

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\  
 Data File : VN060571.D  
 Acq On : 17 Mar 2020 22:14  
 Operator : JC/MD  
 Sample : L1161-07 .5PPB LOD  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 LOD-MDL-WATER-01-QT1-2020

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/19/2020 1:02:13 PM

Quant Time: Mar 19 13:02:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 09:02:01 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	353043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	143195	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.56	113	105432	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.08	98	425501	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	144633	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1027	0.515	ug/l	87
3) Chloromethane	2.04	50	2110	0.567	ug/l	96
4) Vinyl Chloride	2.16	62	1475	0.506	ug/l	90
6) Chloroethane	2.69	64	994	0.593	ug/l	99
7) Trichlorofluoromethane	3.01	101	1813	0.505	ug/l	93
8) Diethyl Ether	3.38	74	760	0.527	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1125	0.541	ug/l	95
12) 1,1-Dichloroethene	3.72	96	1413	0.633	ug/l #	81
14) Allyl chloride	4.29	41	2053	0.523	ug/l #	91
15) Acrylonitrile	4.95	53	2288	1.871	ug/l #	89
16) Acetone	3.79	43	2982	2.976	ug/l	98
17) Carbon Disulfide	4.03	76	5269	0.777	ug/l	96
18) Methyl Acetate	4.30	43	1365	0.484	ug/l #	54
19) Methyl tert-butyl Ether	5.00	73	3985	0.520	ug/l	92
20) Methylene Chloride	4.53	84	1444	0.586	ug/l #	84
21) trans-1,2-Dichloroethene	5.00	96	1384	0.582	ug/l #	82
22) Diisopropyl ether	5.92	45	4368	0.527	ug/l	92
23) Vinyl Acetate	5.87	43	15889	2.349	ug/l #	93
24) 1,1-Dichloroethane	5.81	63	2325	0.515	ug/l #	85
25) 2-Butanone	6.81	43	4290	2.646	ug/l	96
26) 2,2-Dichloropropane	6.80	77	1765m	0.496	ug/l	
27) cis-1,2-Dichloroethene	6.80	96	1569	0.581	ug/l	84
28) Bromochloromethane	7.17	49	1004	0.464	ug/l #	63
29) Tetrahydrofuran	7.19	42	2807	2.447	ug/l #	76
30) Chloroform	7.35	83	2320	0.536	ug/l	98
31) Cyclohexane	7.63	56	6500	1.427	ug/l #	20
32) 1,1,1-Trichloroethane	7.55	97	1977	0.529	ug/l #	50
36) 1,1-Dichloropropene	7.77	75	1931	0.565	ug/l	91
37) Ethyl Acetate	6.90	43	1233	0.334	ug/l #	70
38) Carbon Tetrachloride	7.75	117	1334	0.435	ug/l	98
39) Methylcyclohexane	9.06	83	2317	0.570	ug/l	97
40) Benzene	8.02	78	5061	0.490	ug/l #	85
41) Methacrylonitrile	7.14	41	693	0.440	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	1935	0.549	ug/l #	75

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 Quant Title : SW846 8260  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.14	43	2927	0.480	ug/l #	73
44) Trichloroethene	8.82	130	1687	0.648	ug/l	80
45) 1,2-Dichloropropane	9.10	63	1289	0.473	ug/l	98
46) Dibromomethane	9.19	93	749	0.455	ug/l	97
47) Bromodichloromethane	9.39	83	1632	0.477	ug/l #	96
48) Methyl methacrylate	9.19	41	1268	0.468	ug/l	94
49) 1,4-Dioxane	9.18	88	138	4.281	ug/l #	20
51) 4-Methyl-2-Pentanone	9.97	43	8807	2.541	ug/l	99
52) Toluene	10.14	92	3159	0.507	ug/l	89
53) t-1,3-Dichloropropene	10.37	75	2004	0.510	ug/l	94
54) cis-1,3-Dichloropropene	9.83	75	2181	0.506	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	1102	0.460	ug/l	91
56) Ethyl methacrylate	10.42	69	1508	0.403	ug/l #	93
57) 1,3-Dichloropropane	10.69	76	2075	0.499	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	3690	1.986	ug/l	97
59) 2-Hexanone	10.74	43	5763	2.308	ug/l	92
60) Dibromochloromethane	10.89	129	1032	0.417	ug/l	86
61) 1,2-Dibromoethane	11.00	107	1078	0.447	ug/l	84
64) Tetrachloroethene	10.62	164	1530	0.625	ug/l	95
65) Chlorobenzene	11.43	112	3320	0.538	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.50	131	1033	0.462	ug/l #	57
67) Ethyl Benzene	11.50	91	6269	0.546	ug/l	95
68) m/p-Xylenes	11.62	106	4560	1.069	ug/l	89
69) o-Xylene	11.94	106	2101	0.516	ug/l	94
70) Styrene	11.96	104	3158	0.474	ug/l	90
71) Bromoform	12.12	173	676	0.405	ug/l #	94
73) Isopropylbenzene	12.24	105	5619	0.555	ug/l	97
74) N-amyl acetate	12.07	43	2433	0.520	ug/l #	85
75) 1,1,1,2-Tetrachloroethane	12.50	83	1657	0.541	ug/l #	88
76) 1,2,3-Trichloropropane	12.54	75	1632m	0.561	ug/l	
77) Bromobenzene	12.52	156	1334	0.547	ug/l	85
78) n-propylbenzene	12.59	91	7184	0.601	ug/l	98
79) 2-Chlorotoluene	12.67	91	4210	0.589	ug/l	89
80) 1,3,5-Trimethylbenzene	12.73	105	4876	0.568	ug/l	93
82) 4-Chlorotoluene	12.77	91	4757	0.654	ug/l	93
83) tert-Butylbenzene	12.99	119	4224	0.593	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	4624	0.544	ug/l	98
85) sec-Butylbenzene	13.17	105	5326	0.556	ug/l	95
86) p-Isopropyltoluene	13.28	119	4849	0.563	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	2851	0.663	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	2984m	0.690	ug/l	
89) n-Butylbenzene	13.61	91	4695	0.604	ug/l	95
90) Hexachloroethane	13.87	117	605	0.483	ug/l	80
91) 1,2-Dichlorobenzene	13.65	146	2482	0.603	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	389	0.566	ug/l #	42
93) 1,2,4-Trichlorobenzene	14.90	180	1572	0.622	ug/l	90
94) Hexachlorobutadiene	15.01	225	704	0.568	ug/l	89
95) Naphthalene	15.13	128	4259	0.561	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	1524	0.612	ug/l	98

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 ALS Vial : 34 Sample Multiplier: 1

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 MSVOA\_N  
**ClientSampleId :**  
 LOD-MDL-WATER-01-QT1-2020

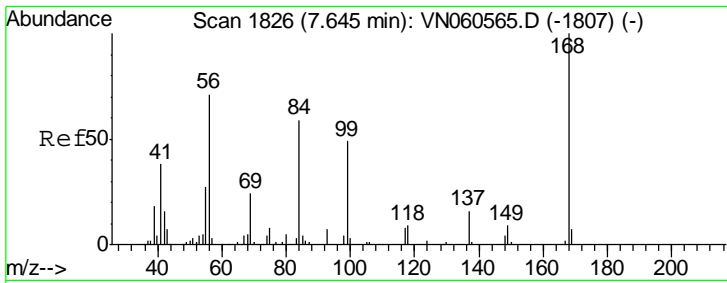
**Manual Integrations**  
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Internal Standards R.T. QIon Response Conc Units Dev(Min)  
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



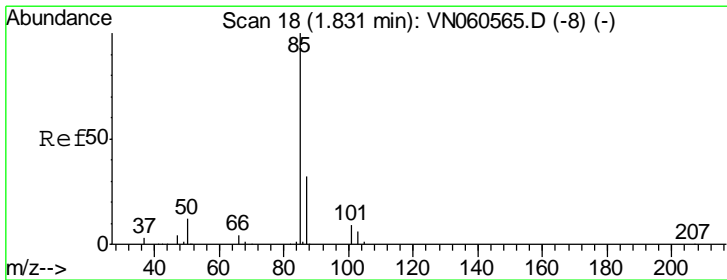
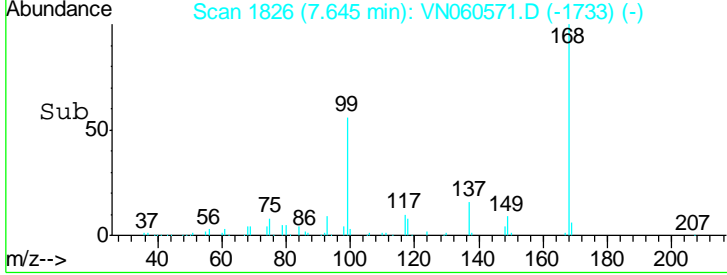
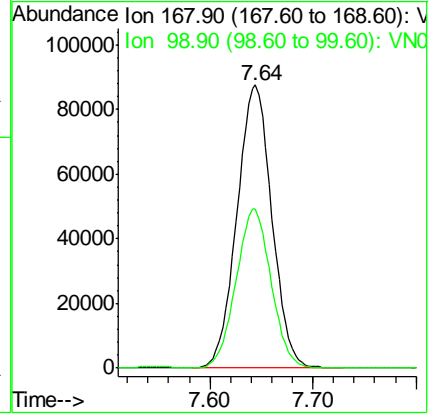
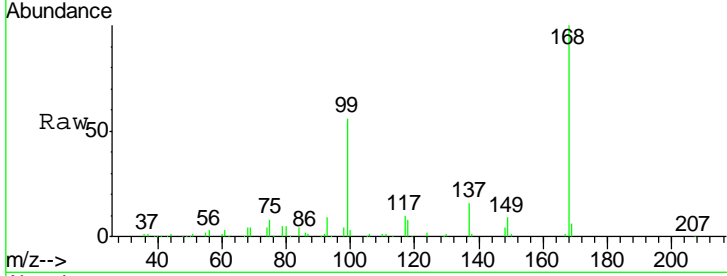


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.64 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
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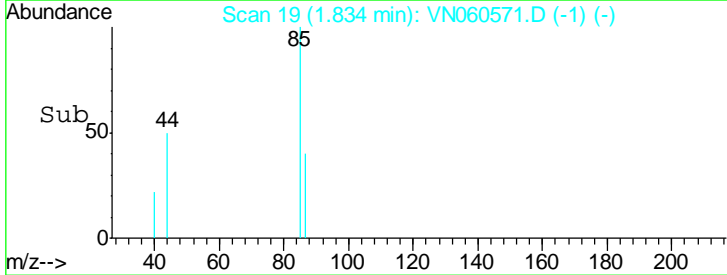
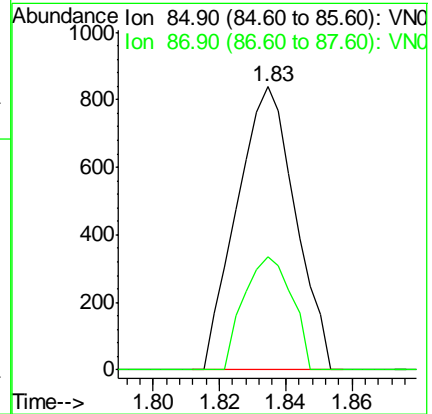
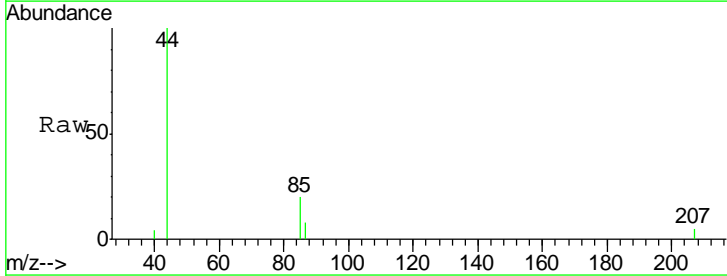
Tgt Ion	Resp	Lower	Upper
168	100		
99	56.0	44.0	66.0

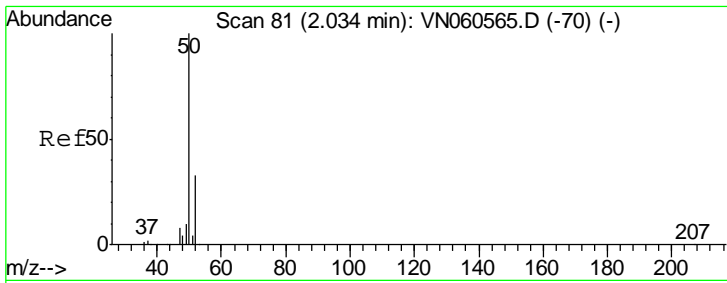
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#2  
 Dichlorodifluoromethane  
 Concen: 0.515 ug/l  
 RT: 1.83 min Scan# 19  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
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Tgt Ion	Resp	Lower	Upper
85	100		
87	39.9	16.2	48.5



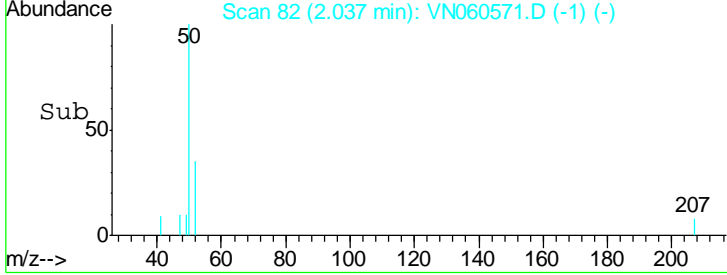
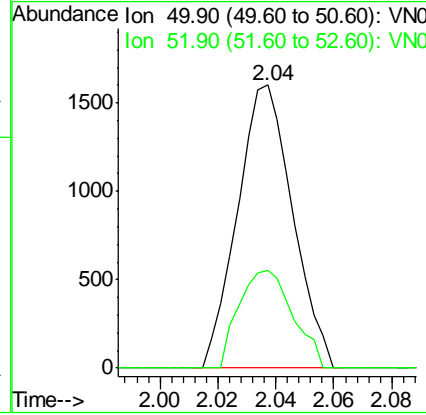
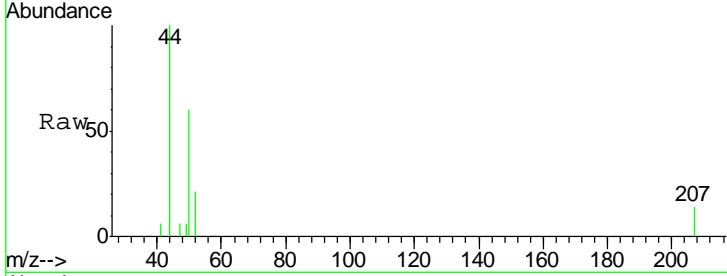


#3  
 Chloromethane  
 Concen: 0.567 ug/l  
 RT: 2.04 min Scan# 82  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
50	100		
52	34.7	26.2	39.2

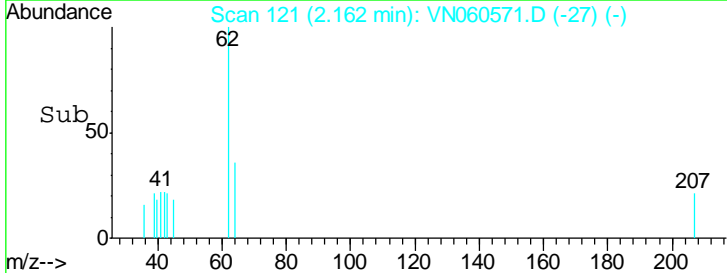
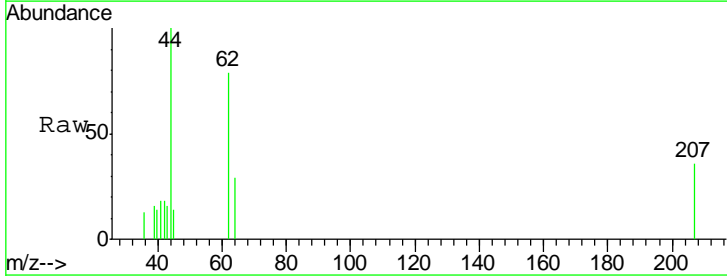
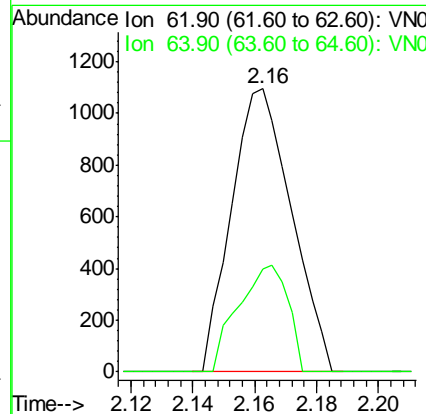
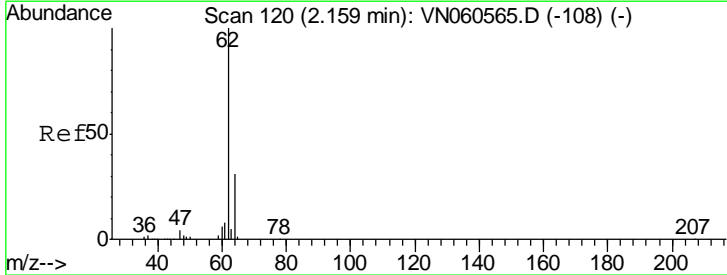
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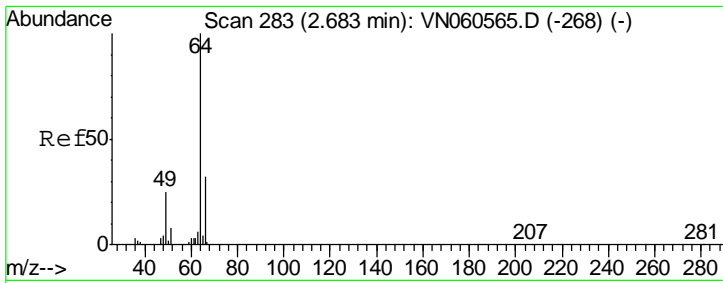
**Manual Integrations**  
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#4  
 Vinyl Chloride  
 Concen: 0.506 ug/l  
 RT: 2.16 min Scan# 121  
 Delta R.T. 0.00 min  
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Tgt Ion	Resp	Lower	Upper
62	100		
64	36.2	24.7	37.1



