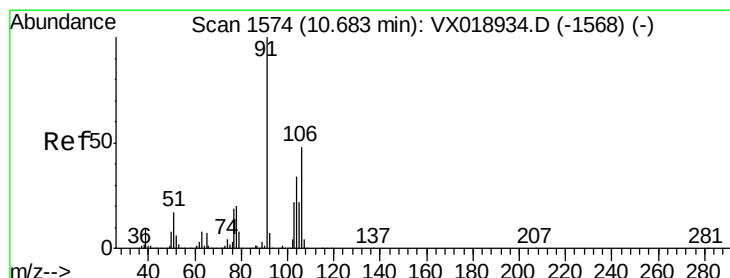
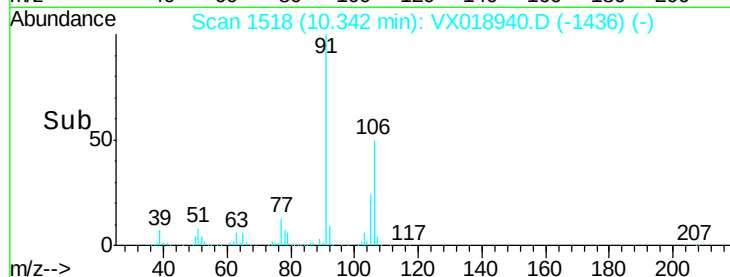
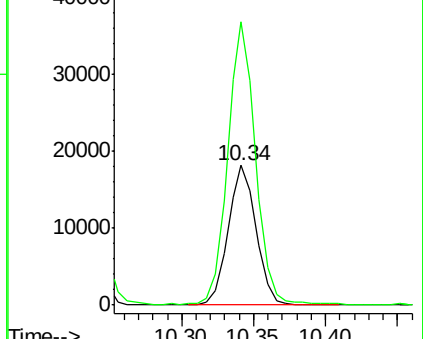
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.348 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018940.D

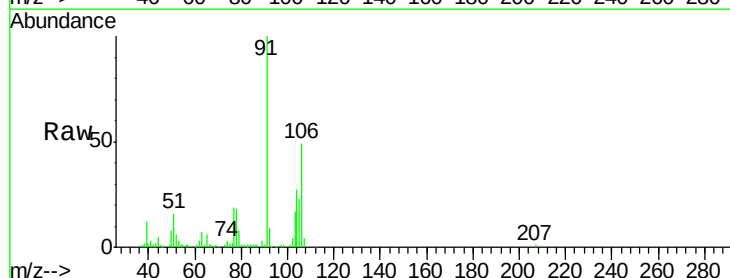
Acq: 15 Oct 2020 18:21

Tgt Ion:106 Resp: 12109

Ion Ratio Lower Upper

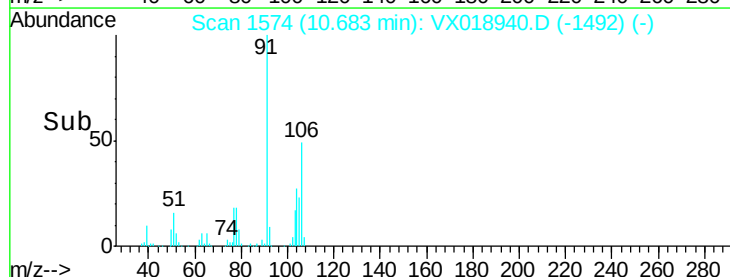
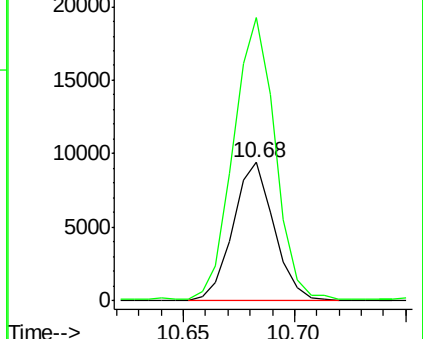
106 100

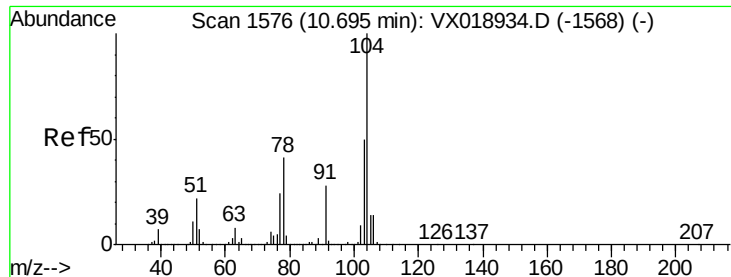
91 205.4 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





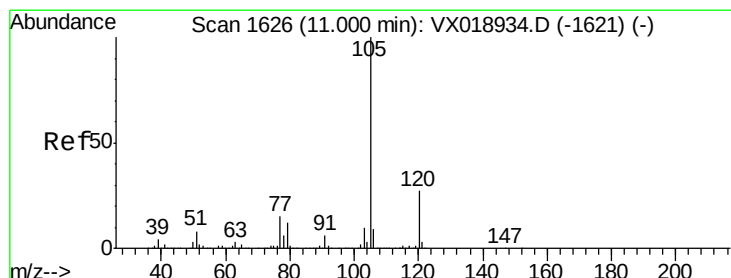
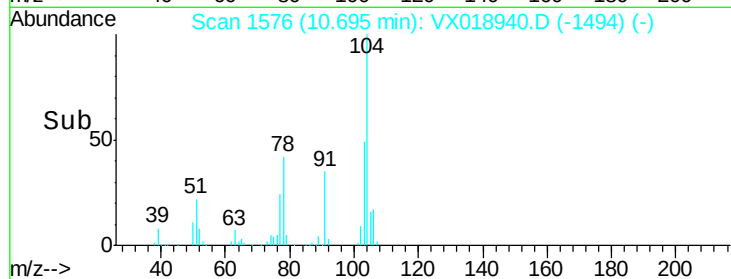
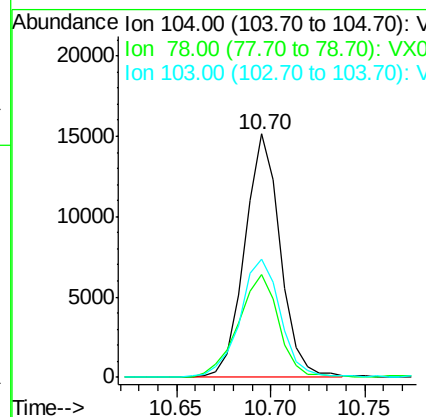
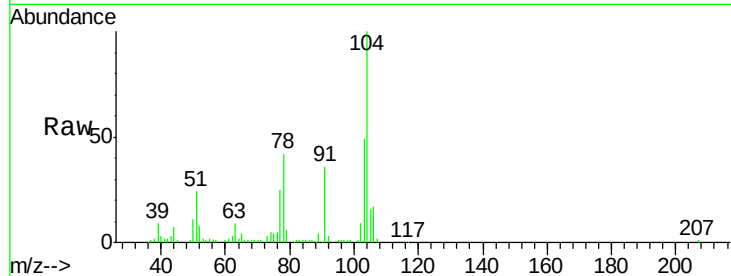
#69
Stvrene
Concen: 2.237 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Resp	Lower	Upper
104	100	19825		
78	48.4		37.8	56.6
103	55.4		44.1	66.1

