

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018941.D
 Acq On : 15 Oct 2020 18:44
 Operator : JC/SP
 Sample : L4214-08 5.0PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
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Quant Time: Oct 16 02:47:35 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	47874	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	273634	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	240901	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	96420	31.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.23%
60) 4-Bromofluorobenzene	11.12	95	109751	29.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.53%
63) Toluene-d8	8.70	98	324357	30.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	11291	4.975 ug/l	98
3) Chloromethane	1.32	50	13191	5.138 ug/l	100
4) Vinyl Chloride	1.39	62	16934	5.375 ug/l	98
5) Bromomethane	1.62	94	15845	8.493 ug/l	94
6) Chloroethane	1.71	64	11247	5.176 ug/l	97
7) Trichlorofluoromethane	1.92	101	26362	5.315 ug/l	96
8) Diethyl Ether	2.17	74	10643	5.452 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	14052	5.096 ug/l	99
10) 1,1-Dichloroethene	2.35	96	15075	5.260 ug/l	97
11) Methyl Iodide	2.49	142	12793	3.759 ug/l	99
12) Methyl Acetate	2.75	43	14804	5.267 ug/l	99
13) Acrolein	2.27	56	14758	27.461 ug/l	95
14) Acrylonitrile	3.12	53	34899	26.691 ug/l	98
15) Acetone	2.42	58	10606	24.099 ug/l	93
16) Carbon Disulfide	2.55	76	36860	5.244 ug/l	99
17) Allyl chloride	2.71	41	19667	5.288 ug/l	96
18) Methylene Chloride	2.84	84	16166	5.597 ug/l	95
19) trans-1,2-Dichloroethene	3.14	96	15046	5.213 ug/l	95
20) Diisopropyl ether	3.83	45	36060	5.225 ug/l #	84
21) 1,1-Dichloroethane	3.67	63	24770	5.251 ug/l	97
22) cis-1,2-Dichloroethene	4.56	96	17466	5.344 ug/l	95
23) tert-Butyl Alcohol	3.01	59	21129	29.025 ug/l	100
24) Methyl tert-Butyl Ether	3.17	73	41899	5.294 ug/l	96
25) Chloroform	5.18	83	26770	5.346 ug/l	94
26) Cyclohexane	5.55	56	19411	5.112 ug/l #	97
29) 1,1-Dichloropropene	5.77	75	19882	5.011 ug/l	99
30) 2-Butanone	4.64	43	51742	26.172 ug/l	99
31) 2,2-Dichloropropane	4.55	77	23759m	5.084 ug/l	
32) 1,1,1-Trichloroethane	5.46	97	24355	5.058 ug/l #	90
33) Carbon Tetrachloride	5.76	117	22285	5.050 ug/l	96
34) Benzene	6.11	78	59783	5.085 ug/l	100
35) Methacrylonitrile	5.00	41	10103	4.938 ug/l	98
36) 1,2-Dichloroethane	6.16	62	19815	5.127 ug/l	100
37) Trichloroethene	7.19	130	16490	4.779 ug/l	93
38) Methylcyclohexane	7.44	83	21812	4.822 ug/l	99
39) 1,2-Dichloropropane	7.49	63	14782	5.140 ug/l	98
40) Dibromomethane	7.64	93	10753	5.091 ug/l	97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	21586	5.020	ug/l	99
42) Vinyl Acetate	3.79	43	176060	24.863	ug/l	100
43) Ethyl Acetate	4.79	43	18978	4.638	ug/l	98
44) Isopropyl Acetate	6.42	43	33788	5.142	ug/l #	100
45) 1,4-Dioxane	7.72	88	7058	100.651	ug/l	96
46) Methyl methacrylate	7.75	41	15588	5.103	ug/l	100
47) n-amyl Acetate	10.88	43	27405	4.993	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	24557	5.002	ug/l	94
49) cis-1,3-Dichloropropene	8.41	75	26172	5.013	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	15506	5.116	ug/l	96
51) Ethyl methacrylate	9.16	69	23983	5.027	ug/l	96
52) 1,3-Dichloropropane	9.35	76	25794	5.157	ug/l	97
53) Dibromochloromethane	9.57	129	17767	4.928	ug/l	100
54) 1,2-Dibromoethane	9.65	107	17318	5.198	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	63488	25.228	ug/l	98
56) Bromoform	10.84	173	13171	4.732	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	100837	26.231	ug/l	99
59) 2-Hexanone	9.47	43	76573	26.015	ug/l	100
61) Tetrachloroethene	9.32	164	14269	4.817	ug/l	92
62) Toluene	8.76	91	66245	5.132	ug/l	100
64) Chlorobenzene	10.12	112	41908	5.104	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	16228	5.092	ug/l	97
66) Ethyl Benzene	10.24	91	72298	5.054	ug/l	98
67) m/p-Xylenes	10.34	106	55592	9.919	ug/l	98
68) o-Xylene	10.68	106	26661	5.030	ug/l	99
69) Styrene	10.69	104	43583	4.783	ug/l	98
70) Isopropylbenzene	11.00	105	71022	5.043	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	21542	4.911	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	20420m	4.982	ug/l	
73) Bromobenzene	11.24	156	17366	4.789	ug/l	95
74) n-propylbenzene	11.34	91	77637	4.840	ug/l	99
75) 2-Chlorotoluene	11.40	91	45249	4.880	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	57139	4.845	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	8492	4.786	ug/l	93
78) 4-Chlorotoluene	11.49	91	51493	4.716	ug/l	100
79) tert-butylbenzene	11.76	119	58291	4.880	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	56548	4.812	ug/l	100
81) sec-Butylbenzene	11.93	105	65950	4.815	ug/l	98
82) p-Isopropyltoluene	12.05	119	60262	4.719	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	30597	4.743	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	30355	4.668	ug/l	99
85) n-Butylbenzene	12.37	91	50417	4.412	ug/l	99
86) Hexachloroethane	12.58	117	10704	4.941	ug/l	94
87) 1,2-Dichlorobenzene	12.37	146	29341	4.698	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	5397	5.082	ug/l	92
89) 1,2,4-Trichlorobenzene	13.63	180	18940	4.153	ug/l	99
90) Hexachlorobutadiene	13.77	225	8124	4.265	ug/l	98
91) Naphthalene	13.82	128	66933	4.501	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	19191	4.316	ug/l	99

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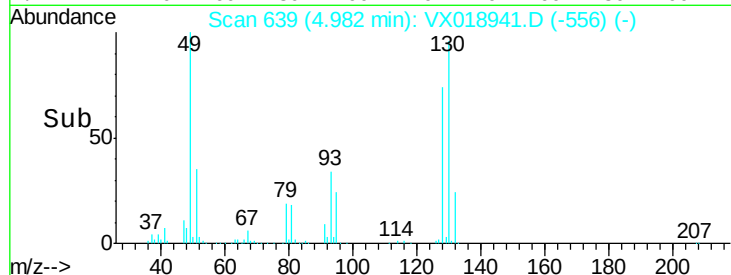
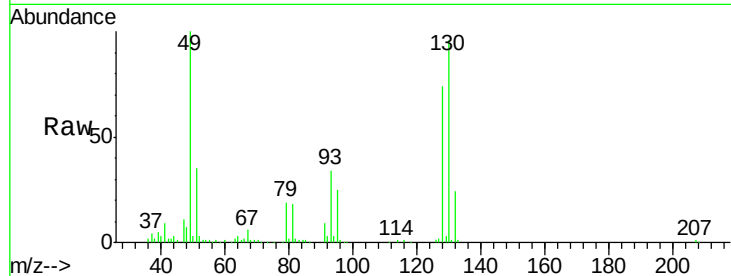
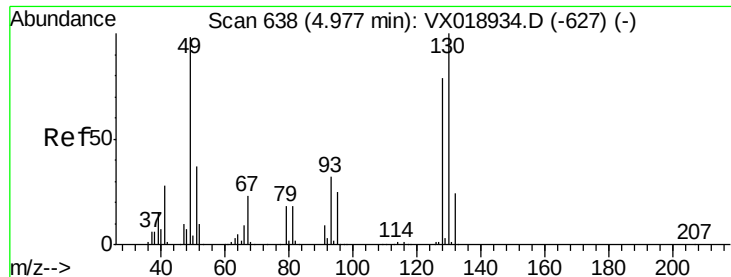
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018941.D

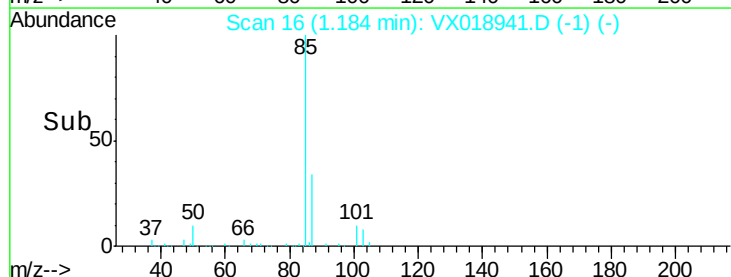
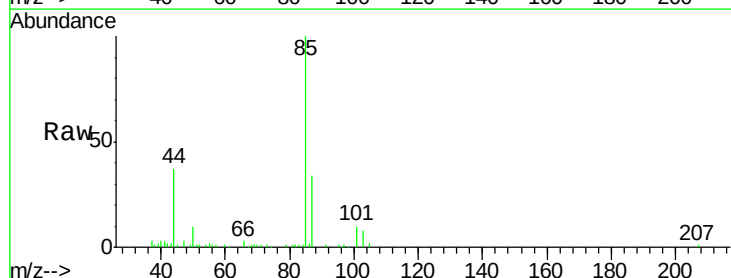
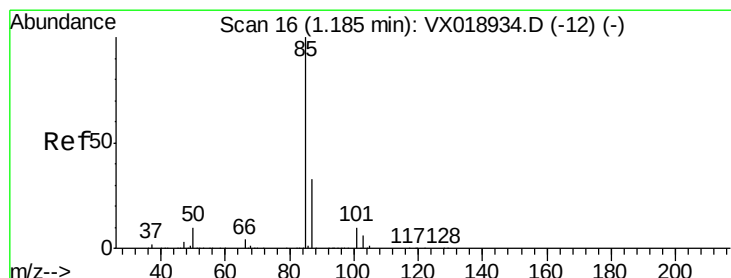
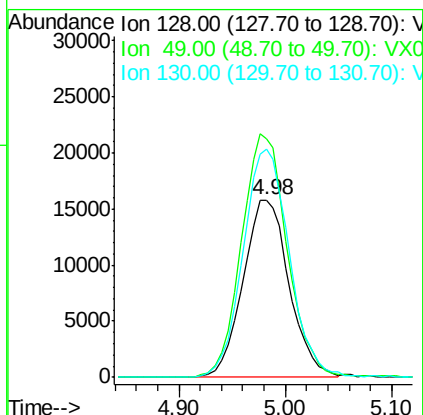
Acq: 15 Oct 2020 18:44

Tot Ion:	128	Resp:	47874
Ion	Ratio	Lower	Upper
128	100		
49	136.0	0.0	330.5
130	128.7	0.0	323.8

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

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#2

Dichlorodifluoromethane

Concen: 4.975 ug/l

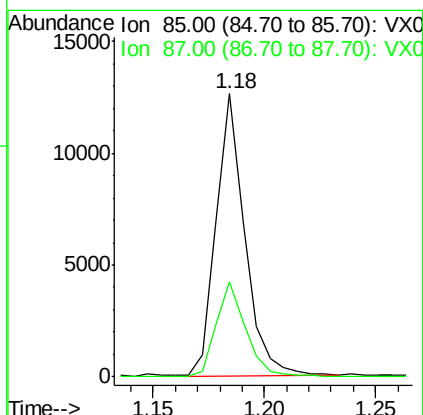
RT: 1.18 min Scan# 16

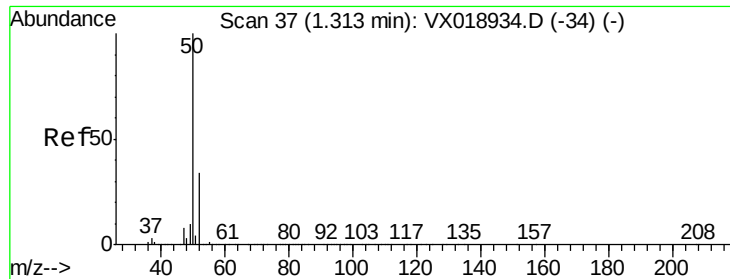
Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	85	Resp:	11291
Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.3	48.8





#3

Chloromethane

Concen: 5.138 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 50 Resp: 13191

Ion Ratio Lower Upper

50 100

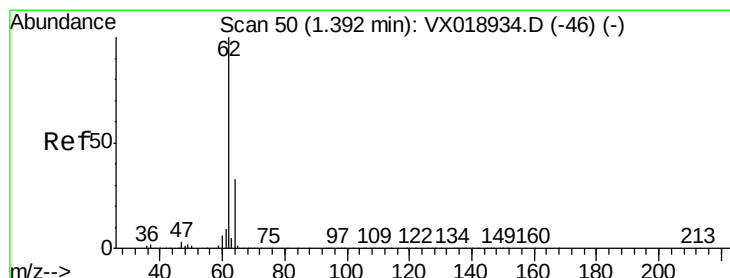
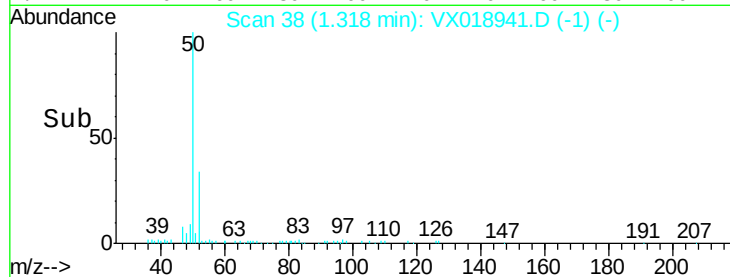
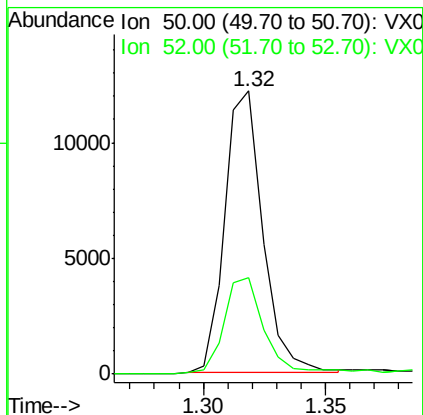
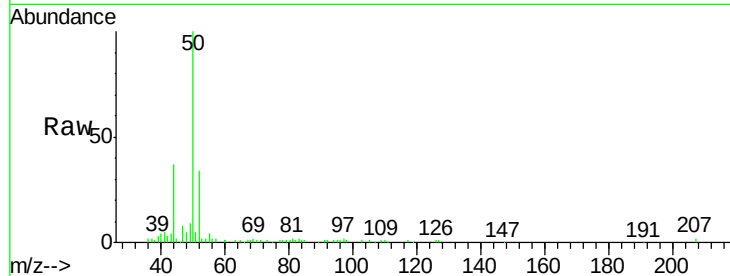
52 33.6 27.0 40.4

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#4

Vinyl Chloride

Concen: 5.375 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018941.D

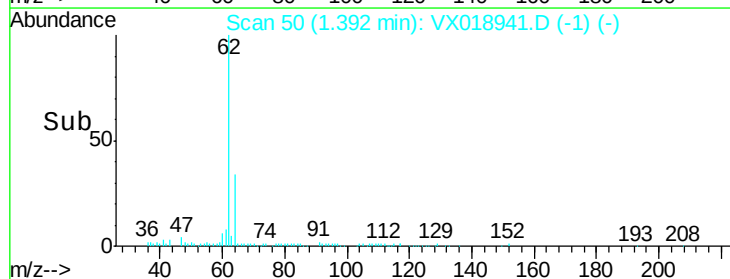
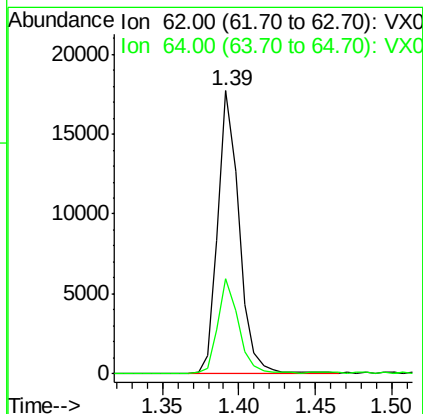
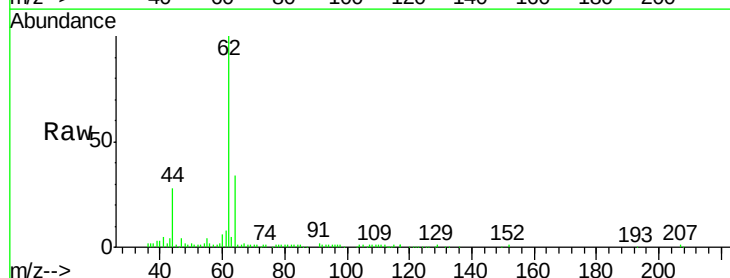
Acq: 15 Oct 2020 18:44

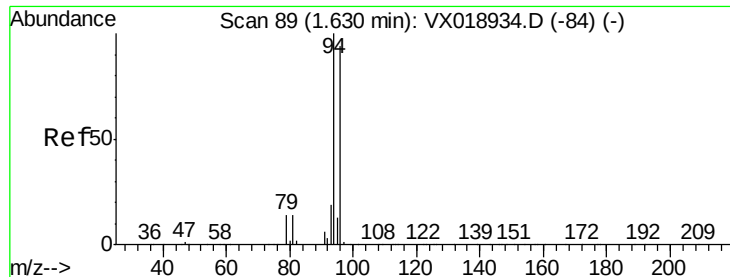
Tgt Ion: 62 Resp: 16934

Ion Ratio Lower Upper

62 100

64 33.5 26.1 39.1





#5

Bromomethane

Concen: 8.493 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 94 Resp: 15845

Ion Ratio Lower Upper

94 100

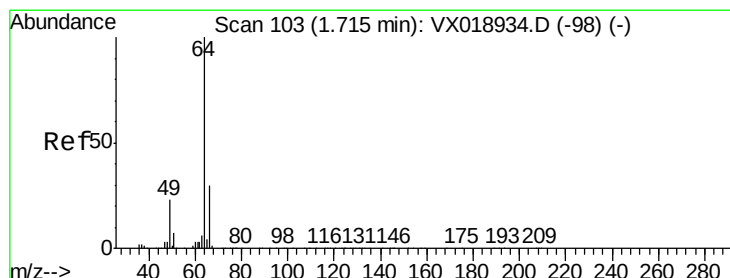
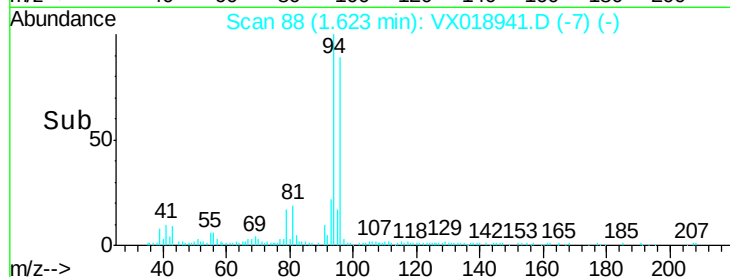
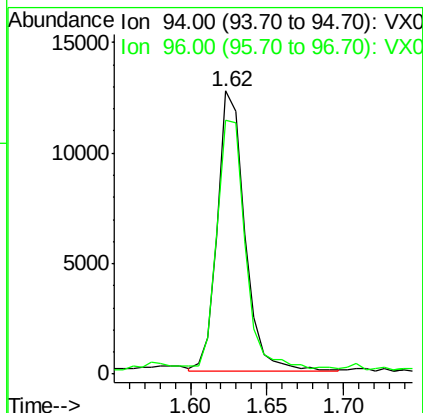
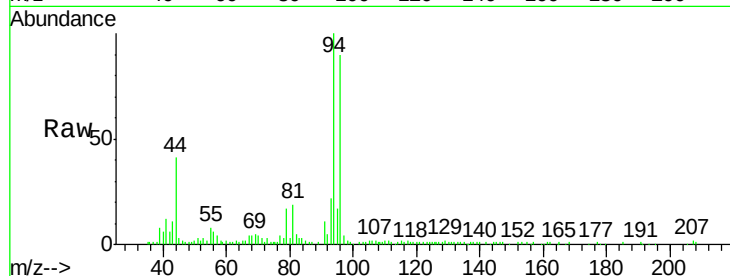
96 89.2 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 5.176 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018941.D

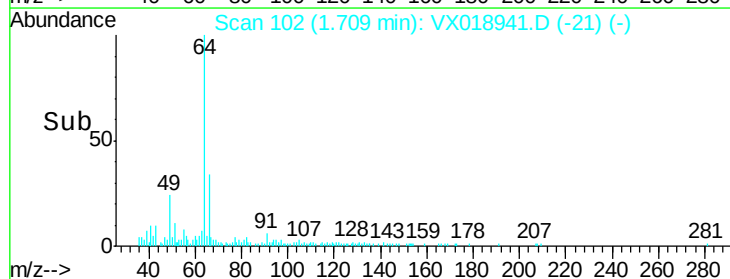
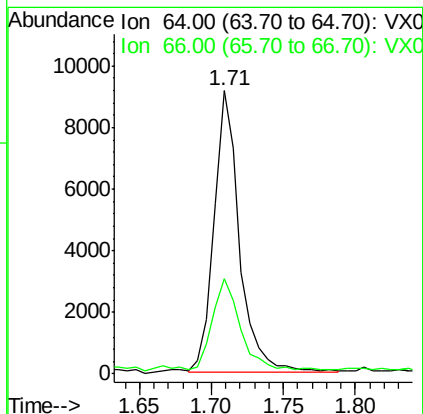
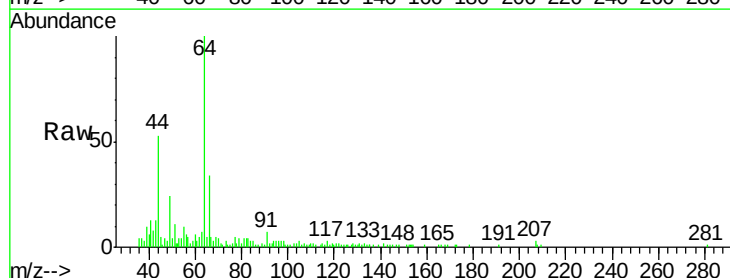
Acq: 15 Oct 2020 18:44

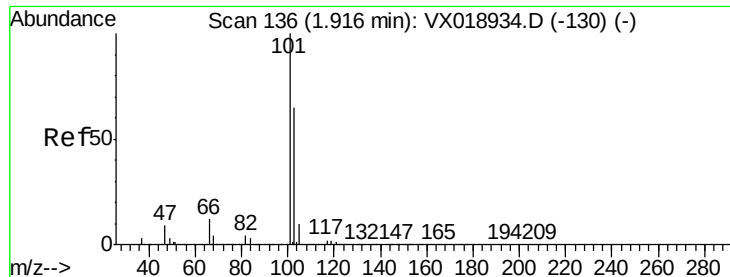
Tgt Ion: 64 Resp: 11247

Ion Ratio Lower Upper

64 100

66 32.4 24.5 36.7





#7

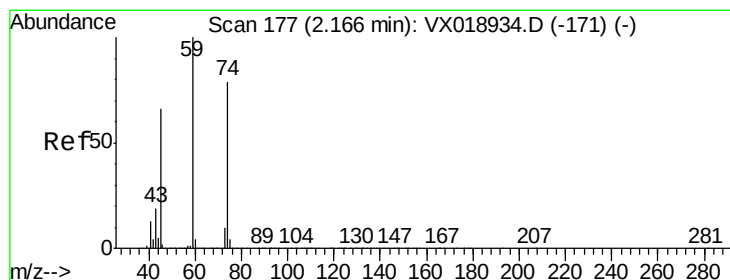
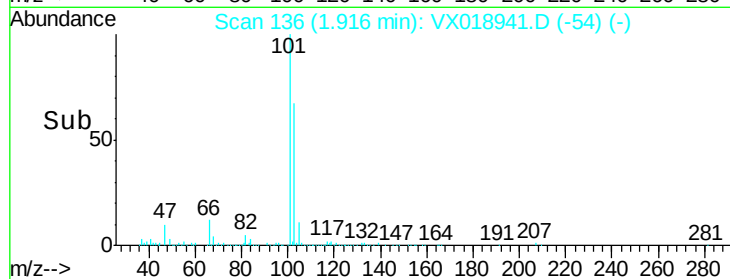
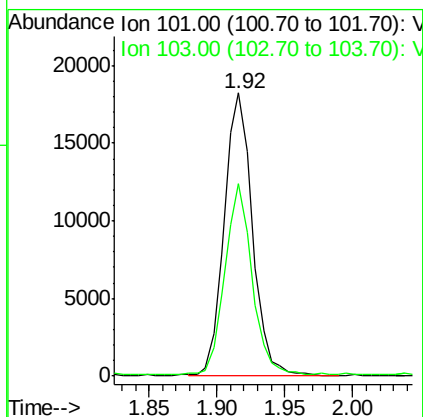
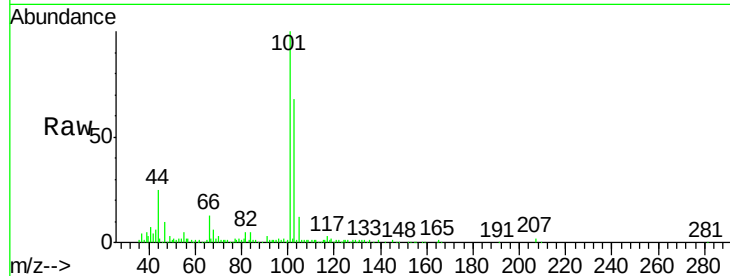
Trichlorofluoromethane
Concen: 5.315 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	51.8	77.6

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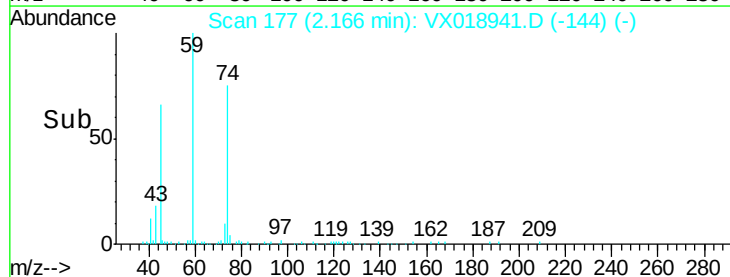
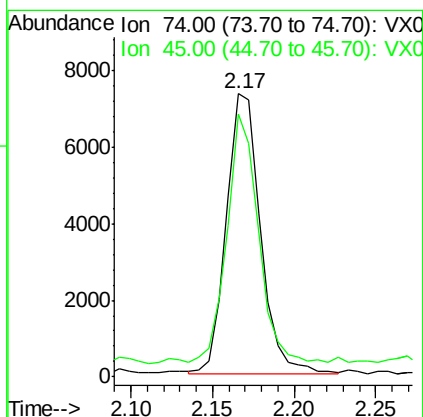
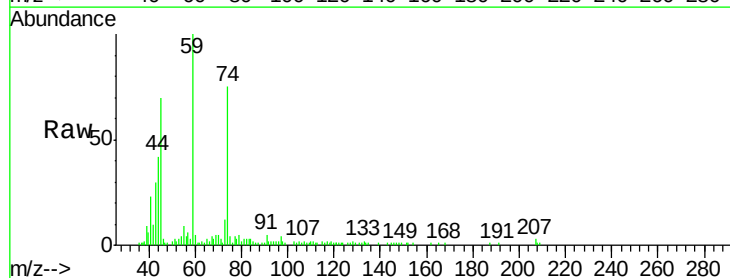
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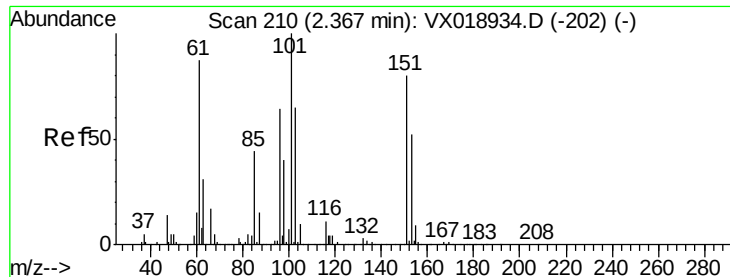


#8

Diethyl Ether
Concen: 5.452 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.3	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.096 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

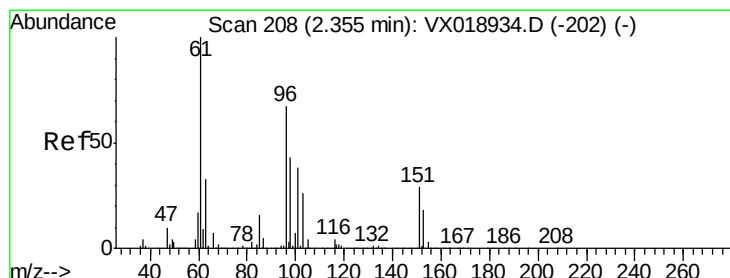
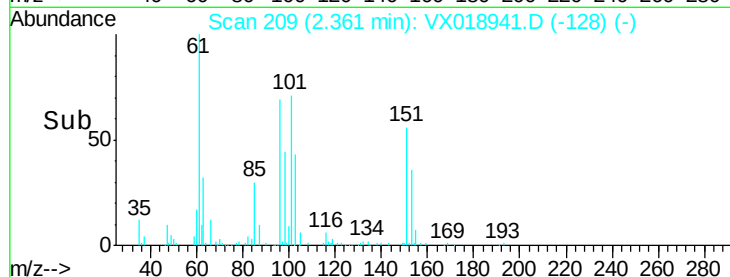
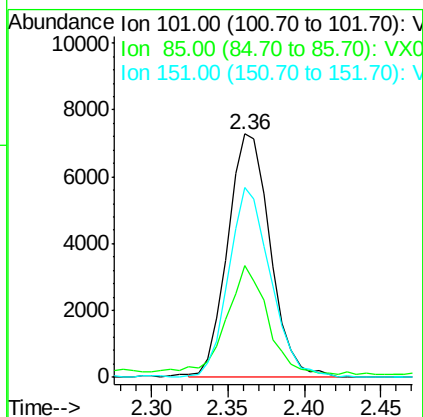
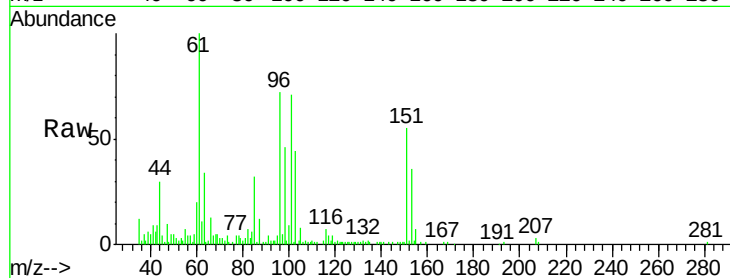
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	101	Resp:	14052
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	85.4
151	76.8	0.0	157.6