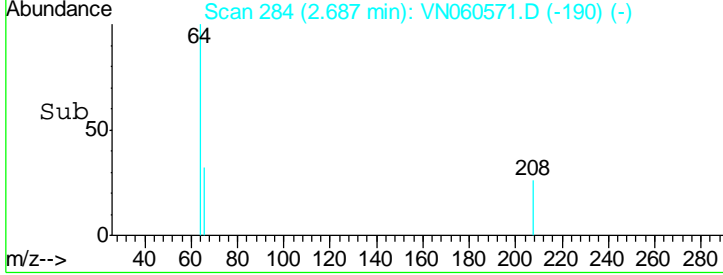
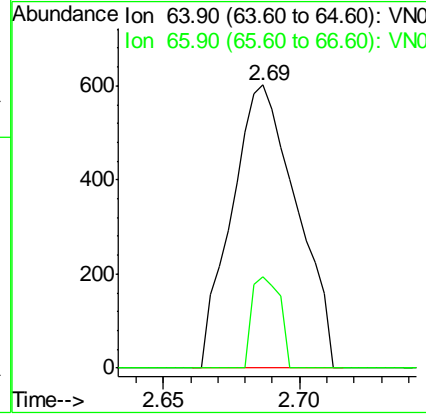
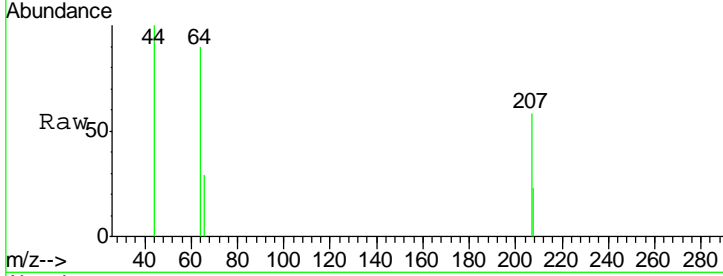


#6  
 Chloroethane  
 Concen: 0.593 ug/l  
 RT: 2.69 min Scan# 284  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
64	100		
66	32.2	25.3	37.9

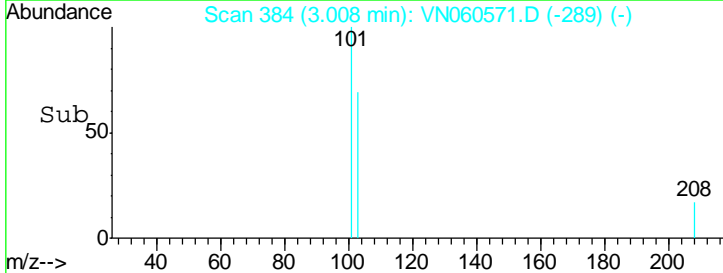
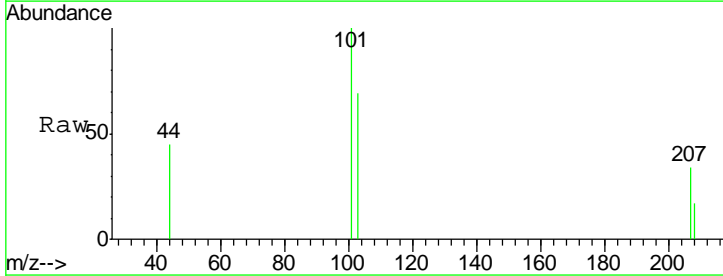
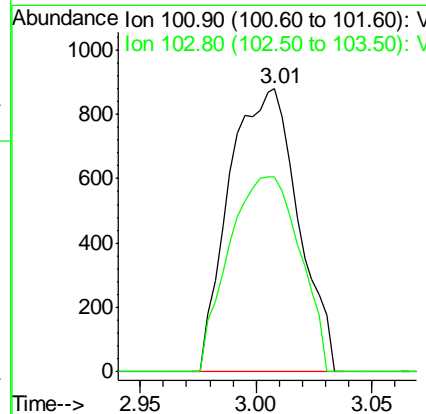
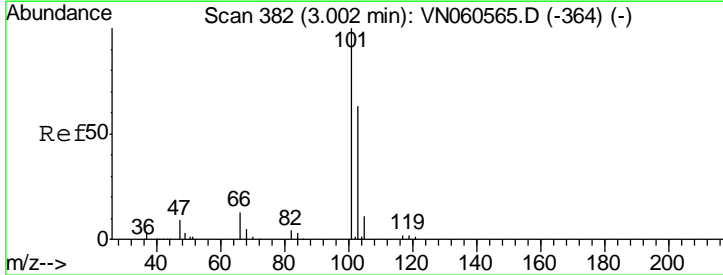
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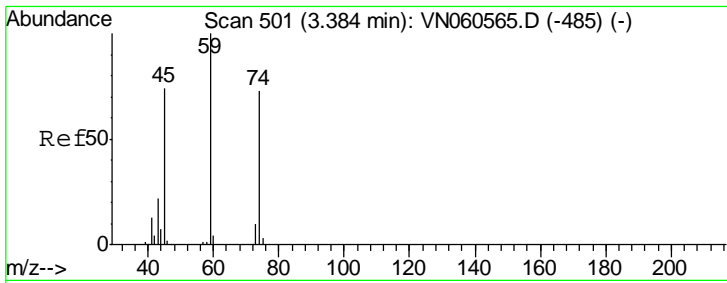
Manual Integrations  
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#7  
 Trichlorofluoromethane  
 Concen: 0.505 ug/l  
 RT: 3.01 min Scan# 384  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

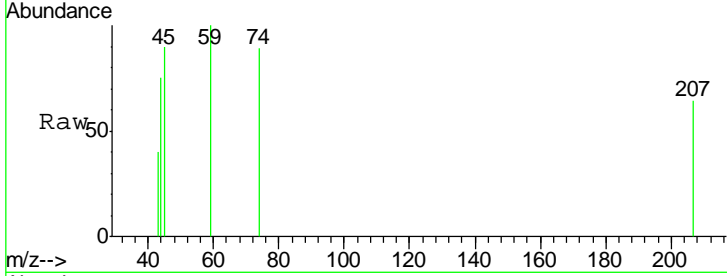
Tgt Ion	Resp	Lower	Upper
101	100		
103	68.8	50.6	76.0





#8  
 Diethyl Ether  
 Concen: 0.527 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

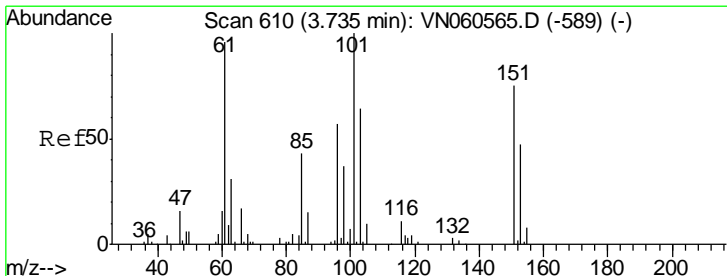
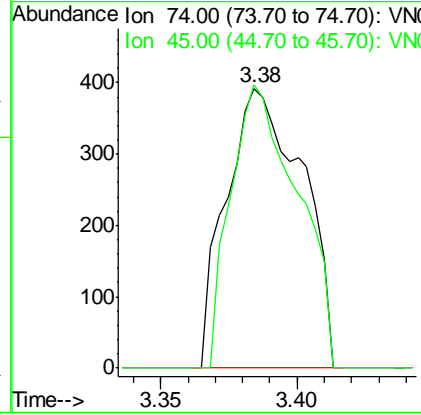
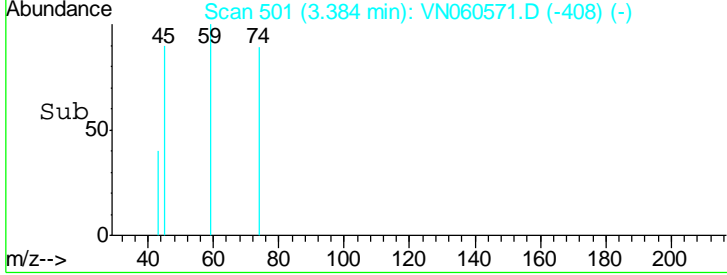
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**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020



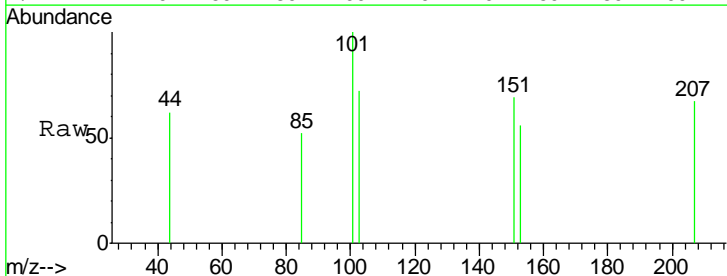
Tgt Ion: 74 Resp: 760

Ion	Ratio	Lower	Upper
74	100		
45	89.2	51.3	153.9

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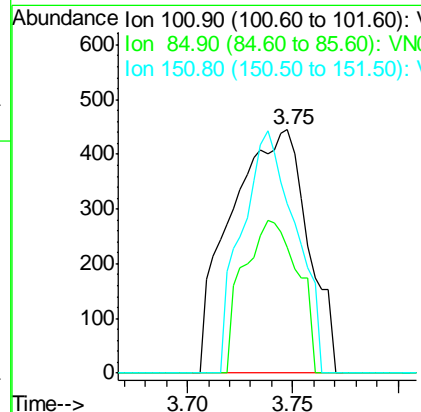
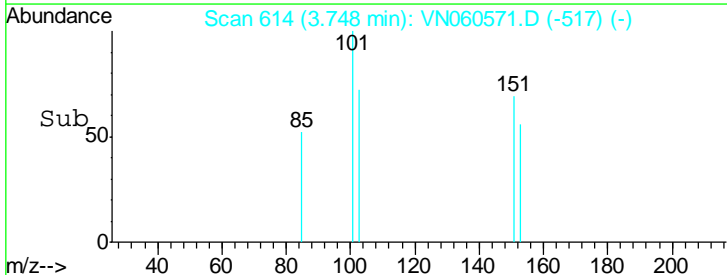


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.541 ug/l  
 RT: 3.75 min Scan# 614  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

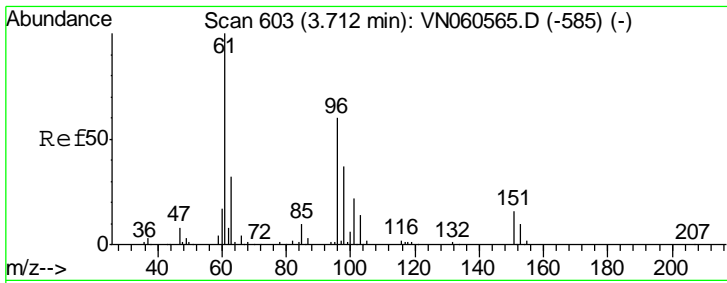


Tgt Ion: 101 Resp: 1125

Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.6	53.4
151	70.1	61.4	92.2

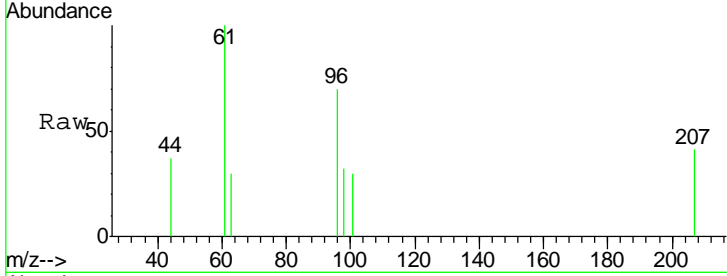






#12  
 1,1-Dichloroethene  
 Concen: 0.633 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
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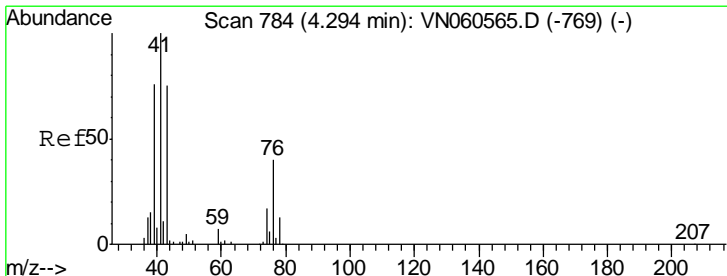
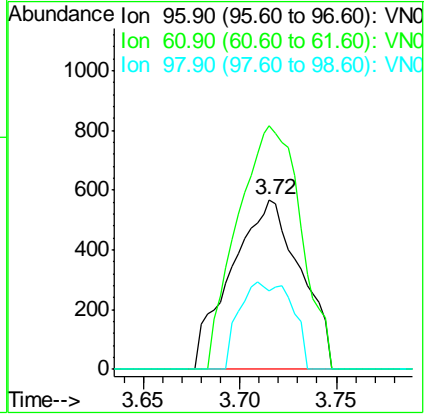
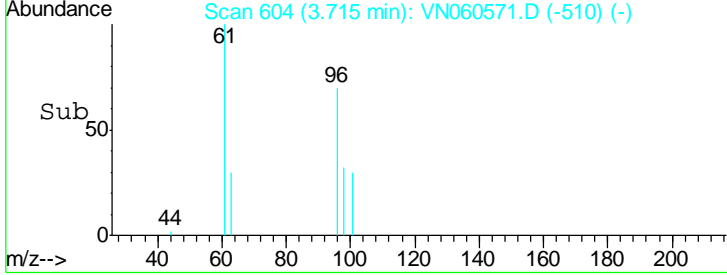
Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020



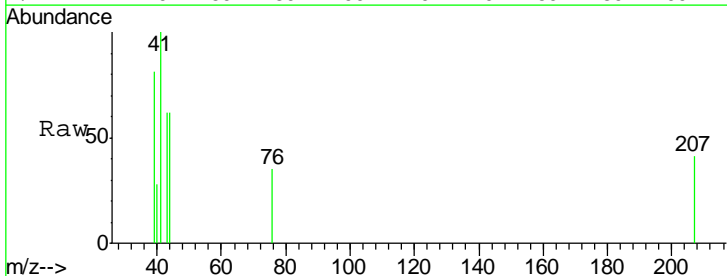
Tgt Ion	Resp	Lower	Upper
96	1413		
96	100		
61	143.2	134.1	201.1
98	45.9	49.9	74.9#

Manual Integrations  
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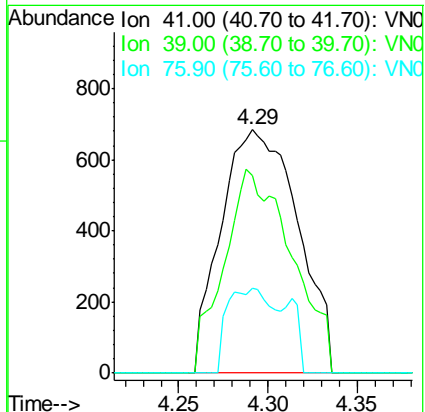
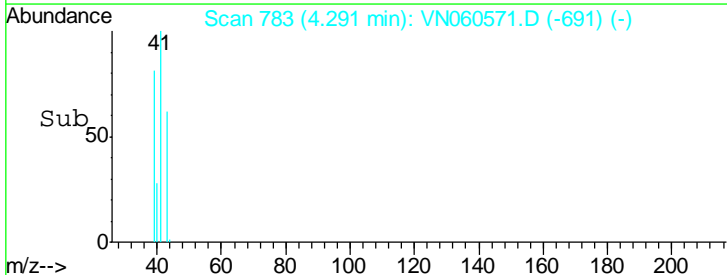
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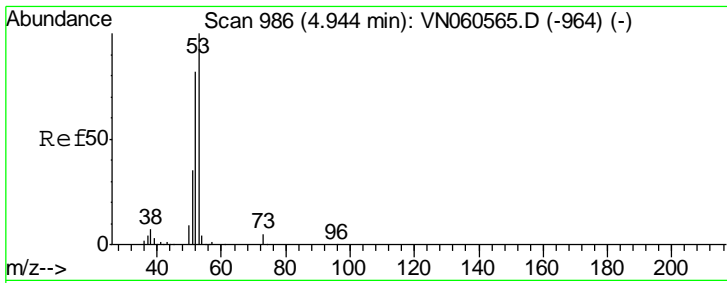


#14  
 Allyl chloride  
 Concen: 0.523 ug/l  
 RT: 4.29 min Scan# 783  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