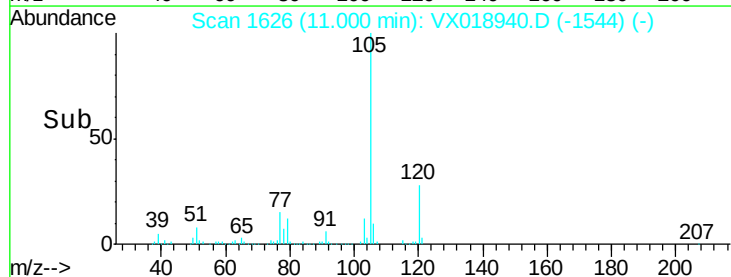
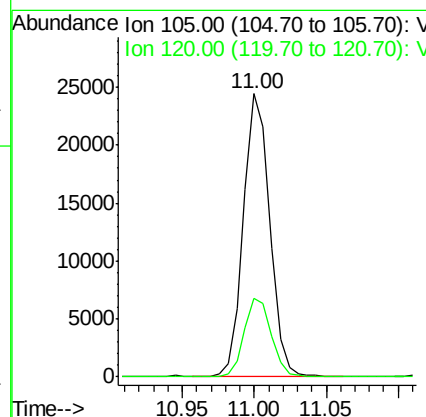
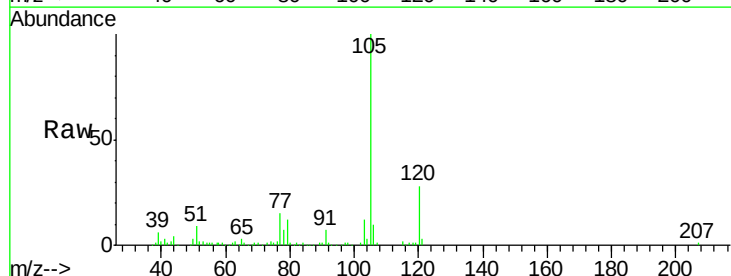
Manual Integrations
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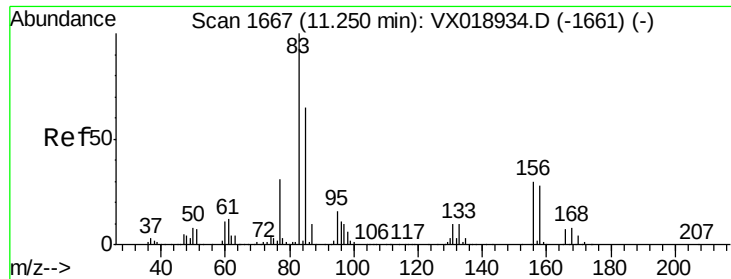
apatel
10/16/2020 2:11:39 PM



#70
Isopropylbenzene
Concen: 2.279 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	31216		
120	28.3		19.4	36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 2.374 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

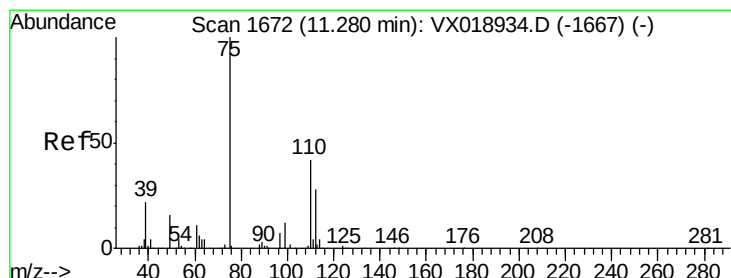
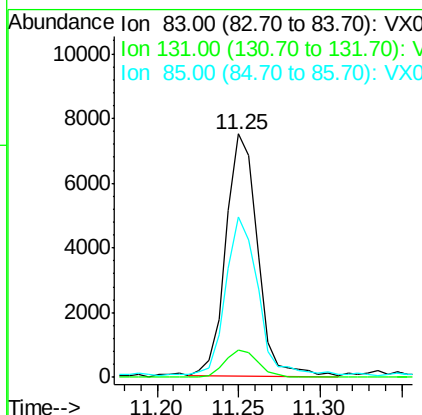
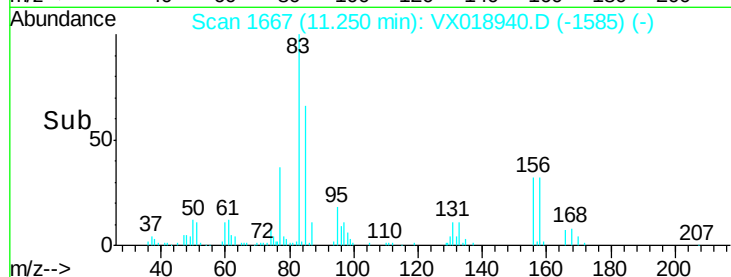
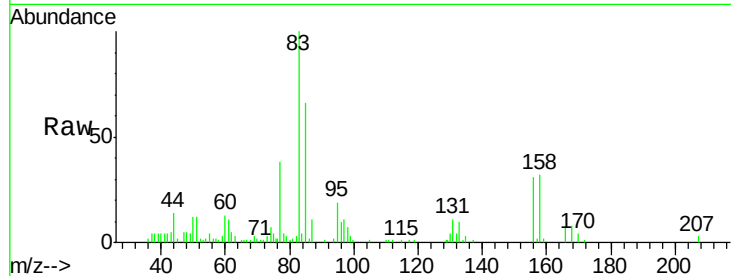
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	83	Resp:	10129
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.3	16.1
85	65.6	32.3	96.8

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 2.327 ug/l m

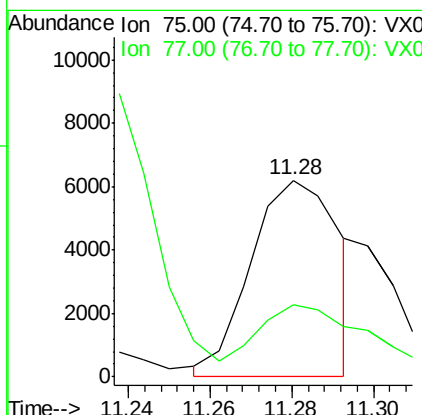
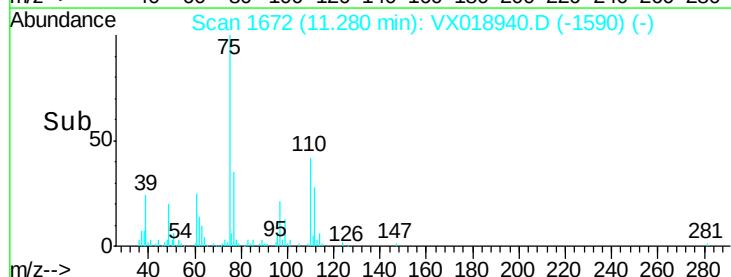
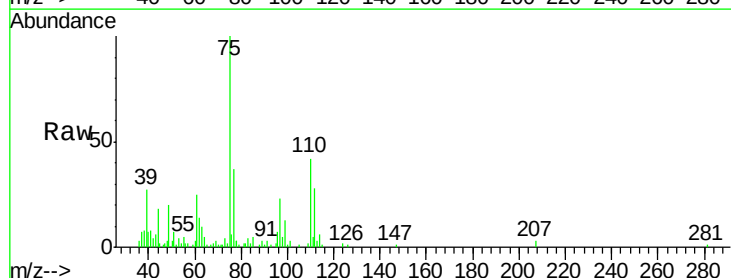
RT: 11.28 min Scan# 1672

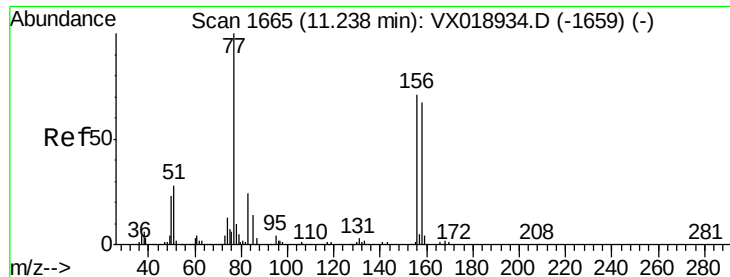
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	75	Resp:	9278
Ion Ratio	Lower	Upper	
75	100		
77	40.3	0.0	75.8





#73

Bromobenzene

Concen: 2.192 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

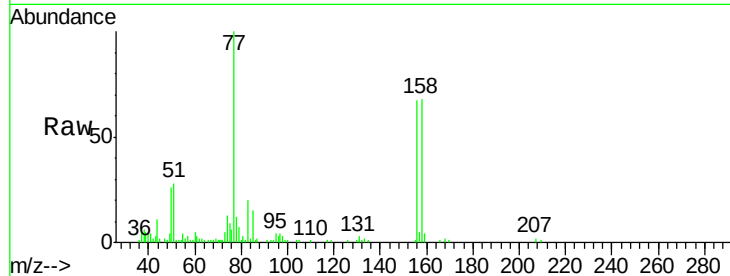
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