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#10

1,1-Dichloroethene

Concen: 5.260 ug/l

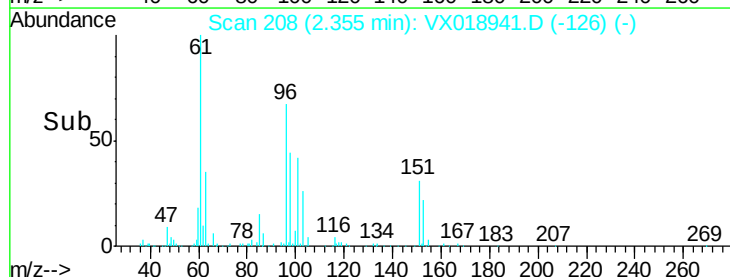
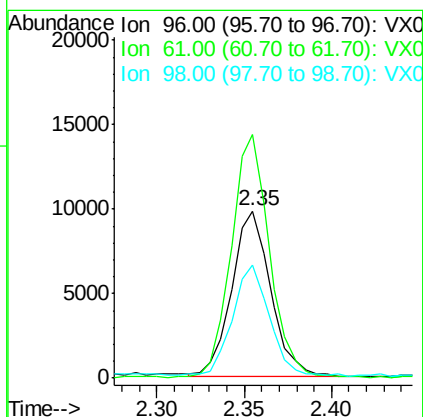
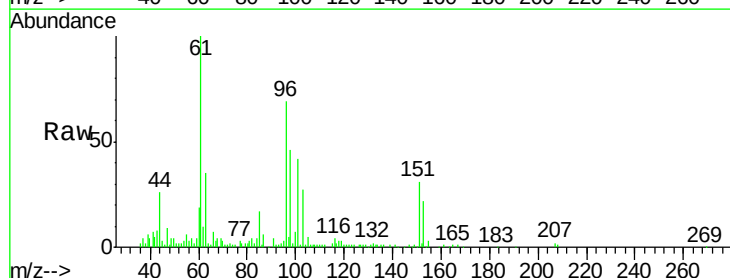
RT: 2.35 min Scan# 208

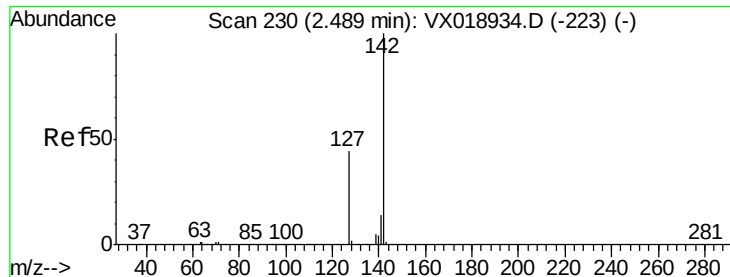
Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	96	Resp:	15075
Ion Ratio	Lower	Upper	
96	100		
61	146.5	120.2	180.4
98	65.8	51.4	77.0





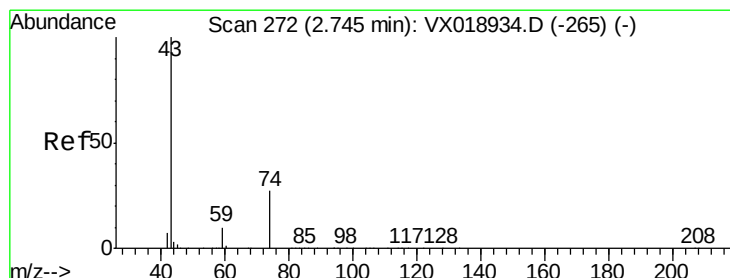
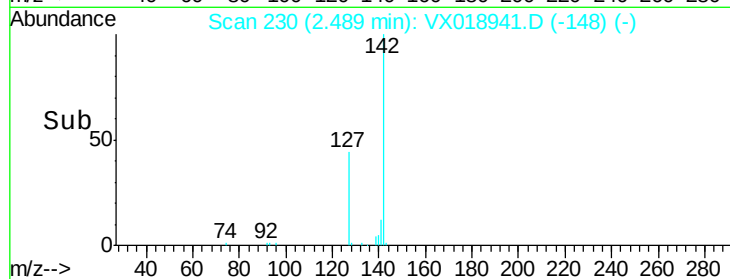
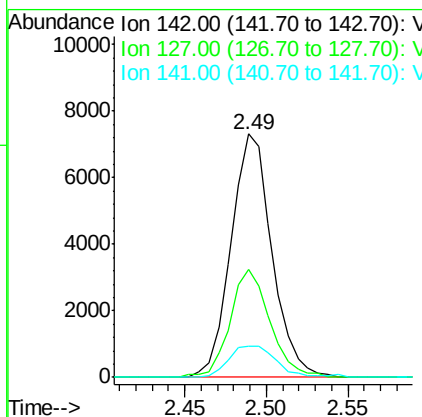
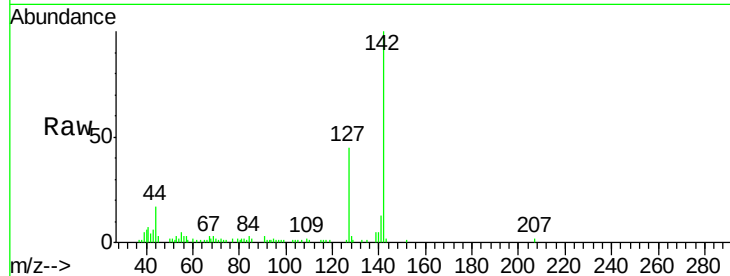
#11
Methvl Iodide
Concen: 3.759 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.0	22.1	66.1
141	12.3	7.0	21.1

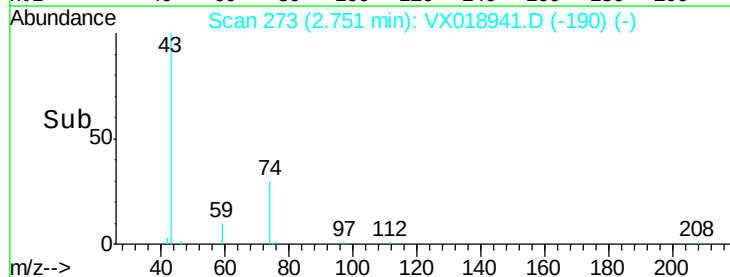
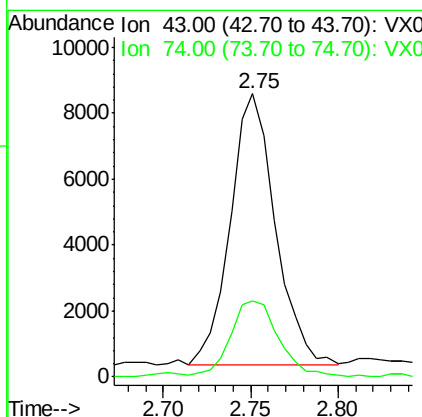
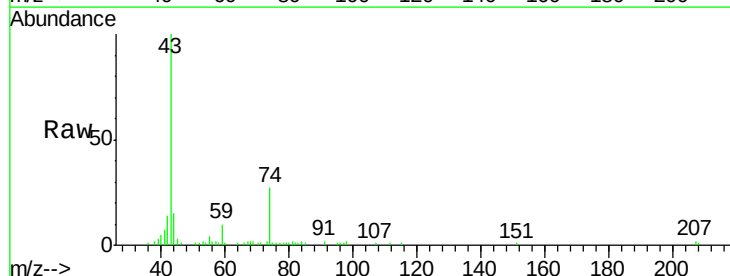
Manual Integrations
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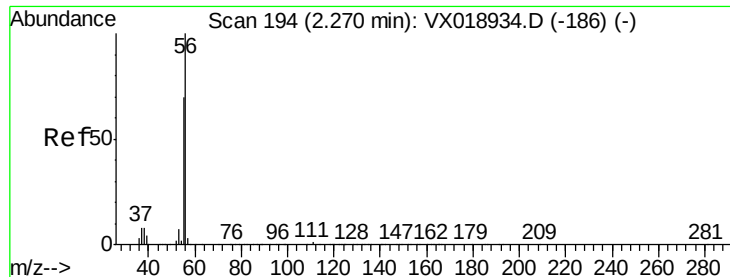
apatel
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#12
Methyl Acetate
Concen: 5.267 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.6	32.4





#13

Acrolein

Concen: 27.461 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 56 Resp: 14758

Ion Ratio Lower Upper

56 100

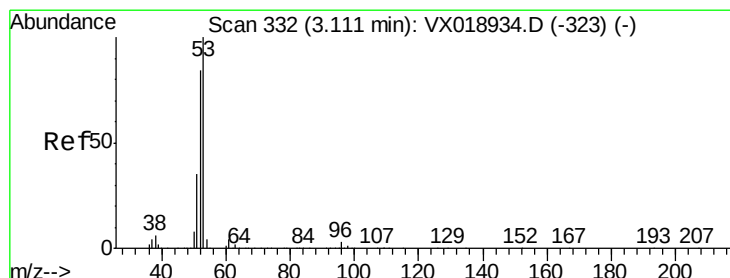
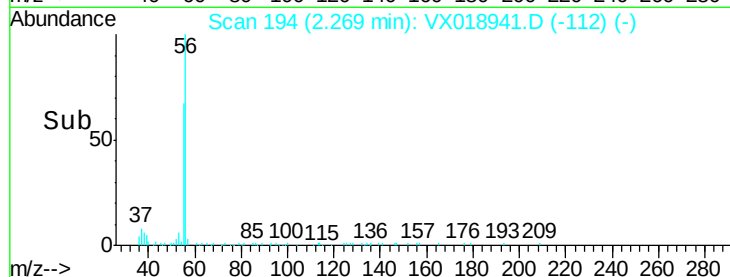
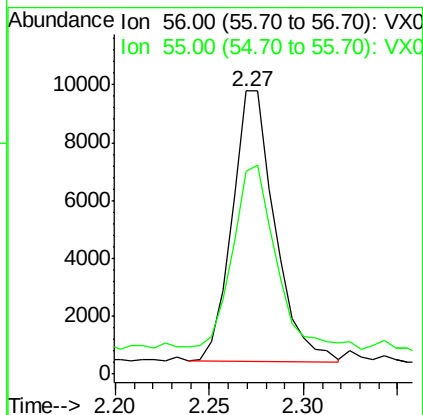
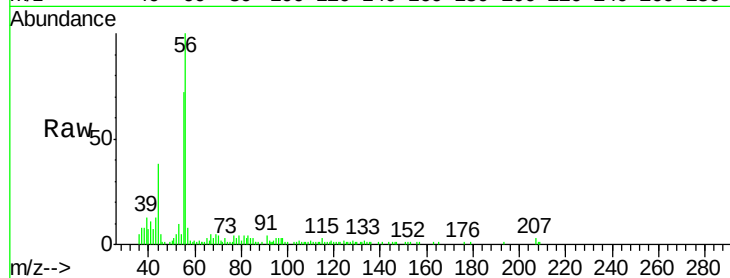
55 75.4 57.1 85.7

Manual Integrations

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#14

Acrylonitrile

Concen: 26.691 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

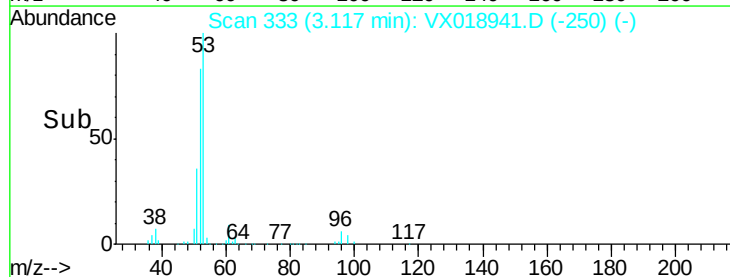
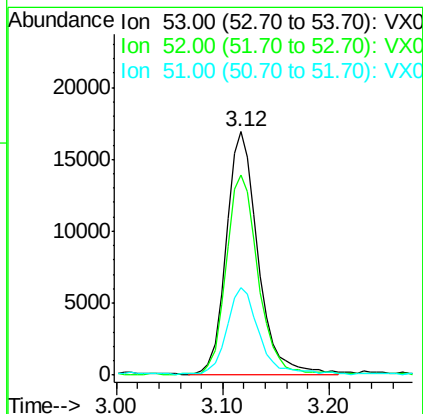
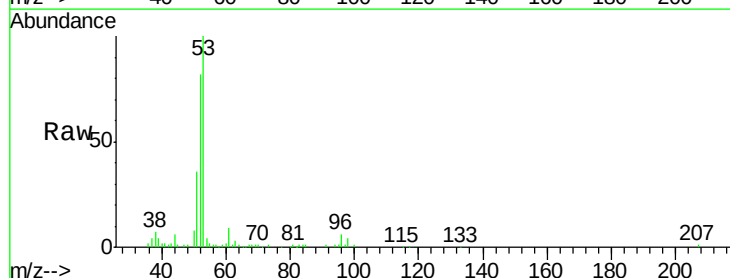
Tgt Ion: 53 Resp: 34899

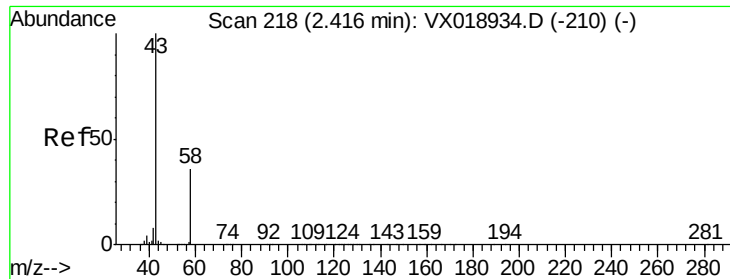
Ion Ratio Lower Upper

53 100

52 82.2 40.3 120.8

51 36.1 17.6 52.8





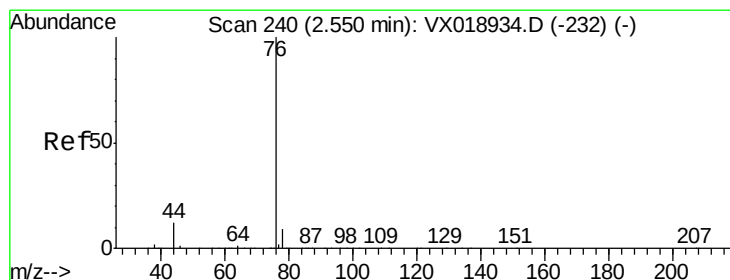
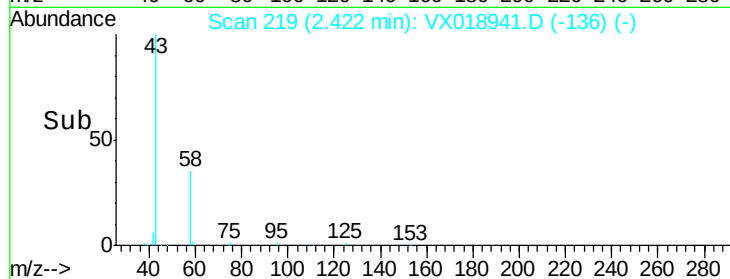
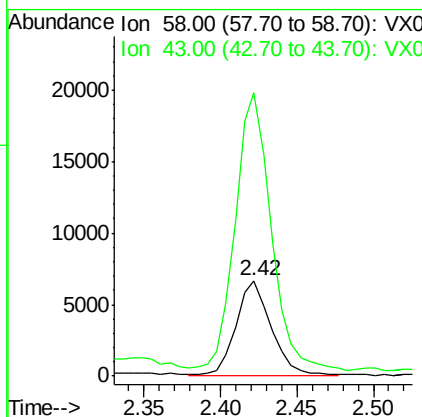
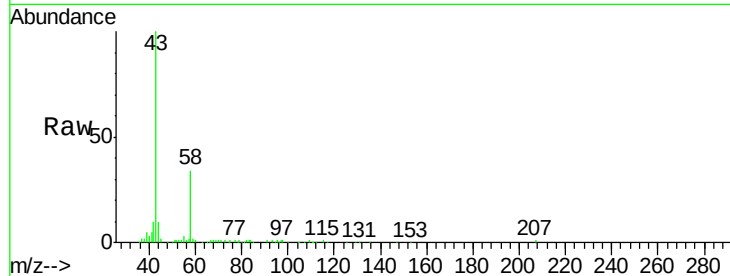
#15
Acetone
Concen: 24.099 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	58	43	Resp	Lower	Upper
10606	100	292.7		223.8	335.8

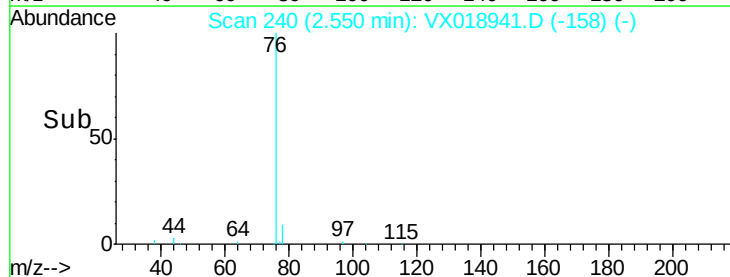
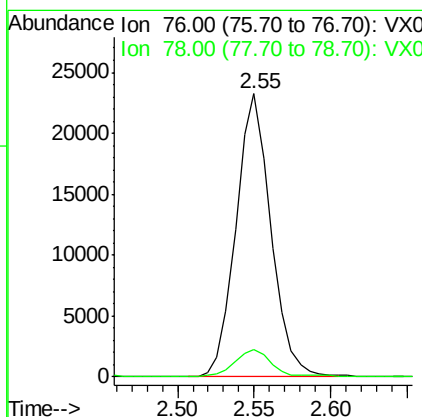
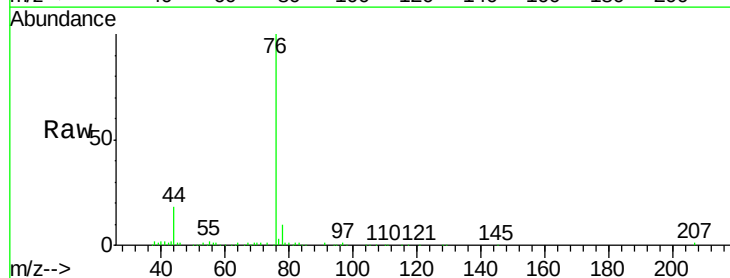
Manual Integrations
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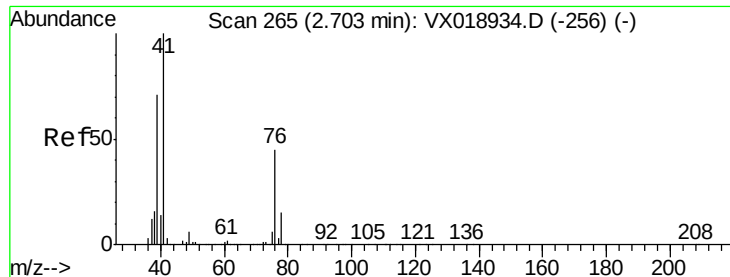
apatel
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#16
Carbon Disulfide
Concen: 5.244 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	76	78	Resp	Lower	Upper
36860	100	9.7		7.4	11.2





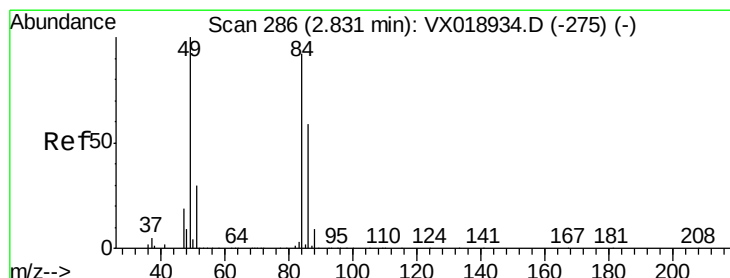
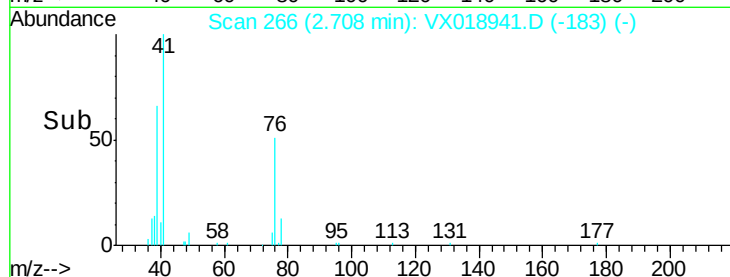
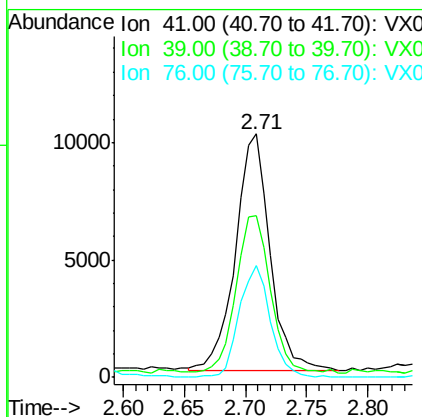
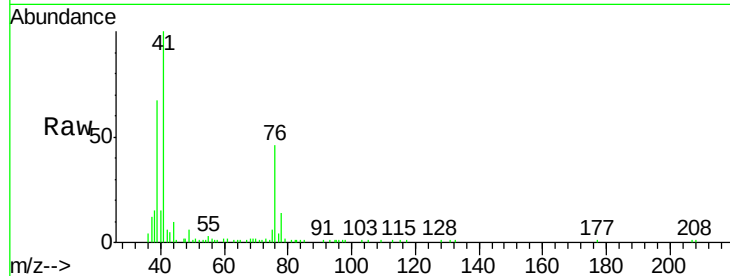
#17
Allvl chloride
Concen: 5.288 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion:	41	Resp:	19667
Ion	Ratio	Lower	Upper
41	100		
39	66.8	35.4	106.3
76	47.0	22.4	67.2

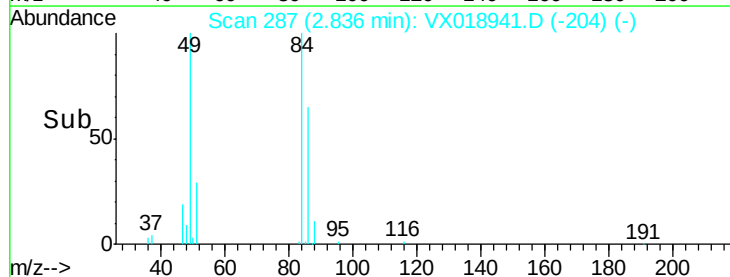
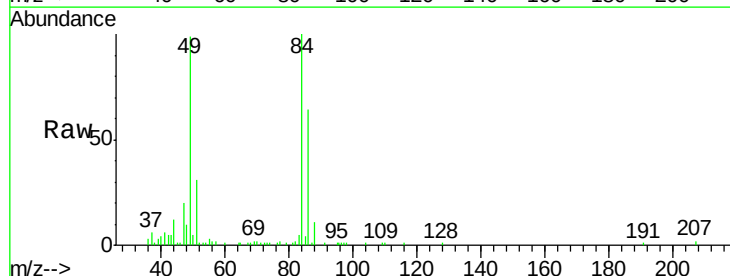
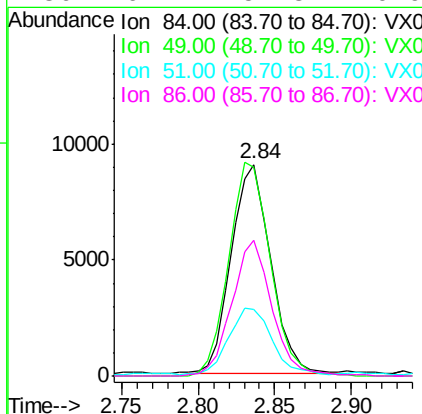
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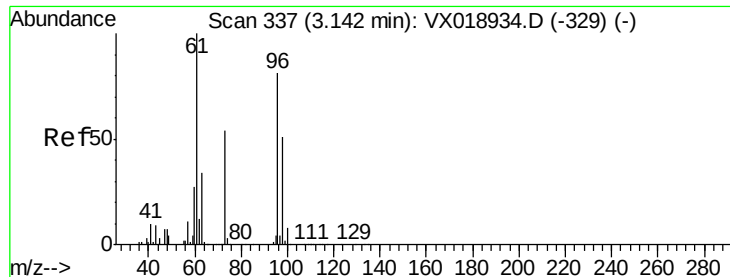
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#18
Methylene Chloride
Concen: 5.597 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion:	84	Resp:	16166
Ion	Ratio	Lower	Upper
84	100		
49	100.6	87.2	130.8
51	30.8	25.9	38.9
86	64.7	51.3	76.9





#19

trans-1,2-Dichloroethene

Concen: 5.213 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

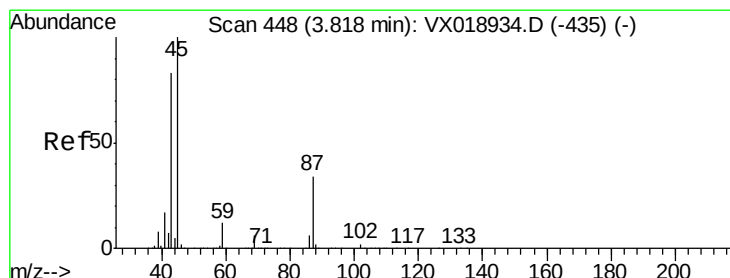
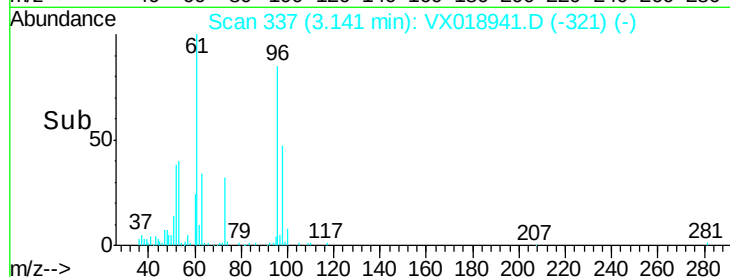
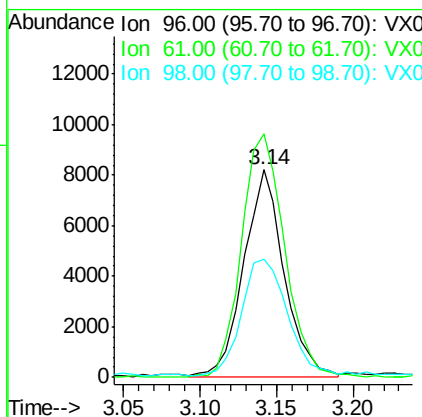
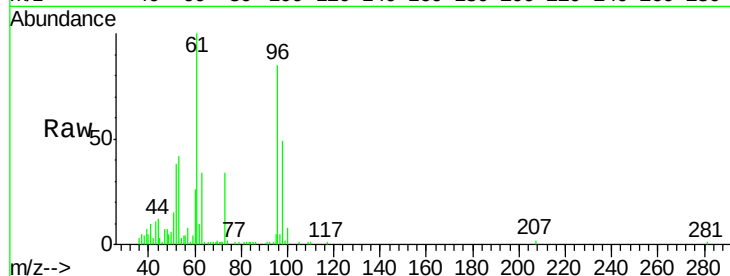
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	96	Resp:	15046
Ion	Ratio	Lower	Upper
96	100		
61	118.5	98.6	147.8
98	56.8	50.3	75.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 5.225 ug/l

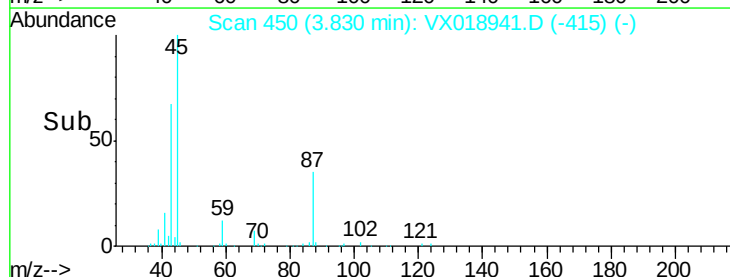
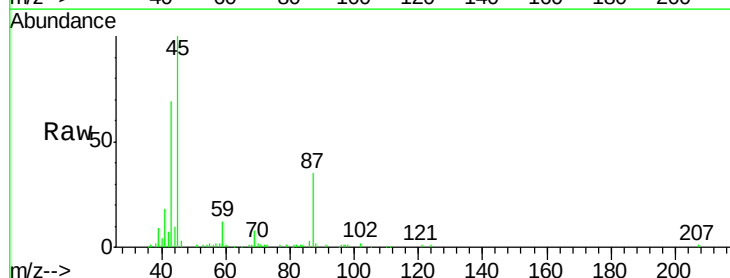
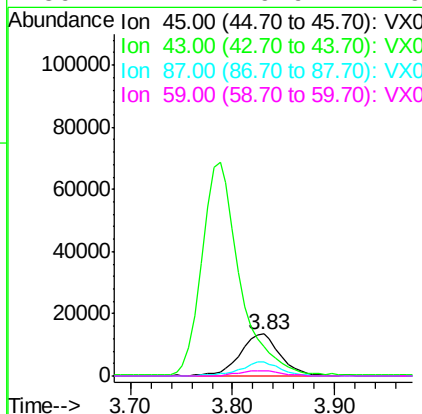
RT: 3.83 min Scan# 450

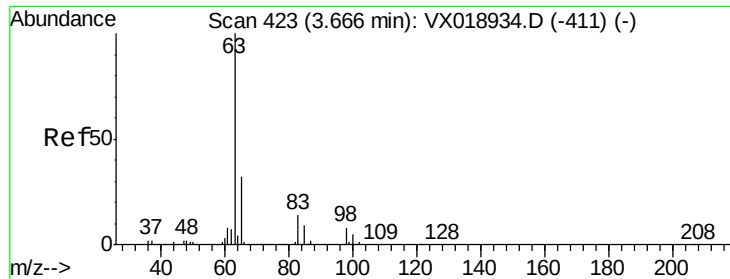
Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	45	Resp:	36060
Ion	Ratio	Lower	Upper
45	100		
43	65.6	69.7	104.5#
87	35.3	26.9	40.3
59	12.4	9.9	14.9





#21

1,1-Dichloroethane

Concen: 5.251 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

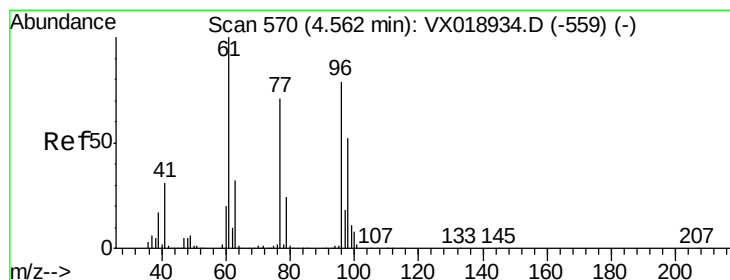
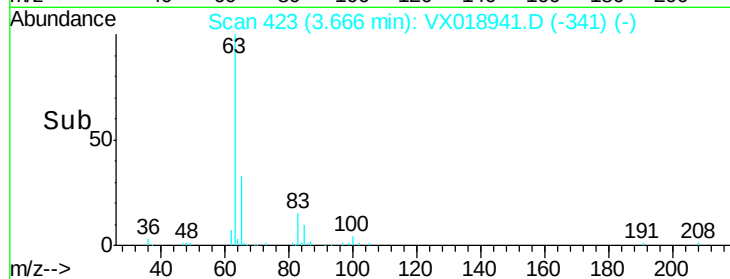
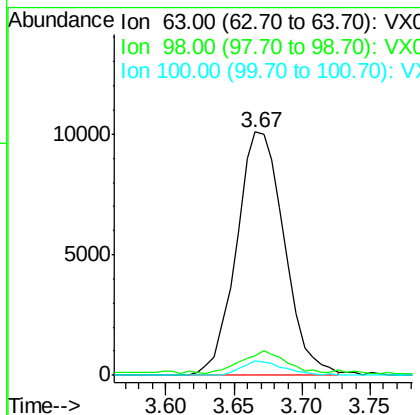
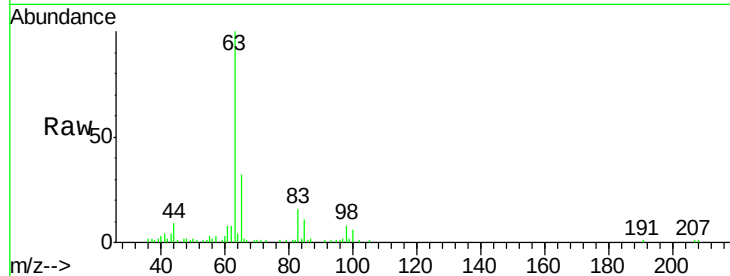
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	63	Resp:	24770
Ion	Ratio	Lower	Upper
63	100		
98	6.5	4.0	11.9
100	5.9	2.5	7.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 5.344 ug/l