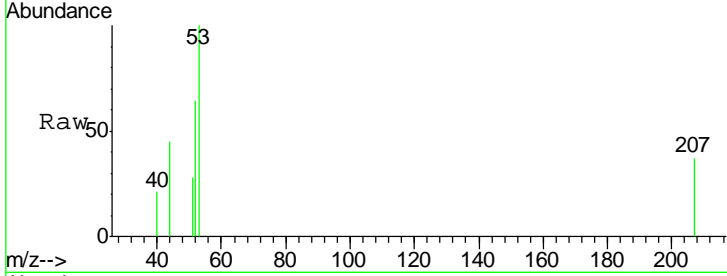
Tgt Ion	Resp	Lower	Upper
41	2053		
41	100		
39	73.6	57.8	86.8
76	21.2	28.6	43.0#





#15  
 Acrylonitrile  
 Concen: 1.871 ug/l  
 RT: 4.95 min Scan# 989  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

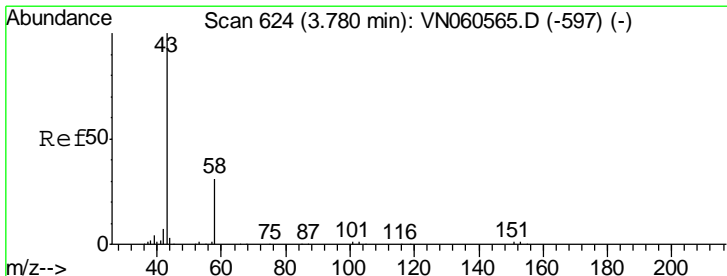
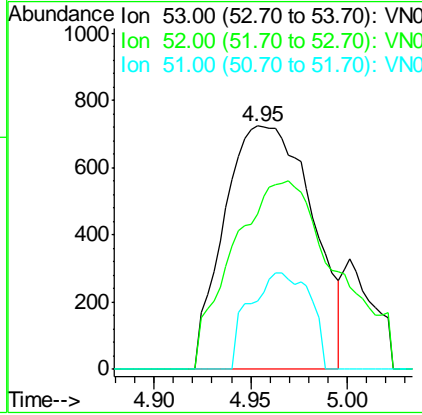
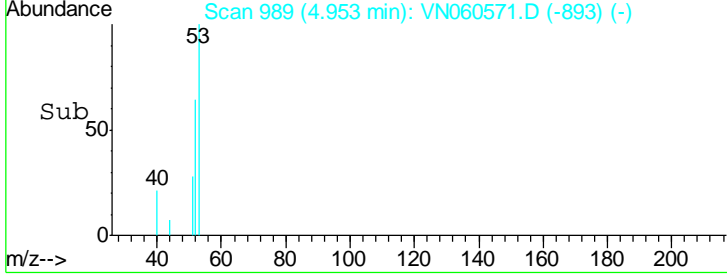
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 LOD-MDL-WATER-01-QT1-2020



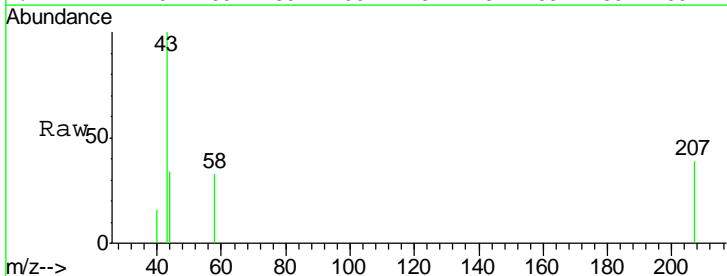
Tgt Ion	Resp	Lower	Upper
53	100		
52	91.3	66.2	99.4
51	27.1	28.7	43.1#

Manual Integrations  
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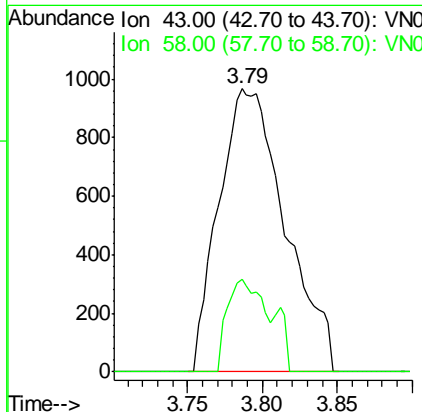
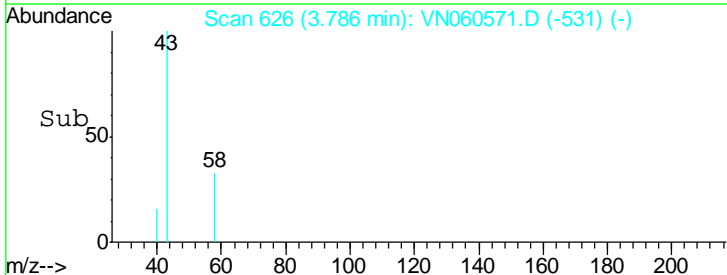
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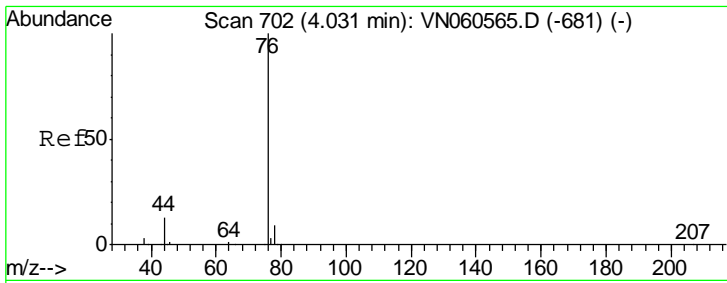


#16  
 Acetone  
 Concen: 2.976 ug/l  
 RT: 3.79 min Scan# 626  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



Tgt Ion	Resp	Lower	Upper
43	100		
58	32.7	25.1	37.7



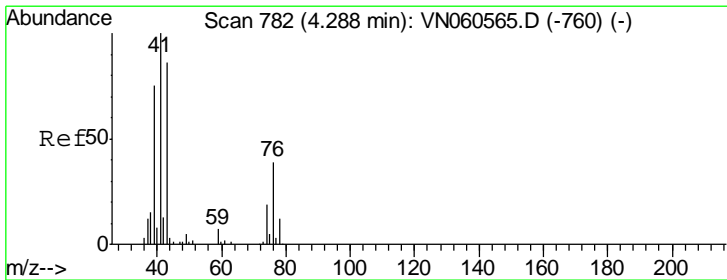
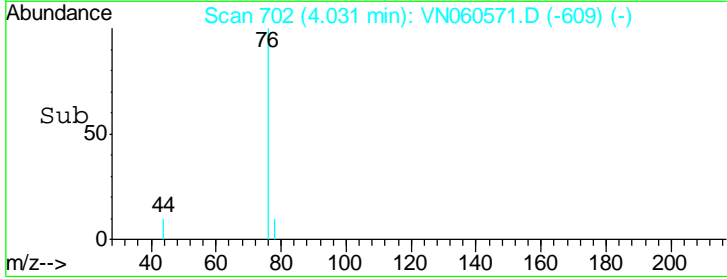
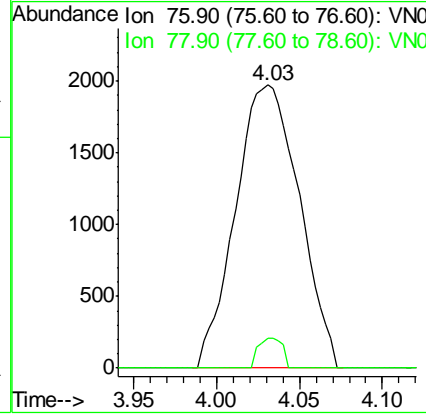
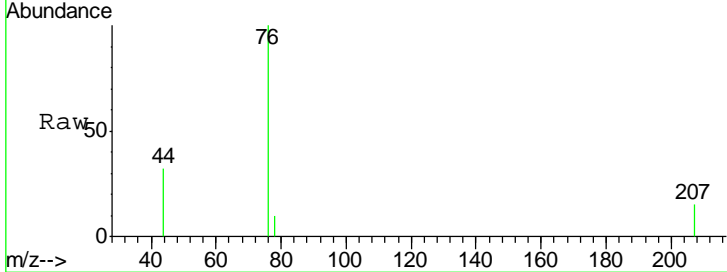


#17  
 Carbon Disulfide  
 Concen: 0.777 ug/l  
 RT: 4.03 min Scan# 702  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
76	100		
78	10.4	7.2	10.8

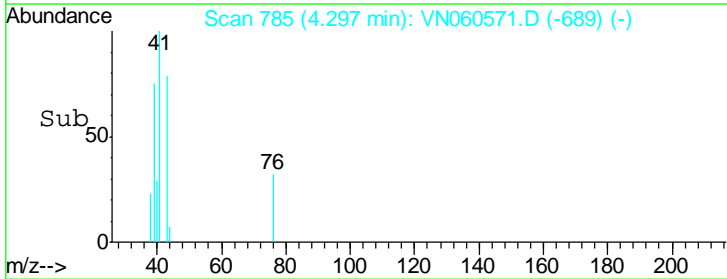
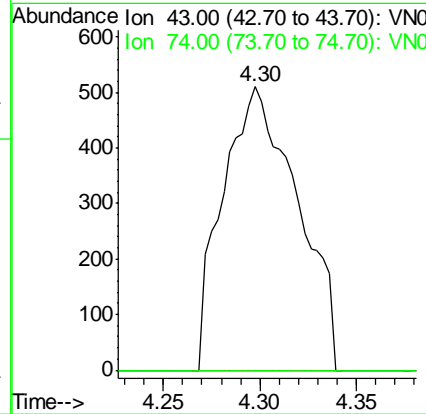
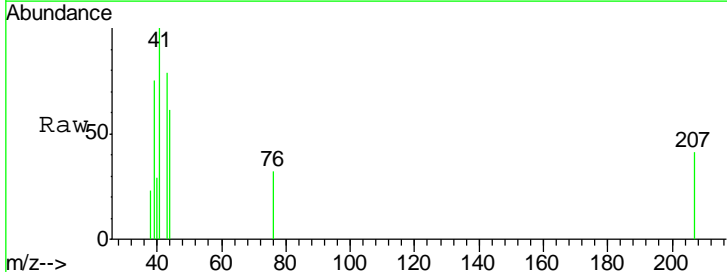
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

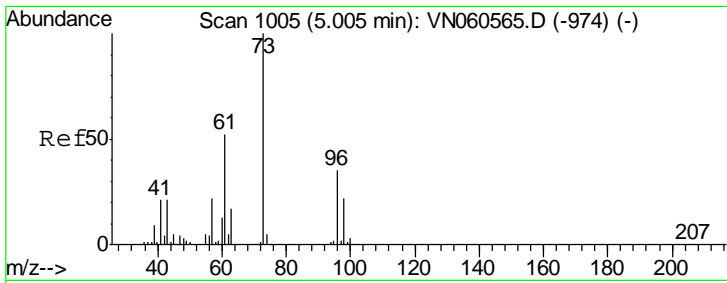
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#18  
 Methyl Acetate  
 Concen: 0.484 ug/l  
 RT: 4.30 min Scan# 785  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
43	100		
74	0.0	17.5	26.3#



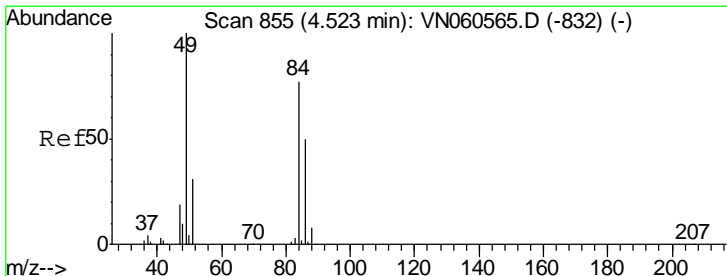
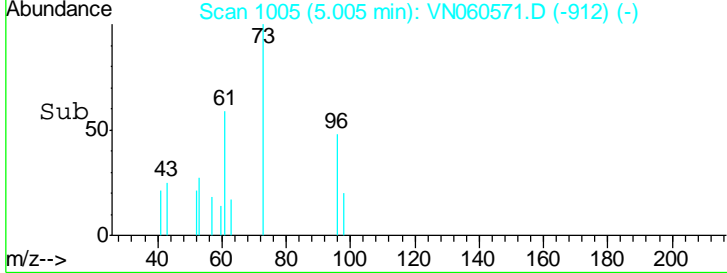
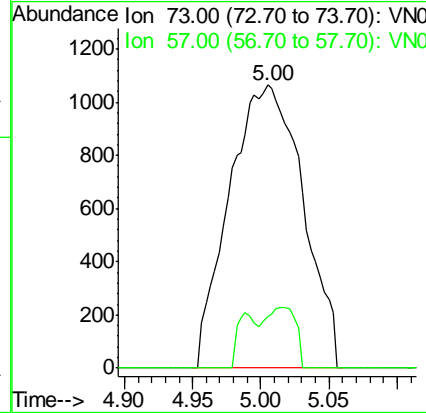
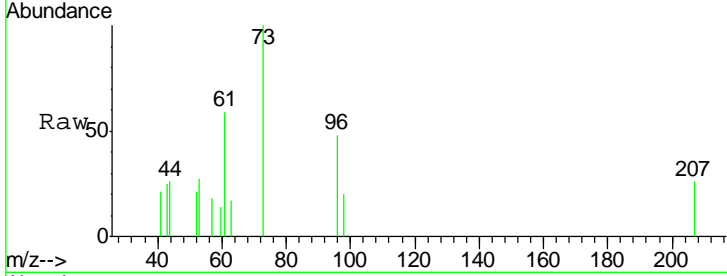


#19  
 Methyl tert-butyl Ether  
 Concen: 0.520 ug/l  
 RT: 5.00 min Scan# 1005  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

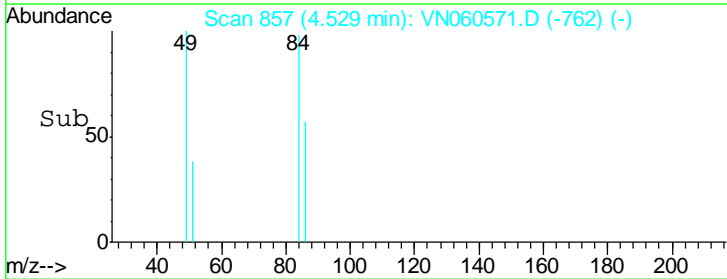
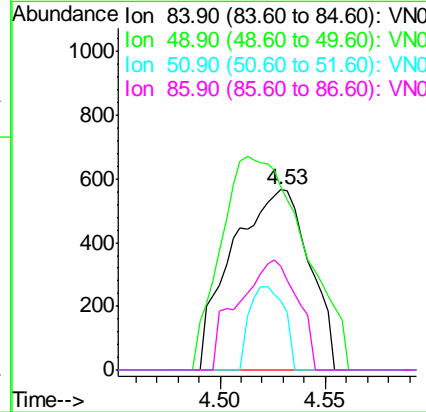
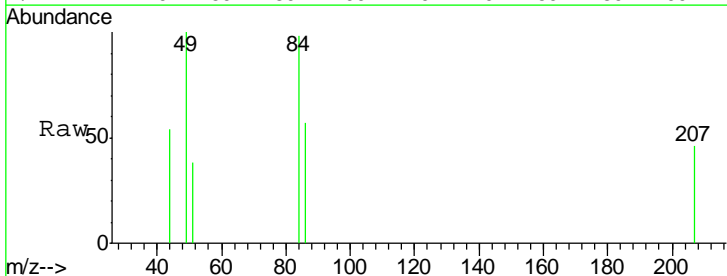
Tgt Ion	Resp	Lower	Upper
73	100		
57	18.1	17.5	26.3

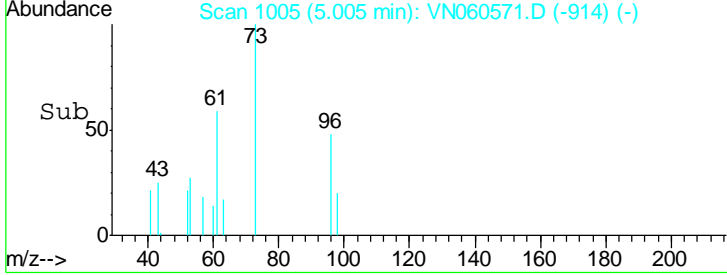
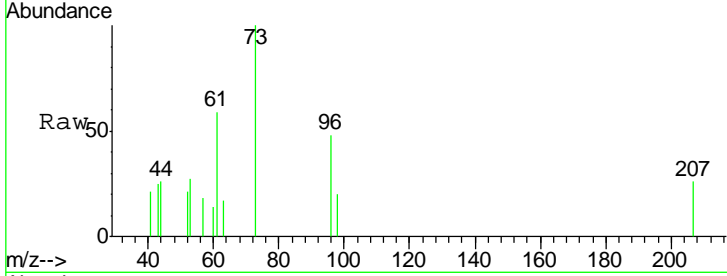
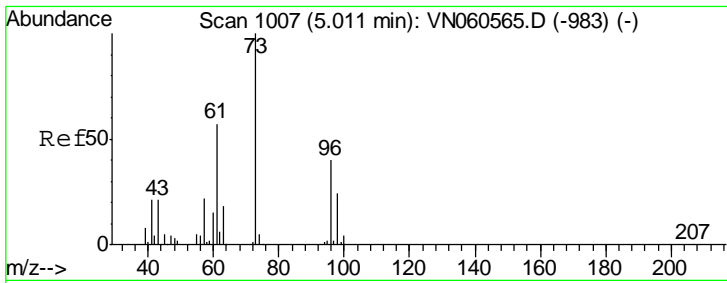
**Manual Integrations**  
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 3/19/2020 1:02:13 PM