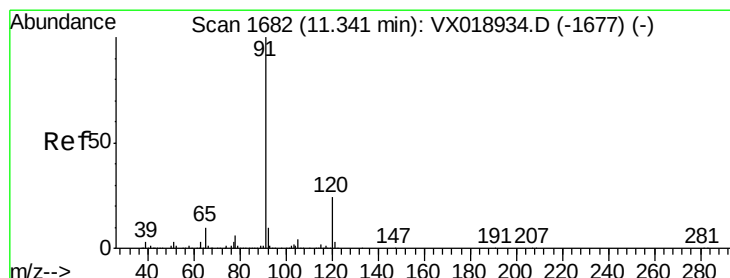
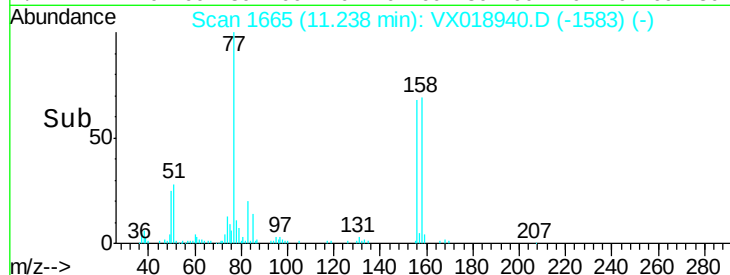
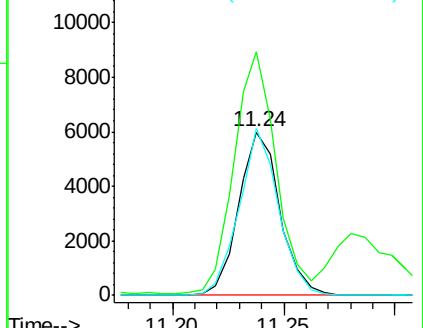
Tot Ion:	156	Resp:	7734
Ion Ratio	Lower	Upper	
156	100		
77	149.4	0.0	288.2
158	97.6	0.0	189.2

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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.207 ug/l

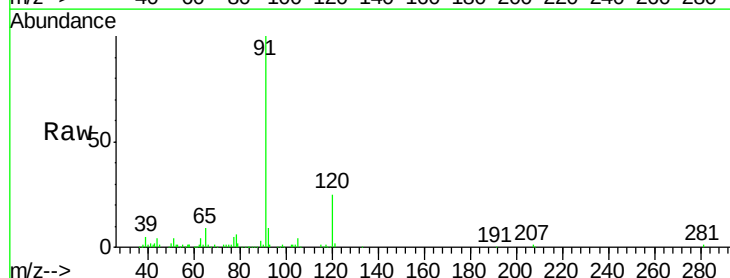
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

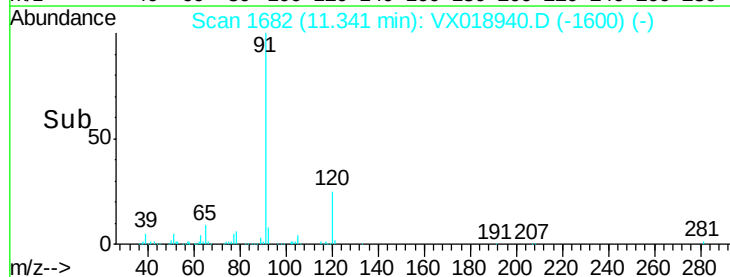
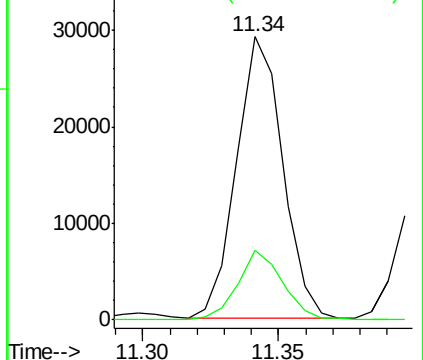
Lab File: VX018940.D

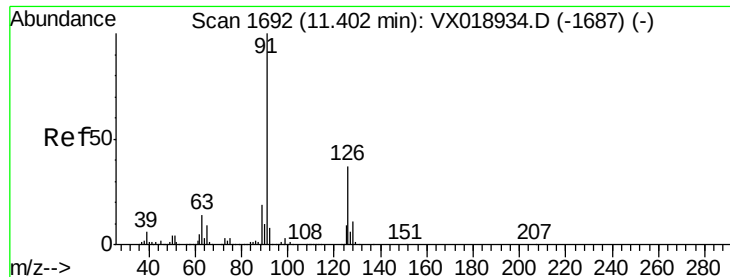
Acq: 15 Oct 2020 18:21

Tgt Ion:	91	Resp:	34442
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





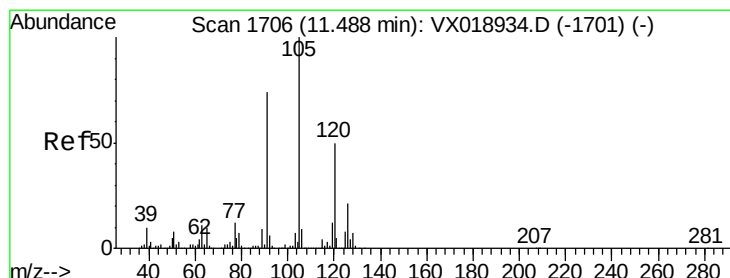
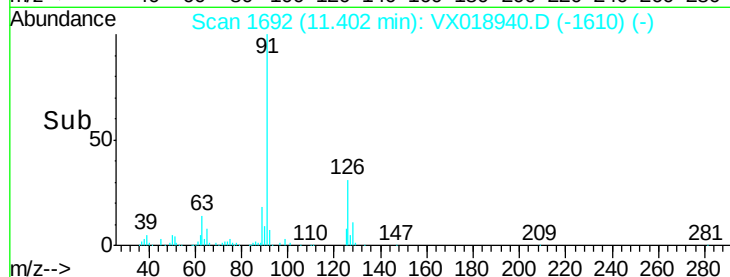
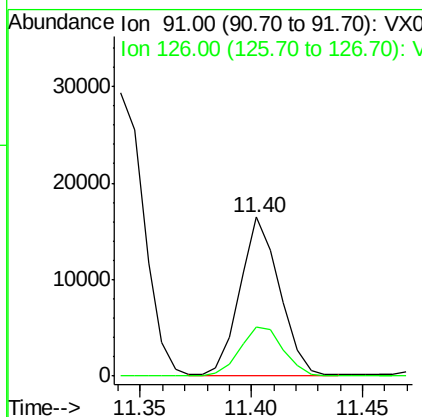
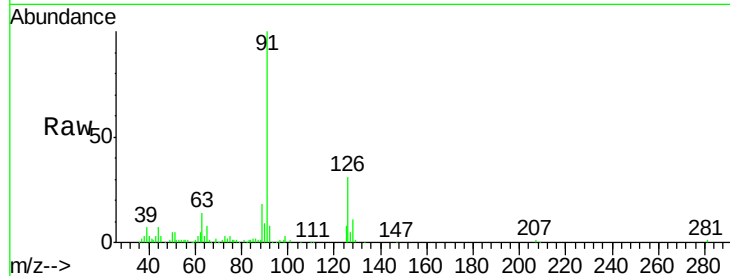
#75
 2-Chlorotoluene
 Concen: 2.266 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion: 91 Resp: 20439
 Ion Ratio Lower Upper
 91 100
 126 34.5 0.0 70.8