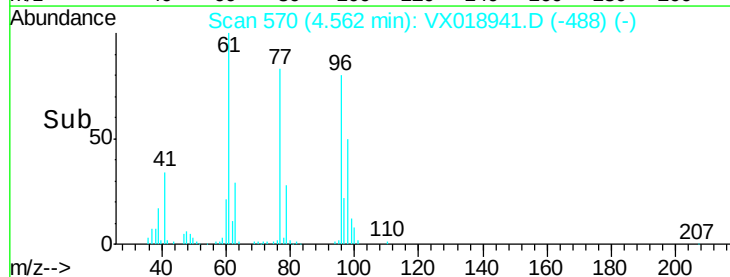
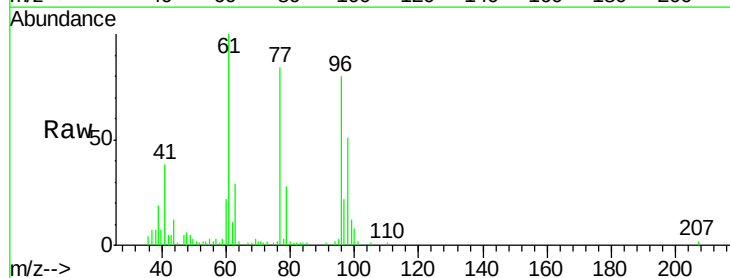
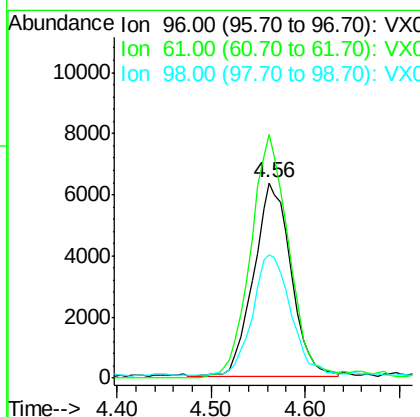
RT: 4.56 min Scan# 570

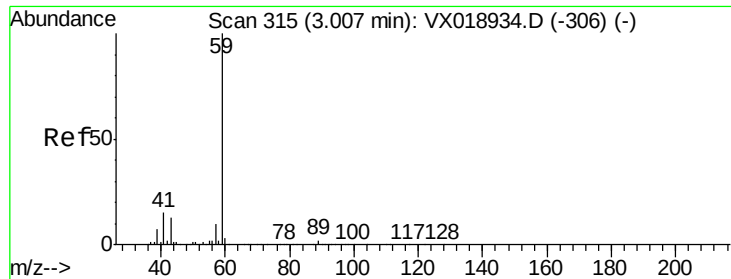
Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	96	Resp:	17466
Ion	Ratio	Lower	Upper
96	100		
61	129.1	107.7	161.5
98	61.4	51.9	77.9





#23

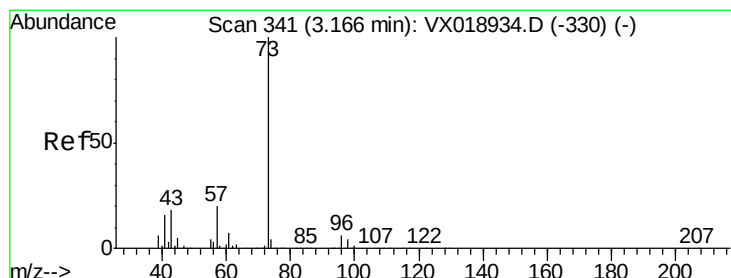
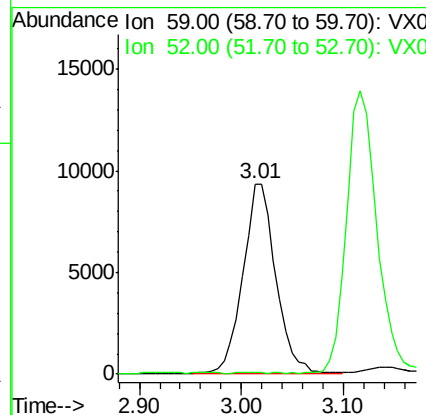
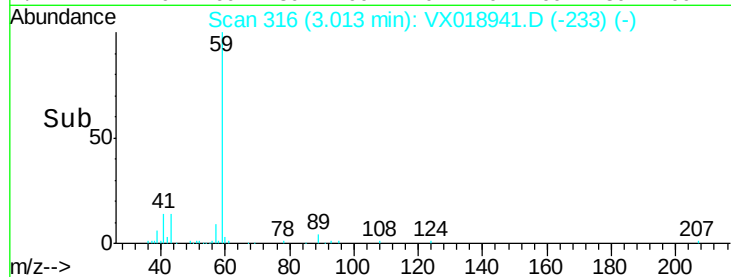
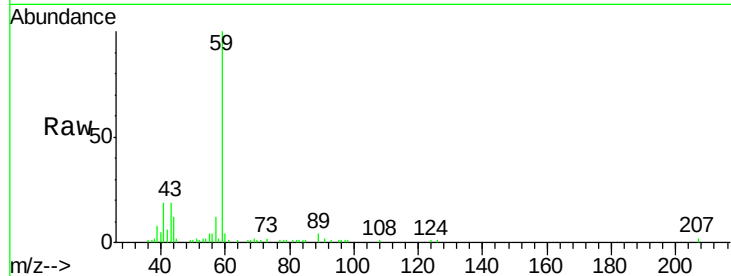
tert-Butyl Alcohol
 Concen: 29.025 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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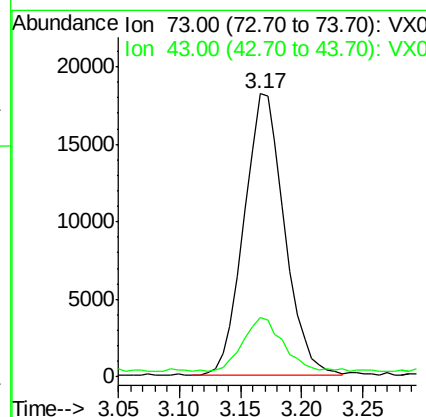
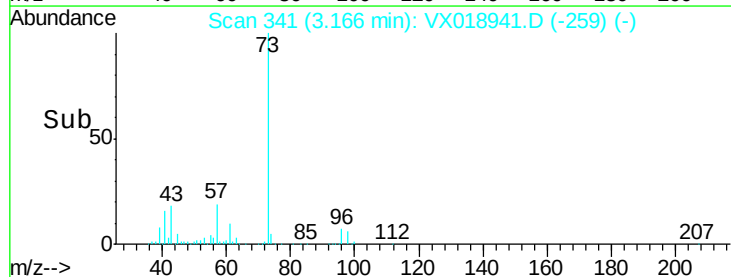
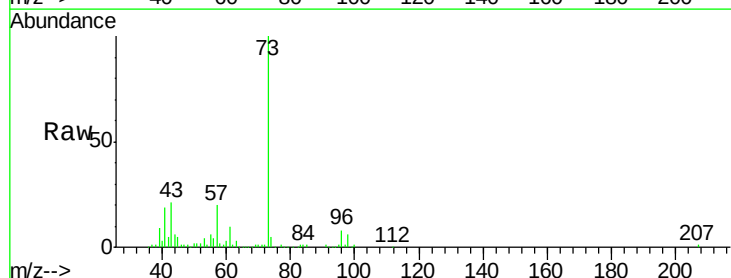
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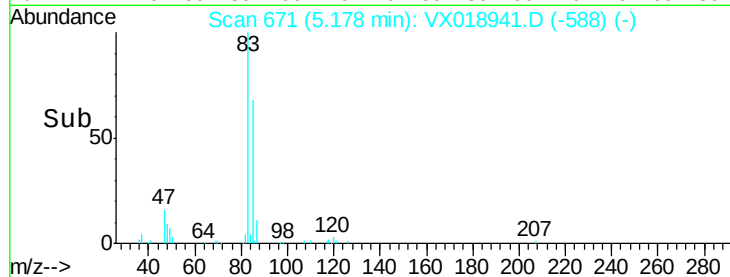
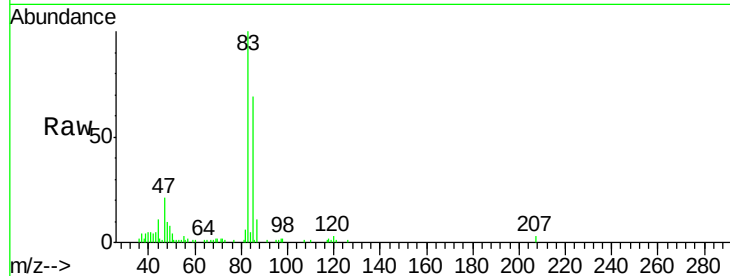
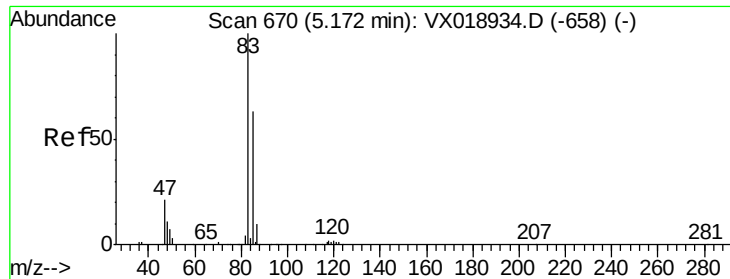


#24

Methyl tert-Butyl Ether
 Concen: 5.294 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.0	13.8	20.8





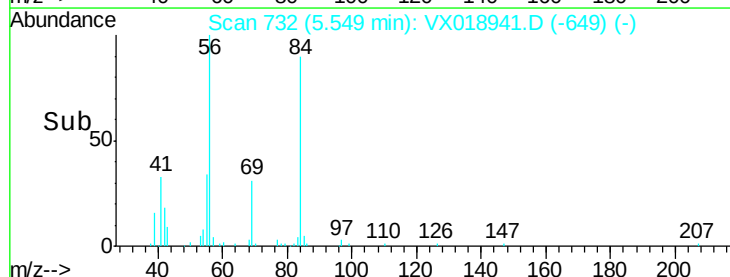
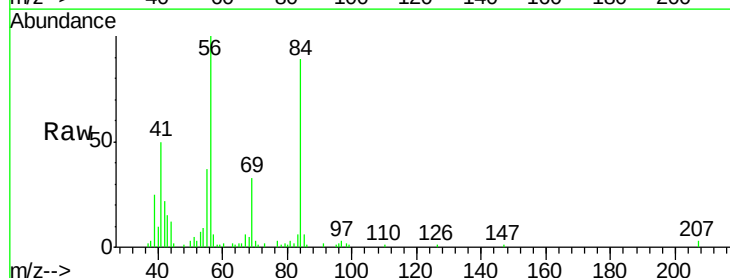
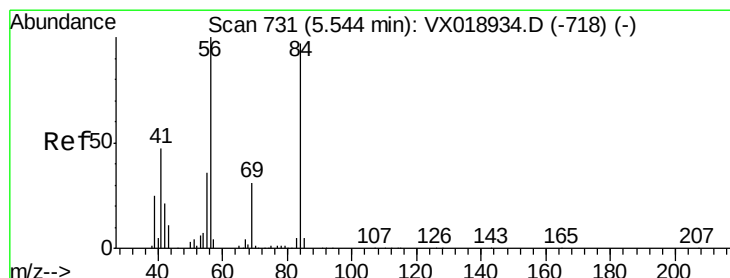
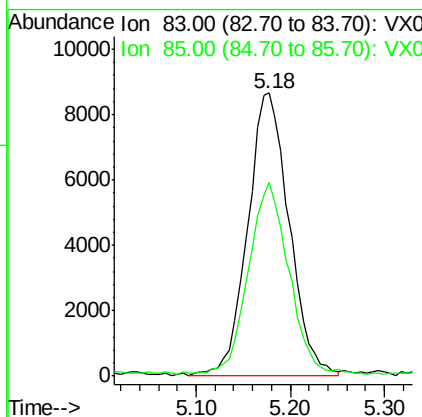
#25
Chloroform
Concen: 5.346 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tot Ion	83	Resp	26770
Ion Ratio	100	Lower	Upper
83	100		
85	67.3	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

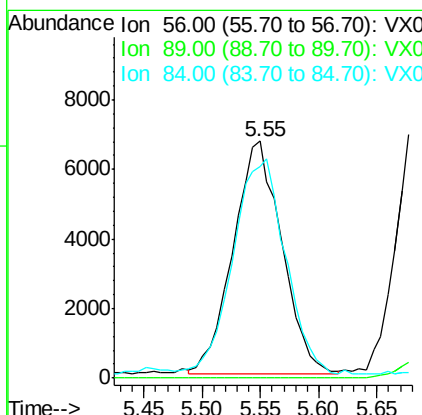
Manual Integrations
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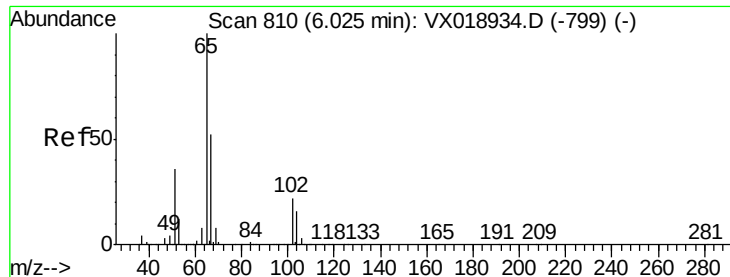
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#26
Cyclohexane
Concen: 5.112 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	56	Resp	19411
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	100.9	78.0	117.0





#27

1,2-Dichloroethane-d4

Concen: 31.573 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 65 Resp: 96420

Ion Ratio Lower Upper

65 100

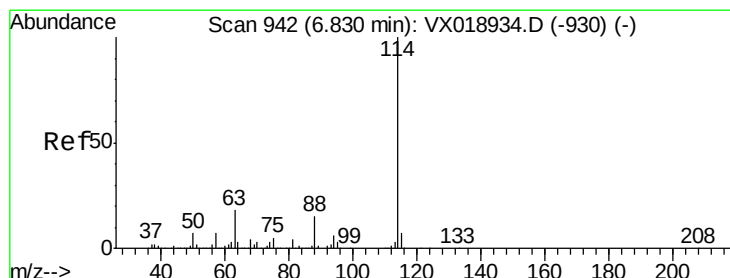
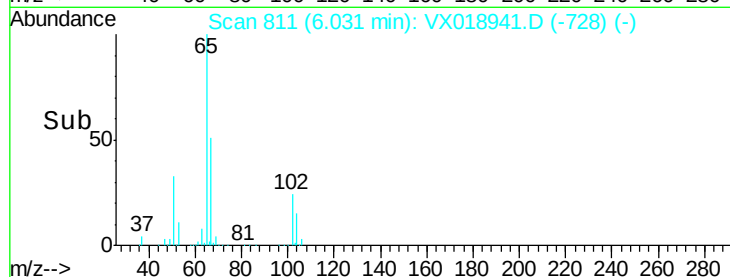
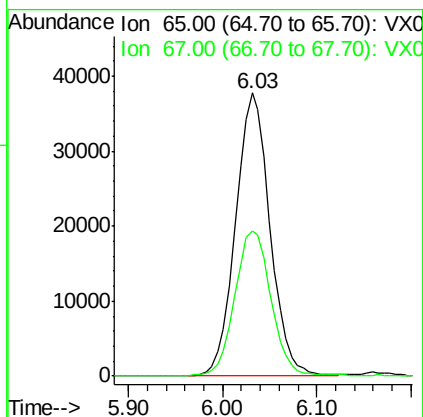
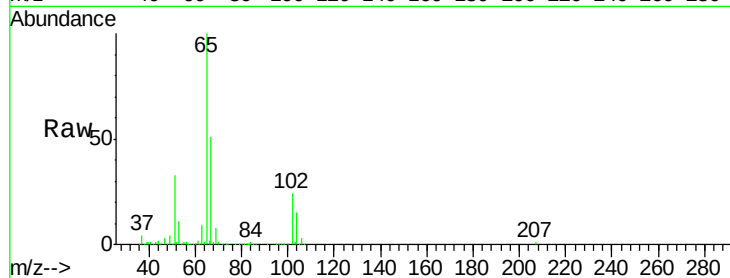
67 53.8 42.1 63.1

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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: VX018941.D

Acq: 15 Oct 2020 18:44

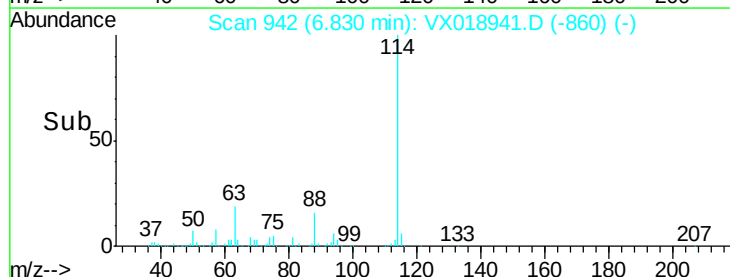
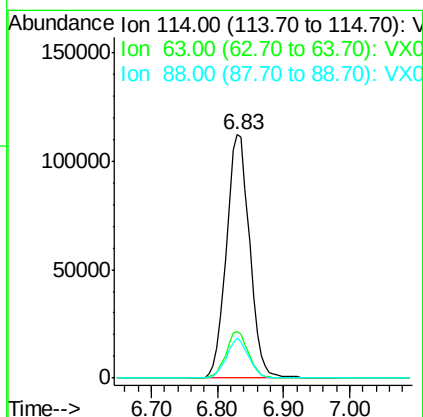
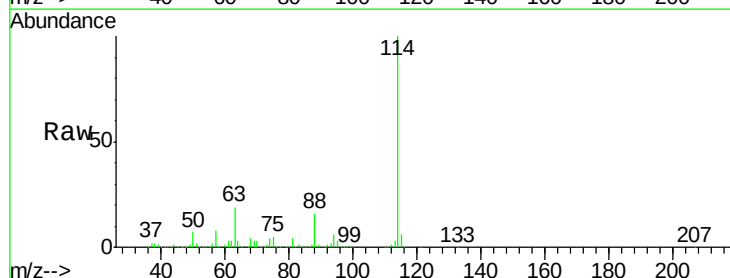
Tgt Ion: 114 Resp: 273634

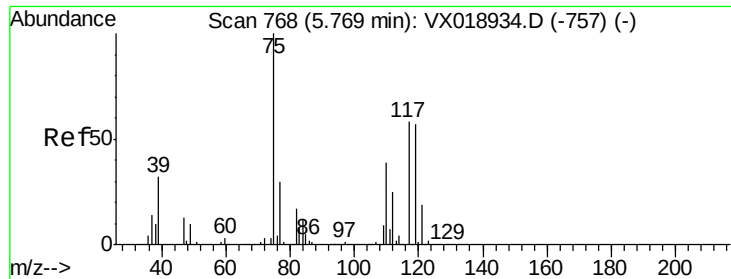
Ion Ratio Lower Upper

114 100

63 18.4 14.6 21.8

88 15.4 12.3 18.5





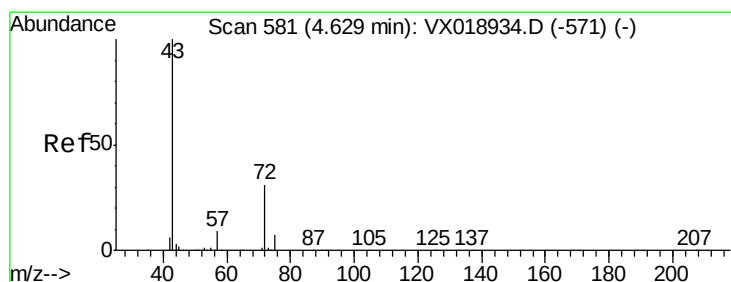
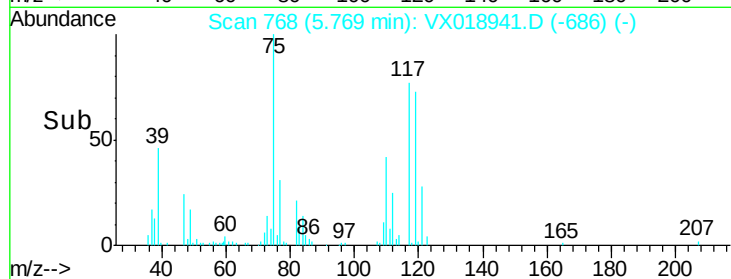
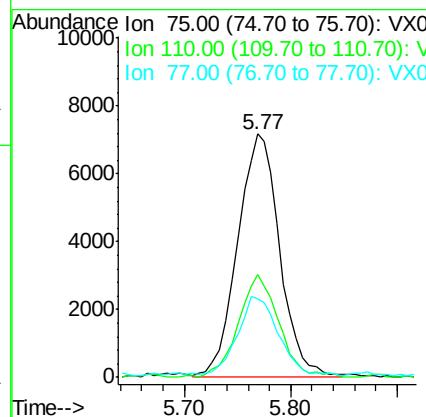
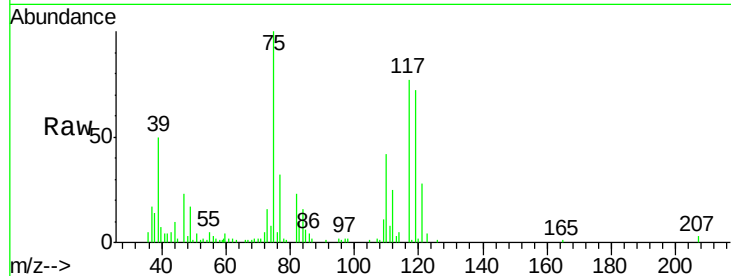
#29
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	40.1	0.0	79.2	
77	30.8	0.0	62.6	

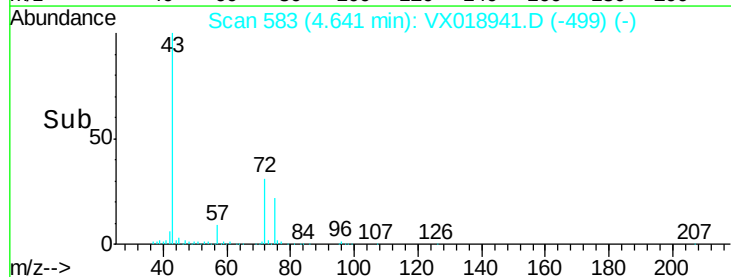
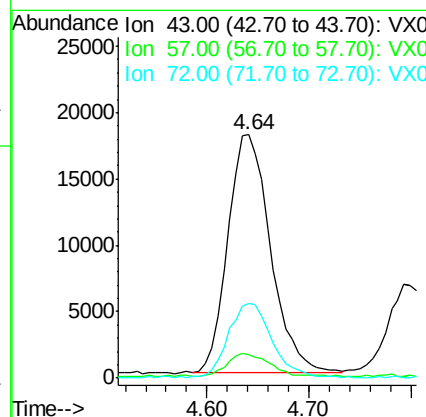
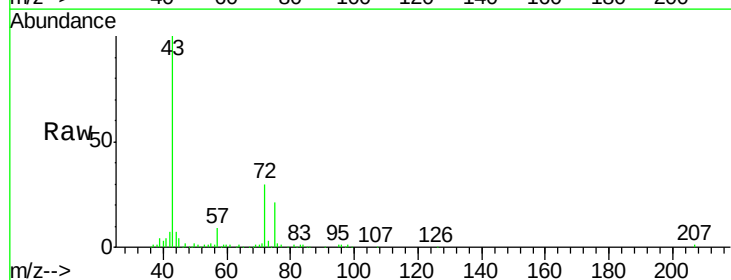
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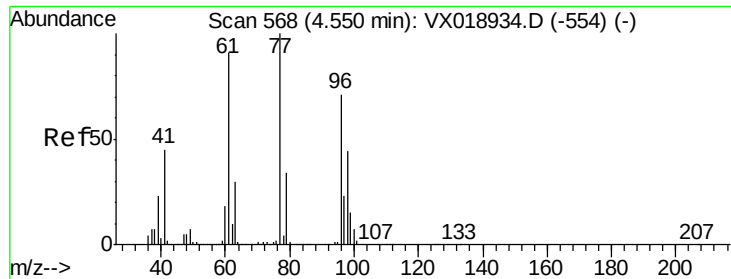
apatel
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#30
 2-Butanone
 Concen: 26.172 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	9.3	7.0	10.6	
72	32.3	25.6	38.4	





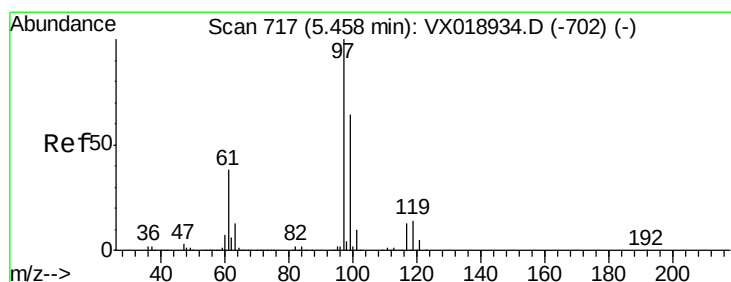
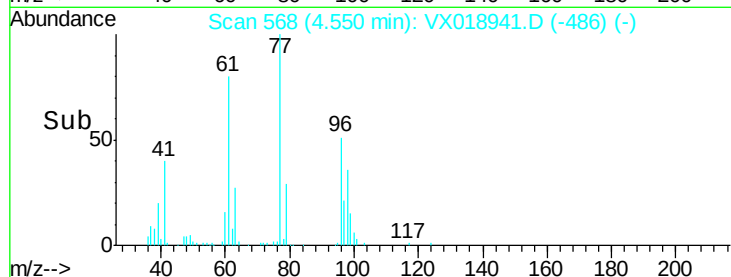
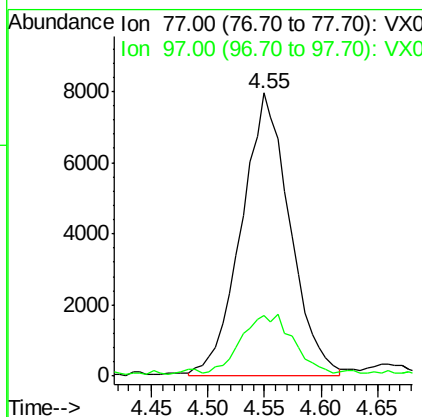
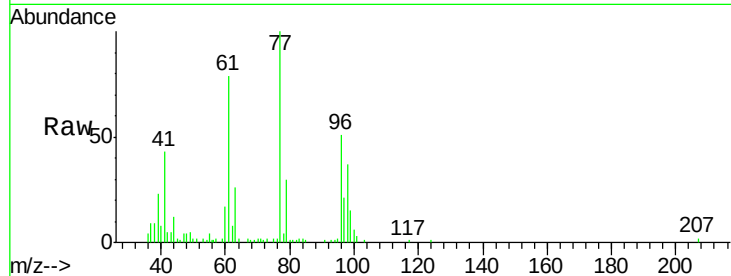
#31
 2,2-Dichloropropane
 Concen: 5.084 ug/l m
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 77 Resp: 23759
 Ion Ratio Lower Upper
 77 100
 97 0.1 19.0 28.6#

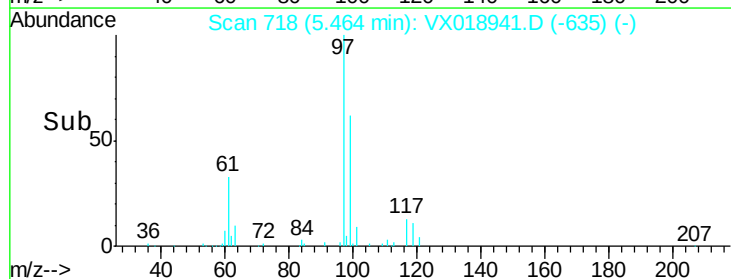
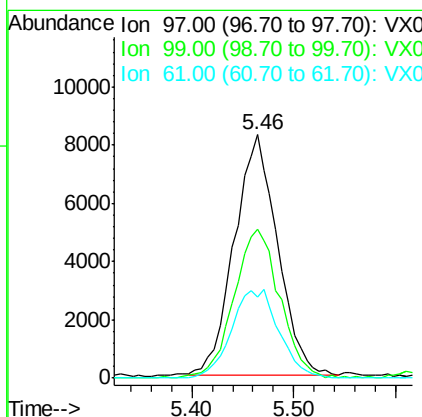
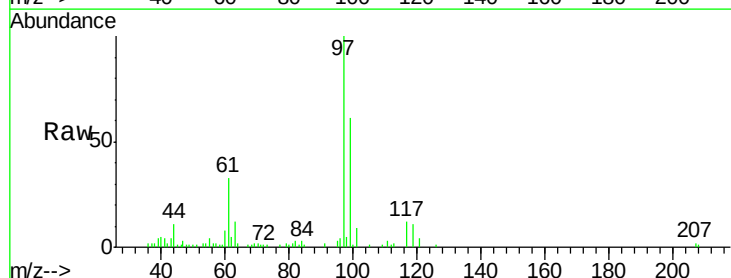
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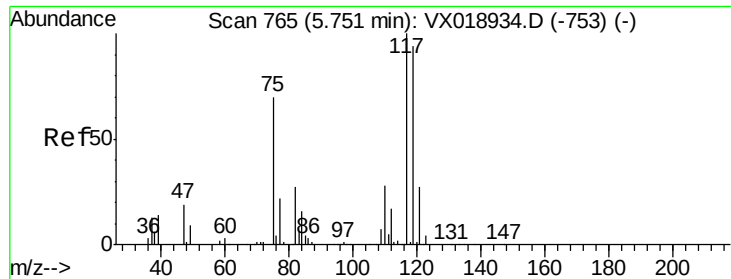
apatel
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#32
 1,1,1-Trichloroethane
 Concen: 5.058 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion: 97 Resp: 24355
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.6 78.8
 61 23.4 31.5 47.3#