#20  
 Methylene Chloride  
 Concen: 0.586 ug/l  
 RT: 4.53 min Scan# 857  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
84	100		
49	101.6	103.3	154.9#
51	38.3	31.6	47.4
86	57.4	52.0	78.0



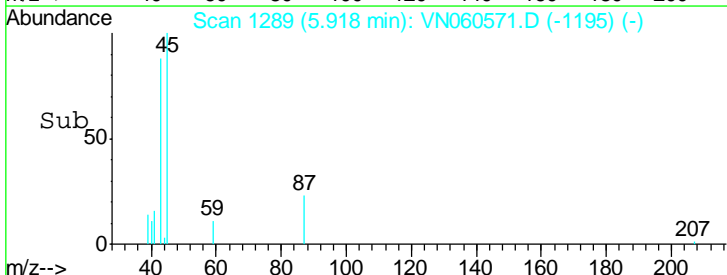
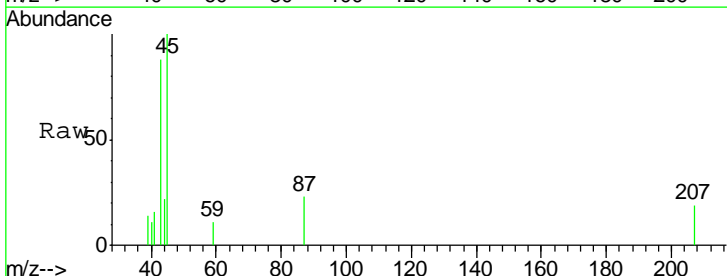
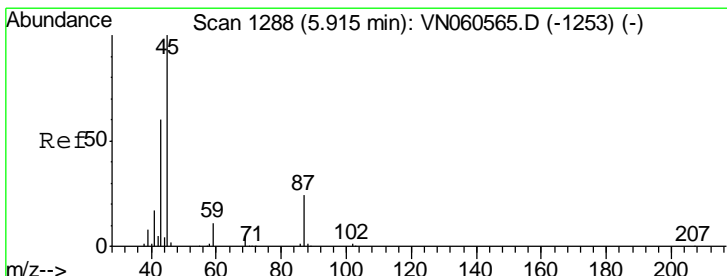
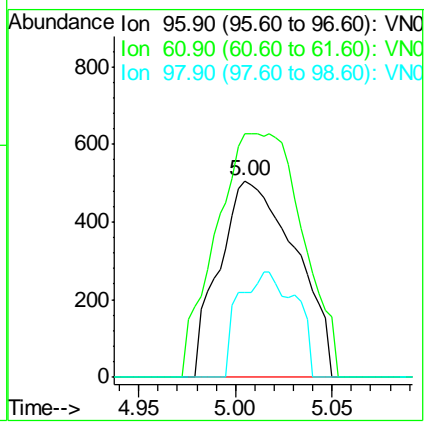


#21  
 trans-1,2-Dichloroethene  
 Concen: 0.582 ug/l  
 RT: 5.00 min Scan# 1005  
 Delta R.T. -0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
96	1384		
96	100		
61	123.5	114.4	171.6
98	43.0	48.4	72.6#

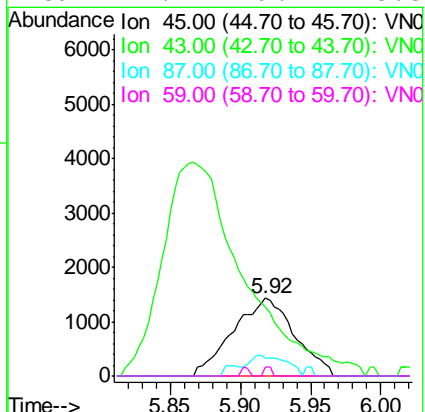
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

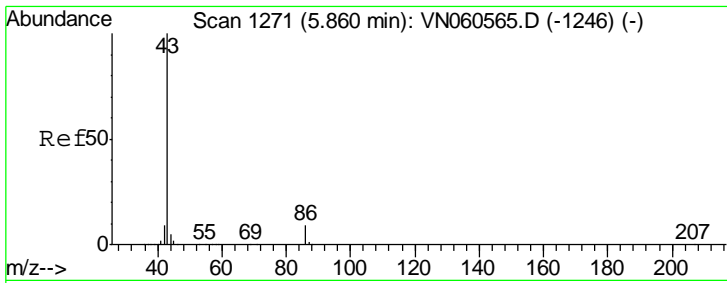
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/19/2020 1:02:13 PM



#22  
 Diisopropyl ether  
 Concen: 0.527 ug/l  
 RT: 5.92 min Scan# 1289  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
45	4368		
45	100		
43	70.5	49.8	74.8
87	23.4	20.1	30.1
59	11.4	9.2	13.8



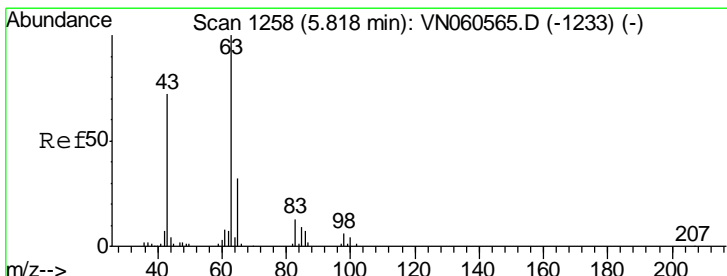
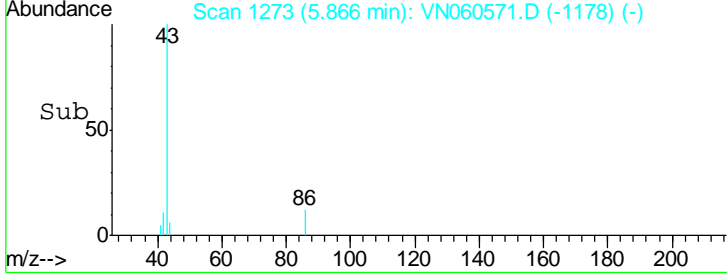
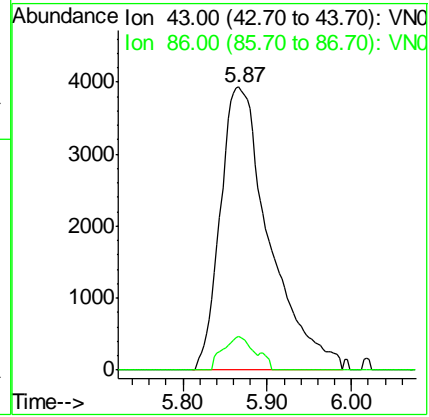
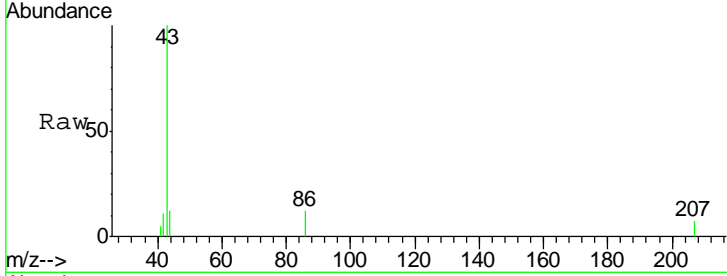


#23  
 Vinyl Acetate  
 Concen: 2.349 ug/l  
 RT: 5.87 min Scan# 1273  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

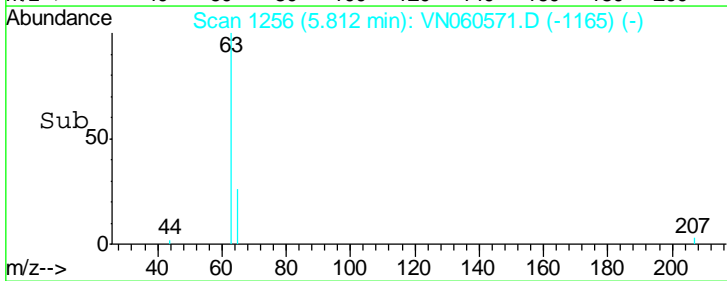
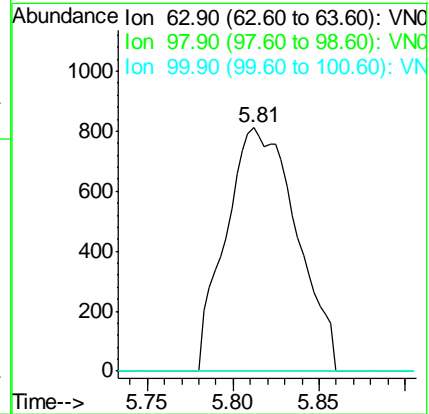
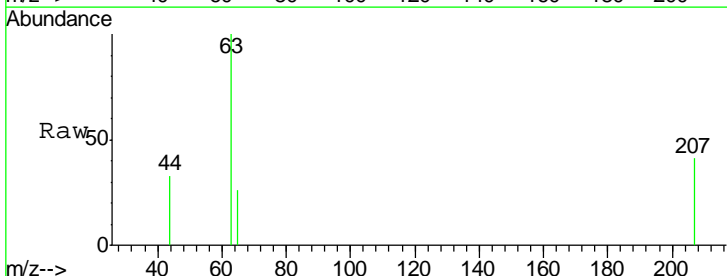
Tgt Ion	Resp	Lower	Upper
43	15889		
86	12.1	7.6	11.4#

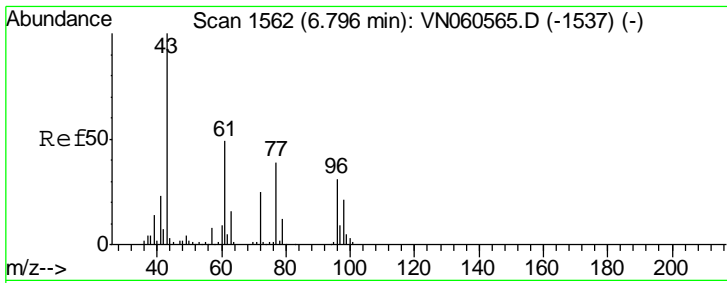
Manual Integrations APPROVED  
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#24  
 1,1-Dichloroethane  
 Concen: 0.515 ug/l  
 RT: 5.81 min Scan# 1256  
 Delta R.T. -0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

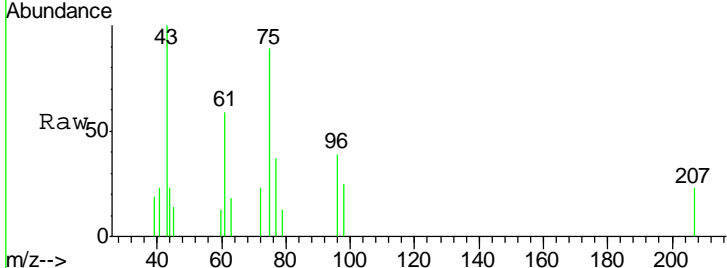
Tgt Ion	Resp	Lower	Upper
63	2325		
98	0.0	2.9	8.7#
100	0.0	1.8	5.5#





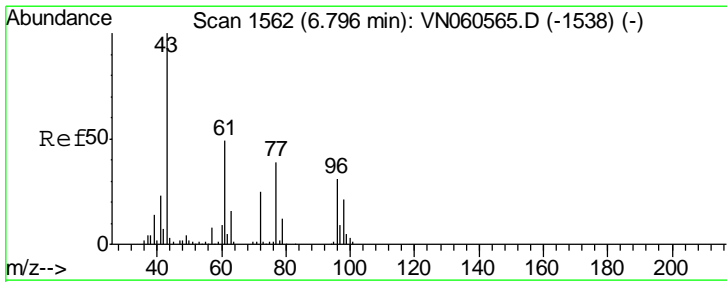
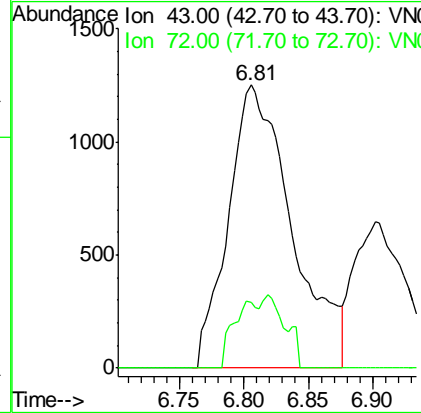
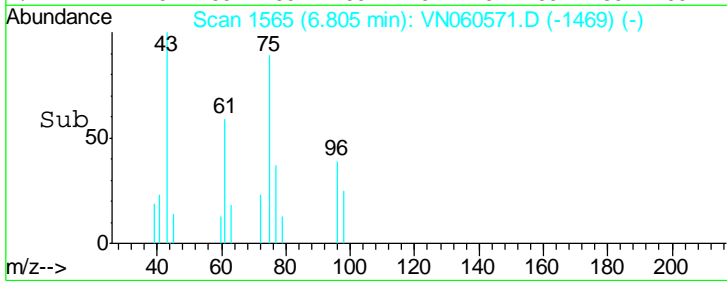
#25  
 2-Butanone  
 Concen: 2.646 ug/l  
 RT: 6.81 min Scan# 1565  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

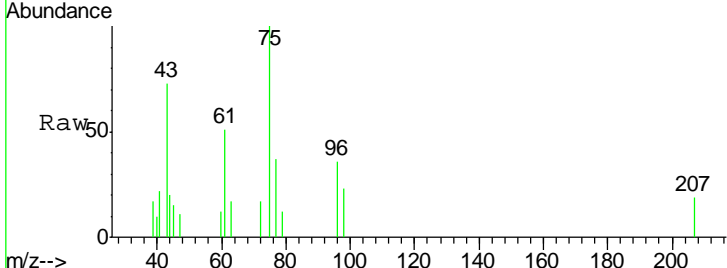


Tgt Ion: 43 Resp: 4290  
 Ion Ratio Lower Upper  
 43 100  
 72 23.3 20.4 30.6

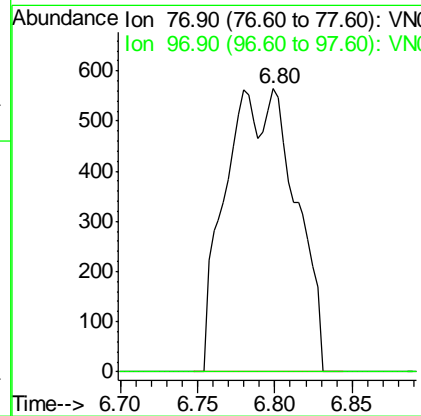
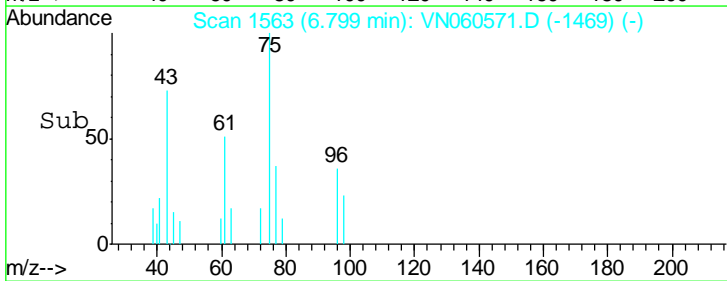
Manual Integrations APPROVED  
 MMDadoda  
 3/19/2020 1:02:13 PM

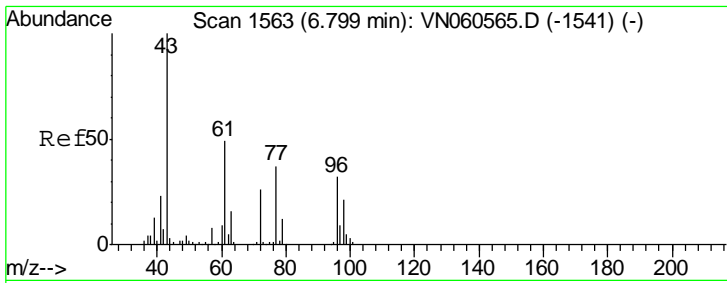


#26  
 2,2-Dichloropropane  
 Concen: 0.496 ug/l m  
 RT: 6.80 min Scan# 1563  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



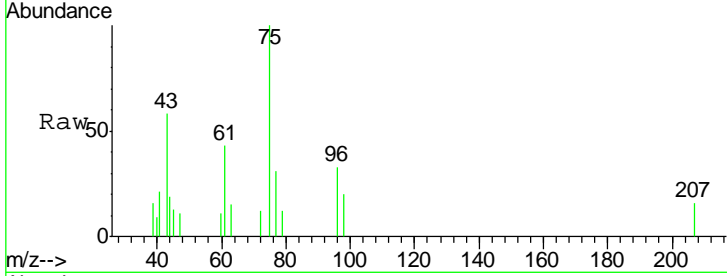
Tgt Ion: 77 Resp: 1765  
 Ion Ratio Lower Upper  
 77 100  
 97 0.0 11.4 34.1#





#27  
 cis-1,2-Dichloroethene  
 Concen: 0.581 ug/l  
 RT: 6.80 min Scan# 1562  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