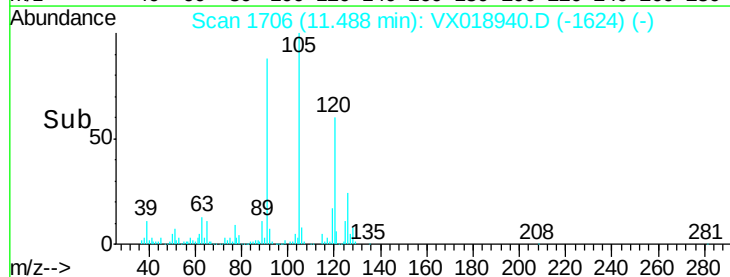
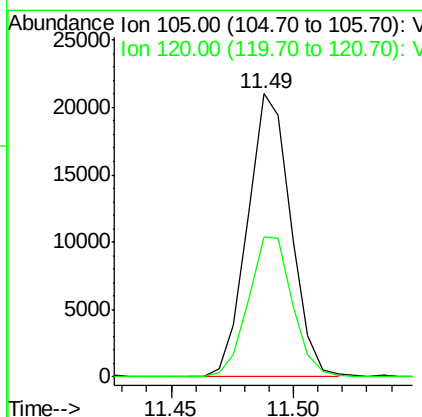
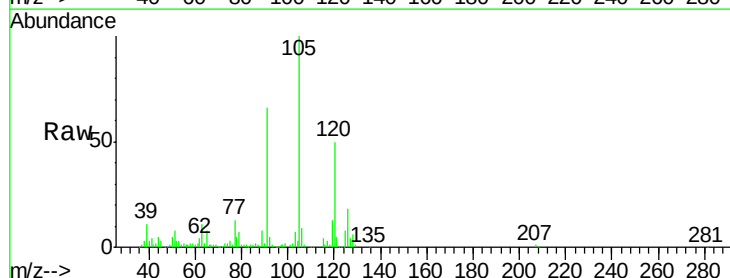
Manual Integrations
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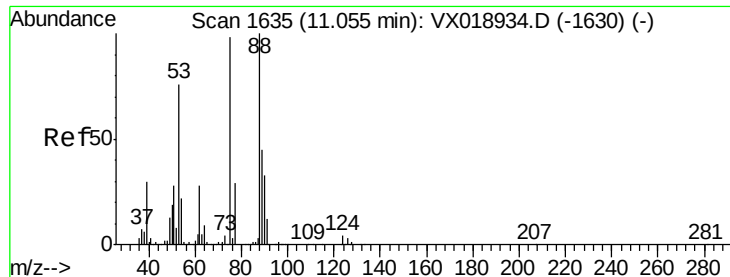
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#76
 1,3,5-Trimethylbenzene
 Concen: 2.261 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion: 105 Resp: 25938
 Ion Ratio Lower Upper
 105 100
 120 50.5 0.0 101.6





#77

t-1,4-Dichloro-2-butene

Concen: 2.223 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

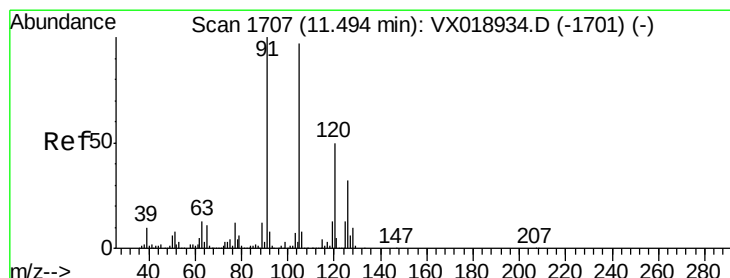
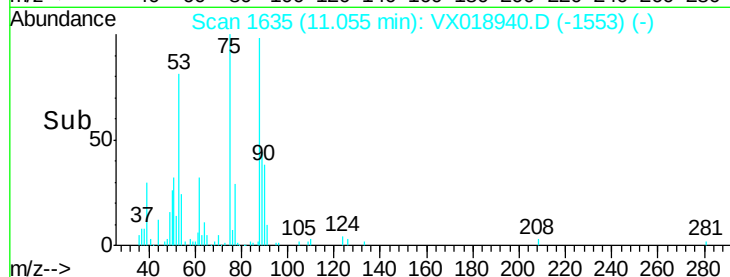
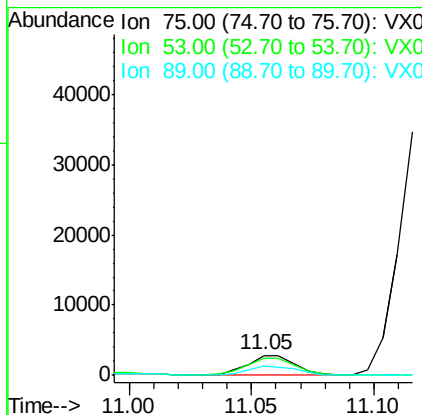
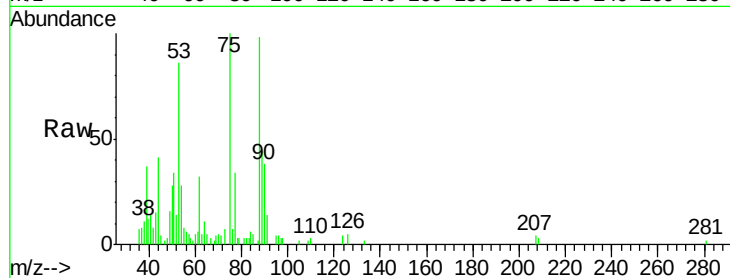
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	75	Resp:	3837
Ion Ratio	Lower	Upper	
75	100		
53	83.1	38.8	116.3
89	43.8	22.9	68.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 2.189 ug/l

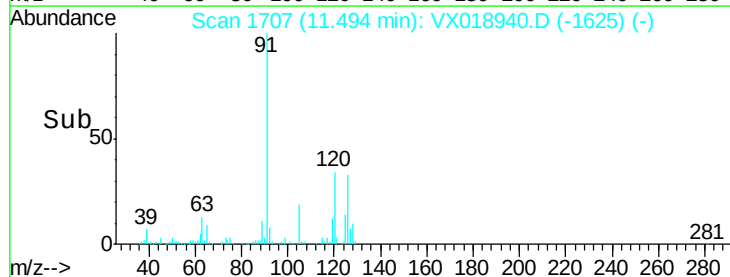
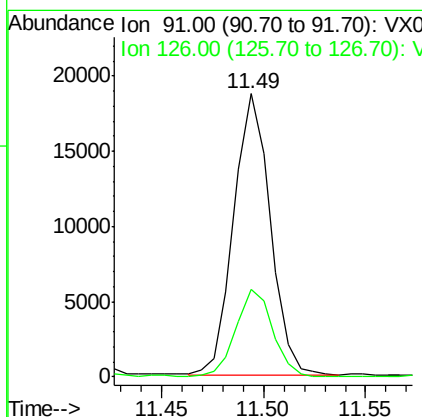
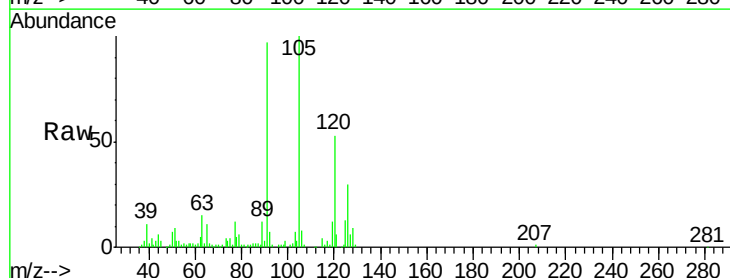
RT: 11.49 min Scan# 1707

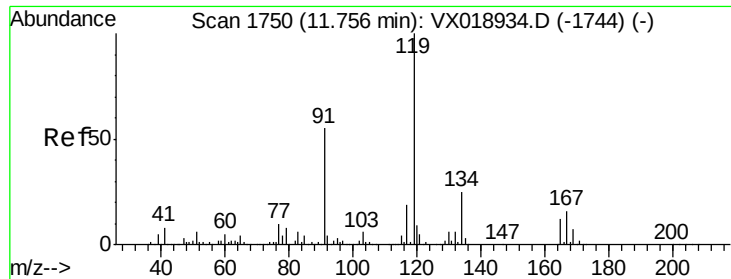
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	91	Resp:	23250
Ion Ratio	Lower	Upper	
91	100		
126	31.6	0.0	63.6