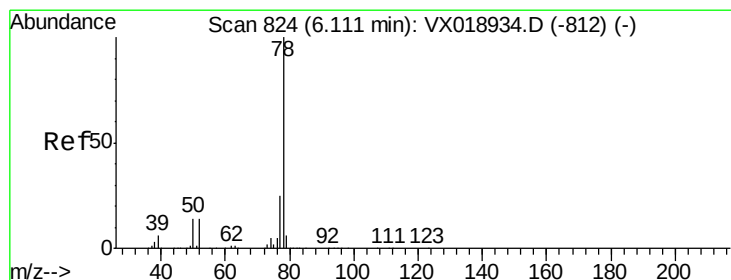
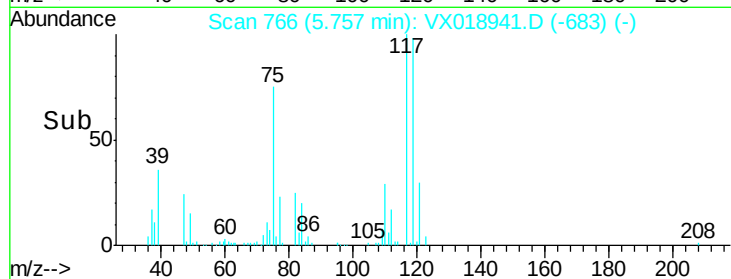
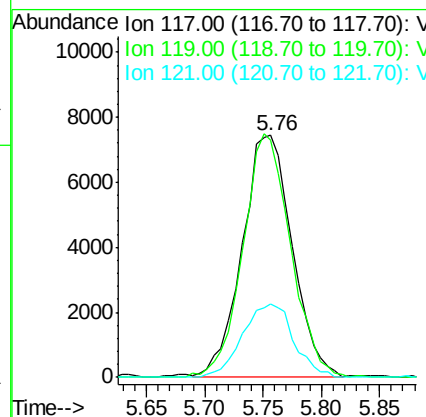
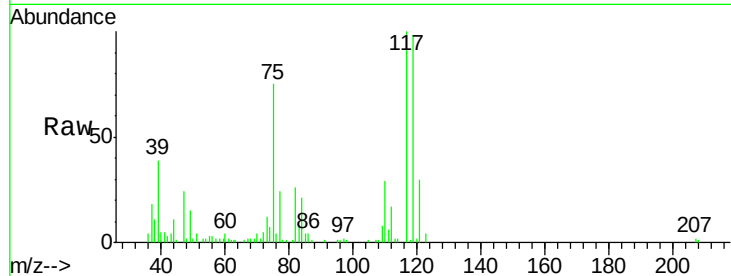
#33
Carbon Tetrachloride
Concen: 5.050 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.0	112.4
121	30.1	21.8	32.8

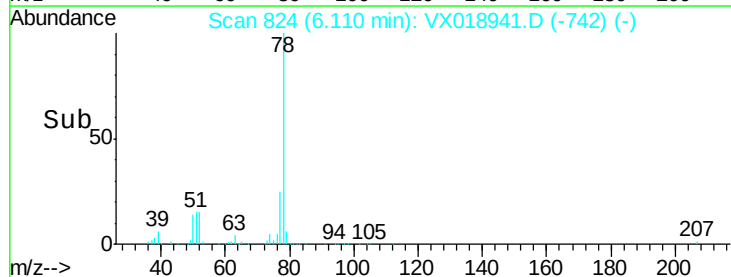
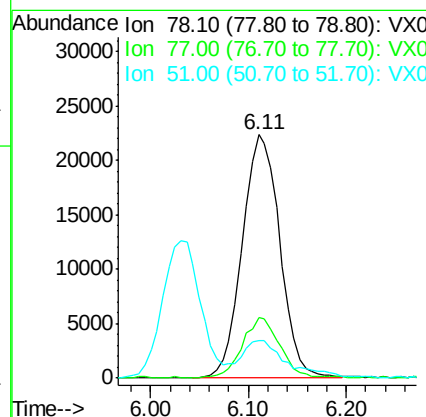
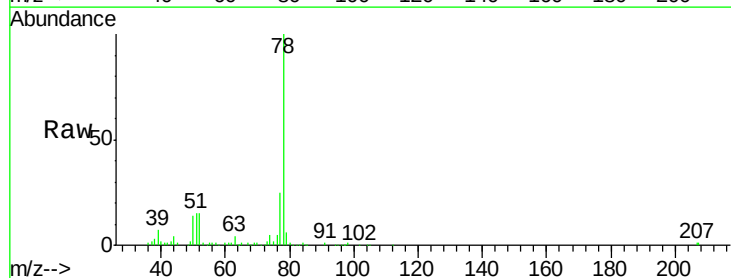
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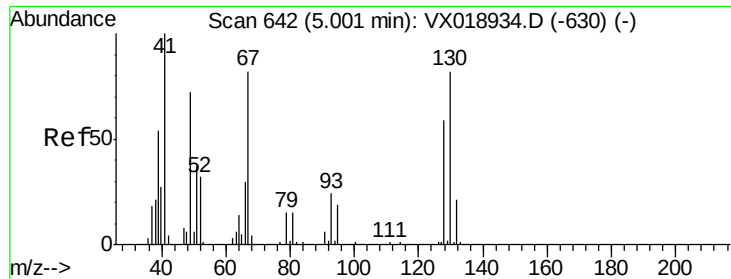
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#34
Benzene
Concen: 5.085 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.7	29.5
51	14.8	12.0	18.0





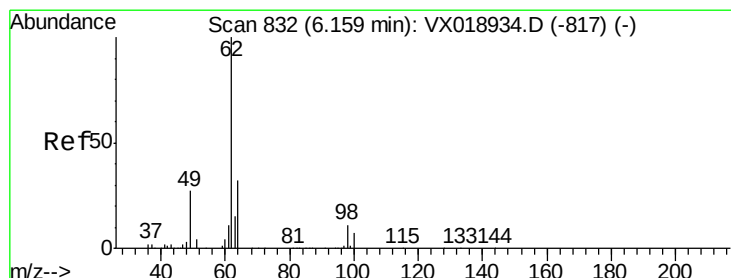
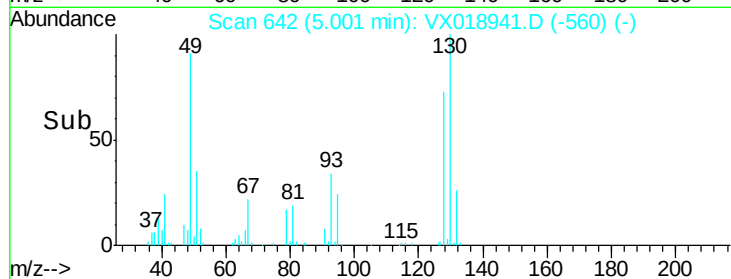
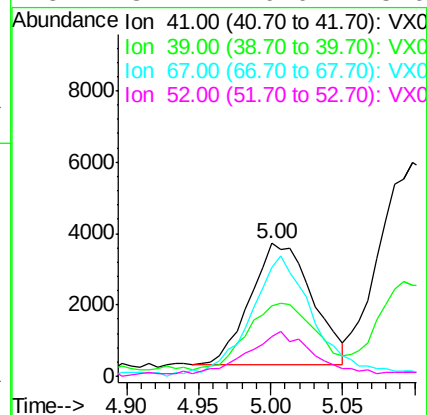
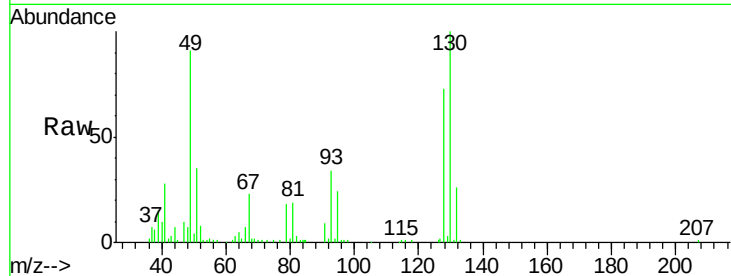
#35
Methacrylonitrile
Concen: 4.938 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion:	41	Resp:	10103
Ion Ratio	Lower	Upper	
41	100		
39	53.3	27.0	81.0
67	84.9	41.1	123.3
52	31.1	16.0	48.0

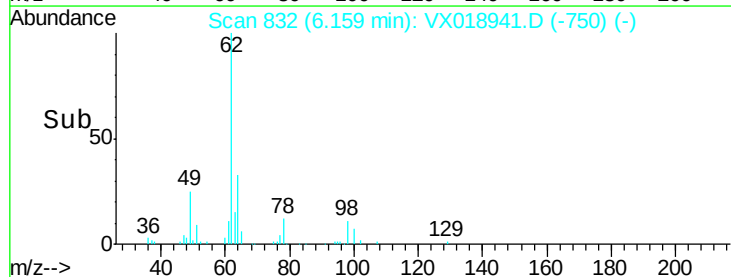
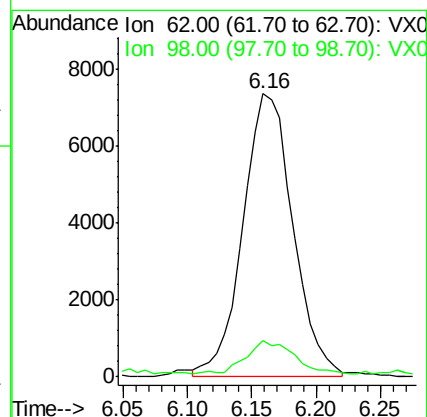
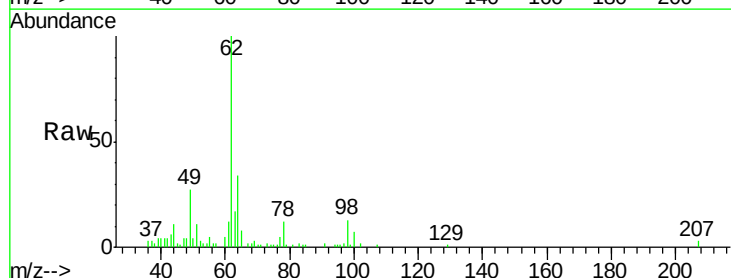
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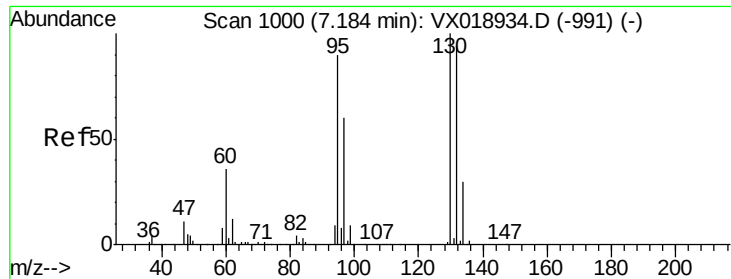
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#36
1,2-Dichloroethane
Concen: 5.127 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion:	62	Resp:	19815
Ion Ratio	Lower	Upper	
62	100		
98	10.9	8.9	13.3





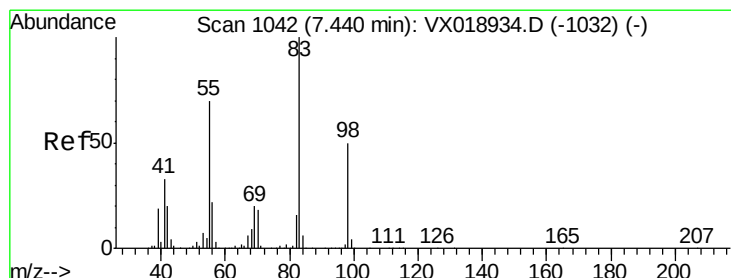
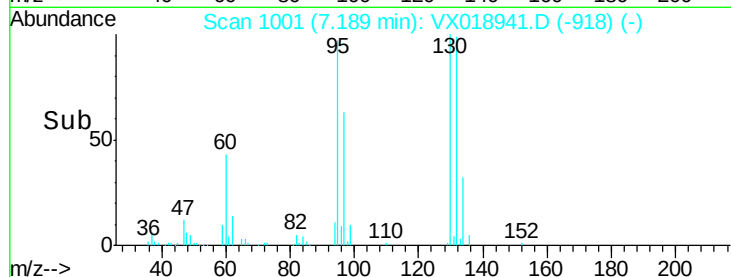
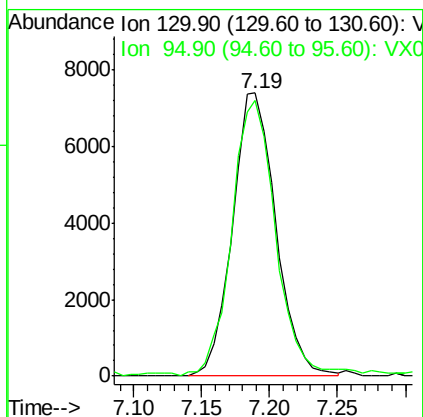
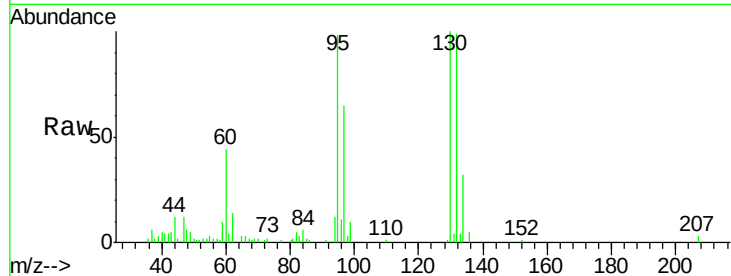
#37
 Trichloroethene
 Concen: 4.779 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:130 Resp: 16490
 Ion Ratio Lower Upper
 130 100
 95 96.2 71.8 107.6

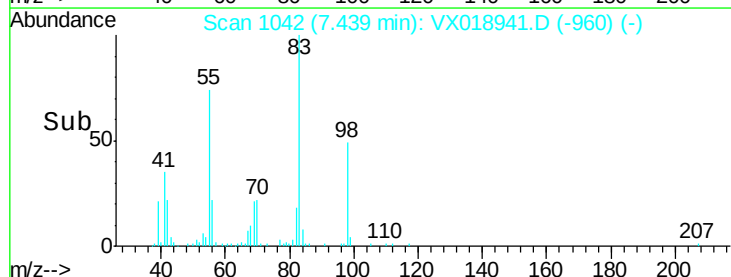
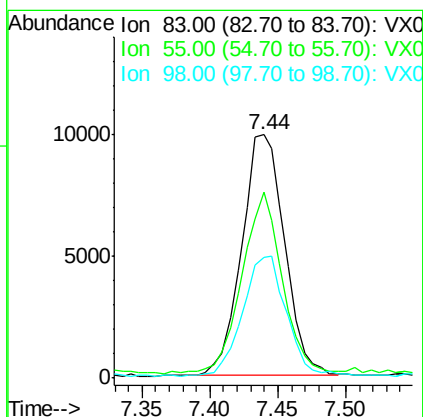
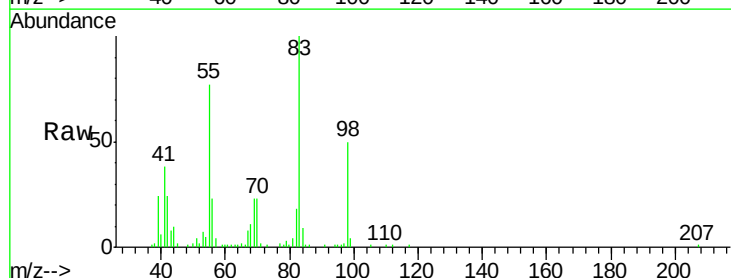
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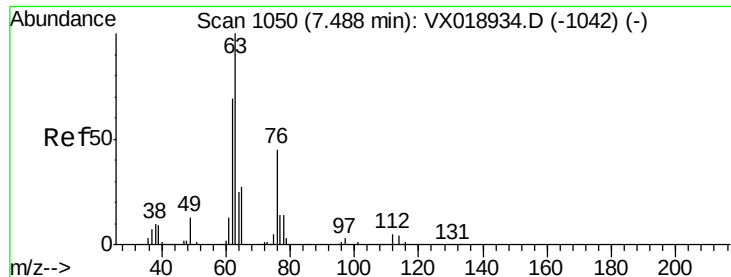
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#38
 Methylcyclohexane
 Concen: 4.822 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion: 83 Resp: 21812
 Ion Ratio Lower Upper
 83 100
 55 70.0 34.8 104.4
 98 50.6 25.8 77.4





#39

1,2-Dichloropropane

Concen: 5.140 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 63 Resp: 14782

Ion Ratio Lower Upper

63 100

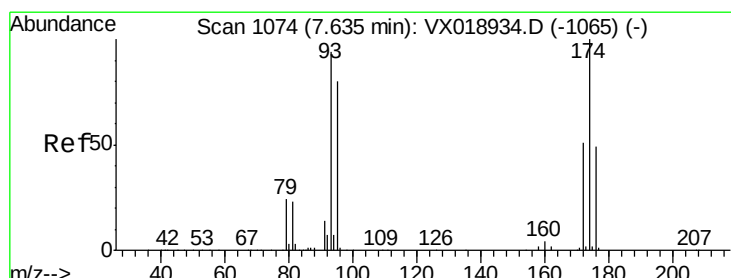
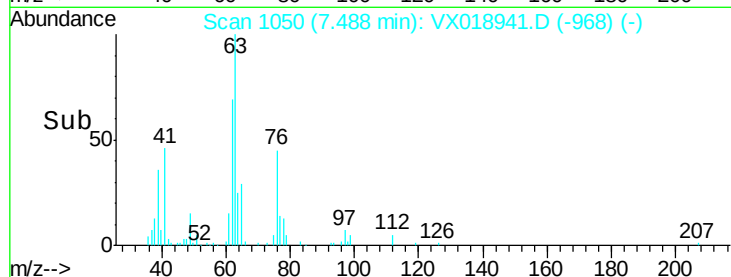
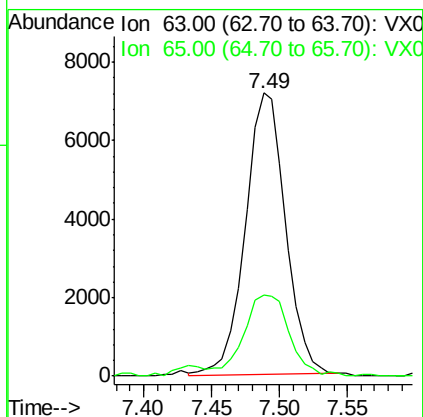
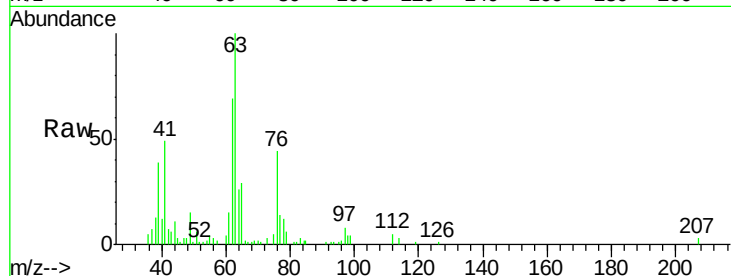
65 28.0 23.0 34.6

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#40

Dibromomethane

Concen: 5.091 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

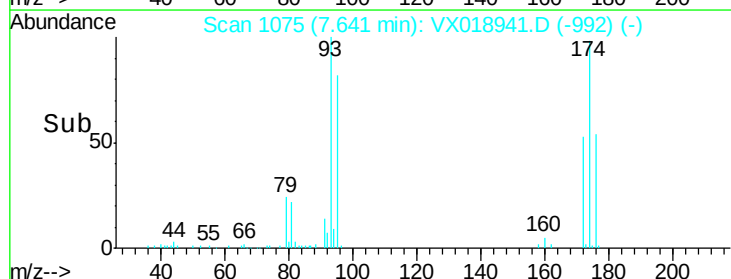
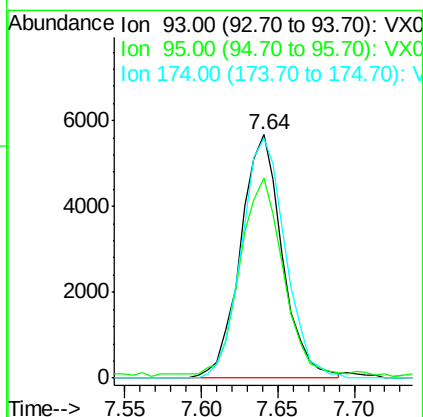
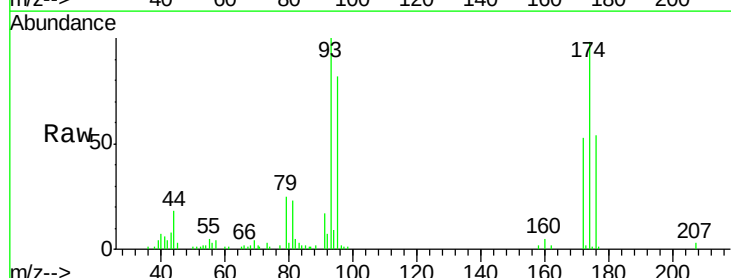
Tgt Ion: 93 Resp: 10753

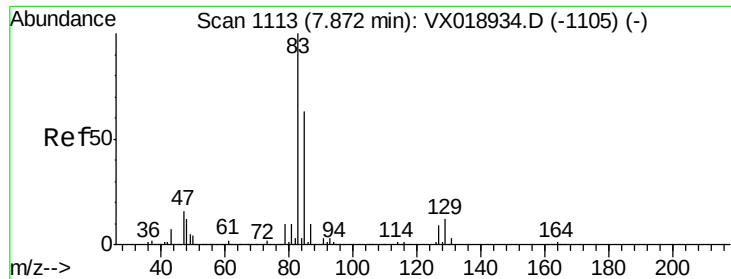
Ion Ratio Lower Upper

93 100

95 84.4 0.0 164.0

174 103.8 0.0 214.6





#41

Bromodichloromethane

Concen: 5.020 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

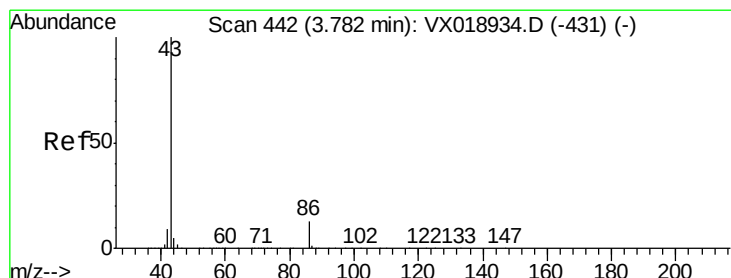
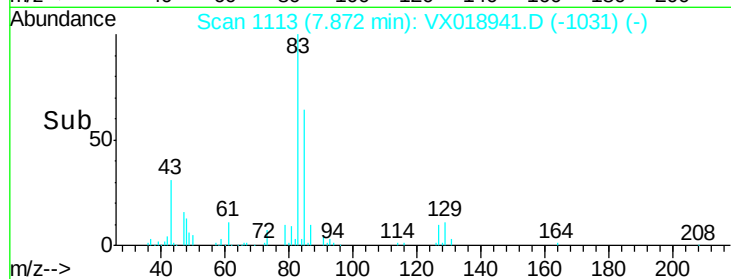
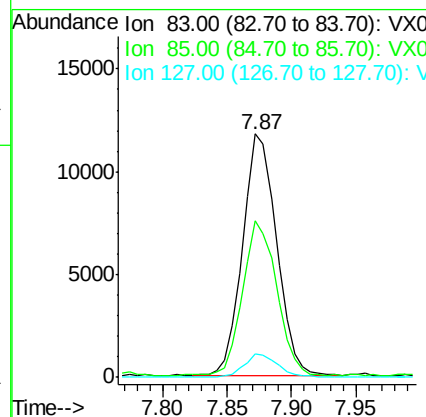
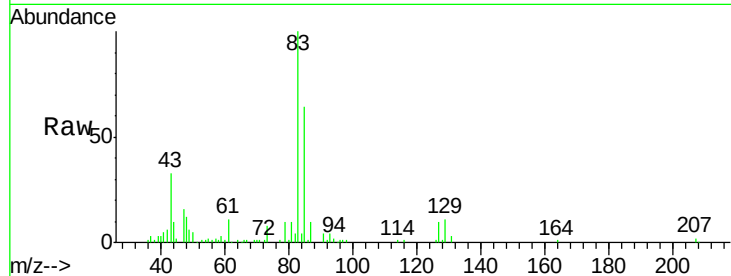
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	83	Resp:	21586
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.4	75.6
127	9.7	7.5	11.3

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#42

Vinyl Acetate

Concen: 24.863 ug/l

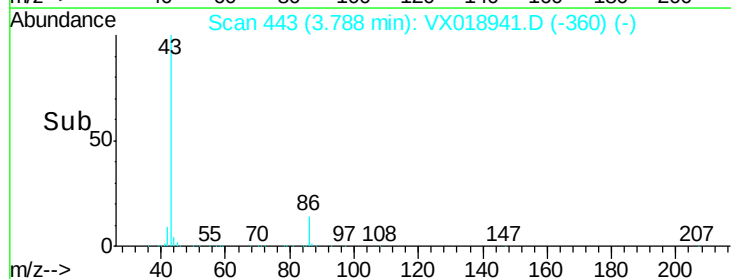
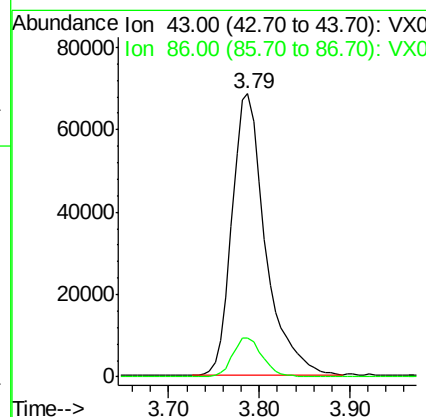
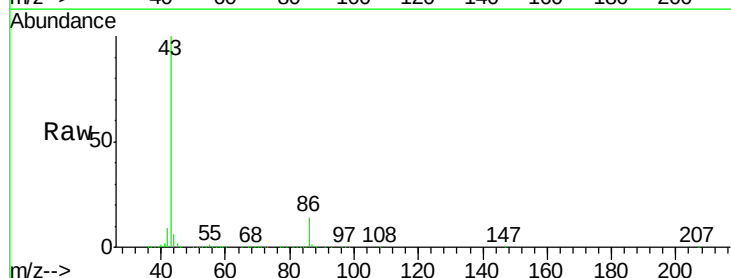
RT: 3.79 min Scan# 443

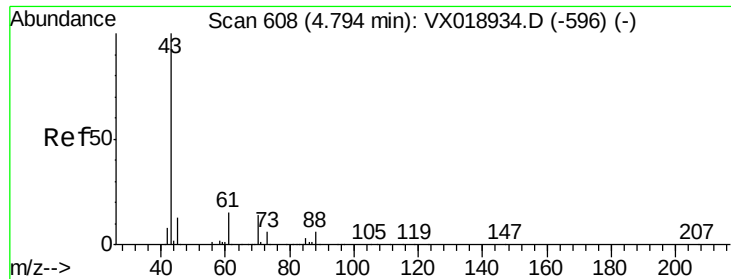
Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	43	Resp:	176060
Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.8	14.8





#43

Ethyl Acetate

Concen: 4.638 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 18978

Ion Ratio Lower Upper

43 100

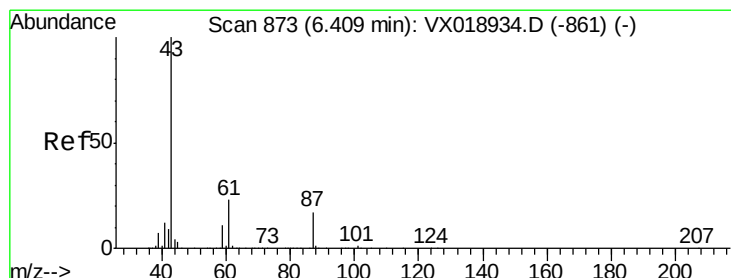
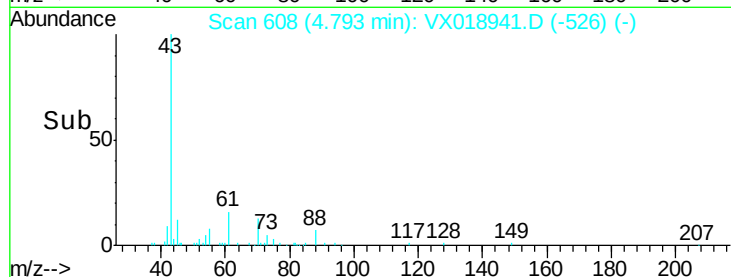
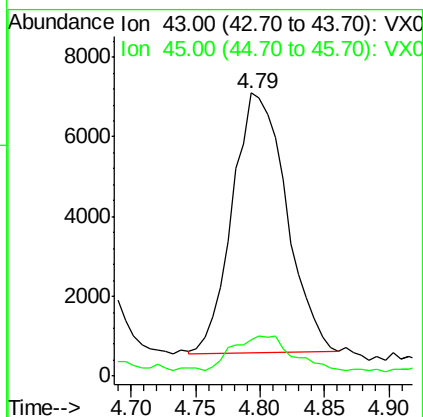
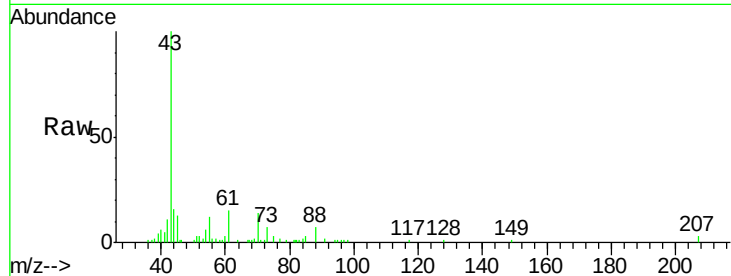
45 15.2 11.5 17.3

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#44

Isopropyl Acetate

Concen: 5.142 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX018941.D

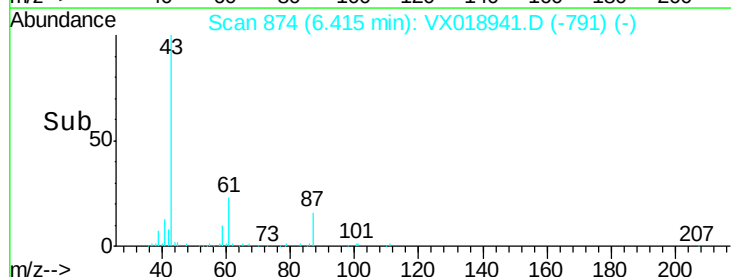
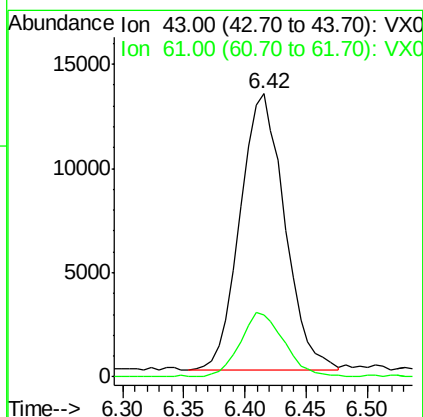
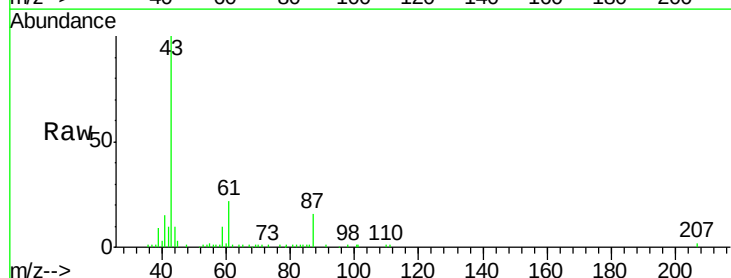
Acq: 15 Oct 2020 18:44