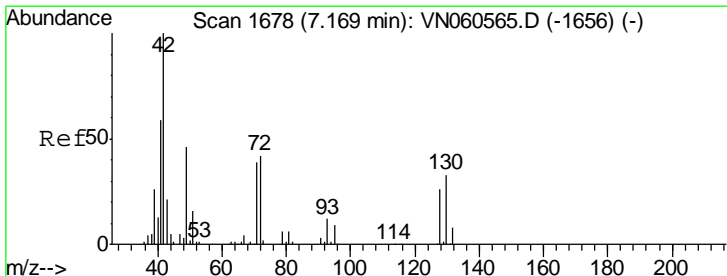
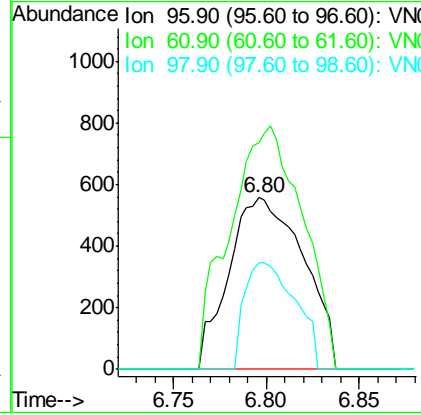
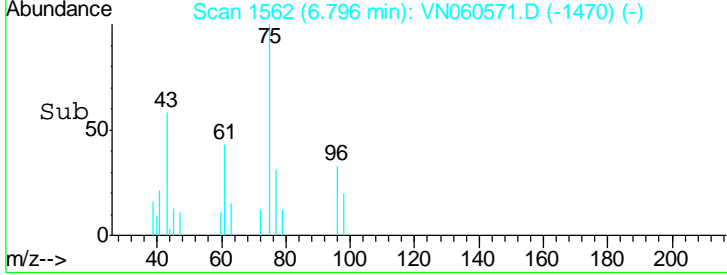
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020



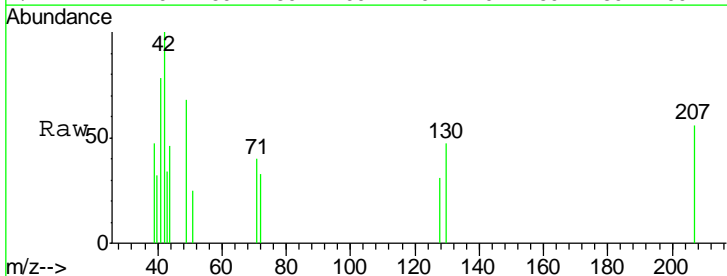
Tgt Ion: 96 Resp: 1569

Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	305.6
98	41.8	0.0	127.6

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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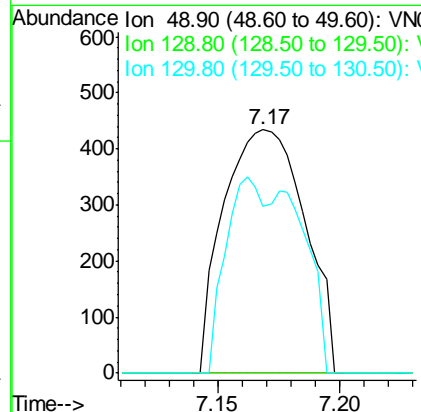
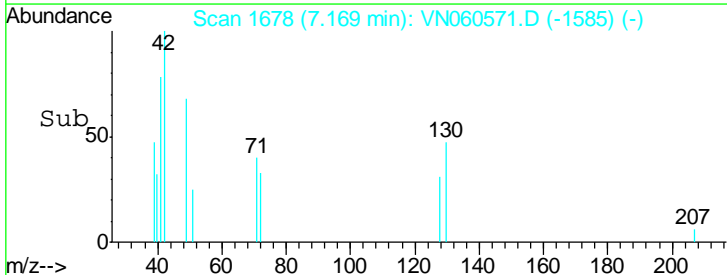


#28  
 Bromochloromethane  
 Concen: 0.464 ug/l  
 RT: 7.17 min Scan# 1678  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

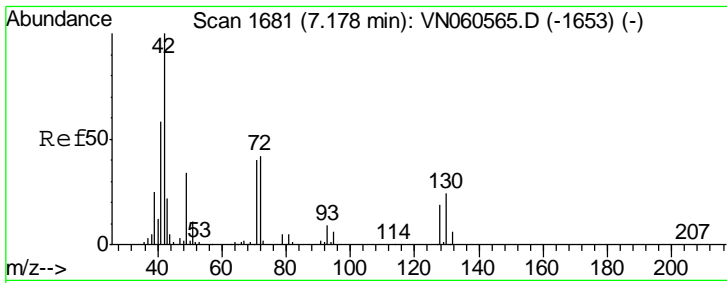


Tgt Ion: 49 Resp: 1004

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	37.6	55.0	82.4#







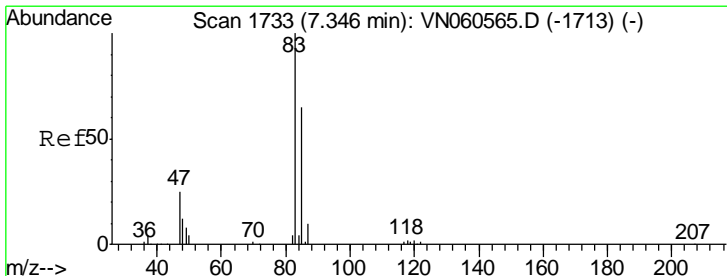
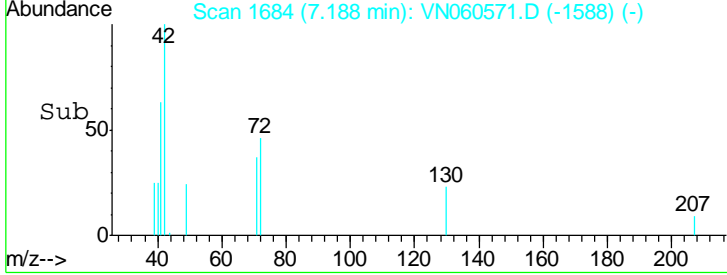
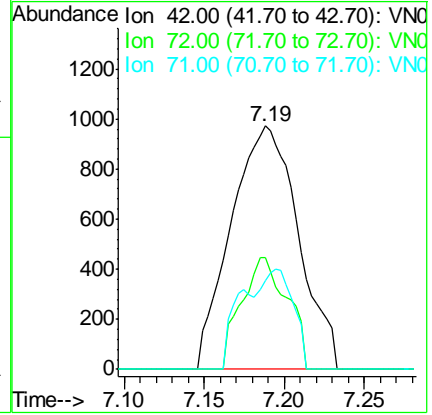
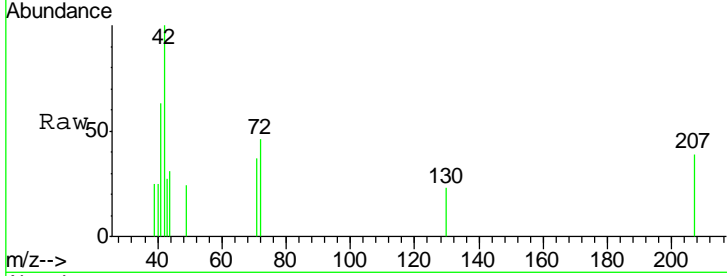
#29  
 Tetrahydrofuran  
 Concen: 2.447 ug/l  
 RT: 7.19 min Scan# 1684  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
42	100		
72	31.1	33.2	49.8#
71	19.9	31.1	46.7#

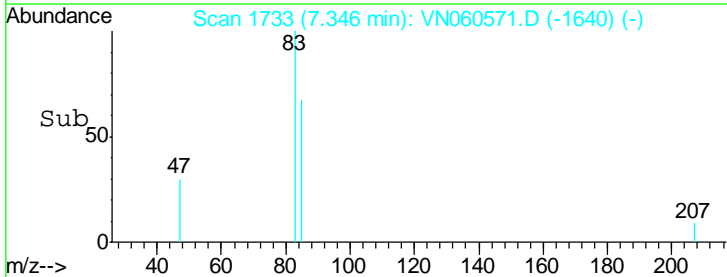
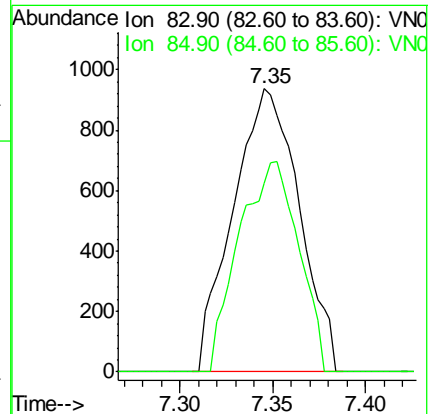
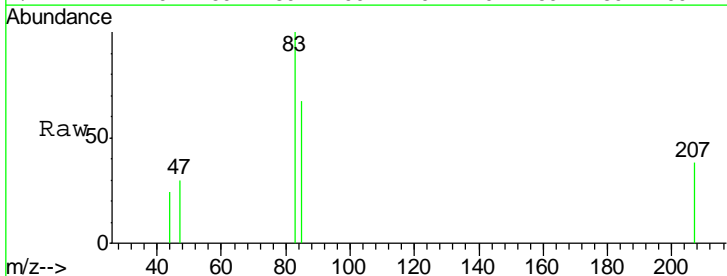
Manual Integrations  
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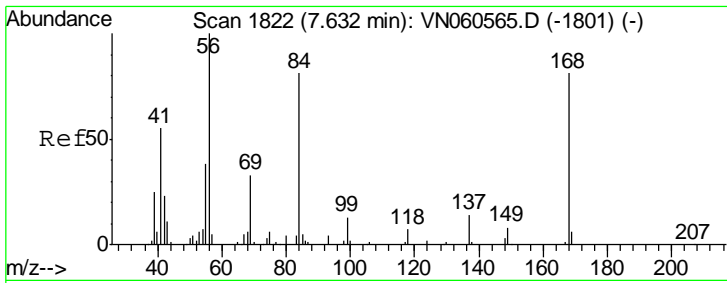
MMDadoda  
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#30  
 Chloroform  
 Concen: 0.536 ug/l  
 RT: 7.35 min Scan# 1733  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
83	100		
85	66.6	51.8	77.8





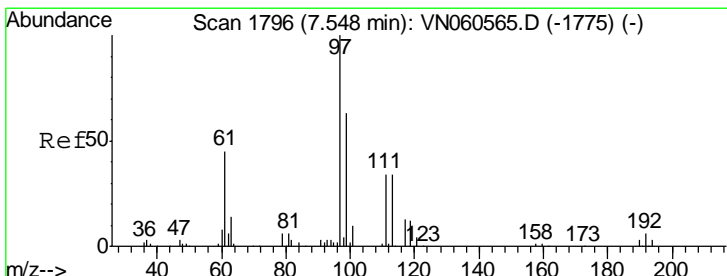
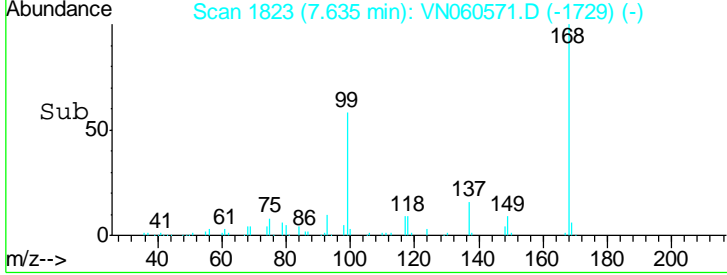
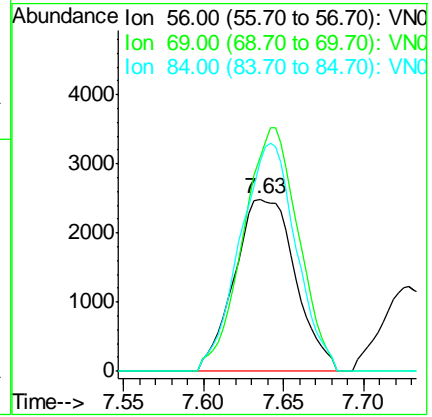
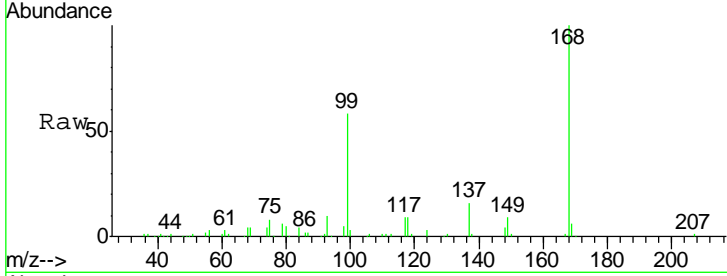
#31  
 Cyclohexane  
 Concen: 1.427 ug/l  
 RT: 7.63 min Scan# 1823  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
56	100		
69	124.3	26.6	40.0#
84	121.8	64.3	96.5#

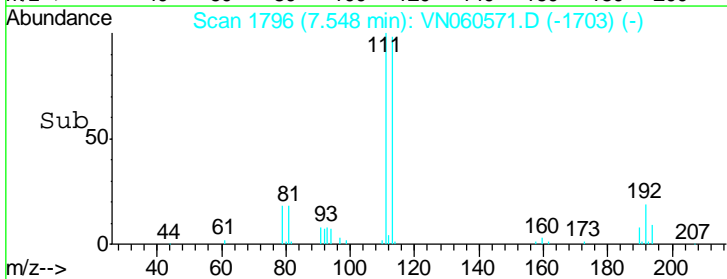
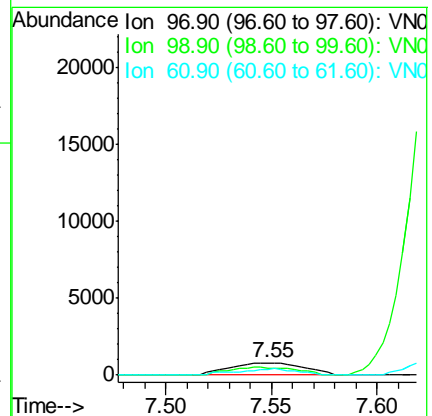
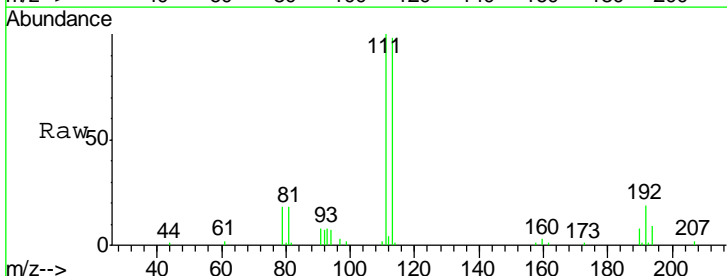
**Manual Integrations**  
**APPROVED**

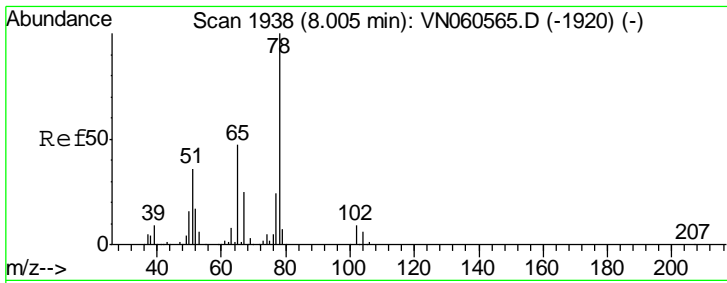
MMDadoda  
 3/19/2020 1:02:13 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 0.529 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
97	100		
99	0.0	50.6	75.8#
61	40.8	36.2	54.4



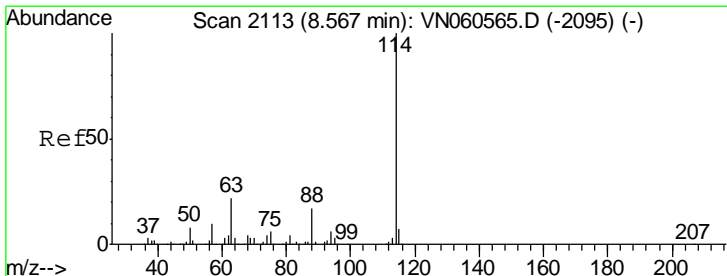
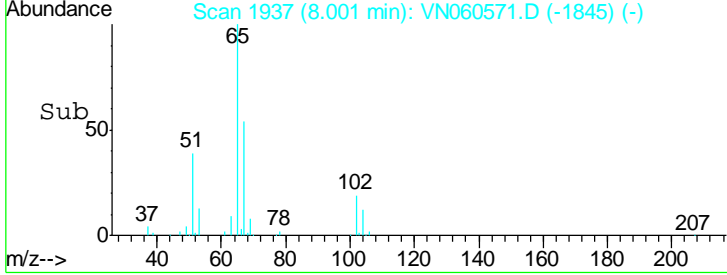
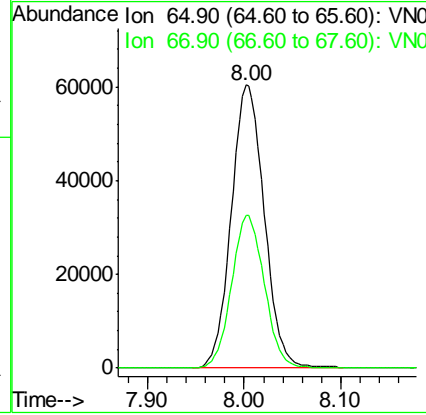
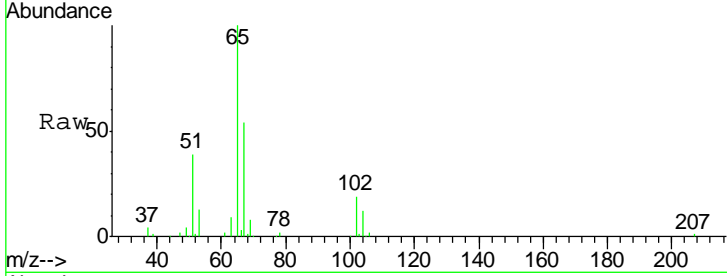