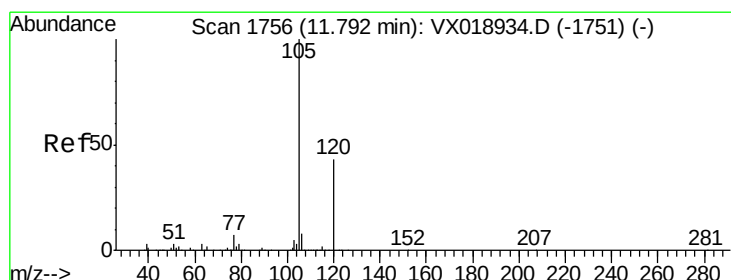
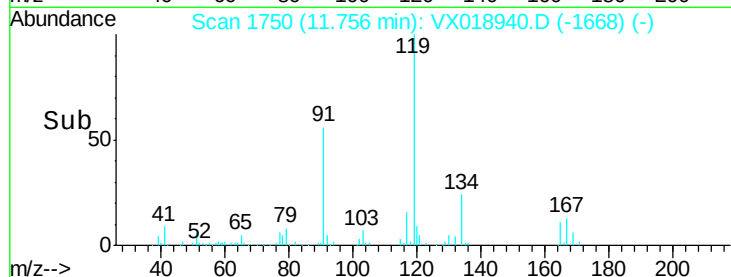
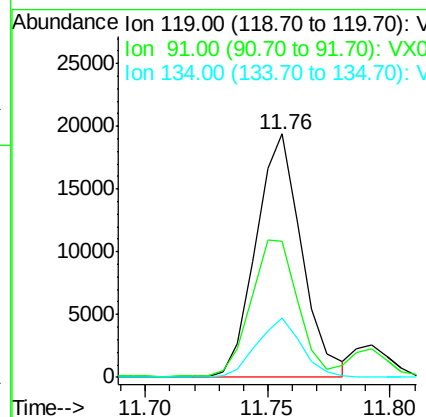
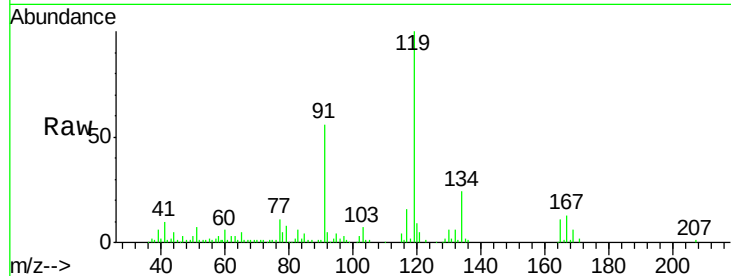
#79
tert-butylbenzene
Concen: 2.187 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	25415		
91	56.3		0.0	110.0
134	23.6		0.0	47.4

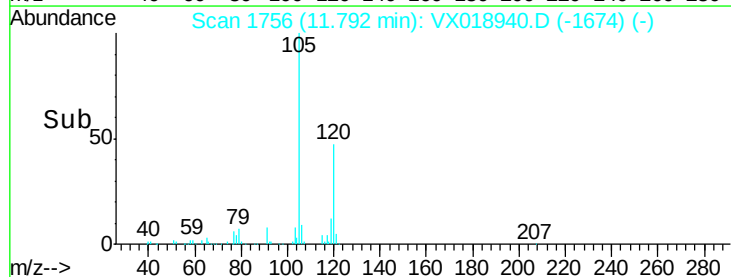
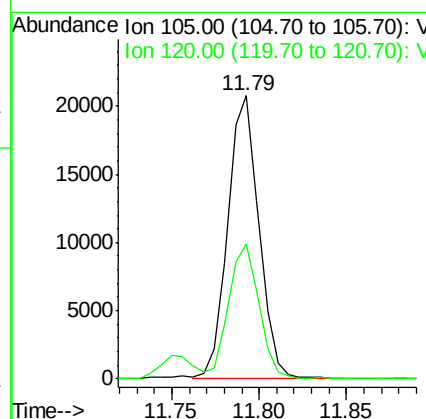
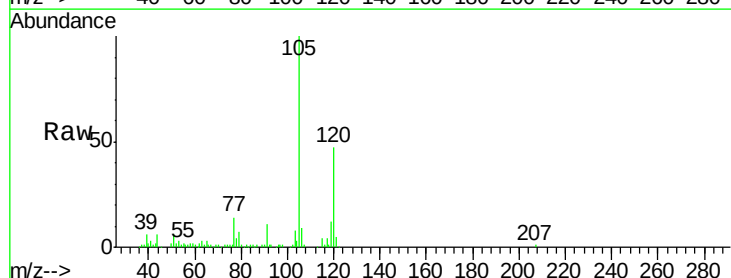
Manual Integrations
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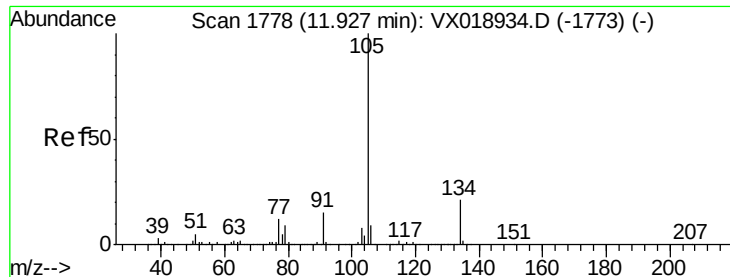
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#80
1,2,4-Trimethylbenzene
Concen: 2.250 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	25724		
120	46.5		0.0	93.0





#81

sec-Butylbenzene

Concen: 2.211 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 29467

Ion Ratio Lower Upper

105 100

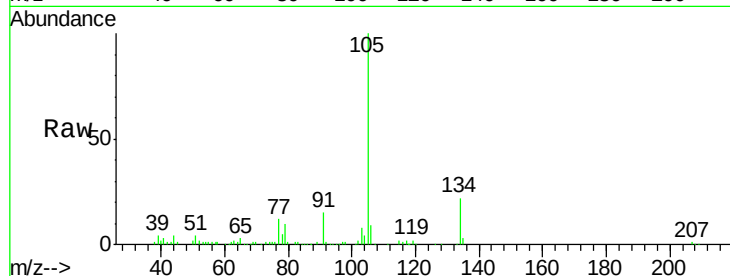
134 22.3 0.0 42.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

25000

20000

15000

10000

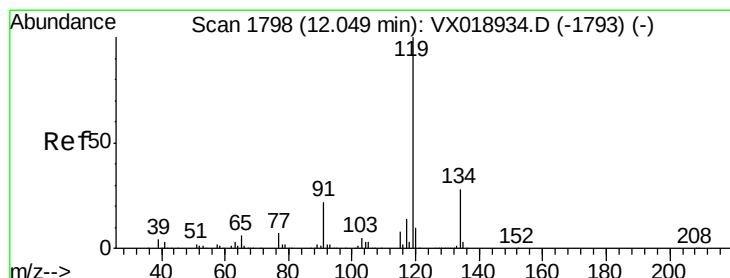
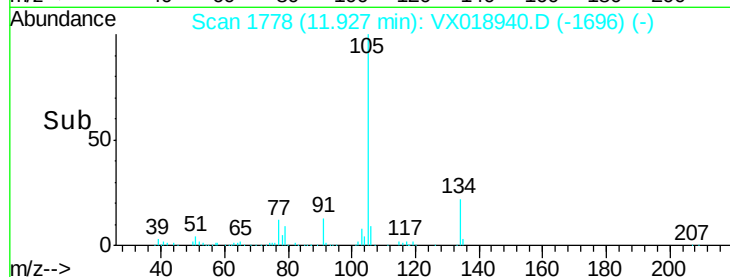
5000