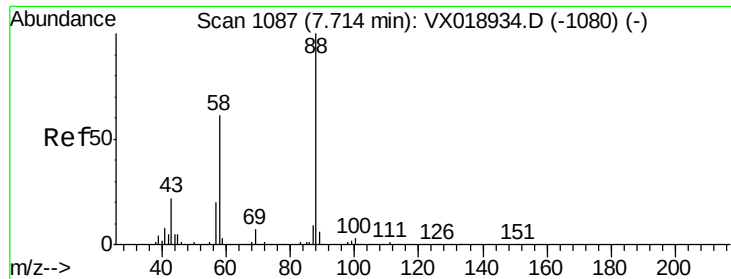
Tgt Ion: 43 Resp: 33788

Ion Ratio Lower Upper

43 100

61 22.9 0.0 0.0#





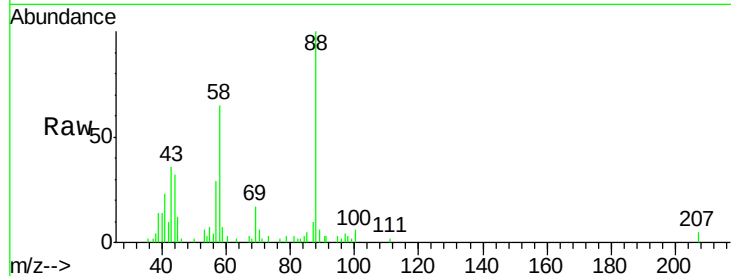
#45
 1,4-Dioxane
 Concen: 100.651 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
88	100	7058		
43	24.8		22.1	33.1
58	68.1		52.1	78.1

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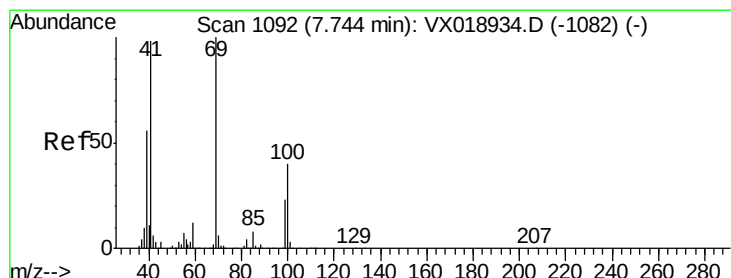
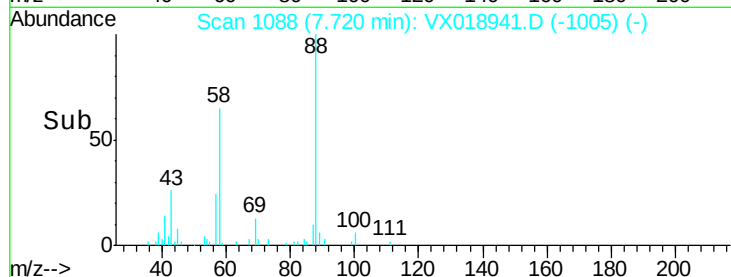
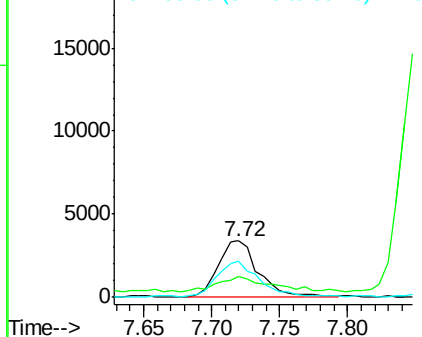


Abundance

Ion 88.00 (87.70 to 88.70): VX0

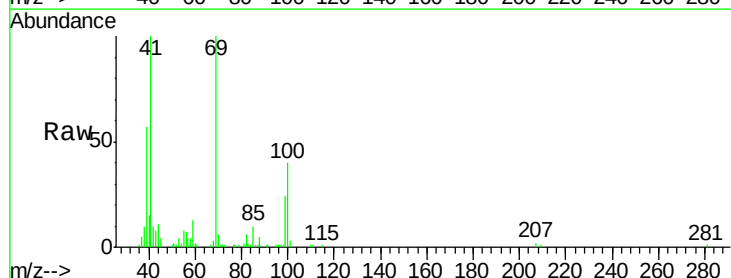
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46
 Methyl methacrylate
 Concen: 5.103 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	15588		
69	101.8		50.8	152.5
39	56.7		28.5	85.6

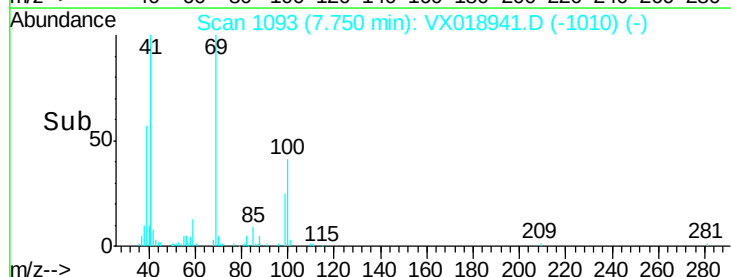
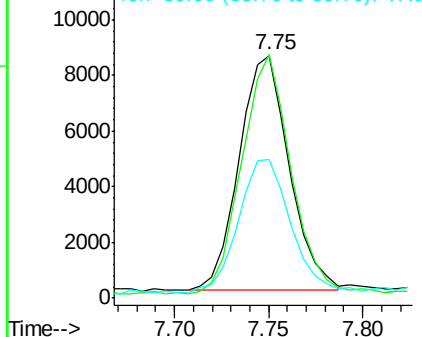


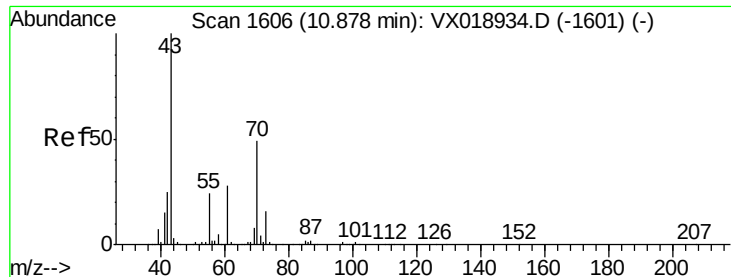
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 4.993 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 27405

Ion Ratio Lower Upper

43 100

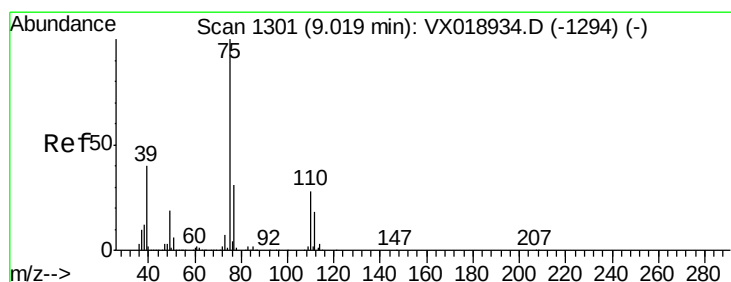
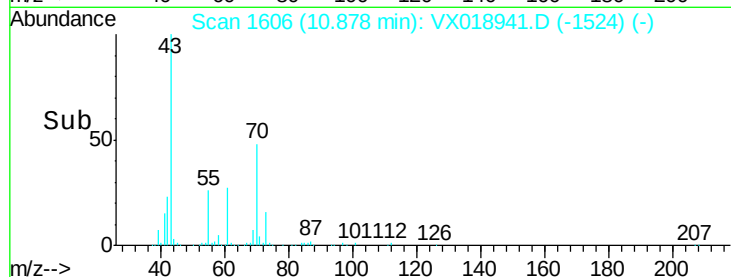
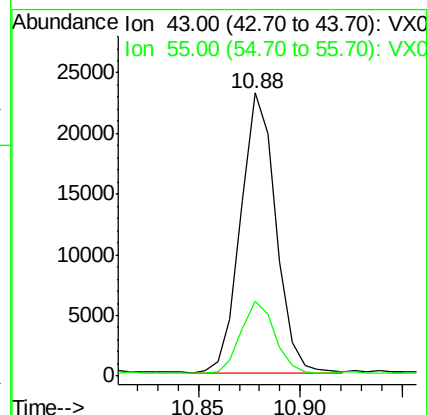
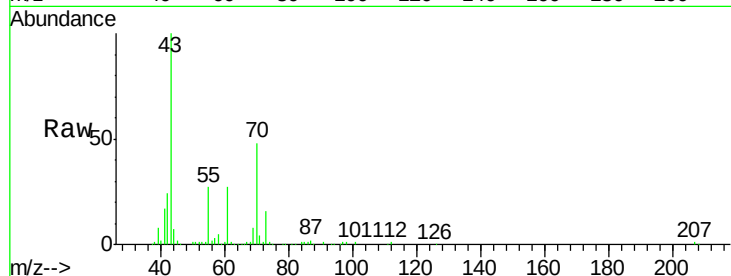
55 24.9 19.9 29.9

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#48

t-1,3-Dichloropropene

Concen: 5.002 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018941.D

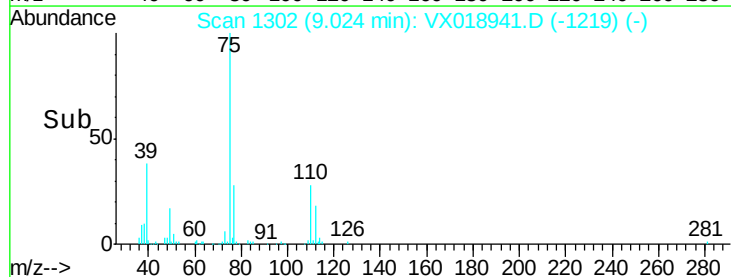
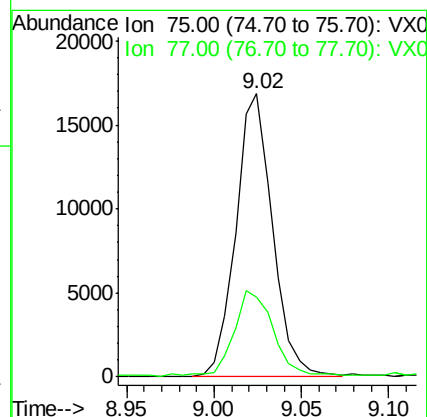
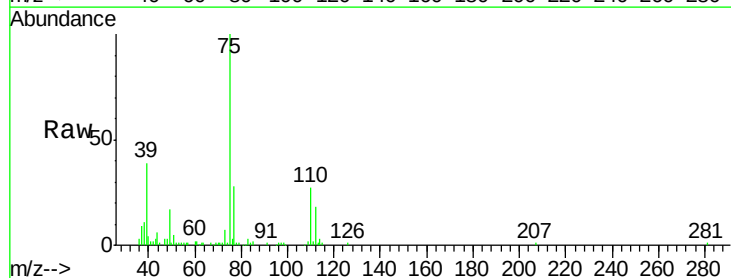
Acq: 15 Oct 2020 18:44

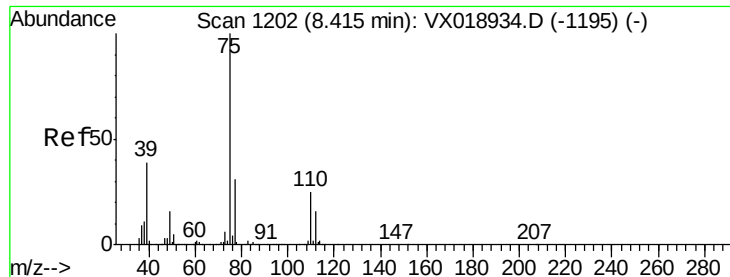
Tgt Ion: 75 Resp: 24557

Ion Ratio Lower Upper

75 100

77 27.2 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 5.013 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

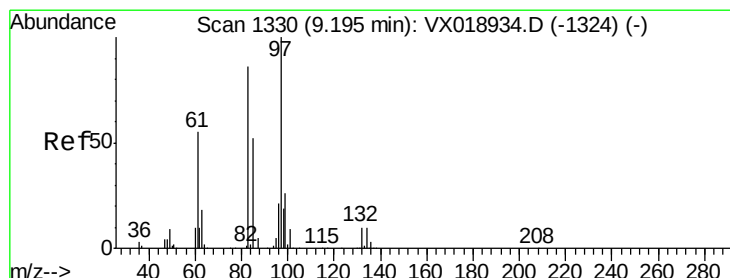
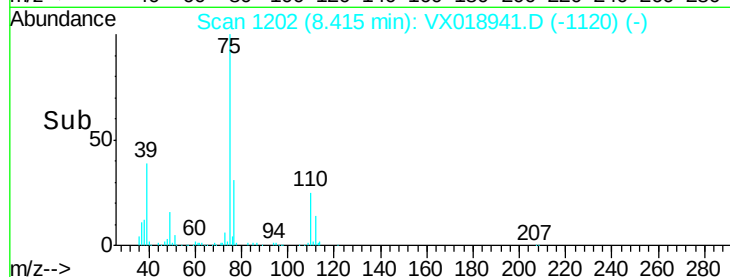
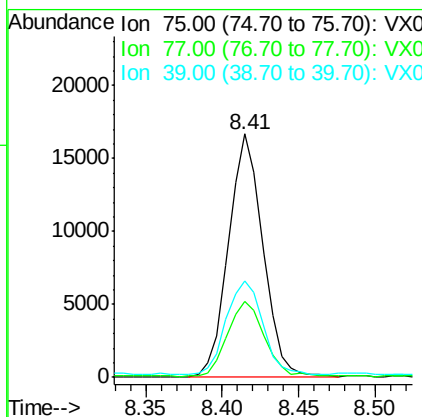
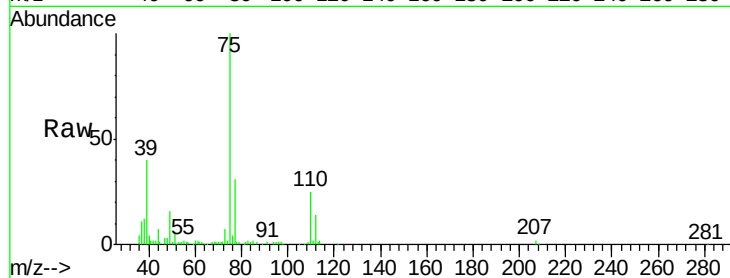
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	75	Resp:	26172
Ion Ratio	Lower	Upper	
75	100		
77	30.6	25.1	37.7
39	38.4	31.5	47.3

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#50

1,1,2-Trichloroethane

Concen: 5.116 ug/l

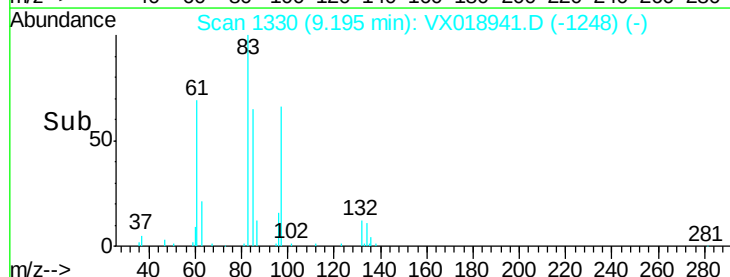
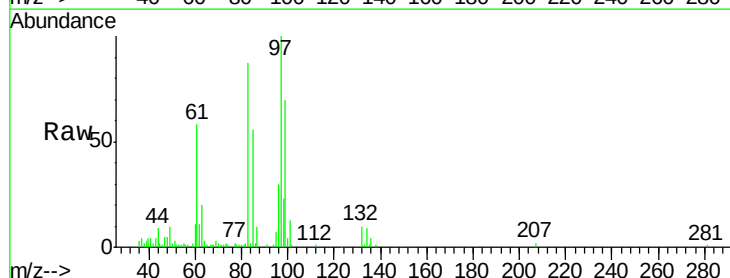
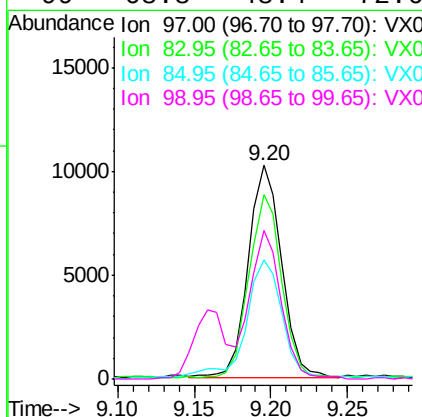
RT: 9.20 min Scan# 1330

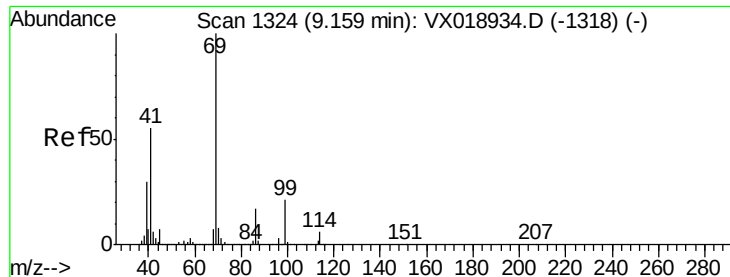
Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	97	Resp:	15506
Ion Ratio	Lower	Upper	
97	100		
83	86.3	68.0	102.0
85	54.7	43.8	65.8
99	68.8	48.4	72.6





#51

Ethyl methacrylate

Concen: 5.027 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

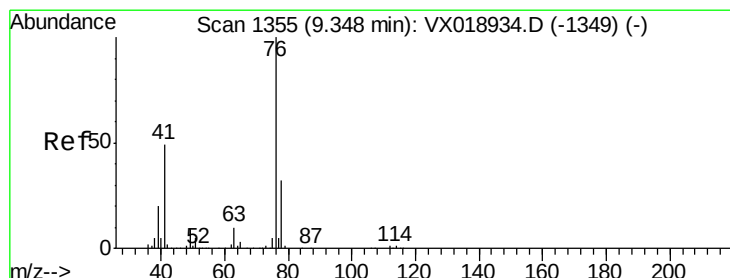
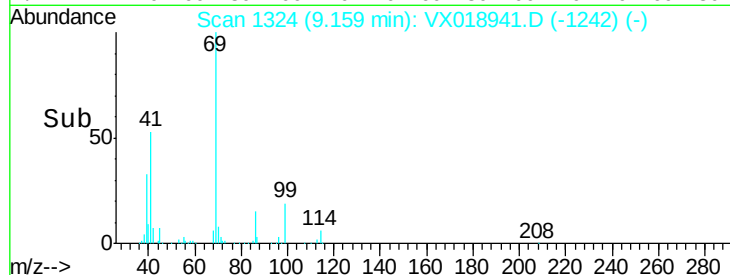
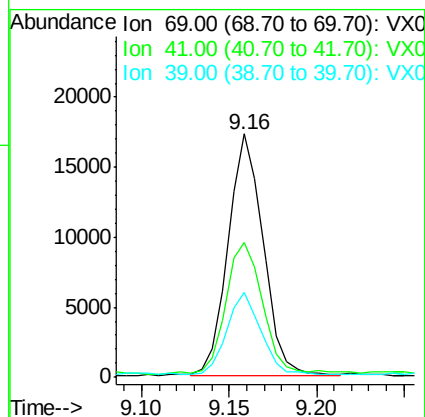
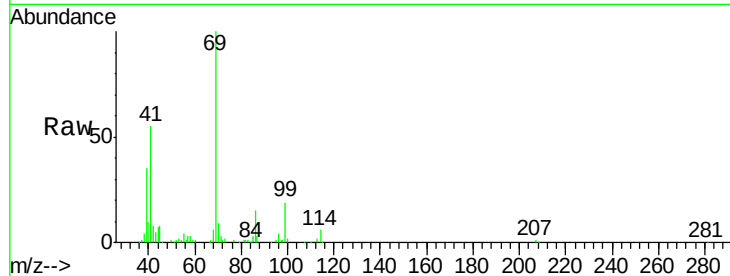
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	69	Resp:	23983
Ion	Ratio	Lower	Upper
69	100		
41	53.9	27.6	82.8
39	34.0	15.0	45.0

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#52

1,3-Dichloropropane

Concen: 5.157 ug/l

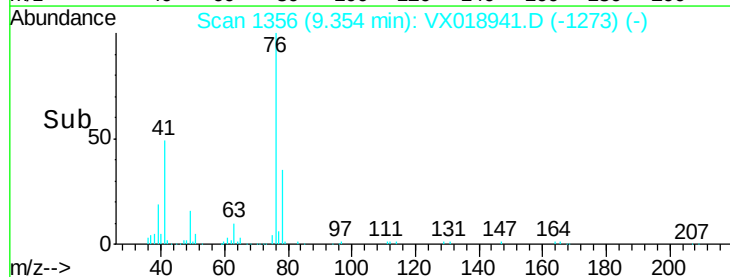
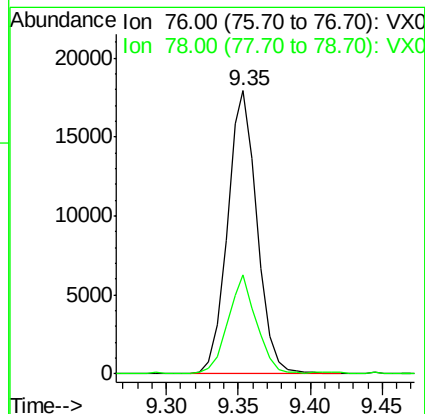
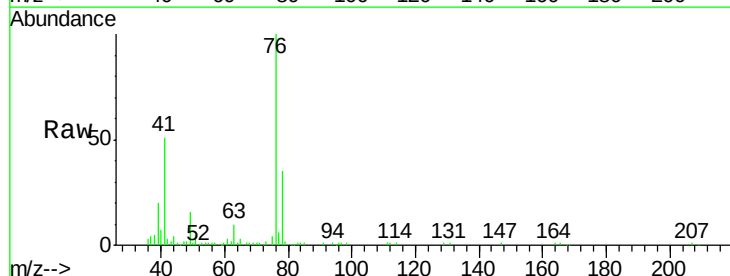
RT: 9.35 min Scan# 1356

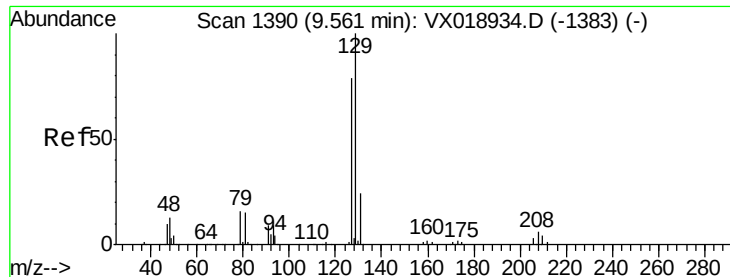
Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	76	Resp:	25794
Ion	Ratio	Lower	Upper
76	100		
78	34.2	0.0	65.2





#53

Dibromochloromethane

Concen: 4.928 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:129 Resp: 17767

Ion Ratio Lower Upper

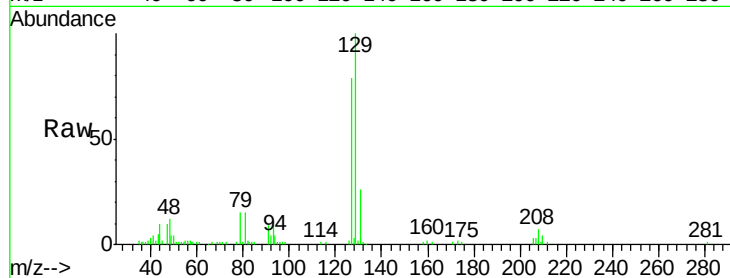
129 100

127 77.0 38.7 116.1

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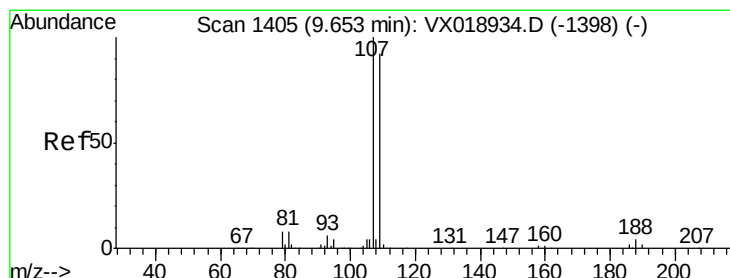
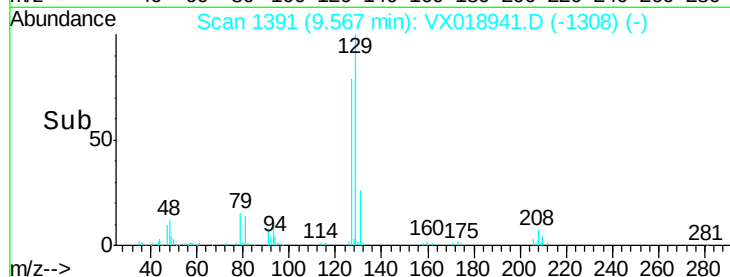
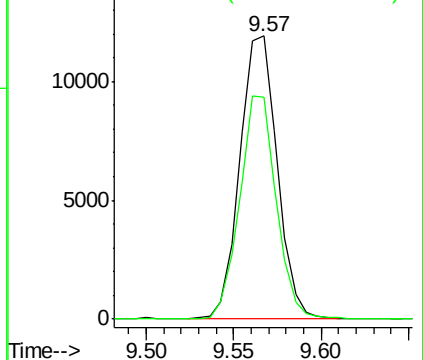
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 5.198 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018941.D

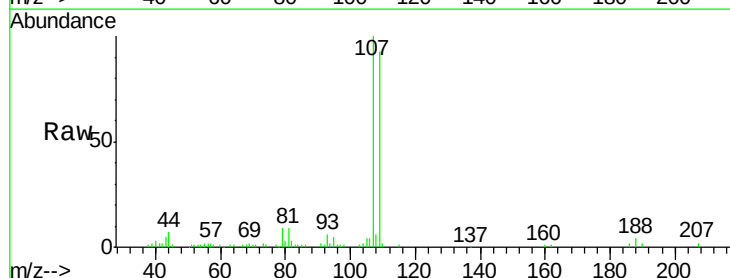
Acq: 15 Oct 2020 18:44

Tgt Ion:107 Resp: 17318

Ion Ratio Lower Upper

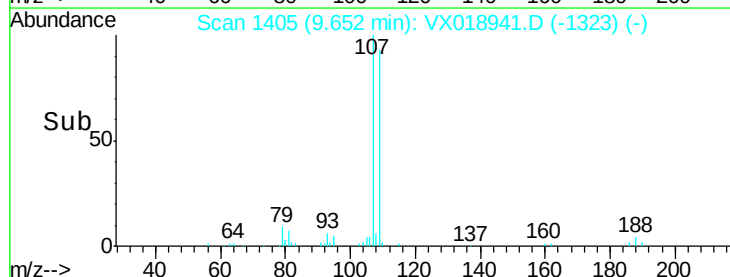
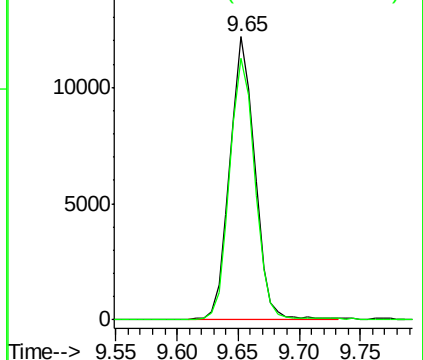
107 100

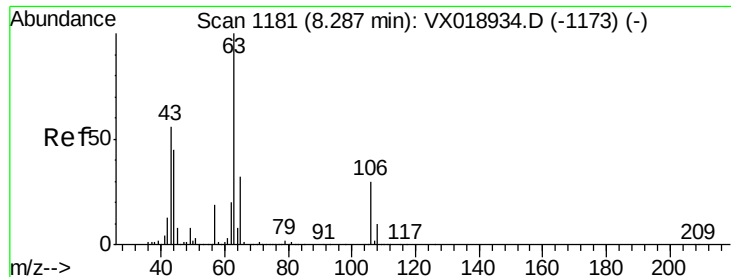
109 92.7 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





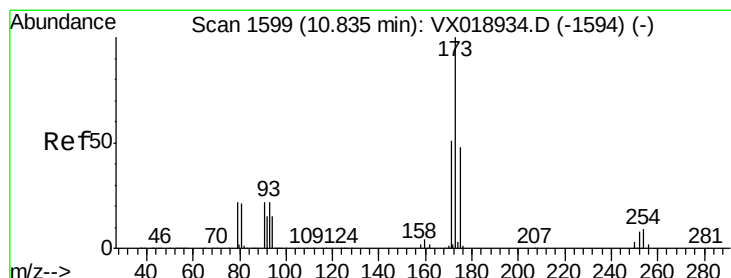
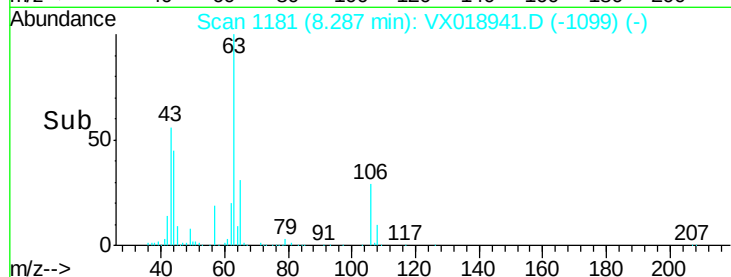
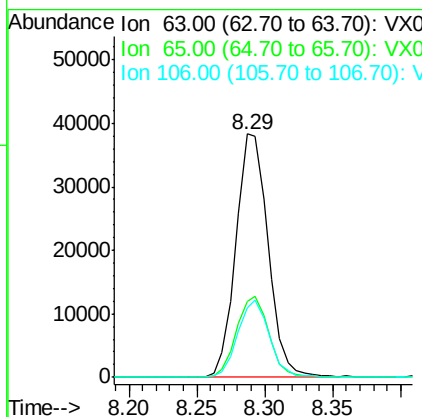
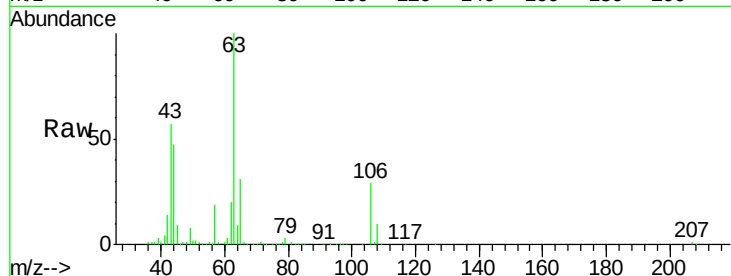
#55
2-Chloroethyl vinyl ether
Concen: 25.228 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.5	25.8	38.6
106	30.9	25.3	37.9

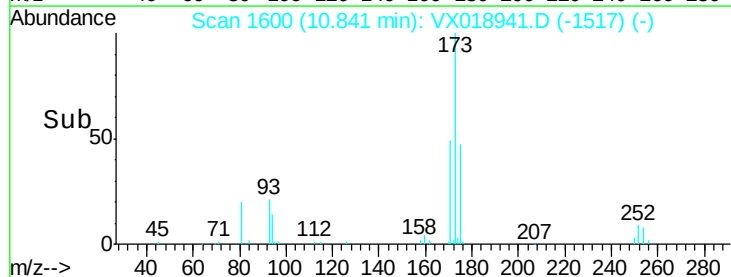
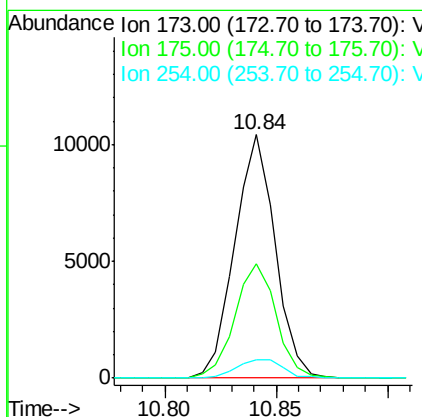
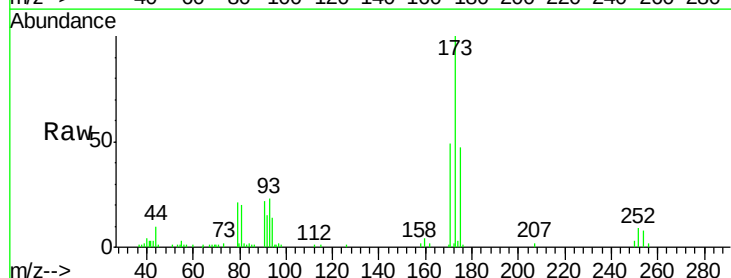
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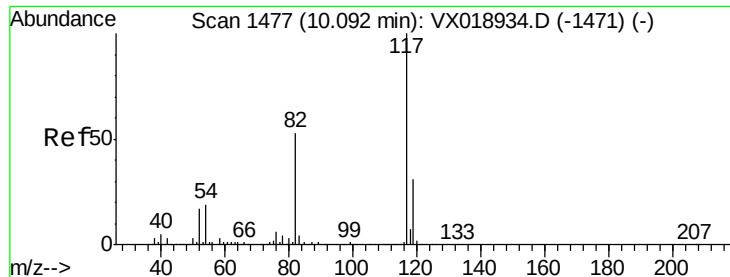
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#56
Bromoform
Concen: 4.732 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.2	58.8
254	8.9	7.5	11.3