#33  
 1,2-Dichloroethane-d4  
 Concen: 50.628 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

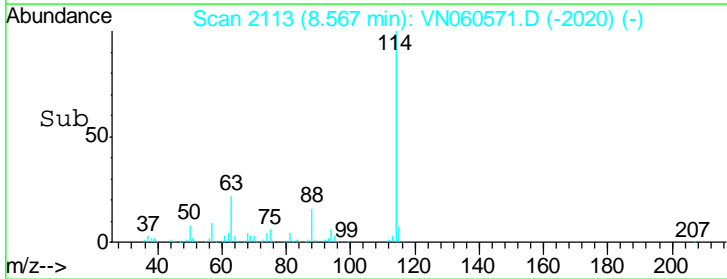
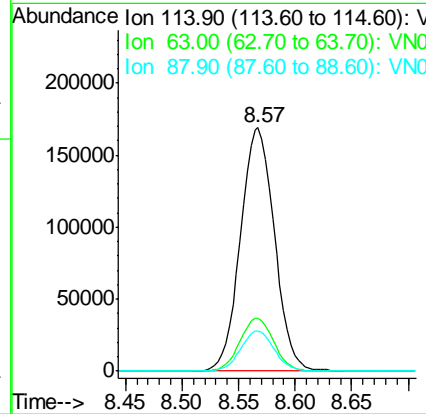
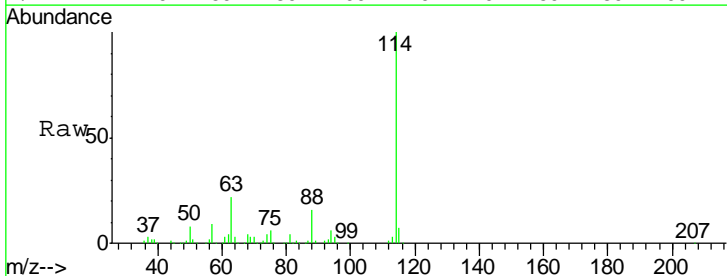
Tgt Ion	Resp	Lower	Upper
65	143195		
65	100		
67	53.4	0.0	107.6

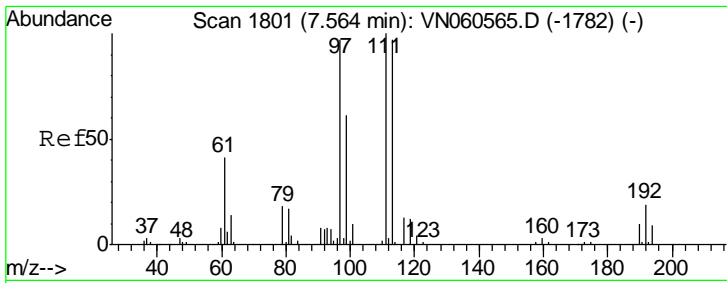
**Manual Integrations**  
**APPROVED**  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

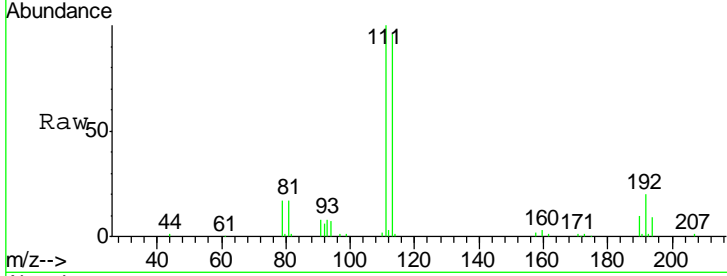
Tgt Ion	Resp	Lower	Upper
114	353043		
114	100		
63	22.0	0.0	43.8
88	16.4	0.0	33.0





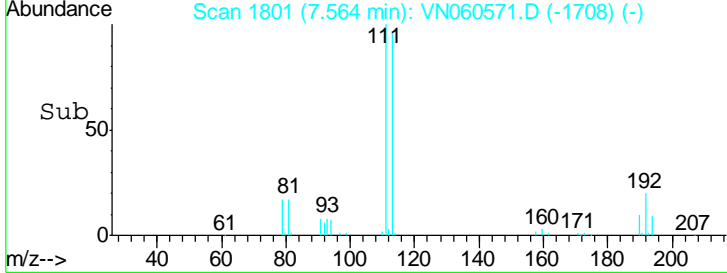
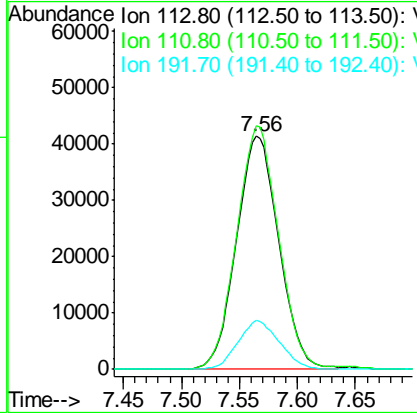
#35  
 Dibromofluoromethane  
 Concen: 49.389 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020



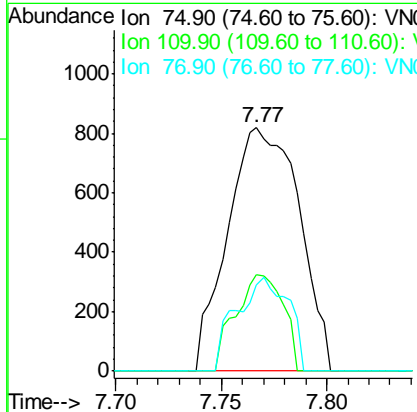
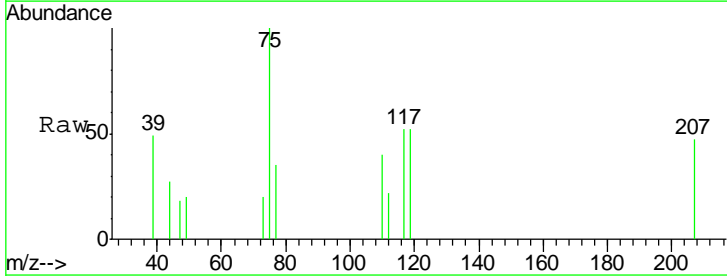
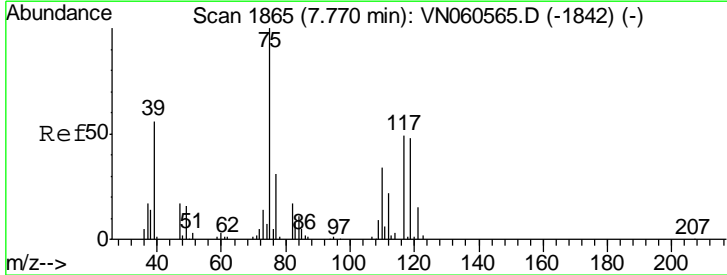
Tgt Ion	Resp	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	20.5	15.8	23.8

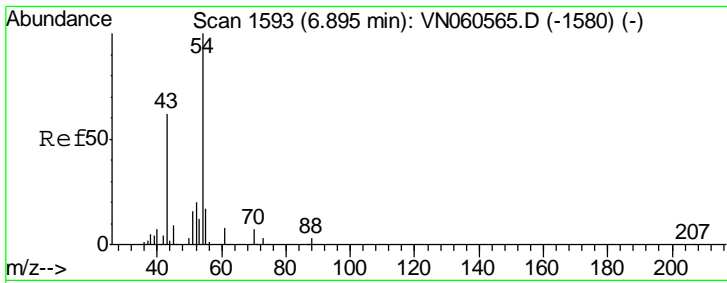
**Manual Integrations**  
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#36  
 1,1-Dichloropropene  
 Concen: 0.565 ug/l  
 RT: 7.77 min Scan# 1864  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

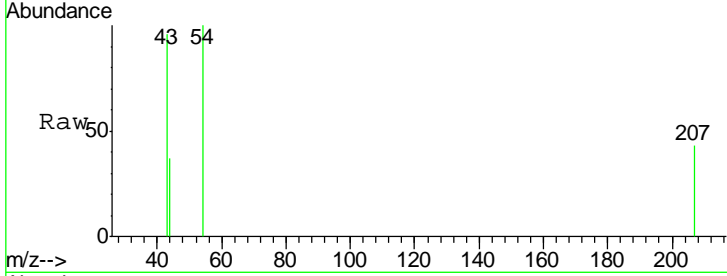
Tgt Ion	Resp	Lower	Upper
75	100		
110	26.3	16.9	50.6
77	28.0	24.6	36.8





#37  
 Ethyl Acetate  
 Concen: 0.334 ug/l  
 RT: 6.90 min Scan# 1595  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

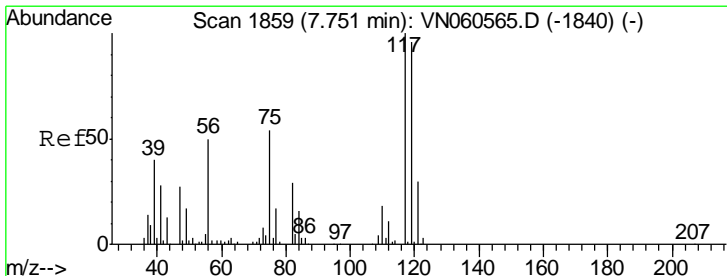
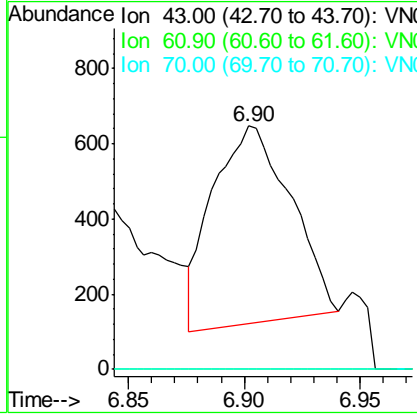
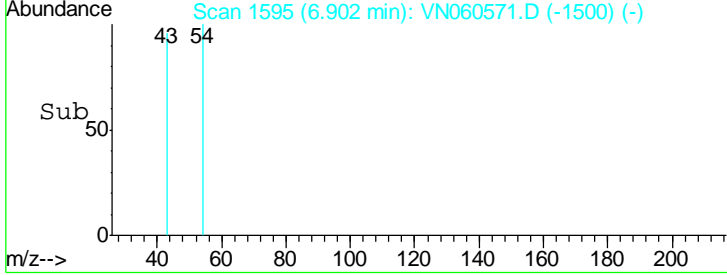
Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020



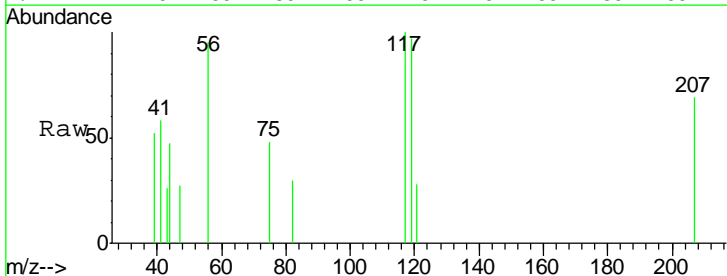
Tgt Ion	Resp	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	7.9	11.9#

Manual Integrations  
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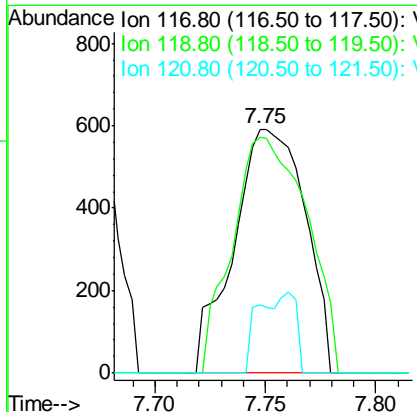
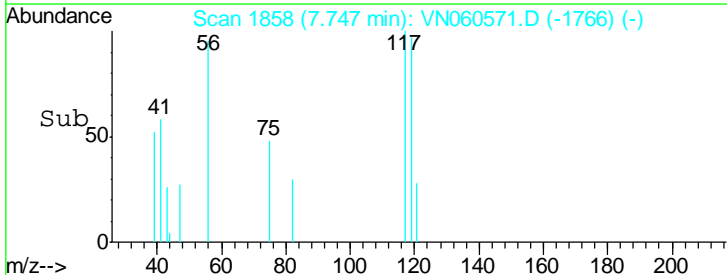
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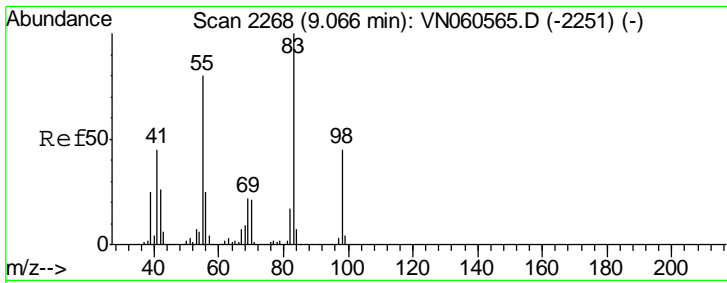


#38  
 Carbon Tetrachloride  
 Concen: 0.435 ug/l  
 RT: 7.75 min Scan# 1858  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



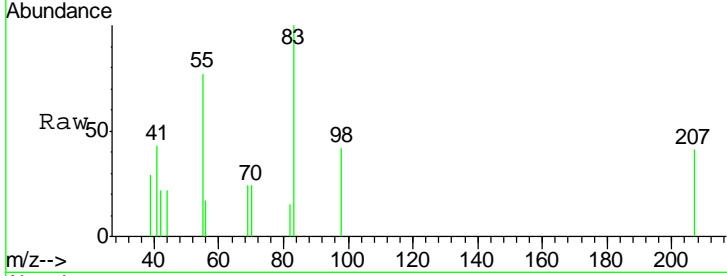
Tgt Ion	Resp	Lower	Upper
117	100		
119	96.8	76.2	114.2
121	27.9	23.7	35.5





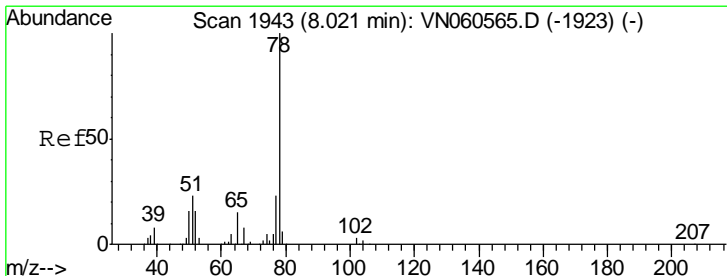
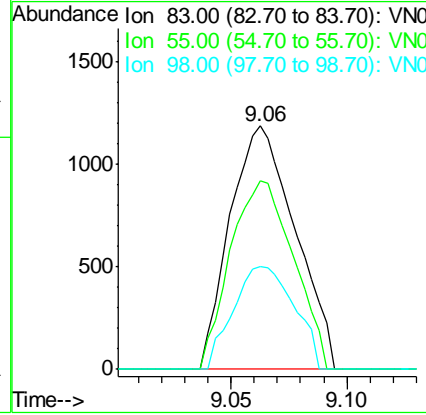
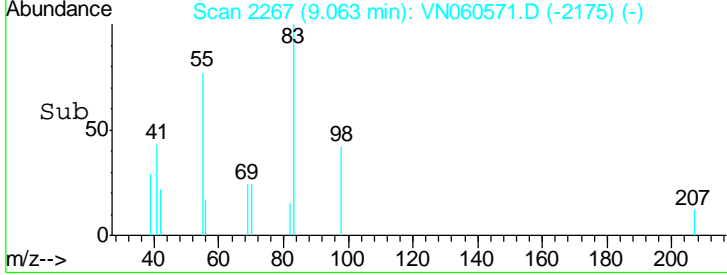
#39  
 Methylcyclohexane  
 Concen: 0.570 ug/l  
 RT: 9.06 min Scan# 2267  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 LOD-MDL-WATER-01-QT1-2020