0

11.90

11.95

Time-->



#82

p-Isopropyltoluene

Concen: 2.099 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

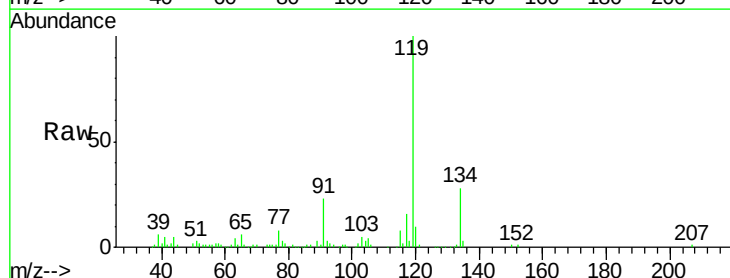
Tgt Ion:119 Resp: 26076

Ion Ratio Lower Upper

119 100

134 28.4 0.0 54.8

91 23.3 0.0 45.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

30000

25000

20000

15000

10000

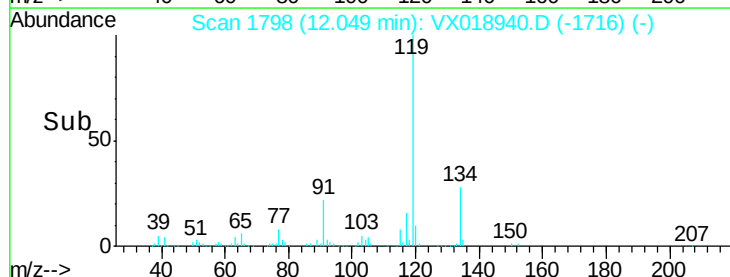
5000

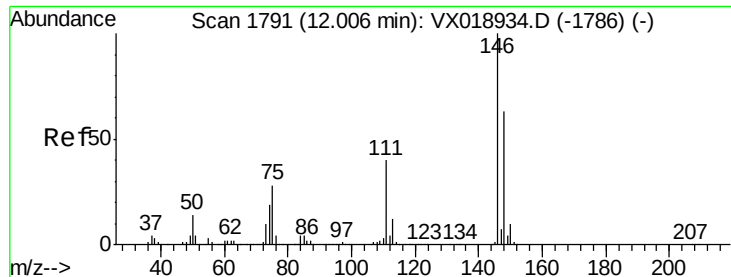
0

12.00

12.05

Time-->





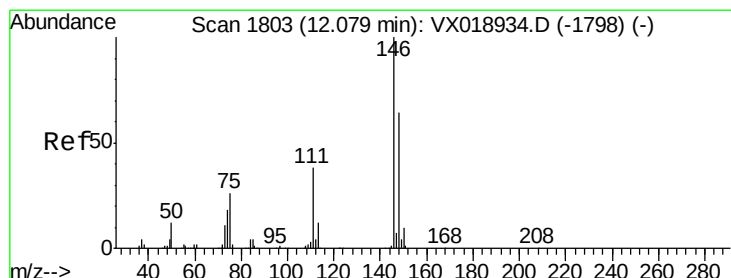
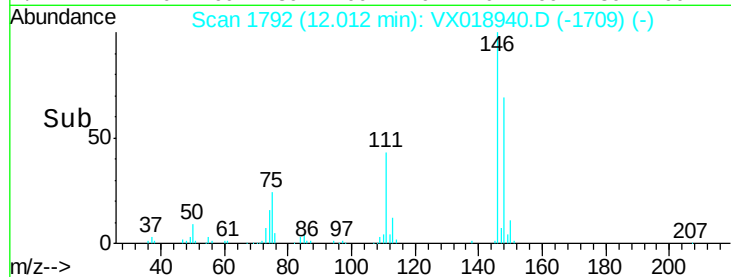
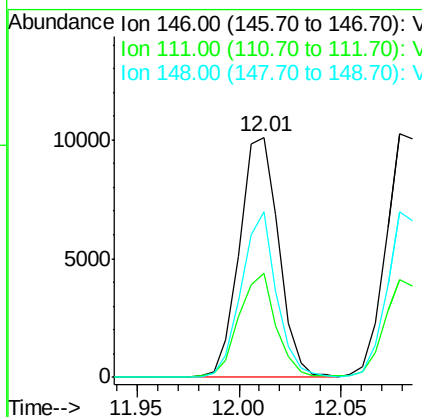
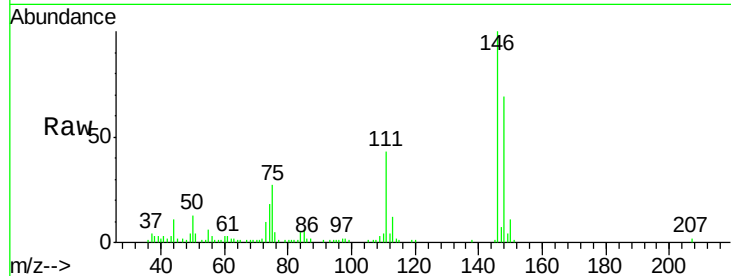
#83
1,3-Dichlorobenzene
Concen: 2.151 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.9	59.7
148	62.2	31.9	95.5

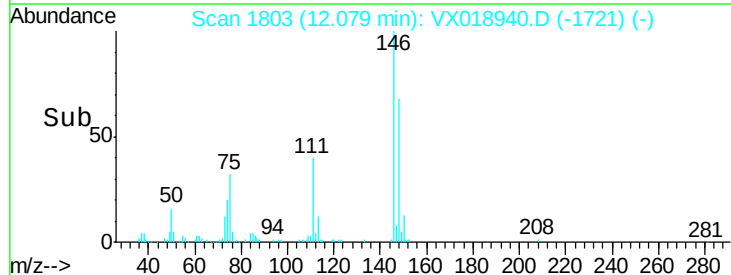
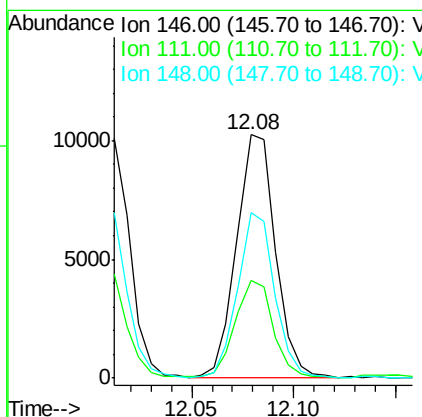
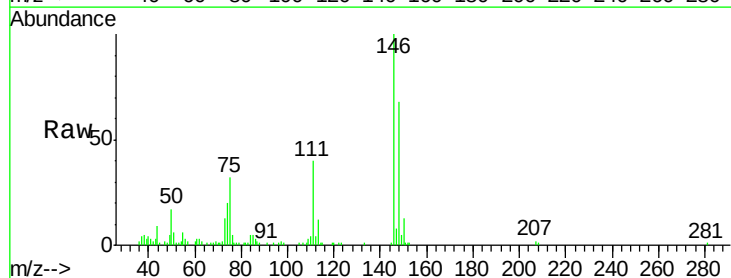
Manual Integrations
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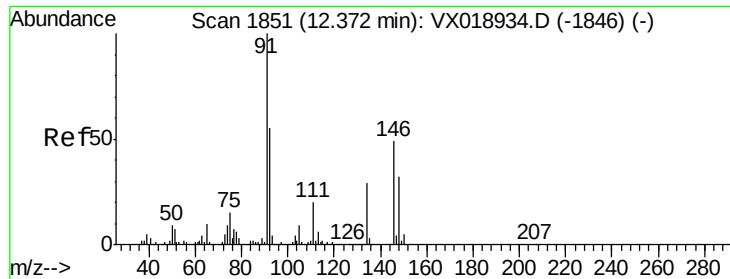
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#84
1,4-Dichlorobenzene
Concen: 2.159 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.6	55.6
148	64.6	32.1	96.5





#85

n-Butylbenzene

Concen: 2.058 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Instrument :

MSVOA_X

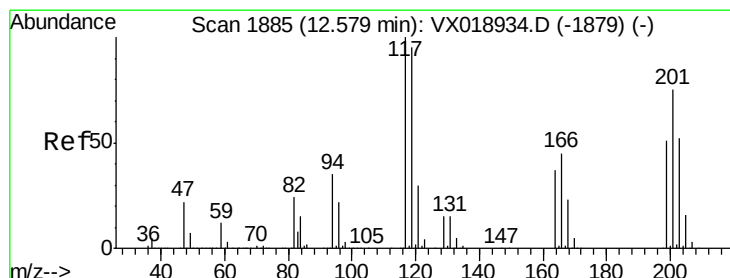
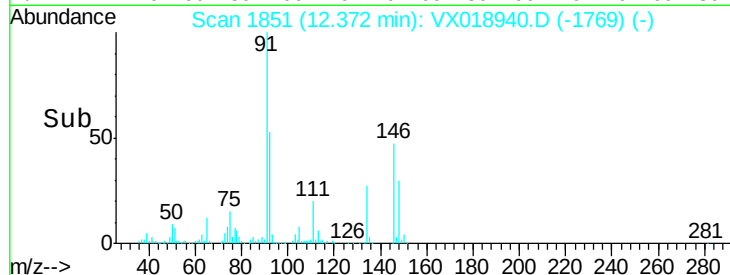
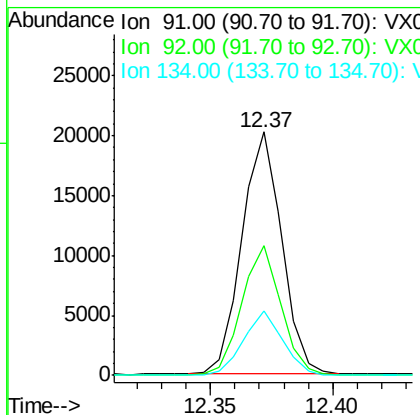
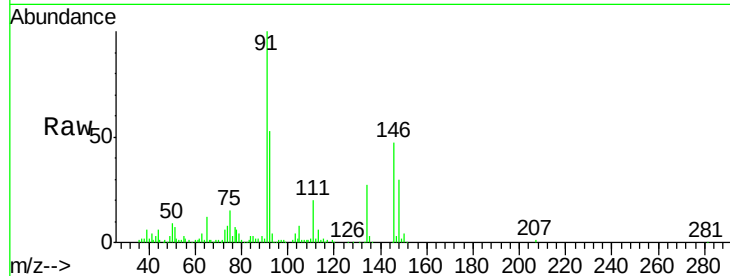
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	91	Resp:	22874
Ion	Ratio	Lower	Upper
91	100		
92	52.7	0.0	109.6
134	26.8	0.0	56.4