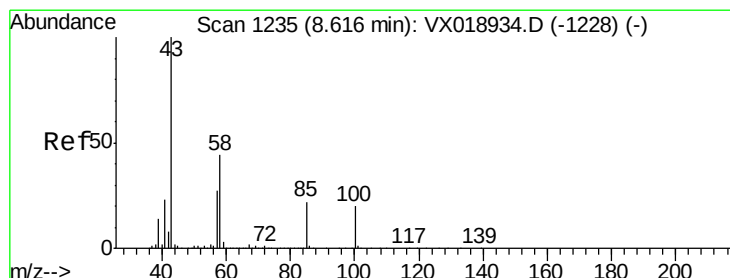
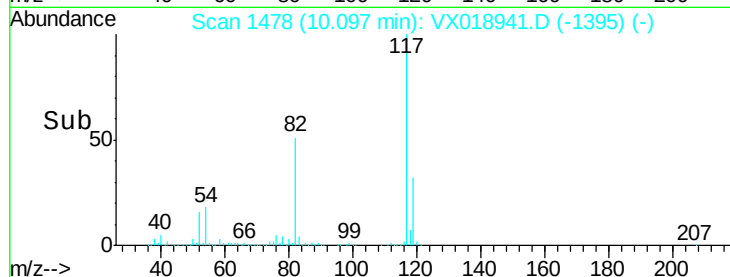
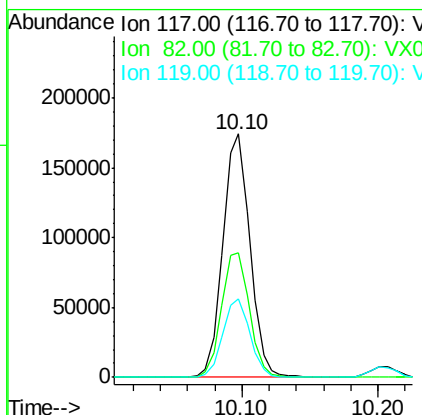
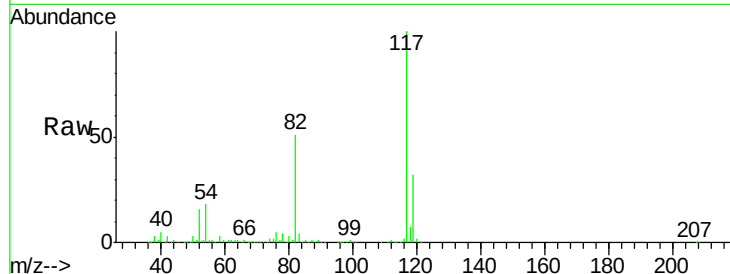
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240901		
82	52.8		41.6	62.4
119	32.3		25.7	38.5

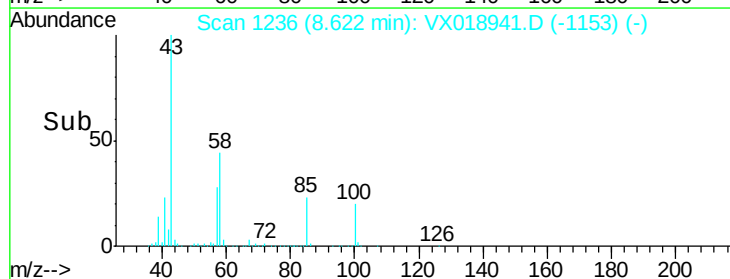
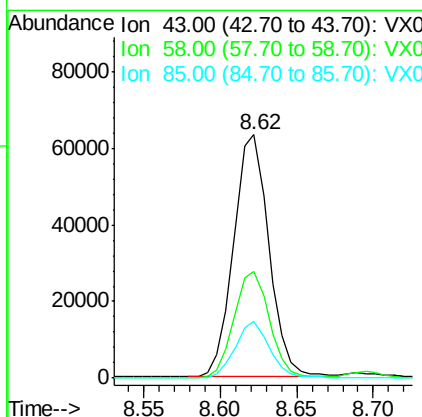
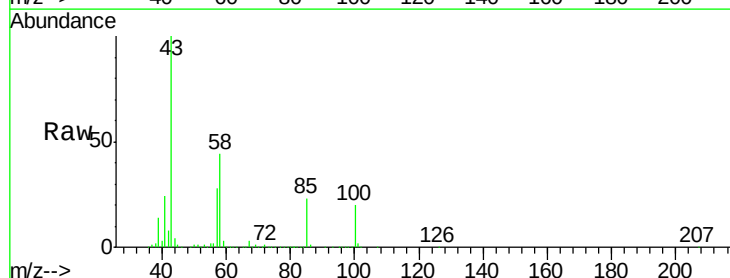
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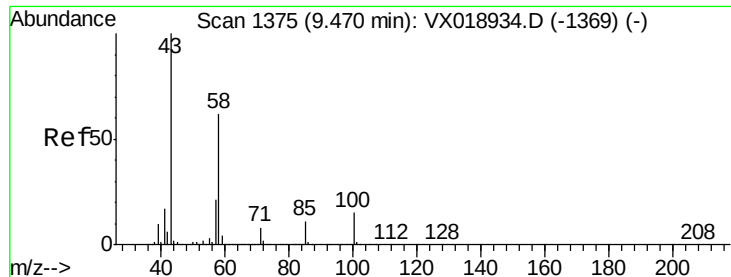
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#58
4-Methyl-2-Pentanone
Concen: 26.231 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	100837		
58	44.8		35.4	53.2
85	22.9		18.0	27.0





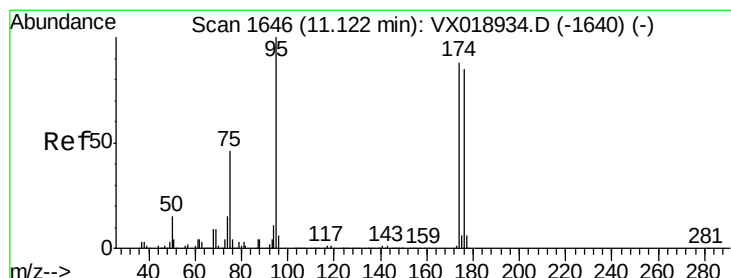
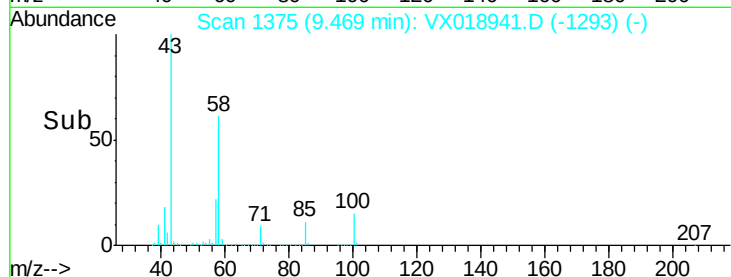
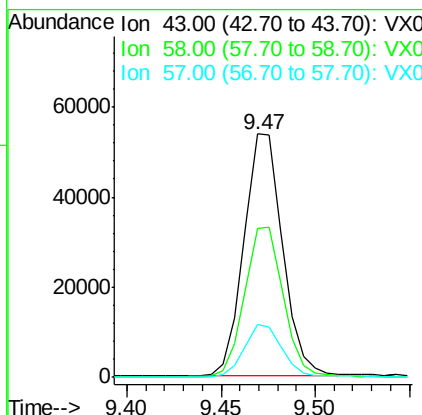
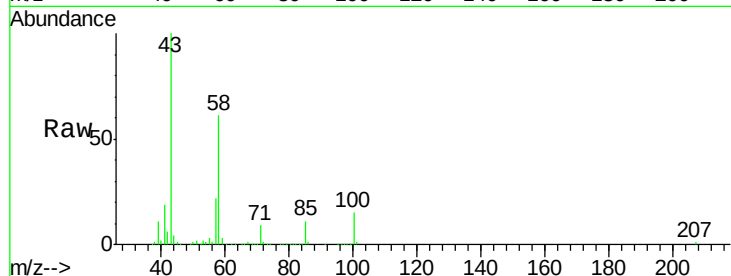
#59
2-Hexanone
Concen: 26.015 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.5	49.7	74.5
57	21.0	16.9	25.3

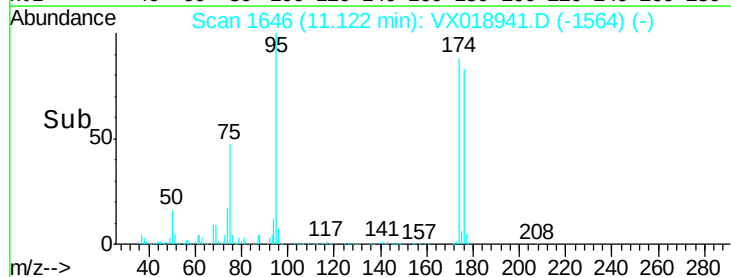
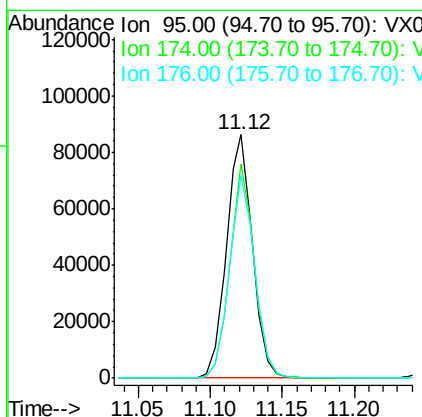
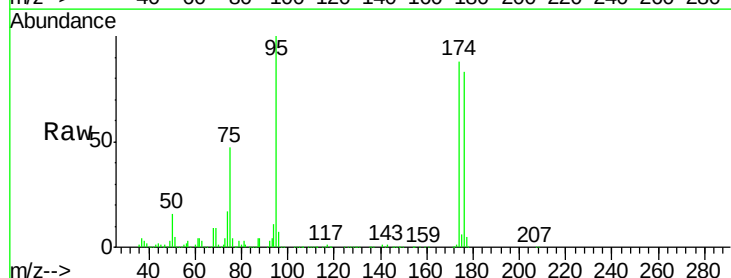
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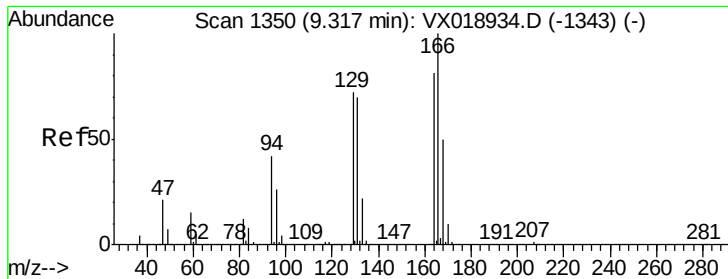
apatel
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#60
4-Bromofluorobenzene
Concen: 29.263 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.3	67.0	100.4
176	80.8	64.5	96.7





#61

Tetrachloroethene

Concen: 4.817 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:164 Resp: 14269

Ion Ratio Lower Upper

164 100

166 128.6 99.4 149.0

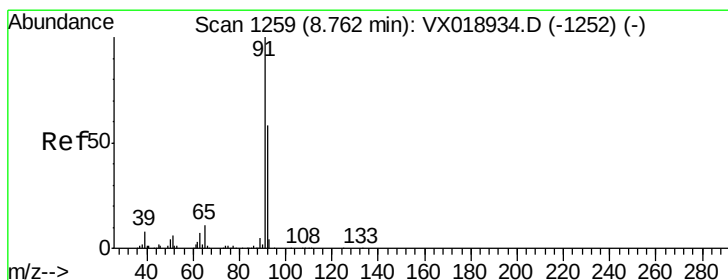
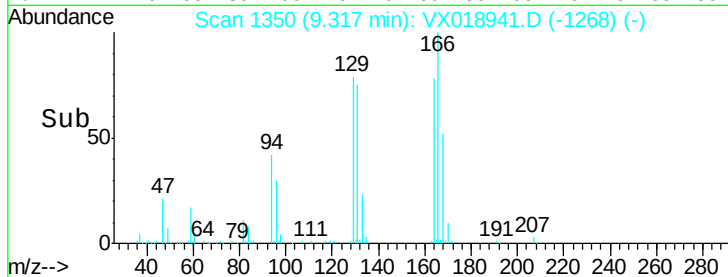
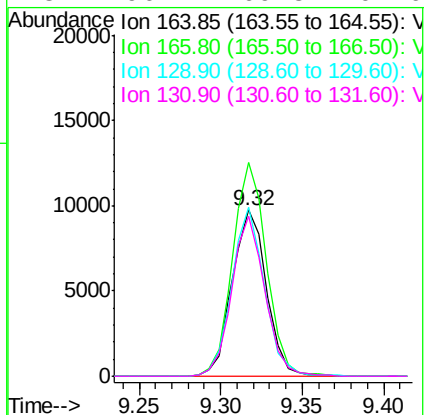
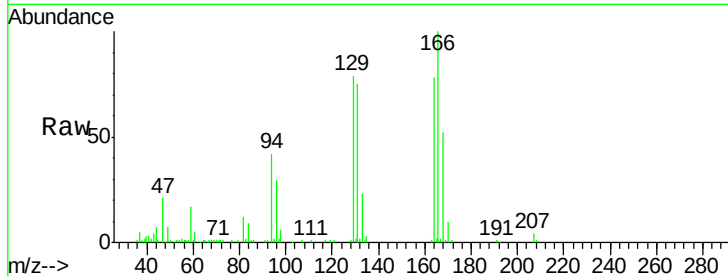
129 101.6 71.8 107.6

131 96.1 69.8 104.6

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#62

Toluene

Concen: 5.132 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018941.D

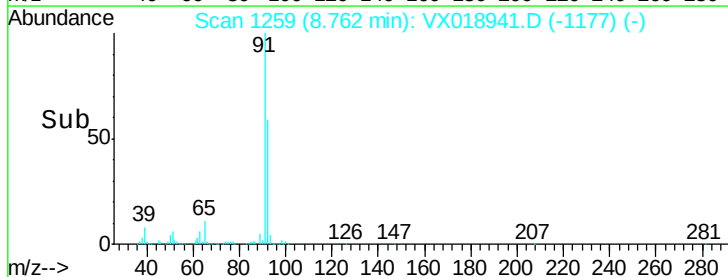
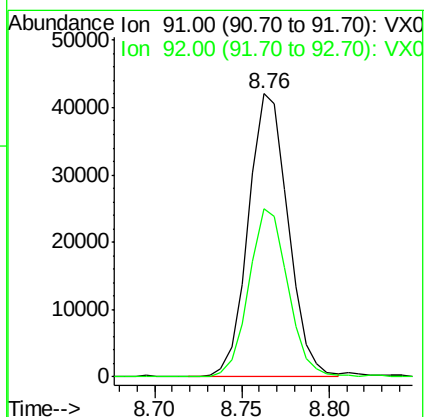
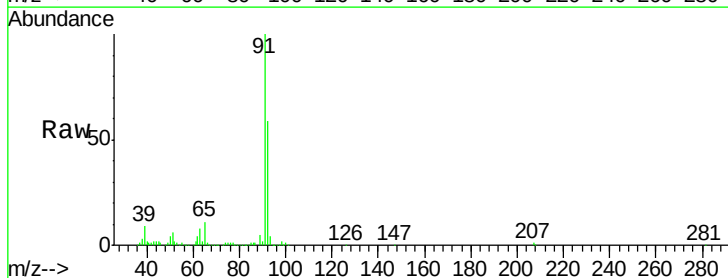
Acq: 15 Oct 2020 18:44

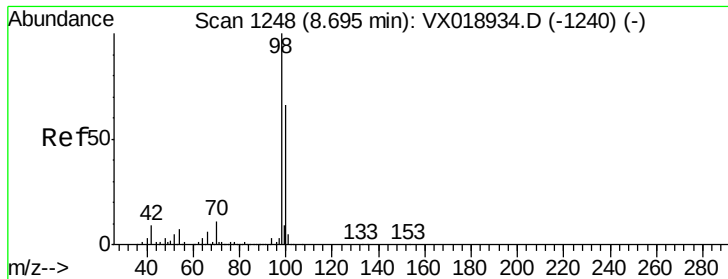
Tgt Ion: 91 Resp: 66245

Ion Ratio Lower Upper

91 100

92 58.6 47.1 70.7





#63

Toluene-d8

Concen: 30.822 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 98 Resp: 324357

Ion Ratio Lower Upper

98 100

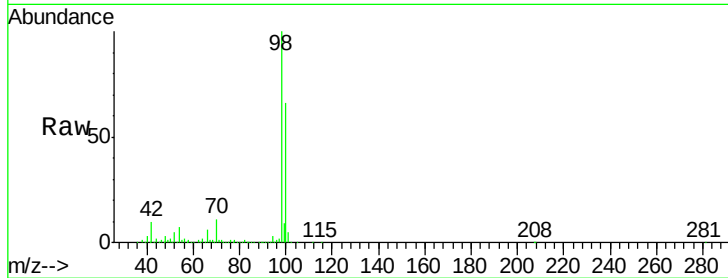
100 65.7 53.2 79.8

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Abundance Ion 98.00 (97.70 to 98.70): VX018934.D (-1240) (-)

Ion 100.00 (99.70 to 100.70): VX018934.D (-1240) (-)

250000

200000

150000

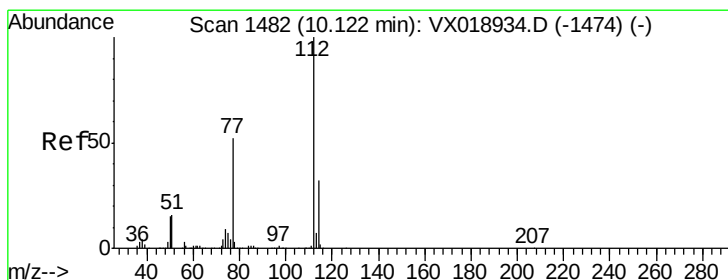
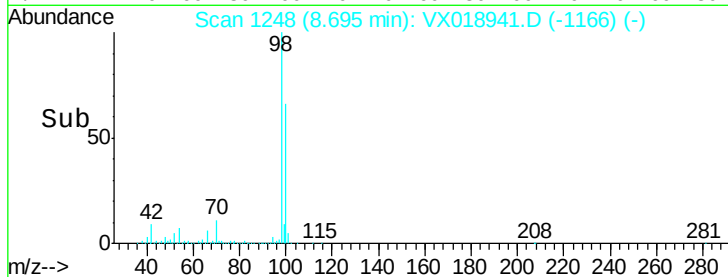
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 5.104 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018941.D

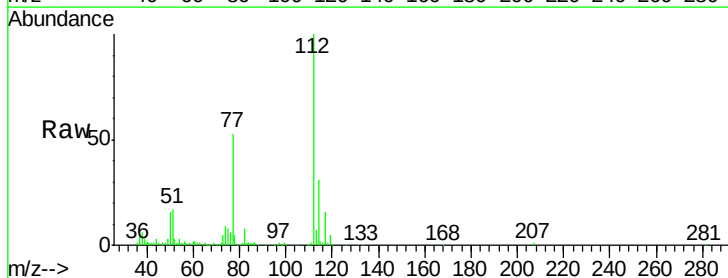
Acq: 15 Oct 2020 18:44

Tgt Ion: 112 Resp: 41908

Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VX018934.D (-1474) (-)

Ion 114.00 (113.70 to 114.70): VX018934.D (-1474) (-)

30000

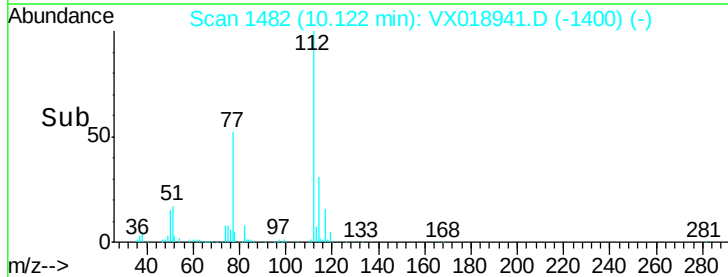
20000

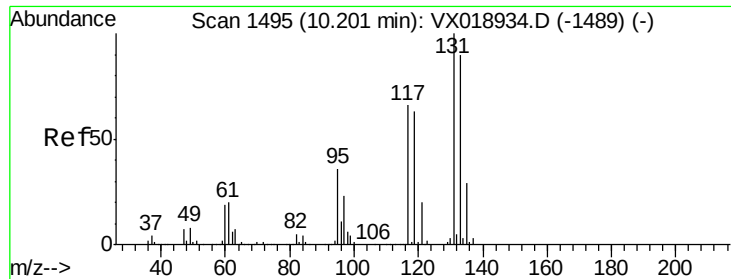
10000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 5.092 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

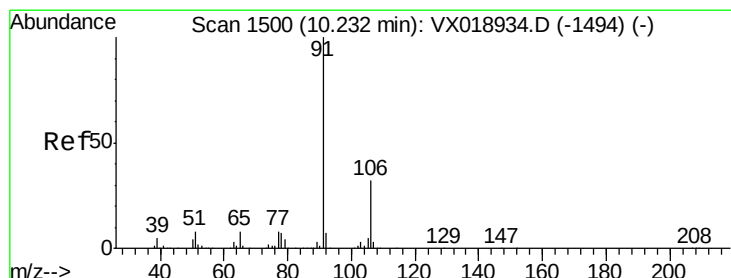
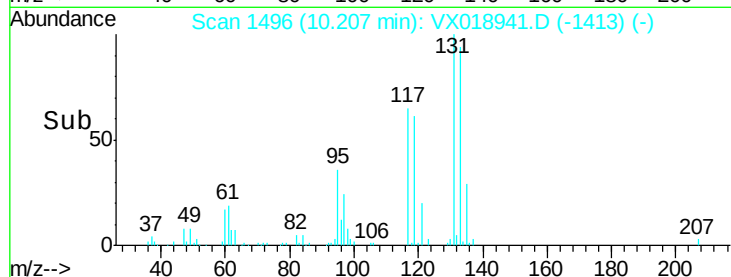
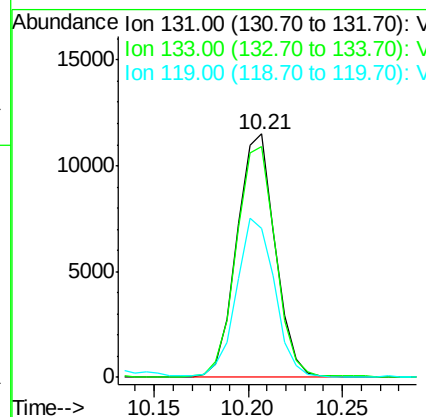
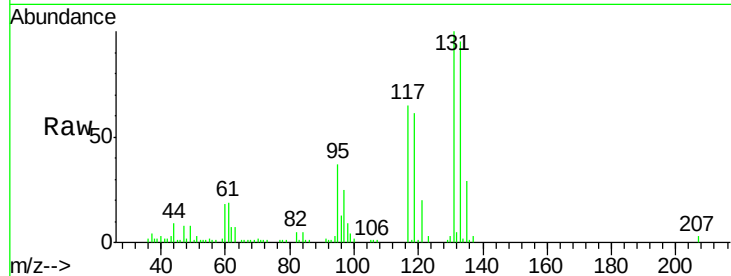
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	131	Resp:	16228
Ion	Ratio	Lower	Upper
131	100		
133	97.1	0.0	188.8
119	65.3	0.0	127.2

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#66

Ethyl Benzene

Concen: 5.054 ug/l

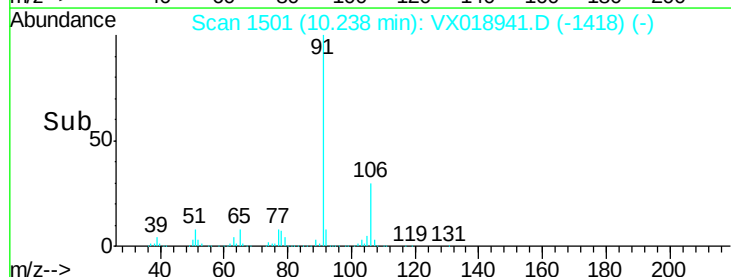
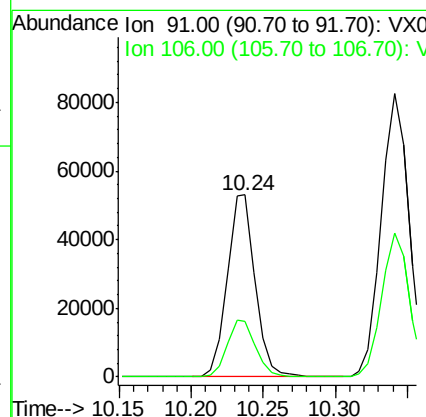
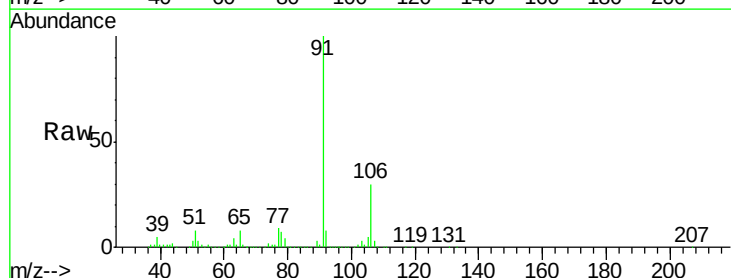
RT: 10.24 min Scan# 1501

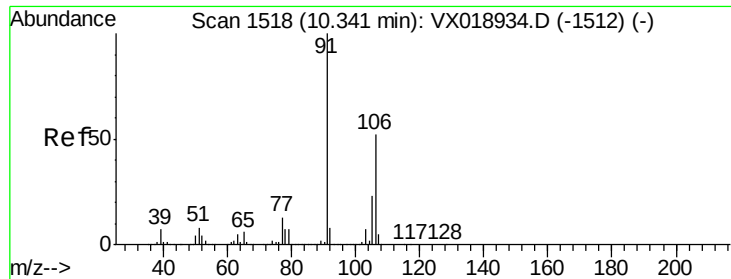
Delta R.T. 0.01 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	91	Resp:	72298
Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.3	37.9





#67

m/p-Xylenes

Concen: 9.919 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:106 Resp: 55592

Ion Ratio Lower Upper

106 100

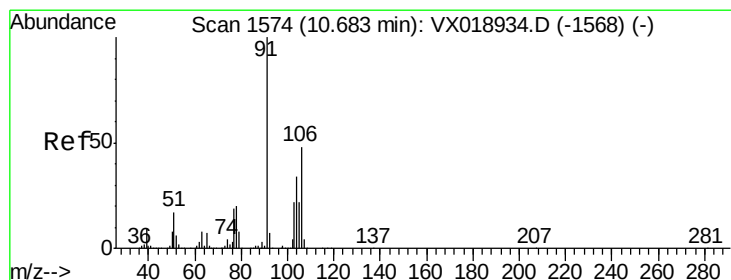
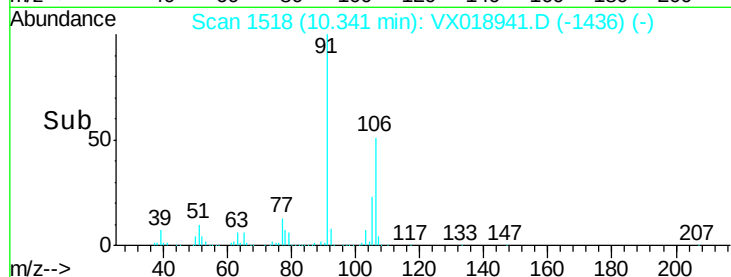
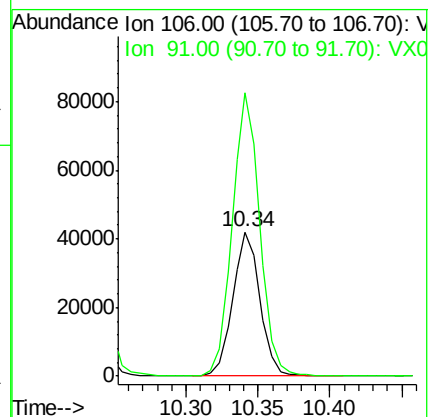
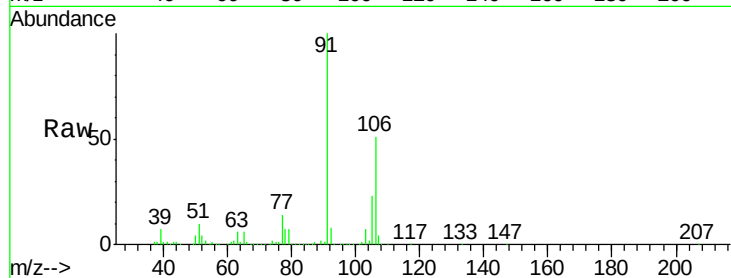
91 198.1 155.7 233.5

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#68

o-Xylene

Concen: 5.030 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018941.D

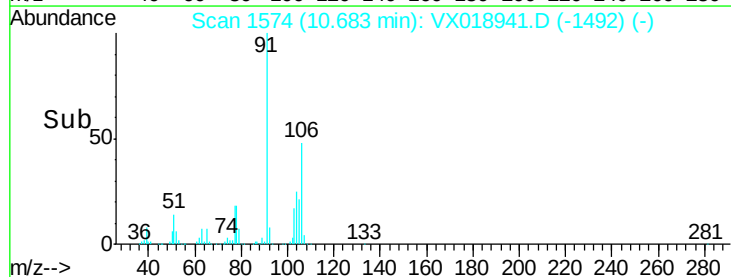
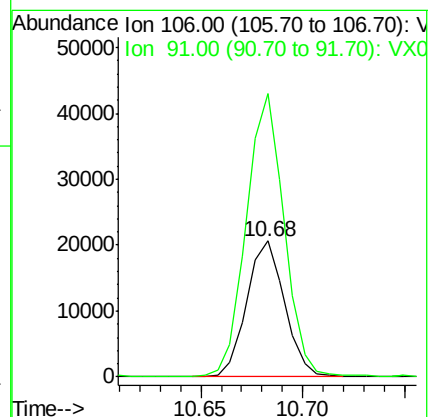
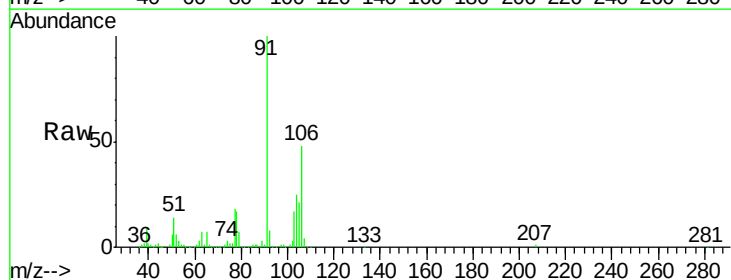
Acq: 15 Oct 2020 18:44