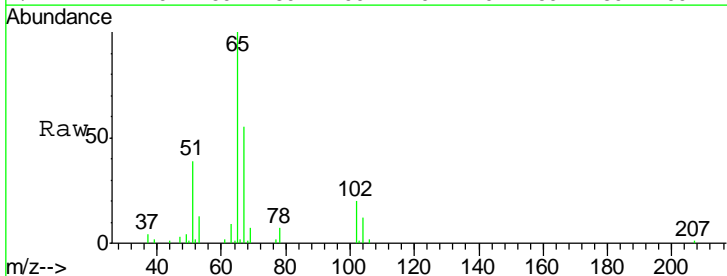


Tgt Ion	Resp	Lower	Upper
83	100		
55	77.4	63.6	95.4
98	42.3	36.0	54.0

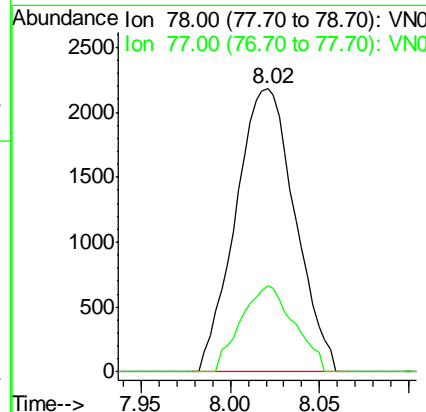
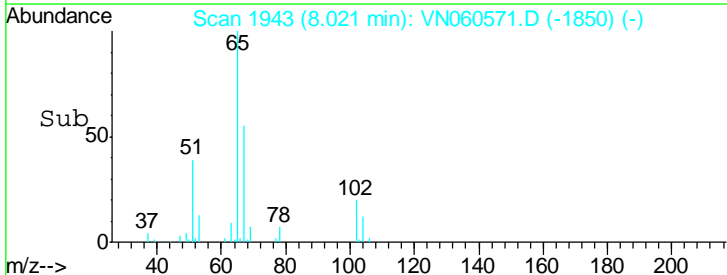
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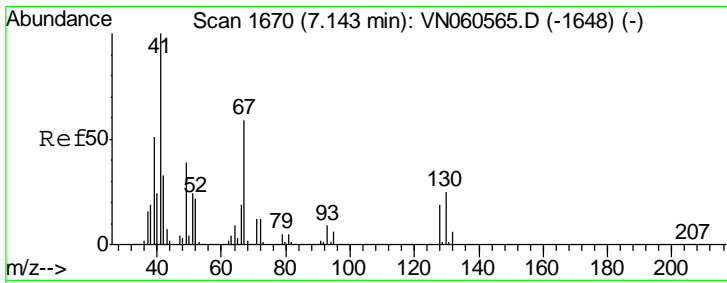


#40  
 Benzene  
 Concen: 0.490 ug/l  
 RT: 8.02 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



Tgt Ion	Resp	Lower	Upper
78	100		
77	30.6	18.6	28.0#





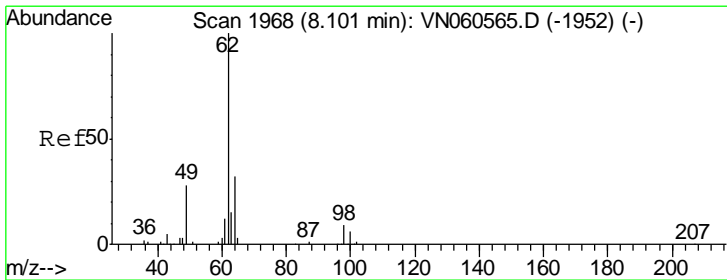
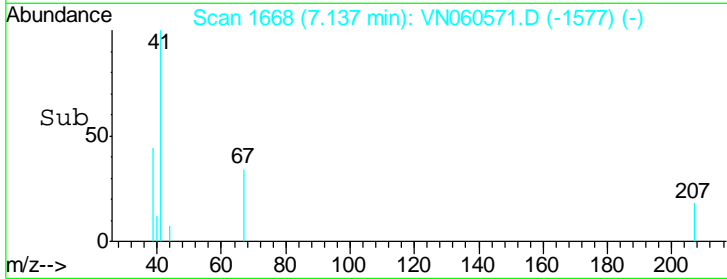
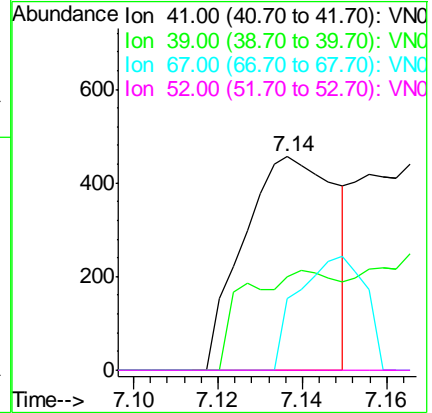
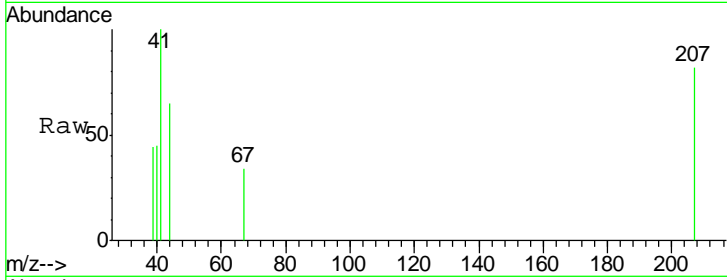
#41  
 Methacrylonitrile  
 Concen: 0.440 ug/l  
 RT: 7.14 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
41	100		
39	47.3	0.0	0.0#
67	38.5	0.0	0.0#
52	0.0	0.0	0.0

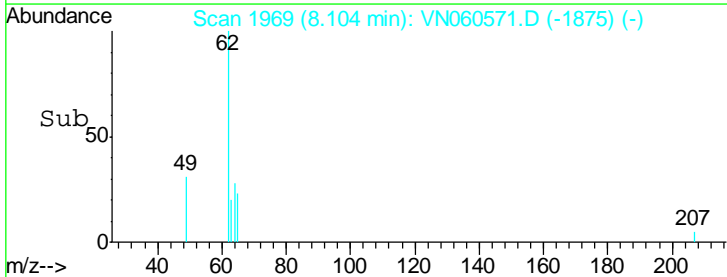
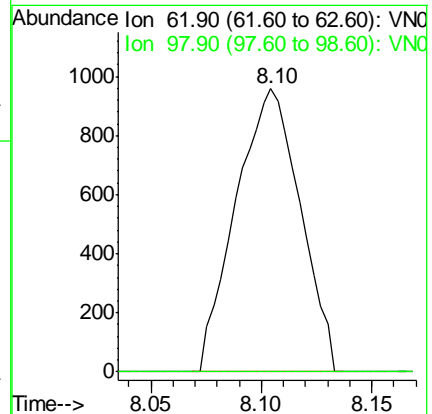
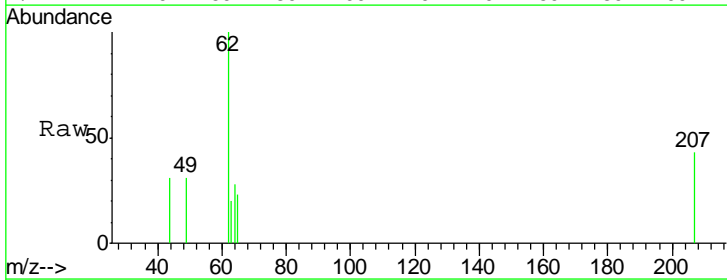
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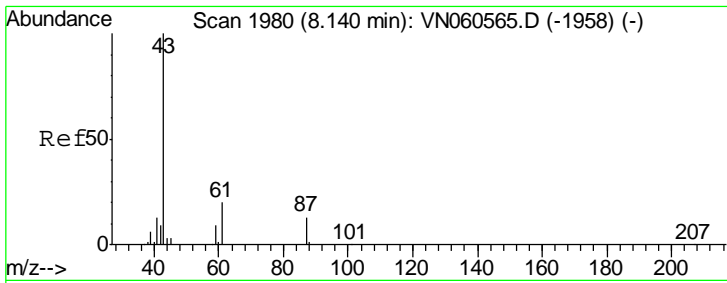
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#42  
 1,2-Dichloroethane  
 Concen: 0.549 ug/l  
 RT: 8.10 min Scan# 1969  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

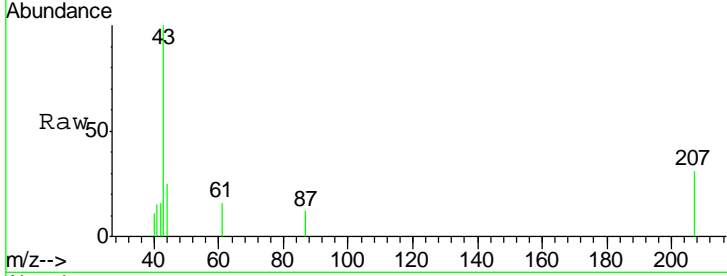
Tgt Ion	Resp	Lower	Upper
62	100		
98	0.0	0.0	17.8





#43  
 Isopropyl Acetate  
 Concen: 0.480 ug/l  
 RT: 8.14 min Scan# 1981  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

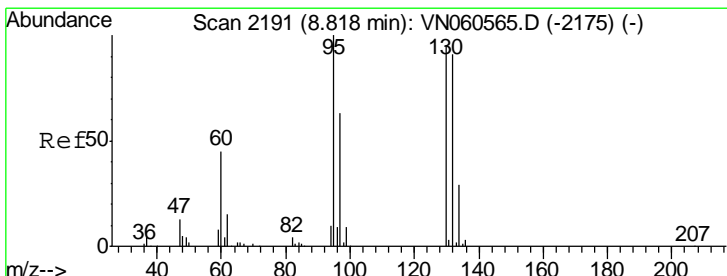
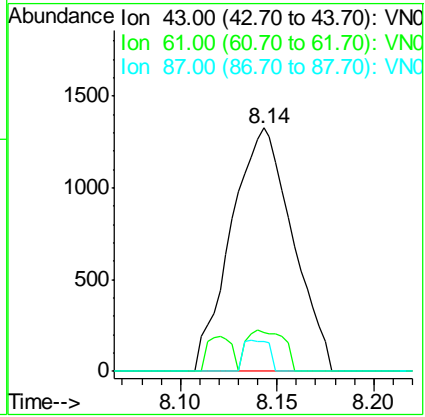
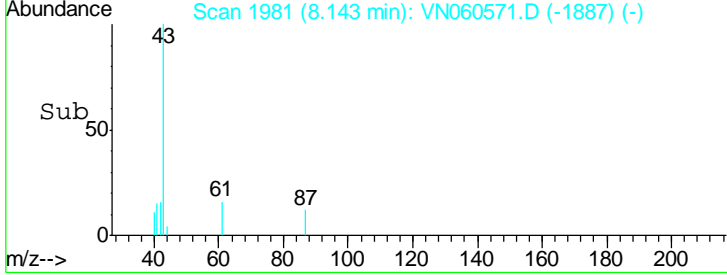
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020



Tgt Ion: 43 Resp: 2927

Ion	Ratio	Lower	Upper
43	100		
61	10.2	20.7	31.1#
87	5.4	9.8	14.8#

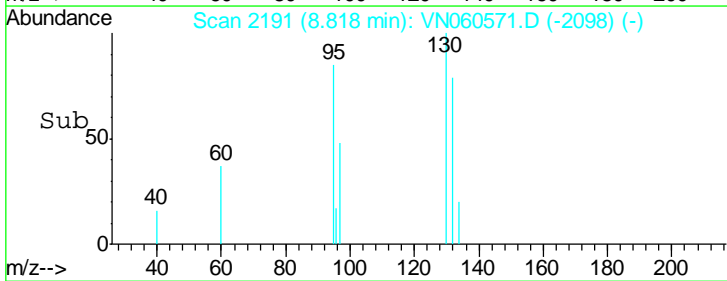
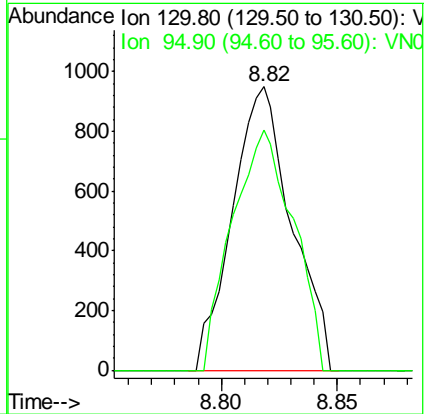
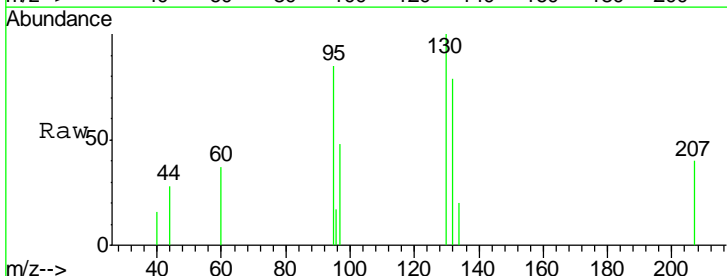
**Manual Integrations**  
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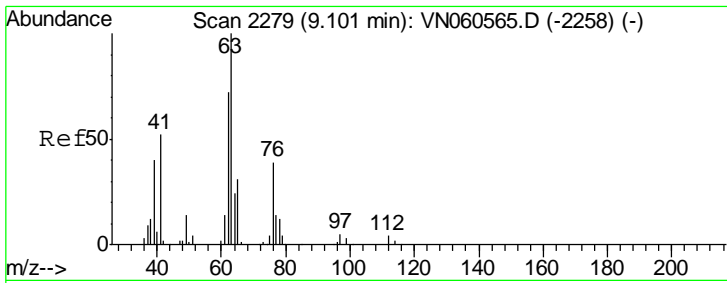
#44  
 Trichloroethene  
 Concen: 0.648 ug/l  
 RT: 8.82 min Scan# 2191  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion: 130 Resp: 1687

Ion	Ratio	Lower	Upper
130	100		
95	84.6	0.0	211.2







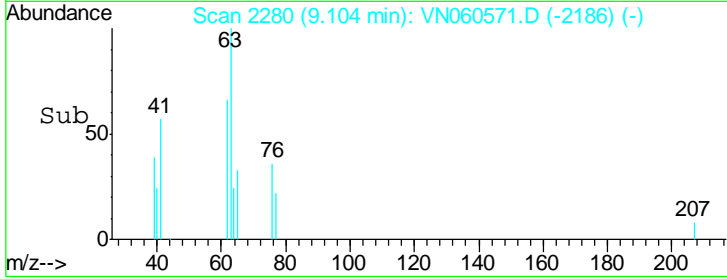
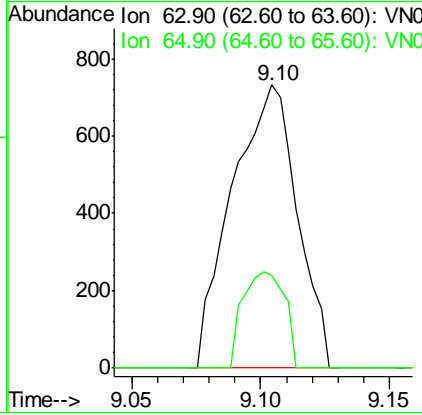
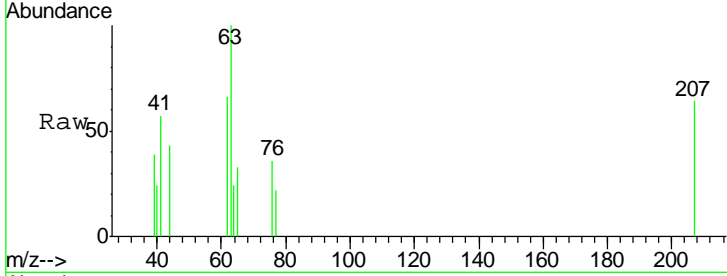
#45  
 1,2-Dichloropropane  
 Concen: 0.473 ug/l  
 RT: 9.10 min Scan# 2280  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
63	100		
65	32.8	25.4	38.0

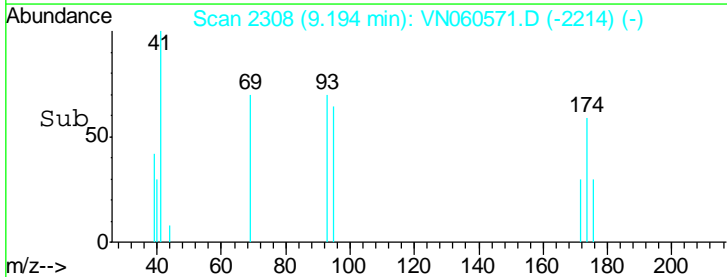
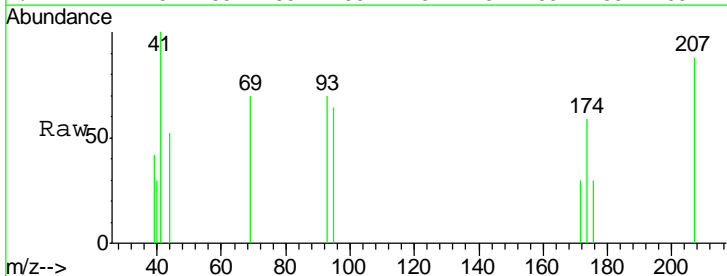
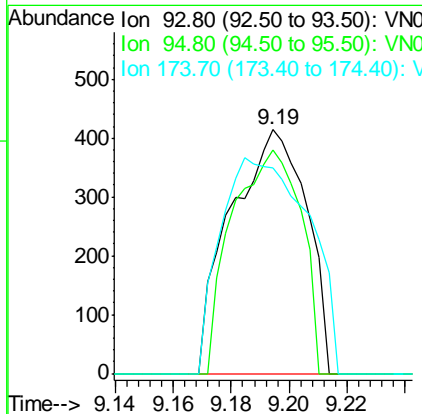
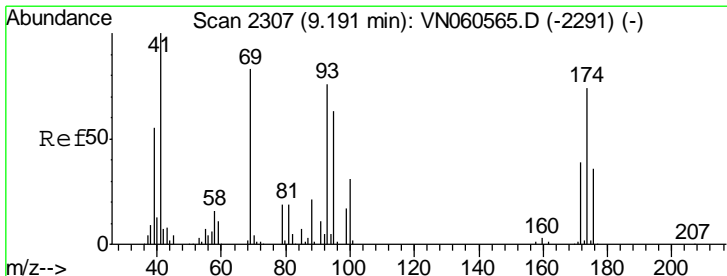
**Manual Integrations**  
**APPROVED**