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#86

Hexachloroethane

Concen: 2.253 ug/l

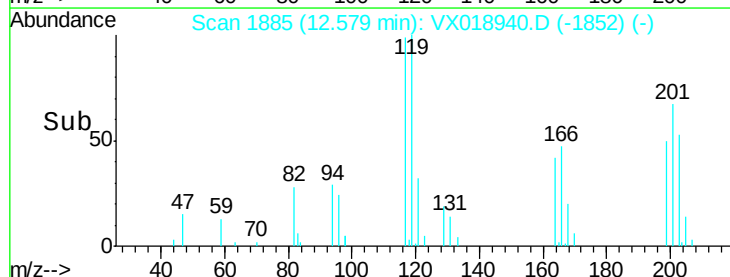
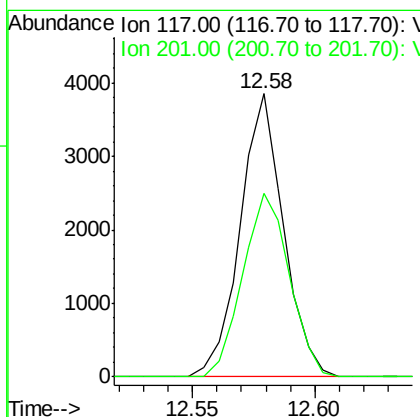
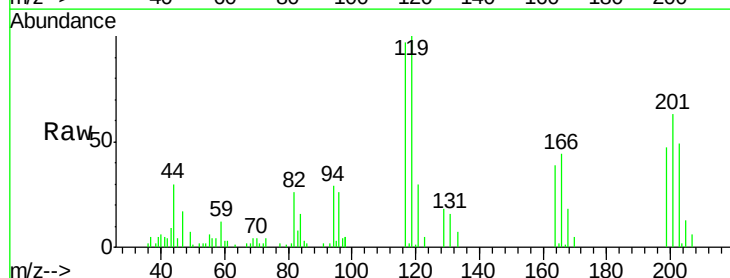
RT: 12.58 min Scan# 1885

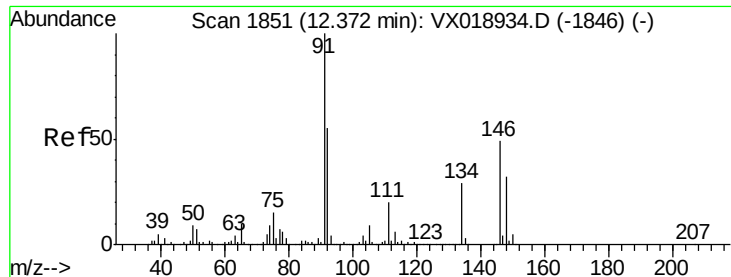
Delta R.T. 0.00 min

Lab File: VX018940.D

Acq: 15 Oct 2020 18:21

Tgt Ion:	117	Resp:	4747
Ion	Ratio	Lower	Upper
117	100		
201	69.7	38.9	116.6





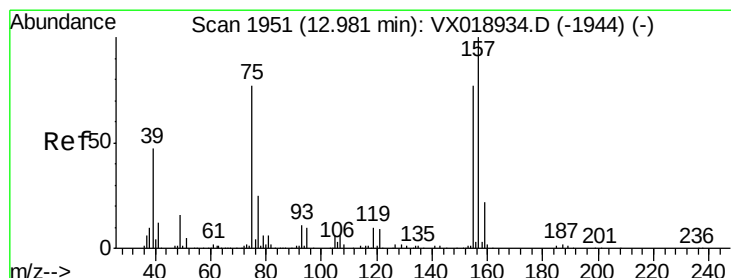
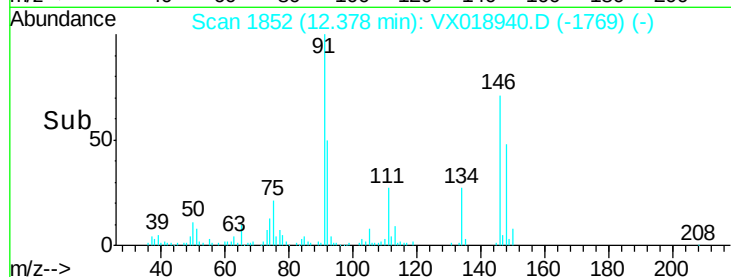
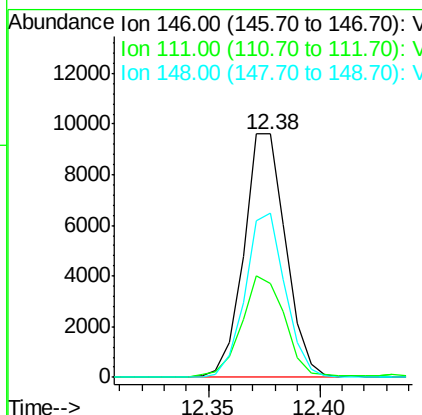
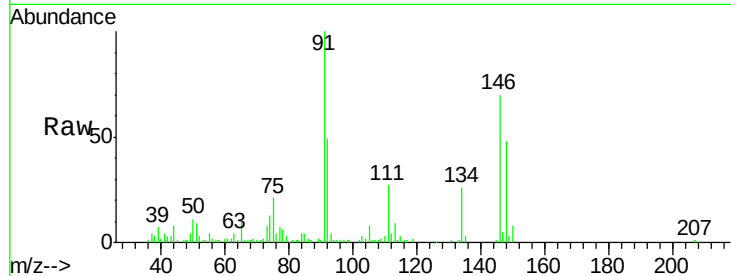
#87
 1,2-Dichlorobenzene
 Concen: 2.077 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.9	59.6
148	64.6	31.9	95.7

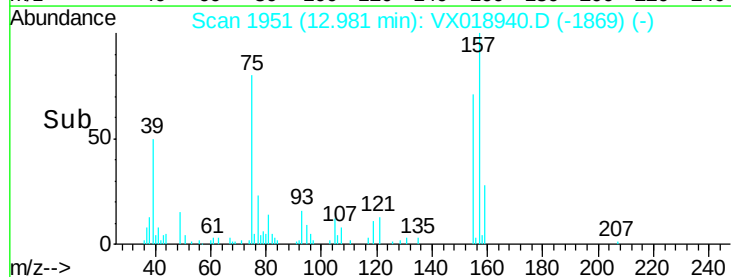
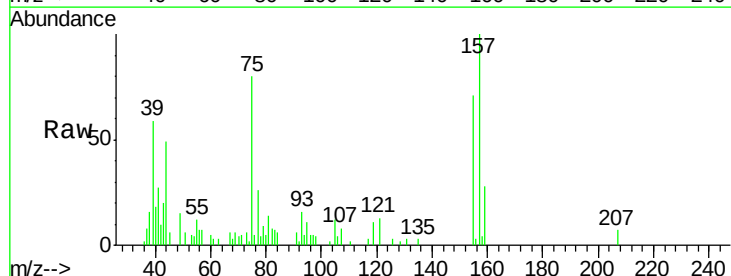
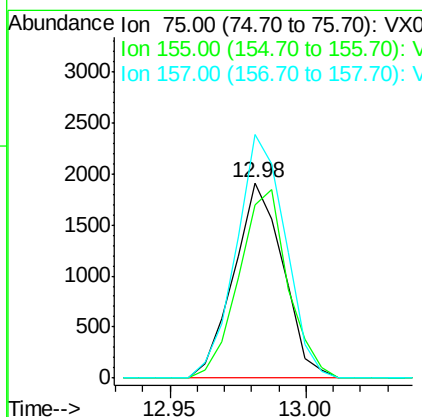
Manual Integrations
 APPROVED

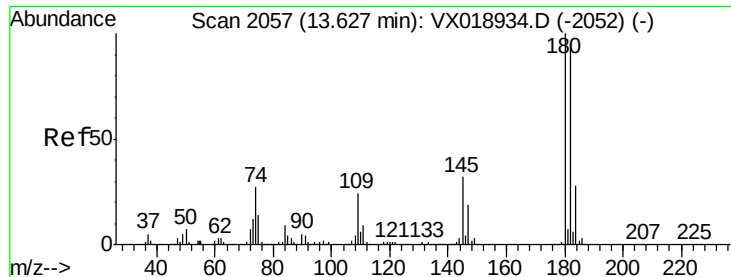
apatel
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.327 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018940.D
 Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	79.3	118.9
157	124.4	104.2	156.4