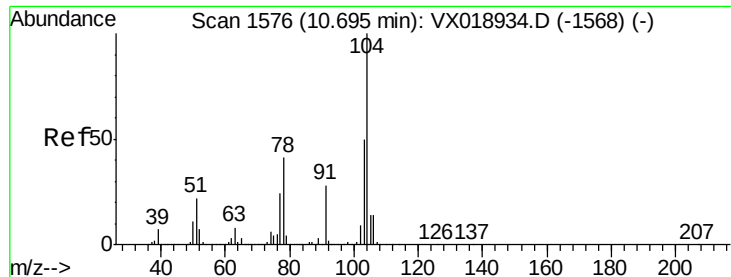
Tgt Ion:106 Resp: 26661

Ion Ratio Lower Upper

106 100

91 205.5 103.3 309.9





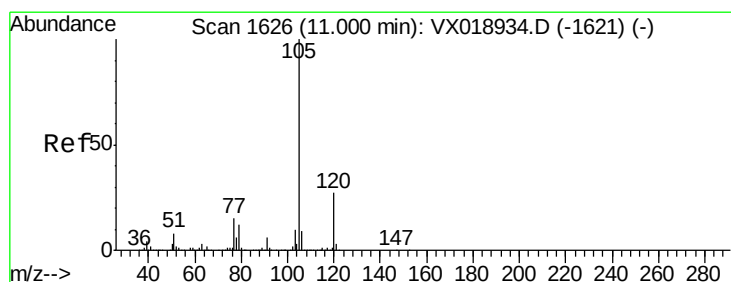
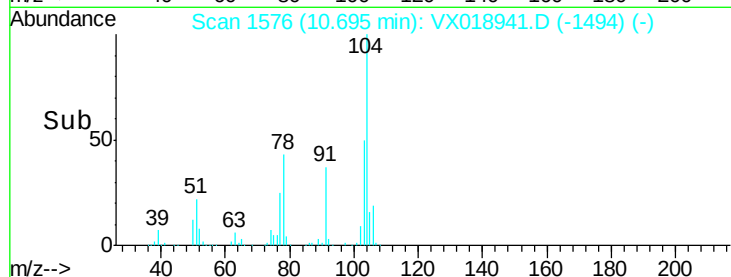
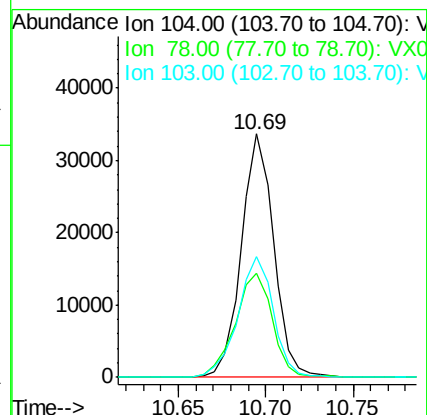
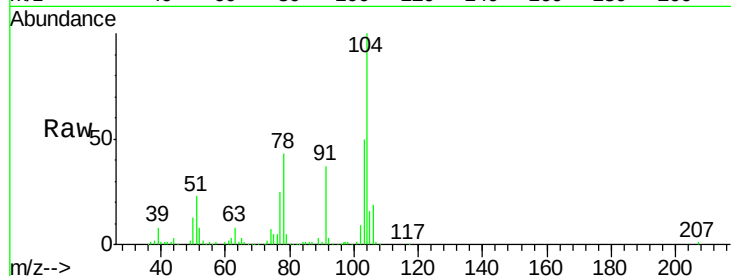
#69
Stvrene
Concen: 4.783 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	37.8	56.6
103	54.5	44.1	66.1

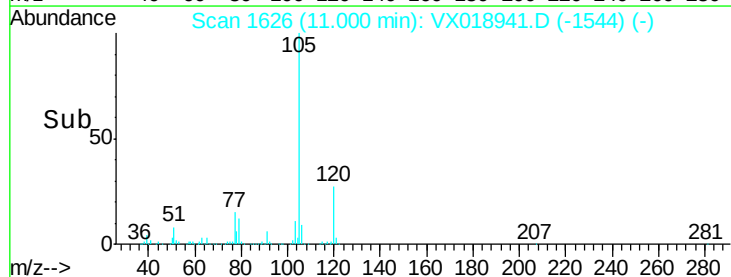
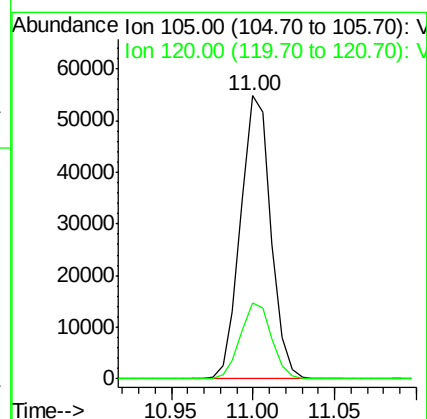
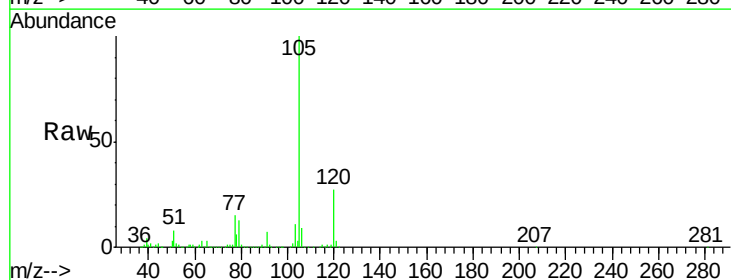
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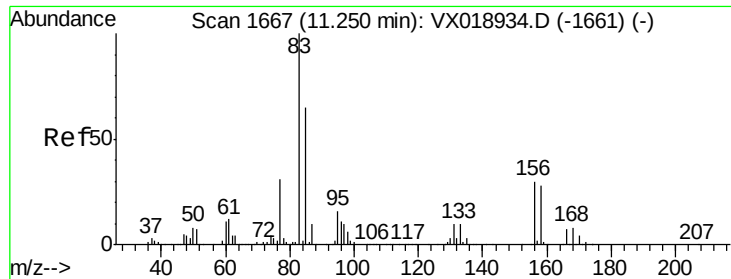
apatel
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#70
Isopropylbenzene
Concen: 5.043 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	19.4	36.0





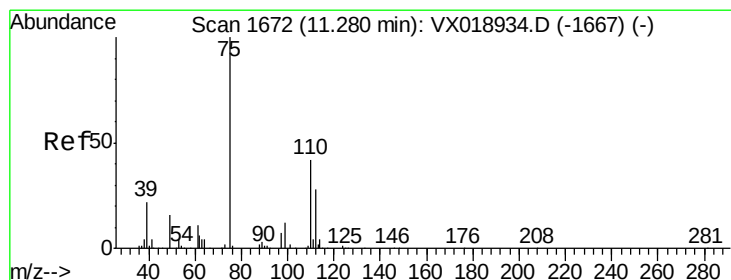
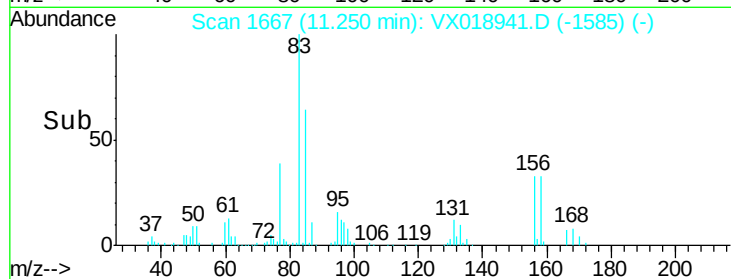
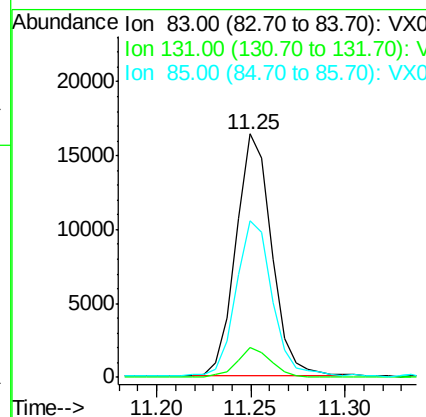
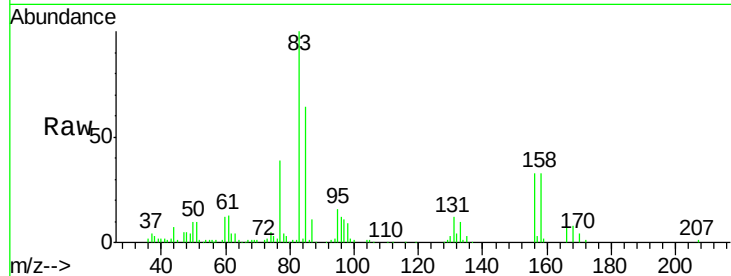
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.911 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	83	Resp	21542
Ion Ratio	100	Lower	Upper
83	100		
131	11.5	5.3	16.1
85	65.6	32.3	96.8

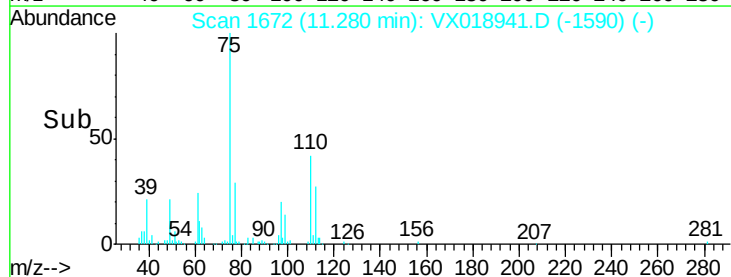
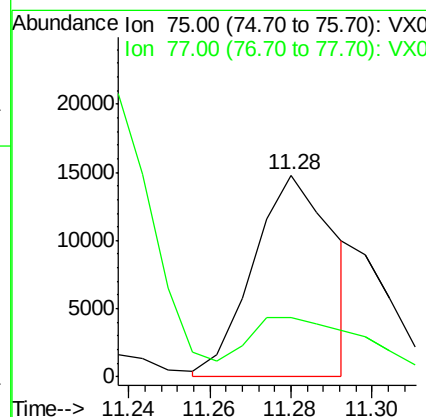
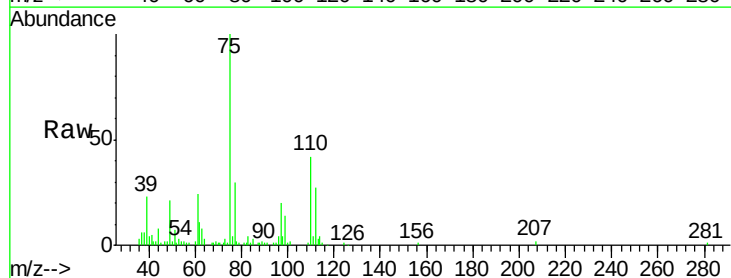
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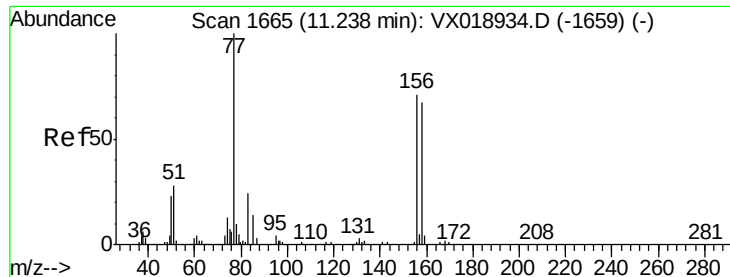
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 4.982 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion	75	Resp	20420
Ion Ratio	100	Lower	Upper
75	100		
77	43.4	0.0	75.8





#73

Bromobenzene

Concen: 4.789 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

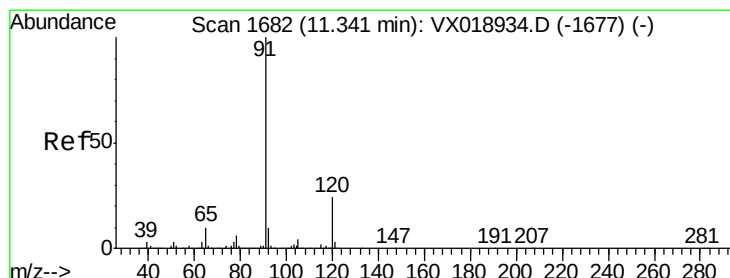
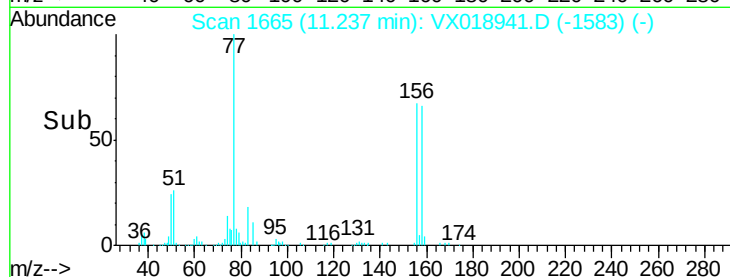
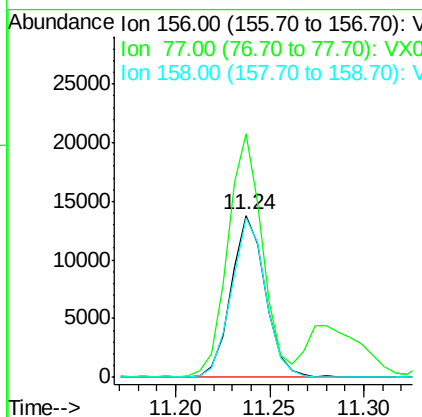
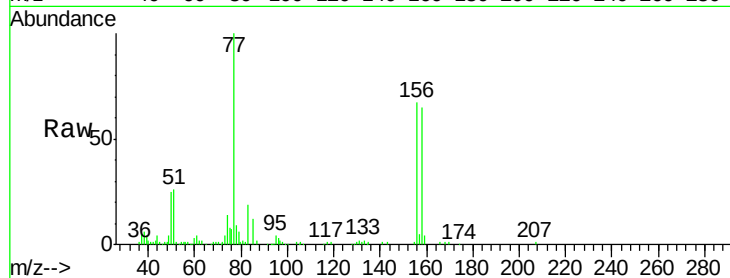
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	156	Resp:	17366
Ion Ratio	Lower	Upper	
156	100		
77	150.9	0.0	288.2
158	98.1	0.0	189.2

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#74

n-propylbenzene

Concen: 4.840 ug/l

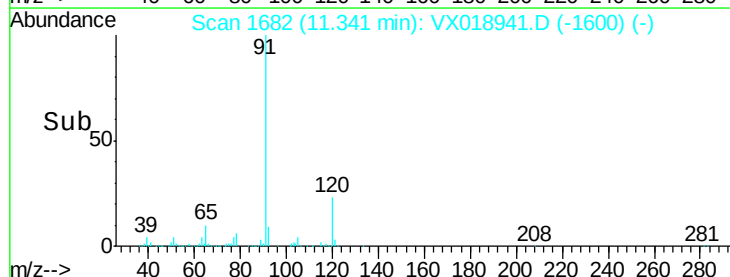
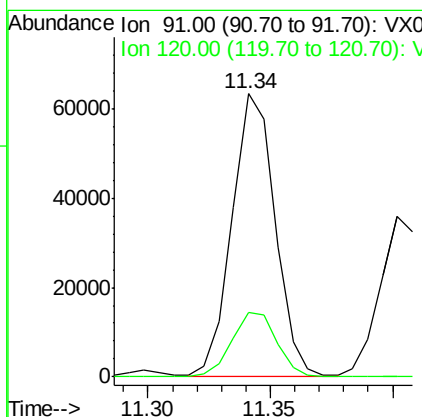
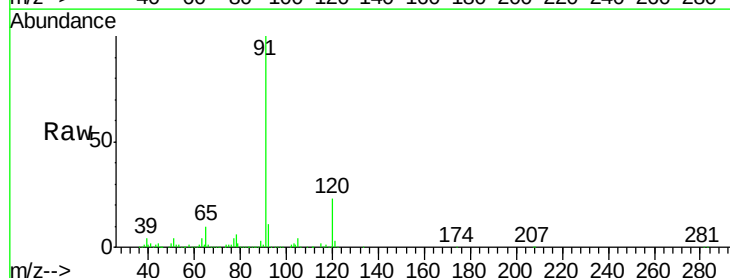
RT: 11.34 min Scan# 1682

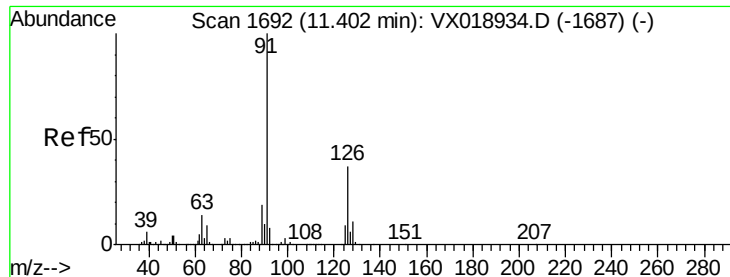
Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	91	Resp:	77637
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	48.4





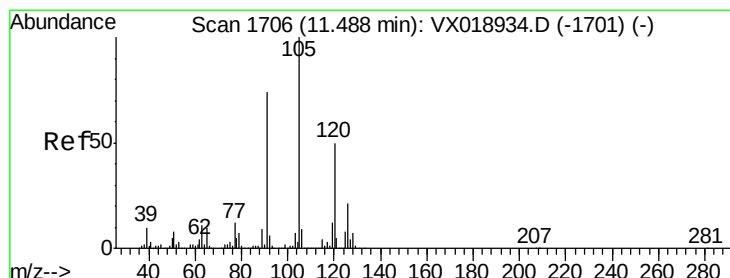
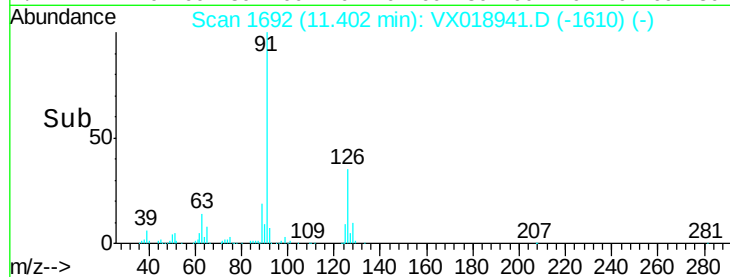
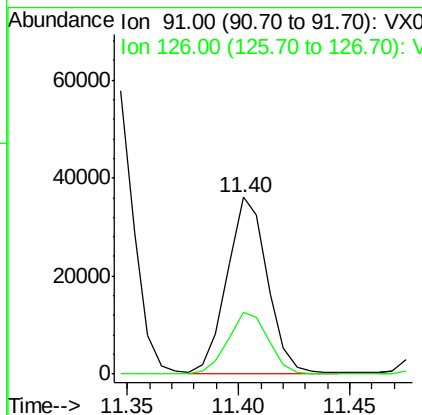
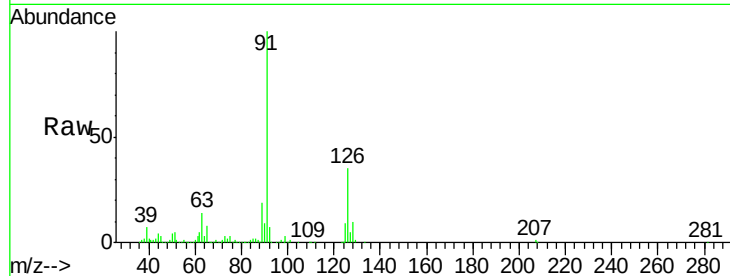
#75
 2-Chlorotoluene
 Concen: 4.880 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 91 Resp: 45249
 Ion Ratio Lower Upper
 91 100
 126 35.5 0.0 70.8

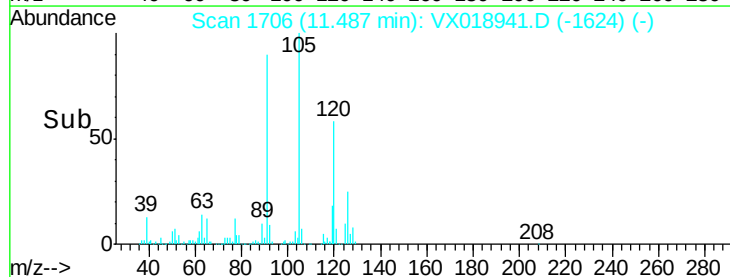
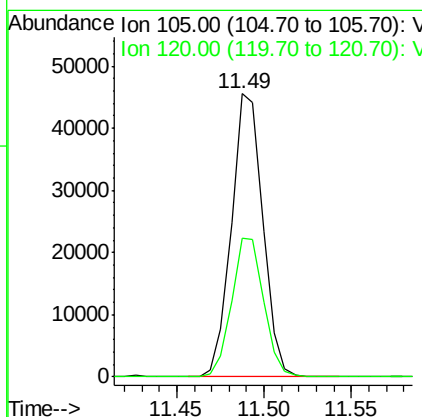
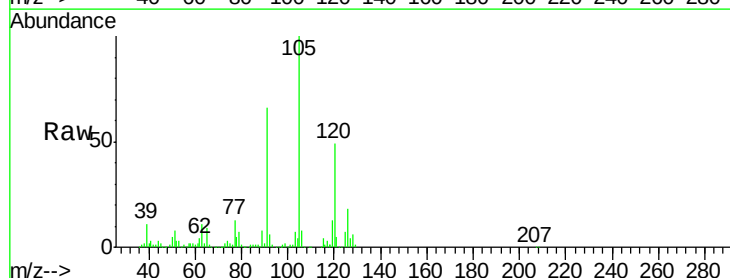
Manual Integrations
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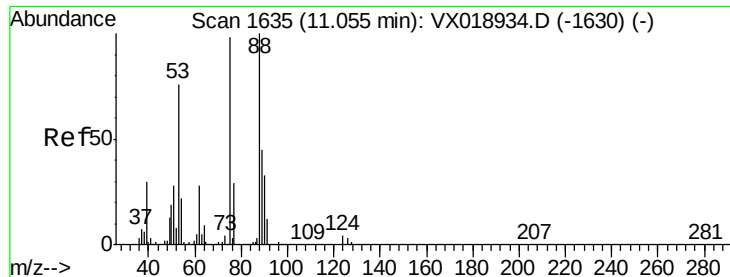
apatel
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#76
 1,3,5-Trimethylbenzene
 Concen: 4.845 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion: 105 Resp: 57139
 Ion Ratio Lower Upper
 105 100
 120 49.9 0.0 101.6





#77

t-1,4-Dichloro-2-butene

Concen: 4.786 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

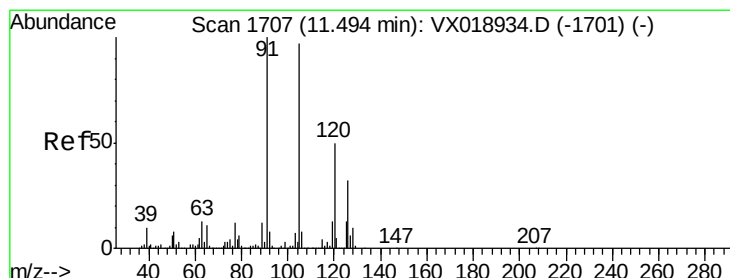
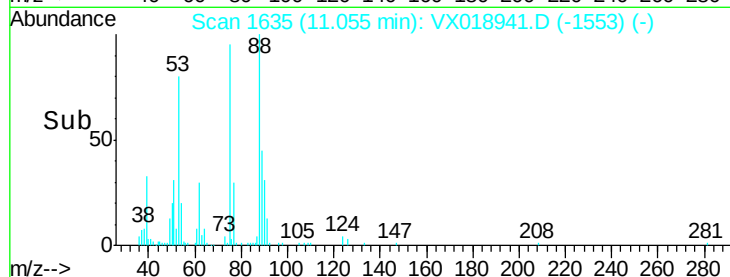
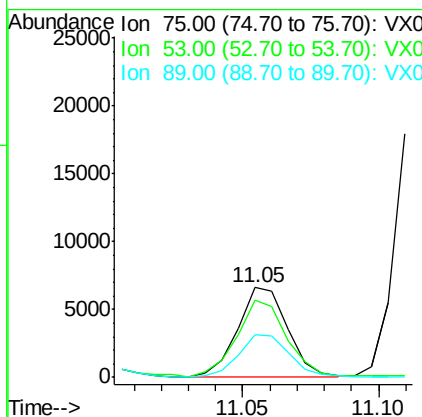
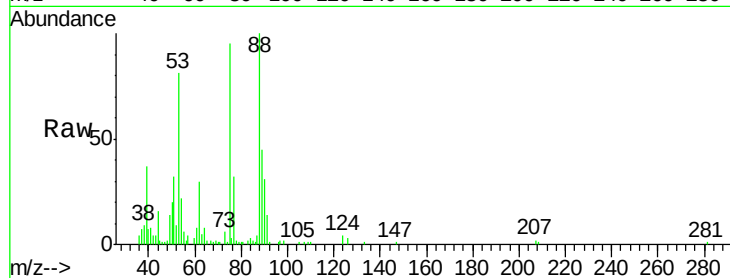
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	75	Resp:	8492
Ion	Ratio	Lower	Upper
75	100		
53	86.0	38.8	116.3
89	47.2	22.9	68.8

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#78

4-Chlorotoluene

Concen: 4.716 ug/l

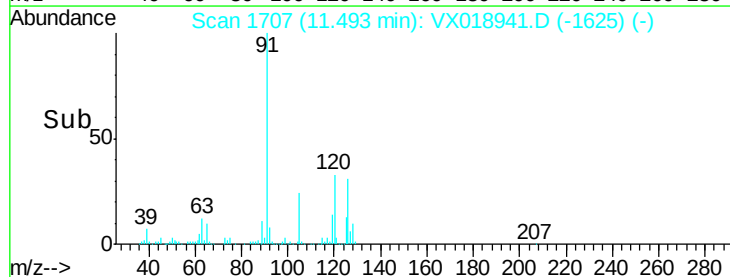
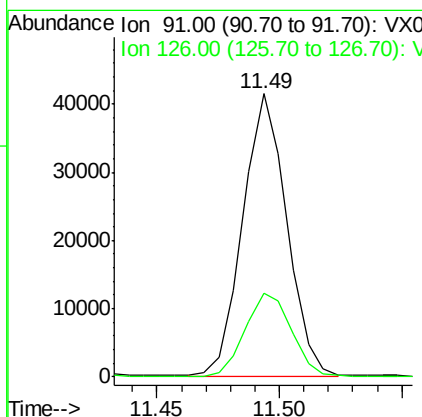
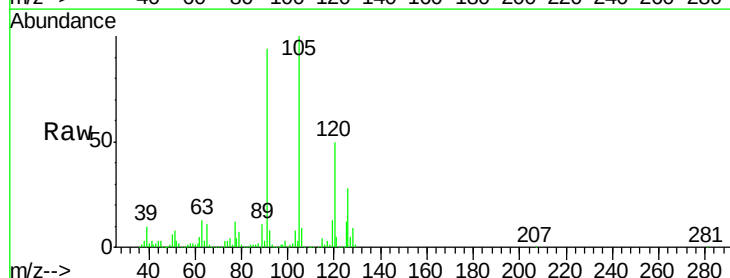
RT: 11.49 min Scan# 1707

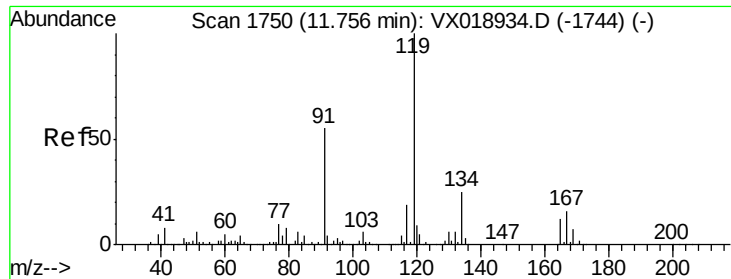
Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	91	Resp:	51493
Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	63.6





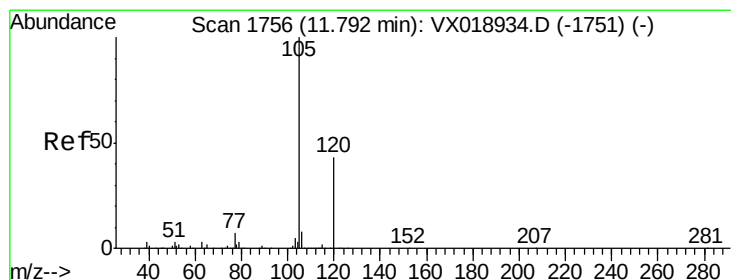
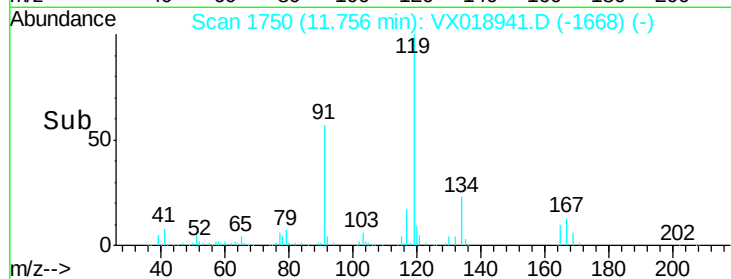
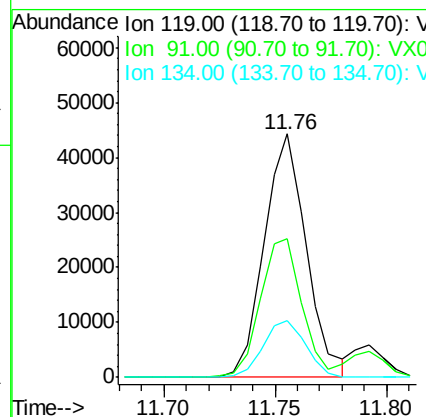
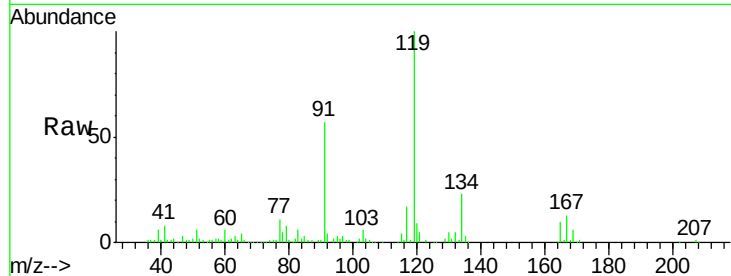
#79
tert-butylbenzene
Concen: 4.880 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	58291		
91	55.3		0.0	110.0
134	23.4		0.0	47.4

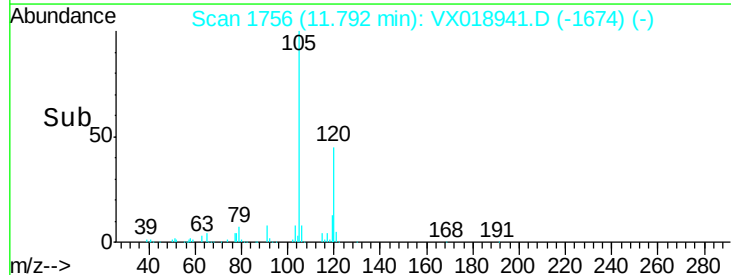
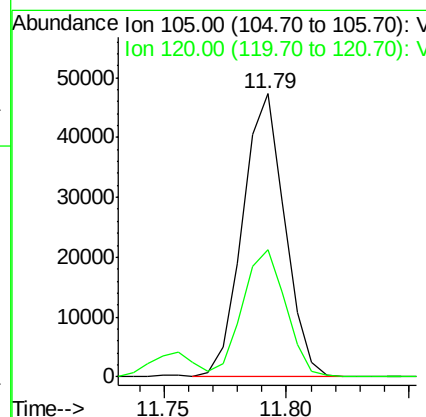
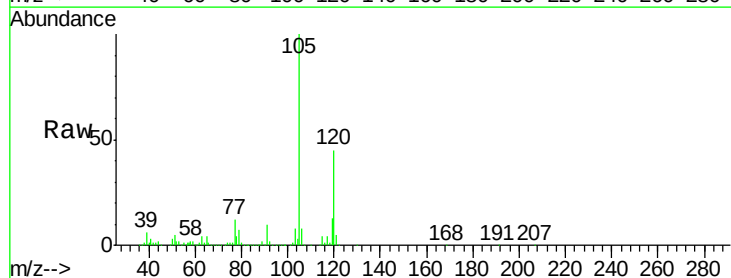
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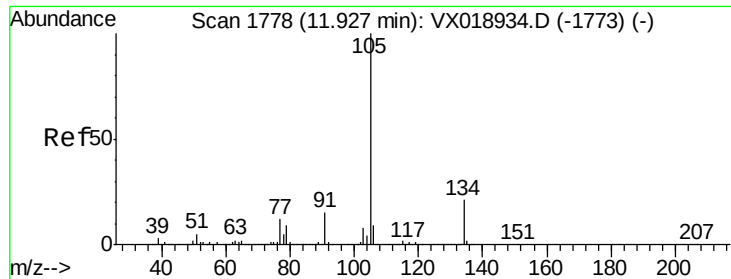
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#80
1,2,4-Trimethylbenzene
Concen: 4.812 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	56548		
120	46.4		0.0	93.0





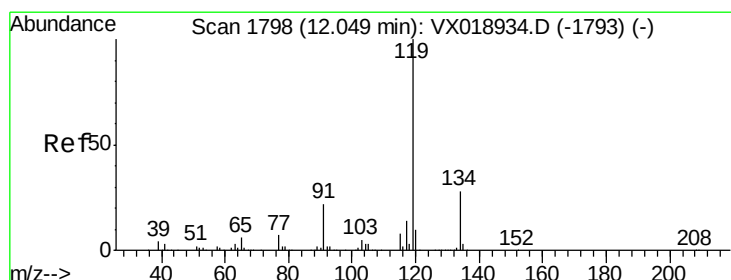
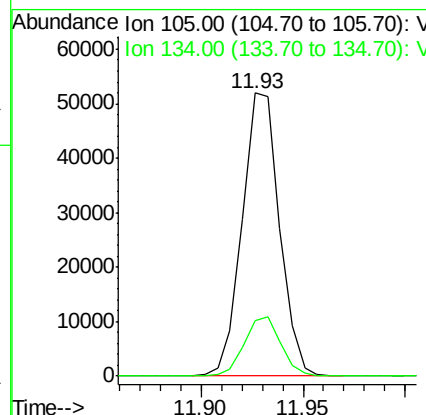
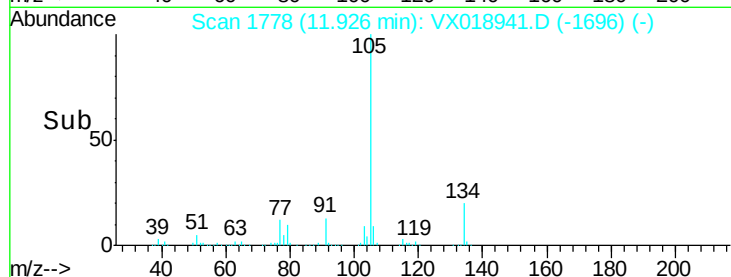
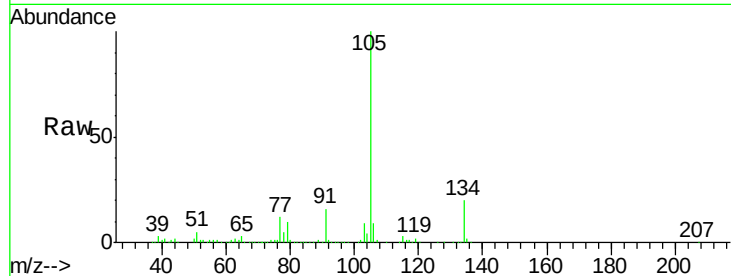
#81
 sec-Butylbenzene
 Concen: 4.815 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	42.6

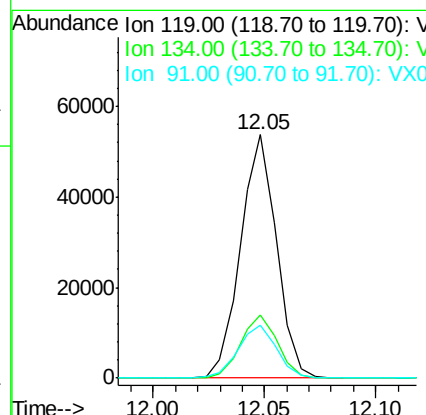
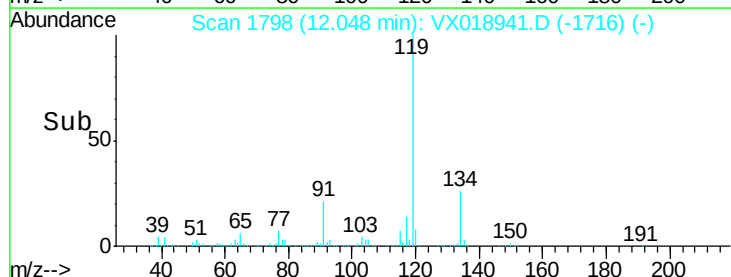
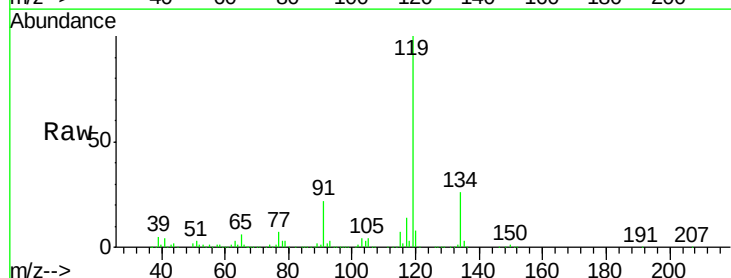
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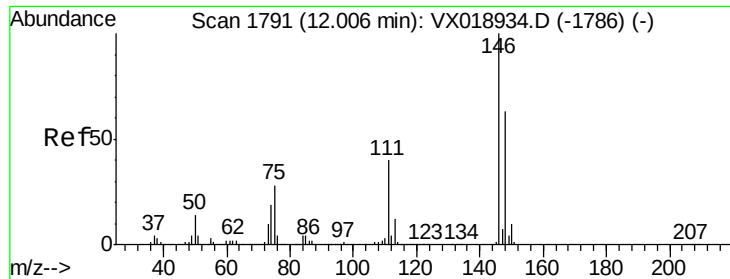
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#82
 p-Isopropyltoluene
 Concen: 4.719 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	54.8
91	22.9	0.0	45.4





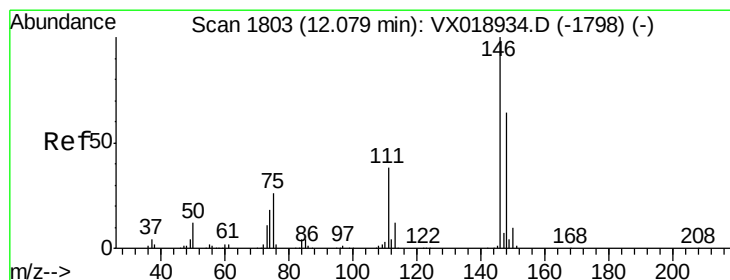
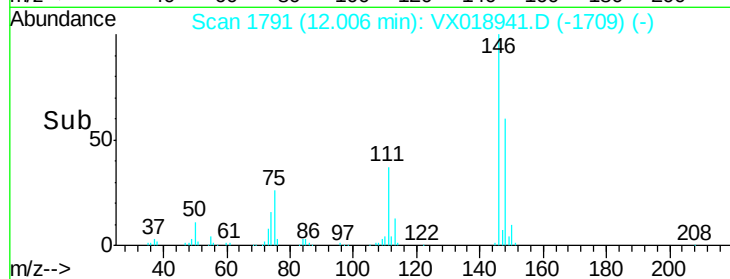
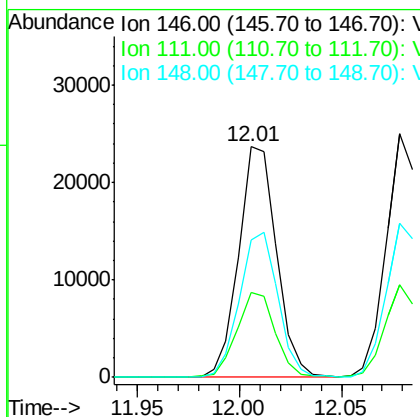
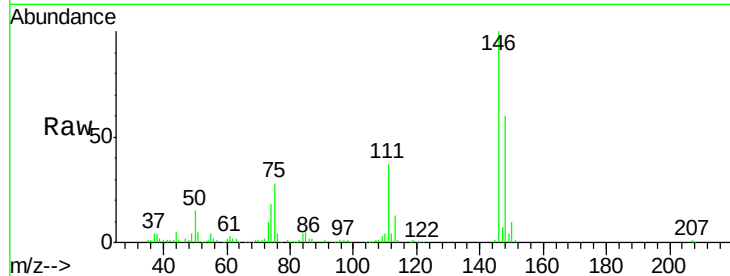
#83
 1,3-Dichlorobenzene
 Concen: 4.743 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.9	59.7
148	63.5	31.9	95.5

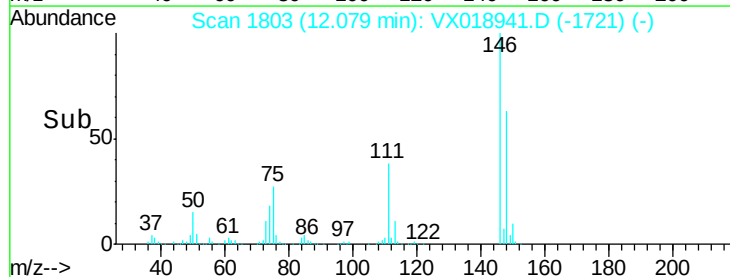
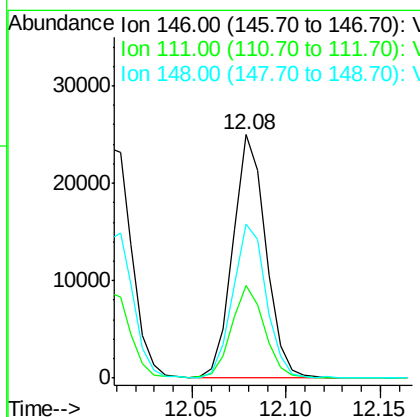
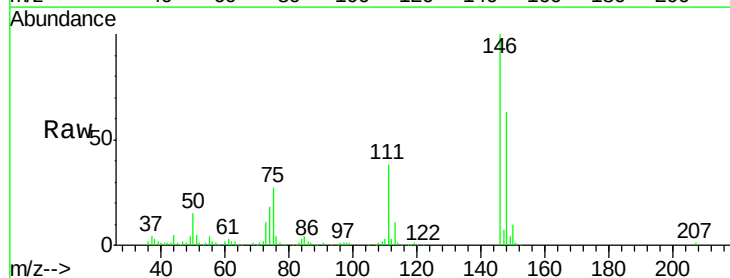
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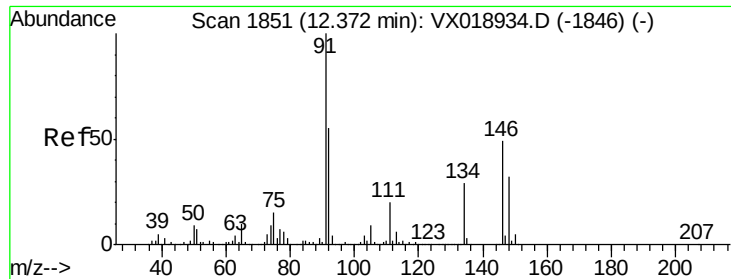
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#84
 1,4-Dichlorobenzene
 Concen: 4.668 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.6
148	64.1	32.1	96.5





#85

n-Butylbenzene

Concen: 4.412 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Instrument :

MSVOA_X

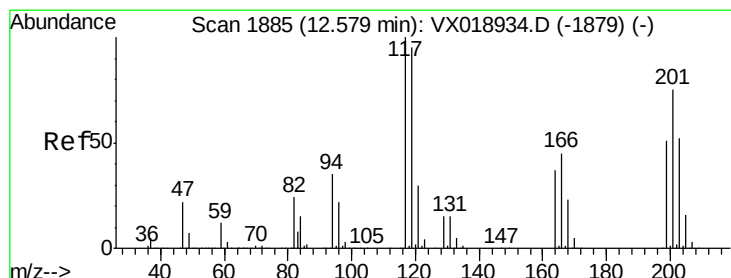
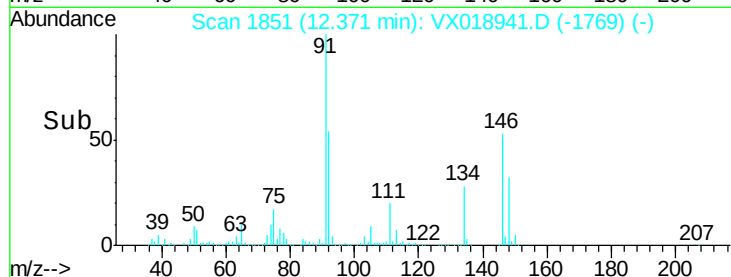
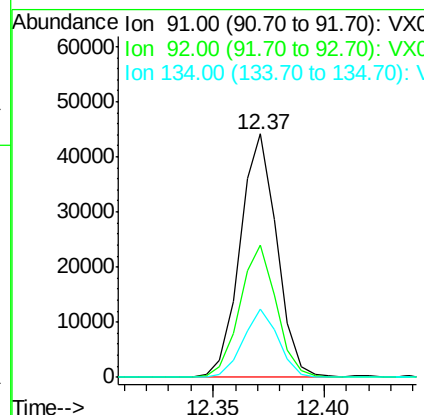
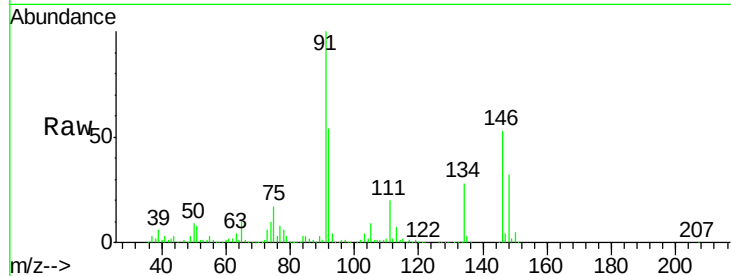
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	91	Resp:	50417
Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	109.6
134	27.2	0.0	56.4

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#86

Hexachloroethane

Concen: 4.941 ug/l

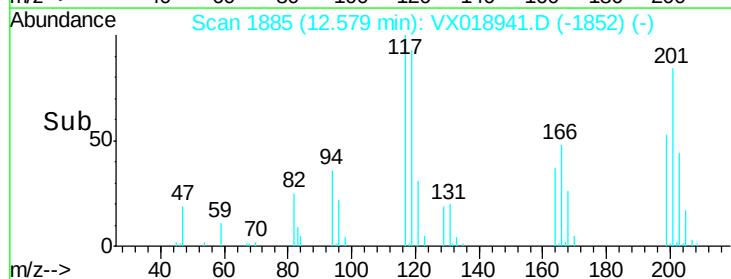
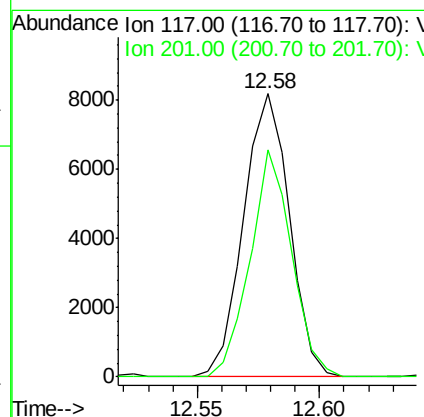
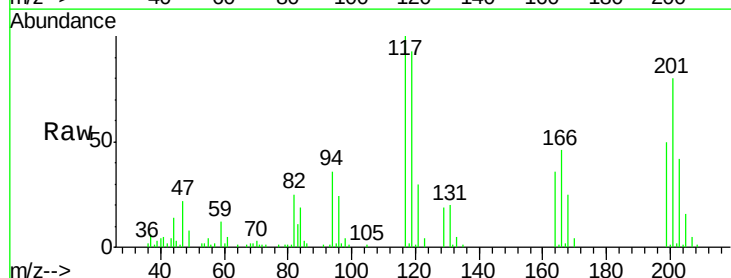
RT: 12.58 min Scan# 1885

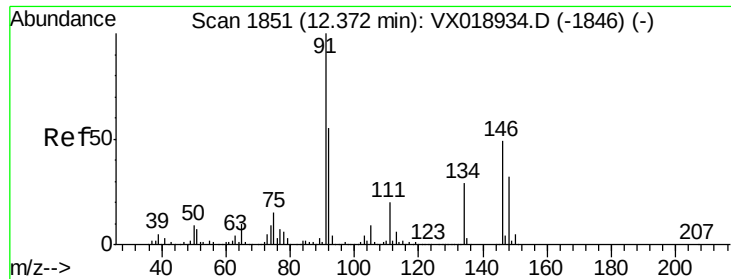
Delta R.T. -0.00 min

Lab File: VX018941.D

Acq: 15 Oct 2020 18:44

Tgt Ion:	117	Resp:	10704
Ion	Ratio	Lower	Upper
117	100		
201	72.8	38.9	116.6





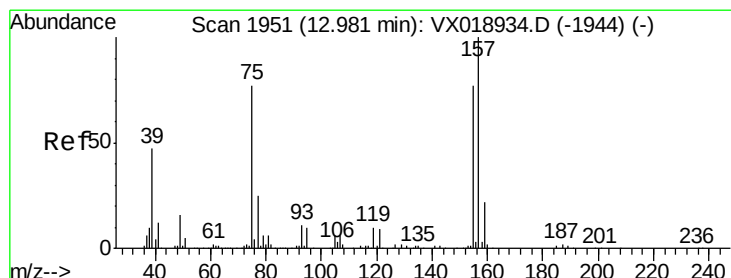
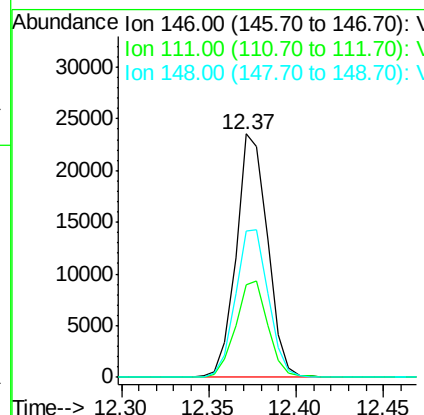
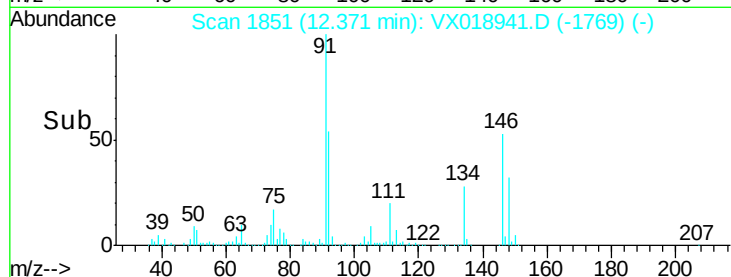
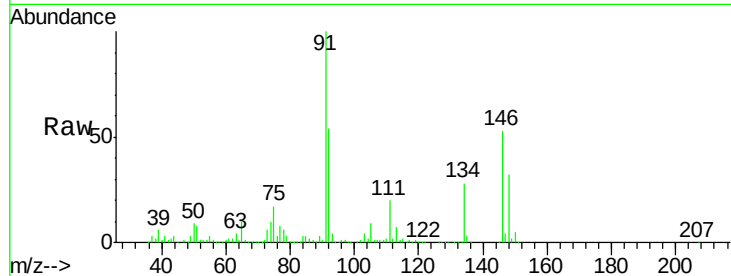
#87
 1,2-Dichlorobenzene
 Concen: 4.698 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.6
148	63.7	31.9	95.7

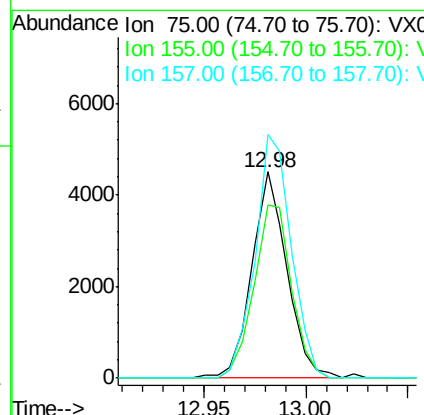
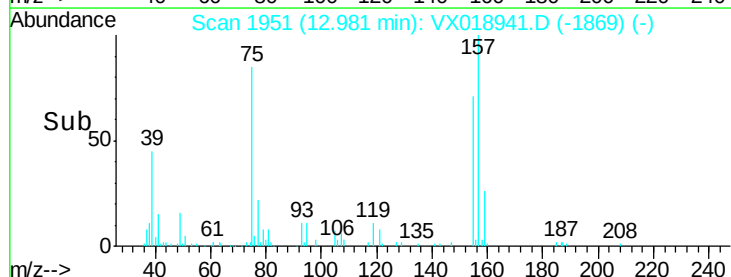
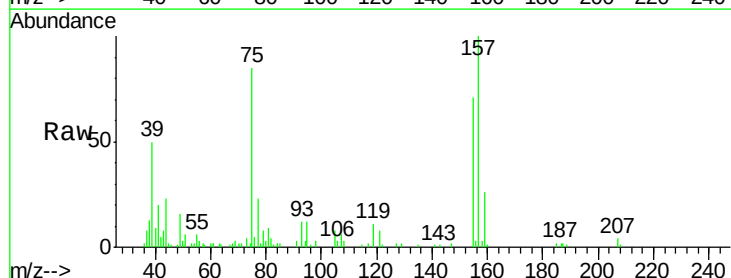
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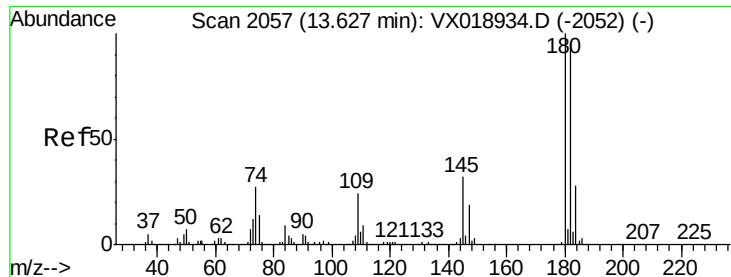
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.082 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018941.D
 Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	79.3	118.9
157	121.7	104.2	156.4





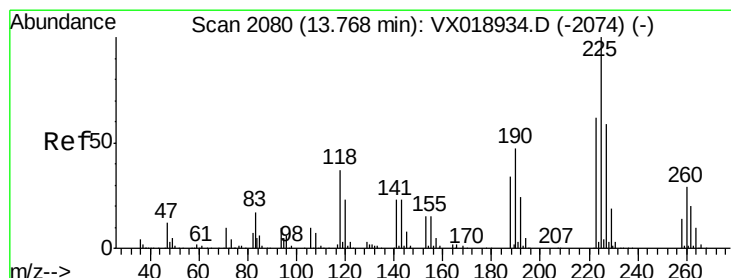
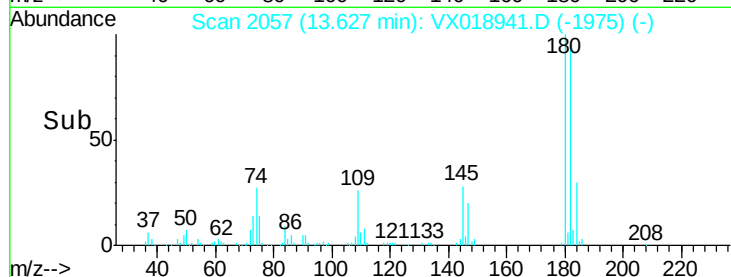
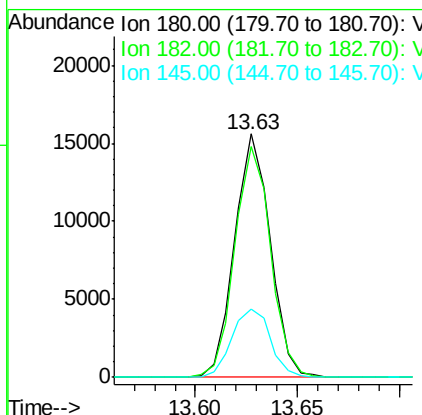
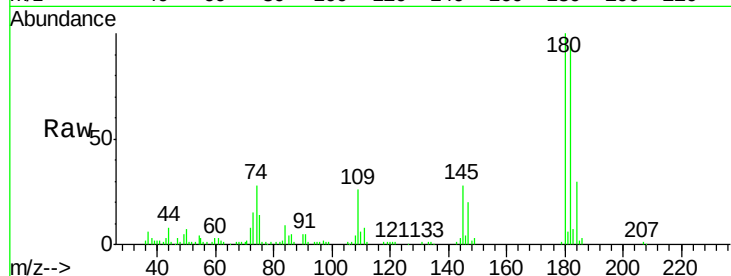
#89
1,2,4-Trichlorobenzene
Concen: 4.153 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.4	113.2
145	30.2	24.8	37.2

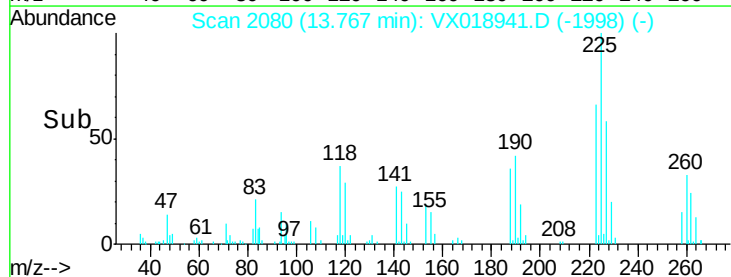
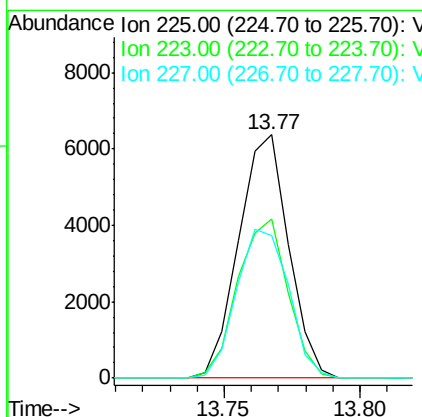
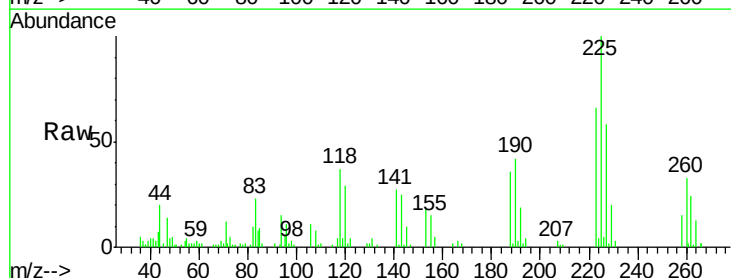
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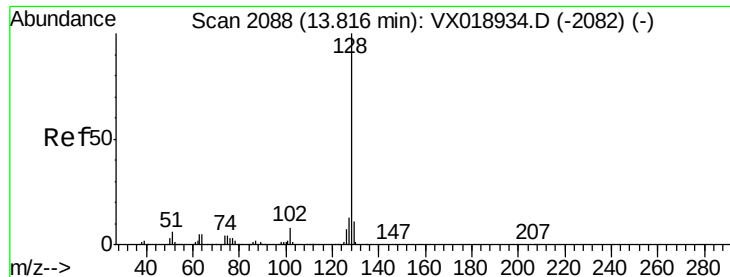
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#90
Hexachlorobutadiene
Concen: 4.265 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	0.0	128.8
227	63.9	0.0	123.2





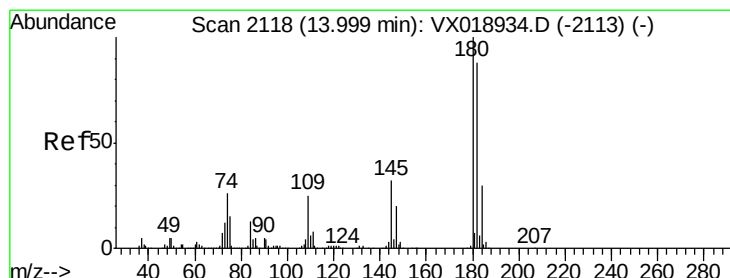
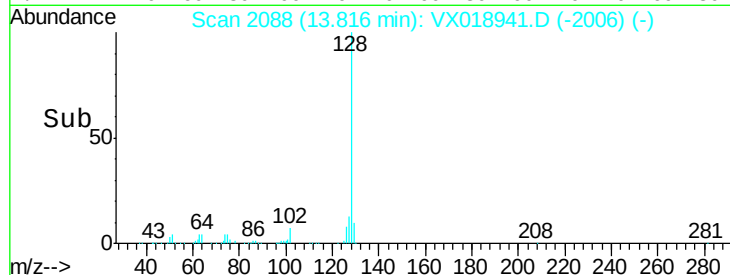
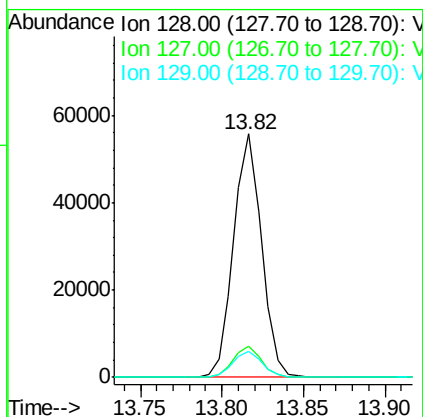
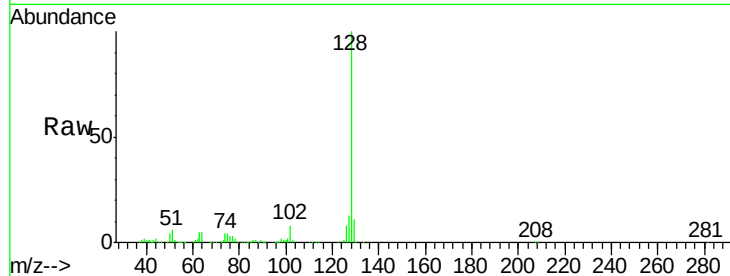
#91
Naphthalene
Concen: 4.501 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 4.316 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018941.D
Acq: 15 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	0.0	190.8
145	32.7	0.0	64.4