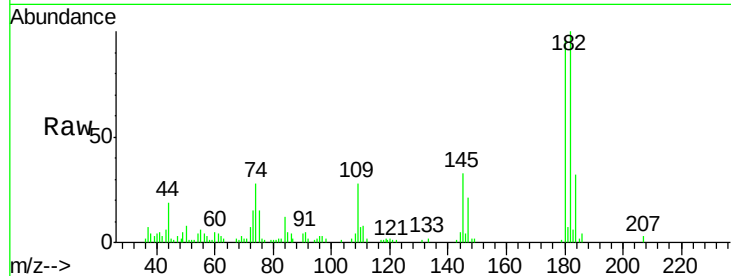
#89
1,2,4-Trichlorobenzene
Concen: 1.905 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

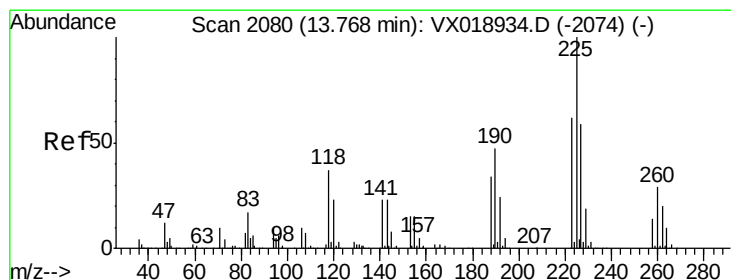
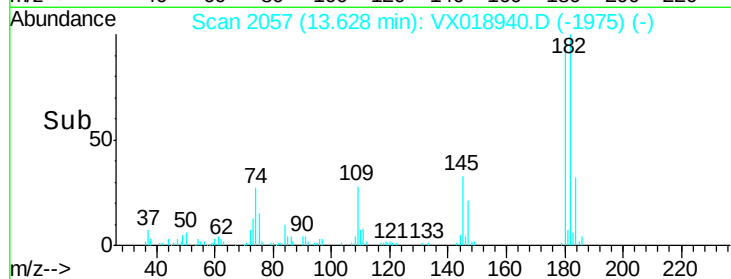
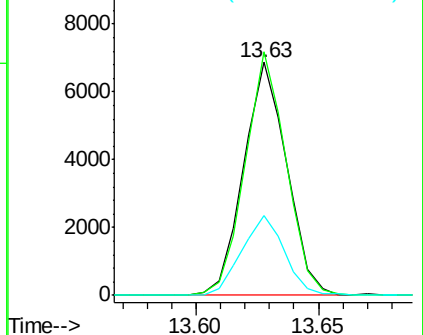
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.6	75.4	113.2
145	34.1	24.8	37.2

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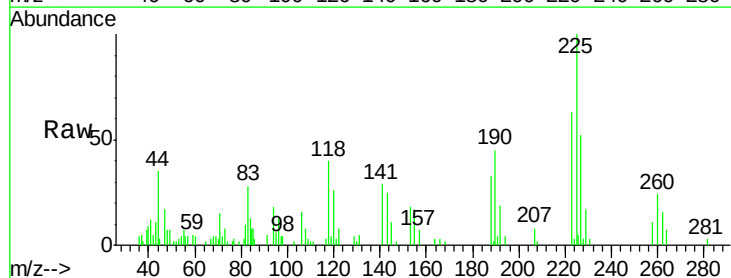


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

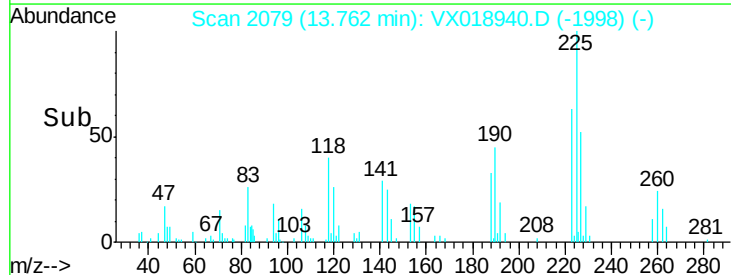
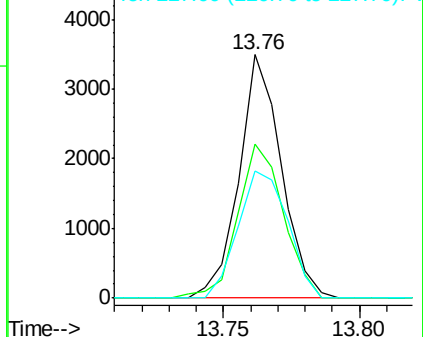


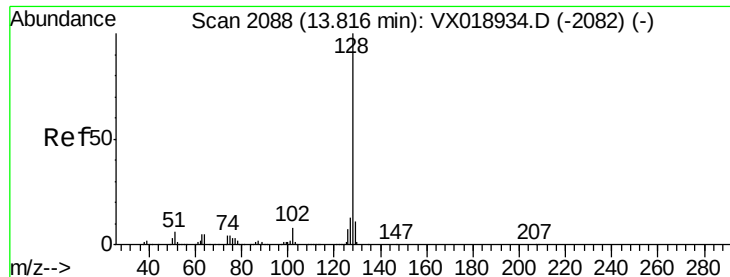
#90
Hexachlorobutadiene
Concen: 2.033 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.0	0.0	128.8
227	61.2	0.0	123.2



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





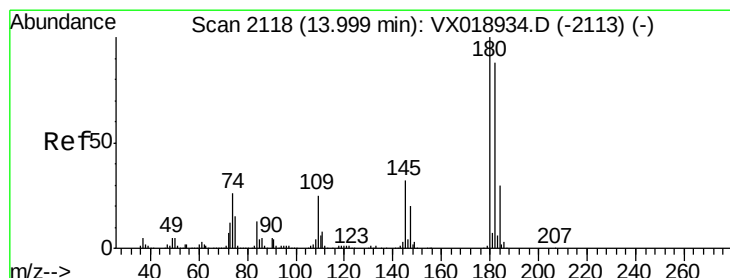
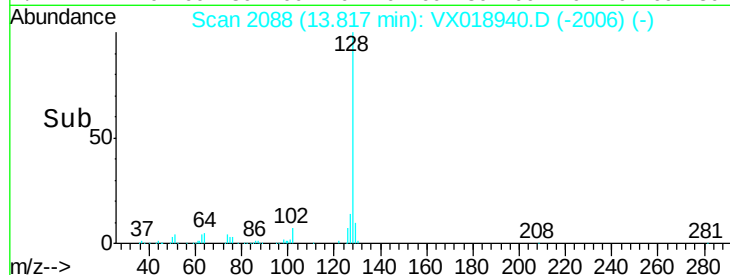
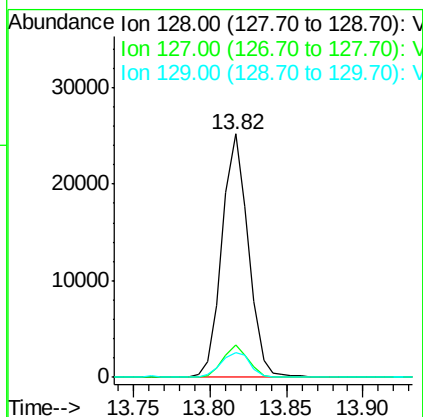
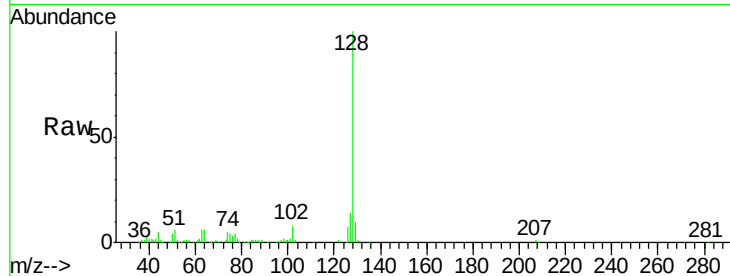
#91
Naphthalene
Concen: 2.079 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 2.001 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018940.D
Acq: 15 Oct 2020 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	0.0	190.8
145	31.6	0.0	64.4