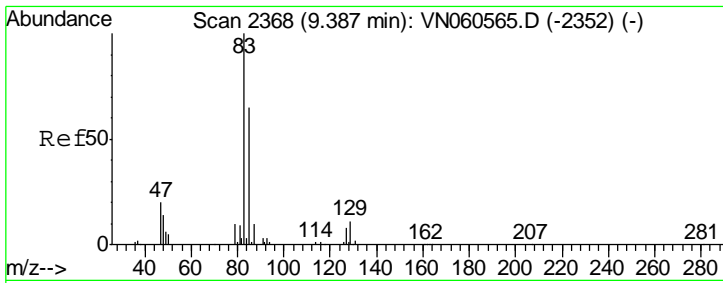
MMDadoda  
 3/19/2020 1:02:13 PM



#46  
 Dibromomethane  
 Concen: 0.455 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
93	100		
95	83.3	66.2	99.4
174	102.7	77.9	116.9





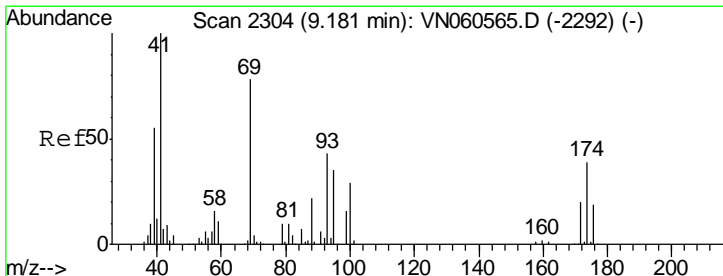
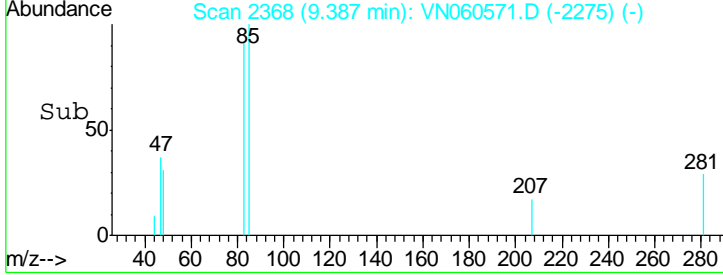
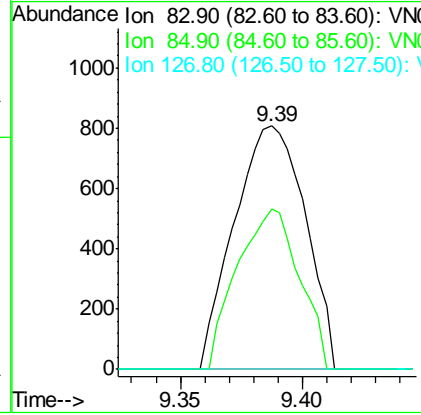
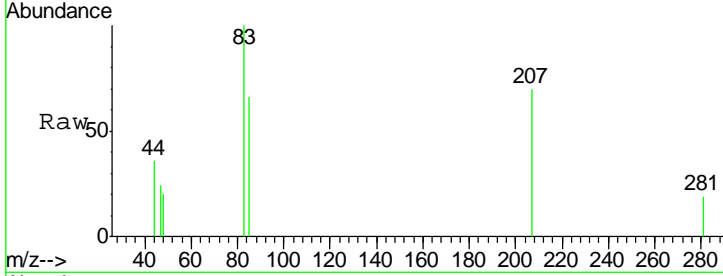
#47  
 Bromodichloromethane  
 Concen: 0.477 ug/l  
 RT: 9.39 min Scan# 2368  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
83	1632		
85	65.7	51.8	77.6
127	0.0	6.5	9.7#

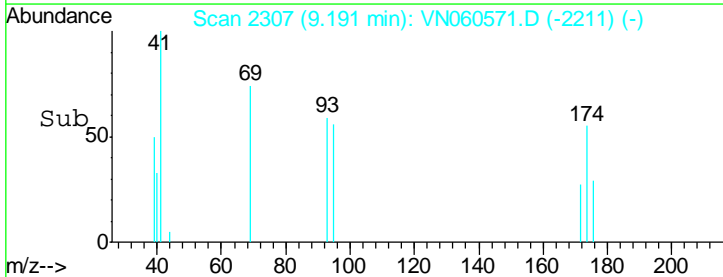
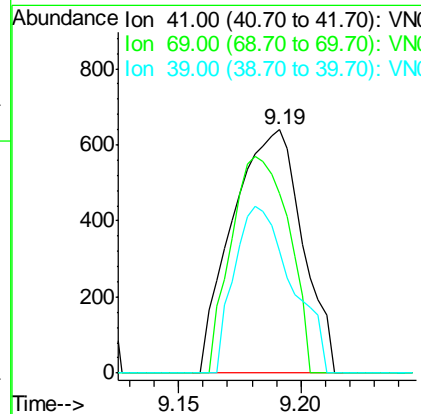
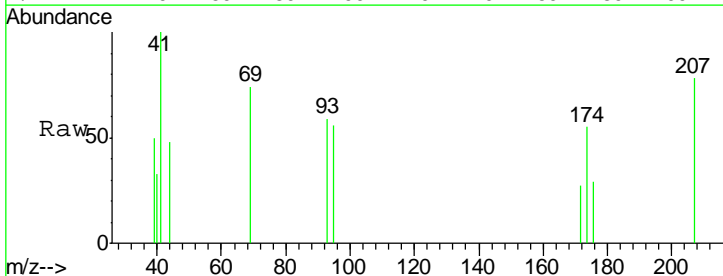
**Manual Integrations**  
**APPROVED**

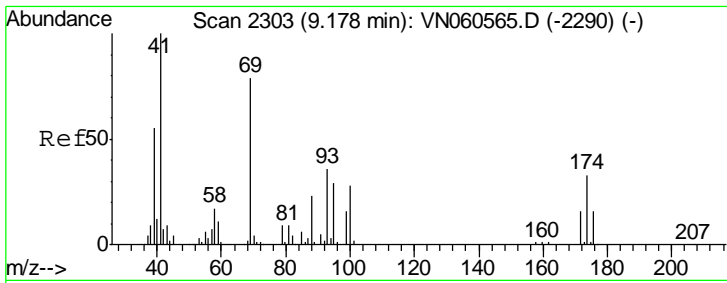
MMDadoda  
 3/19/2020 1:02:13 PM



#48  
 Methyl methacrylate  
 Concen: 0.468 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

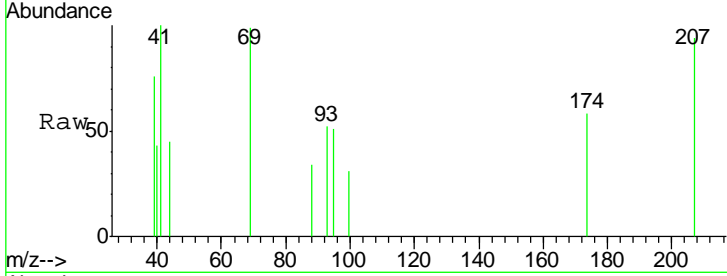
Tgt Ion	Resp	Lower	Upper
41	1268		
69	73.6	65.4	98.0
39	56.5	44.0	66.0





#49  
 1,4-Dioxane  
 Concen: 4.281 ug/l  
 RT: 9.18 min Scan# 2304  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

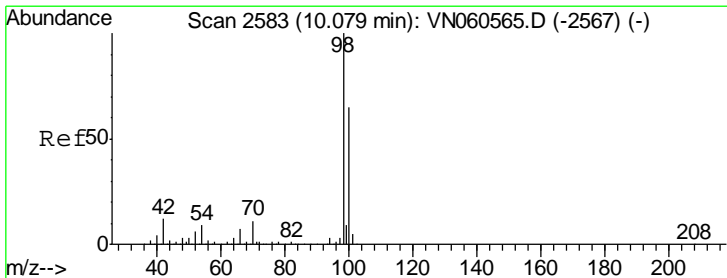
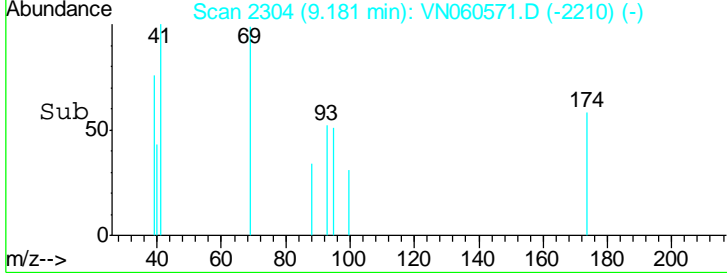
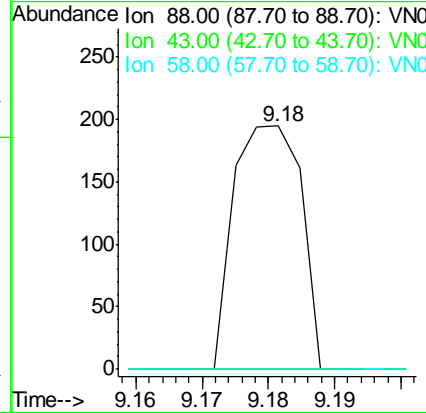
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020



Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.8	46.2#
58	0.0	59.8	89.8#

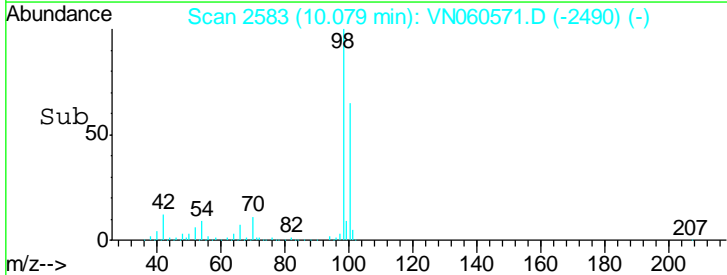
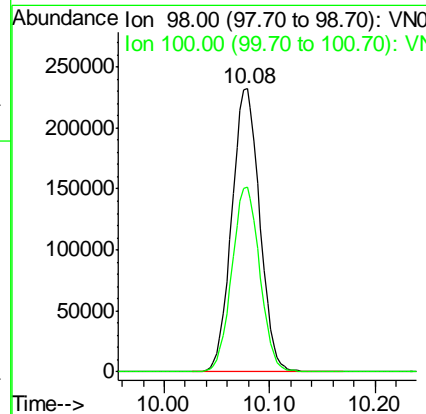
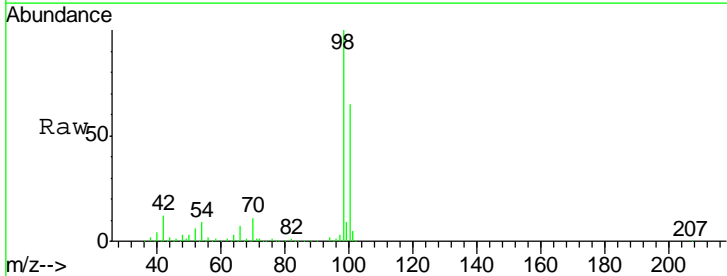
**Manual Integrations**  
**APPROVED**

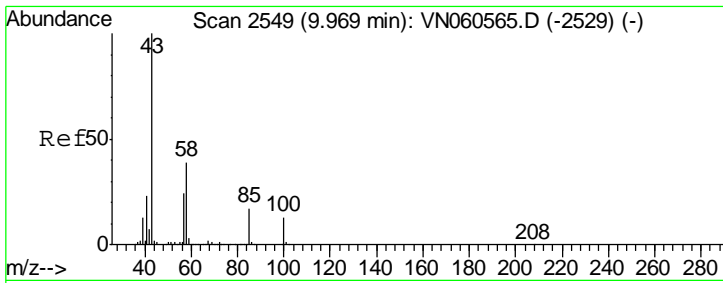
MMDadoda  
 3/19/2020 1:02:13 PM



#50  
 Toluene-d8  
 Concen: 48.798 ug/l  
 RT: 10.08 min Scan# 2583  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.8



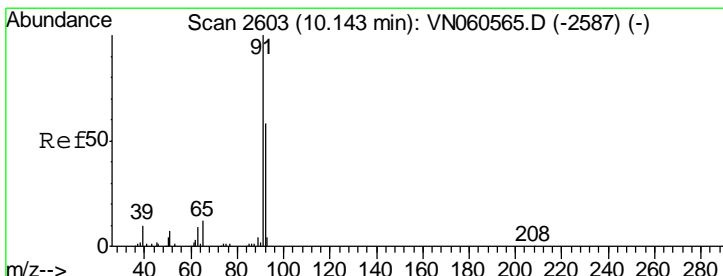
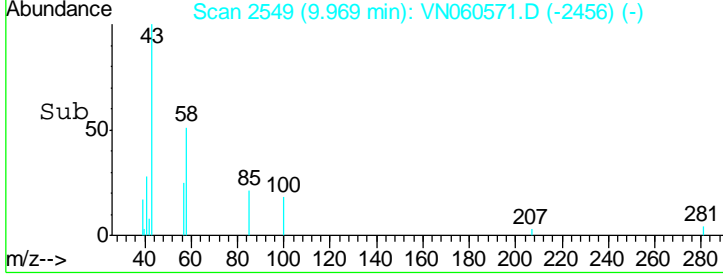
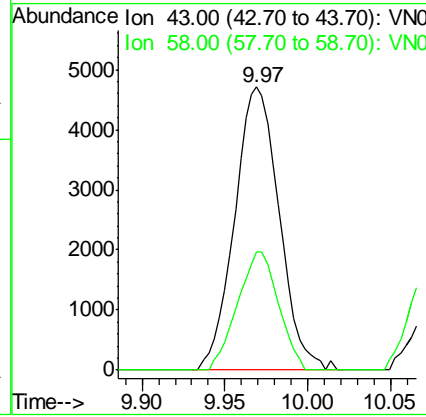
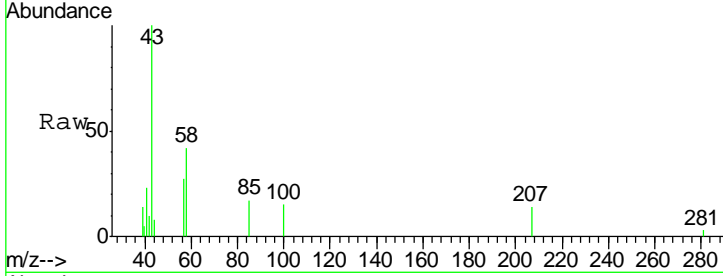


#51  
 4-Methyl-2-Pentanone  
 Concen: 2.541 ug/l  
 RT: 9.97 min Scan# 2549  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

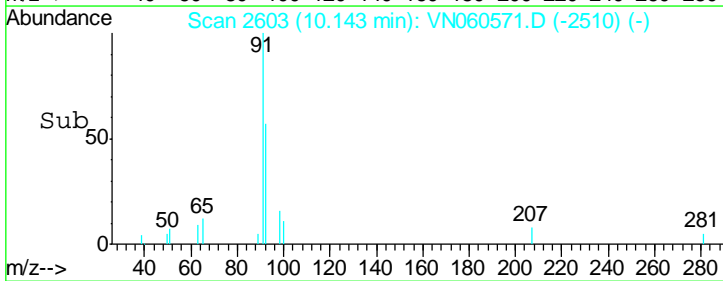
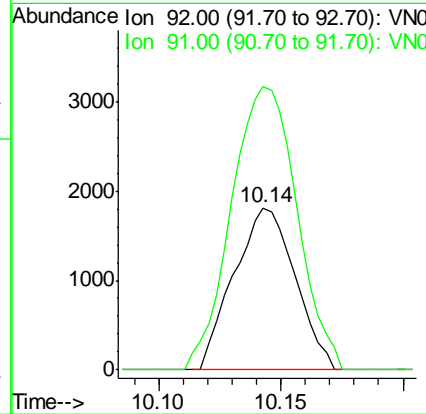
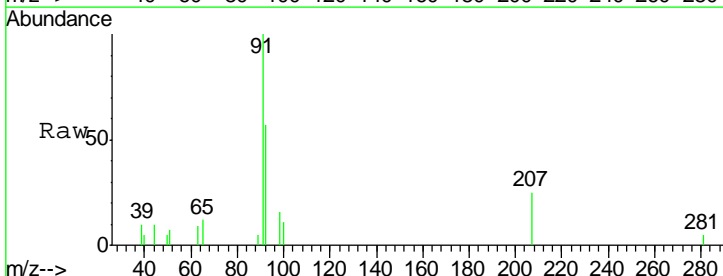
Tgt Ion	Resp	Lower	Upper
43	100		
58	38.1	30.8	46.2

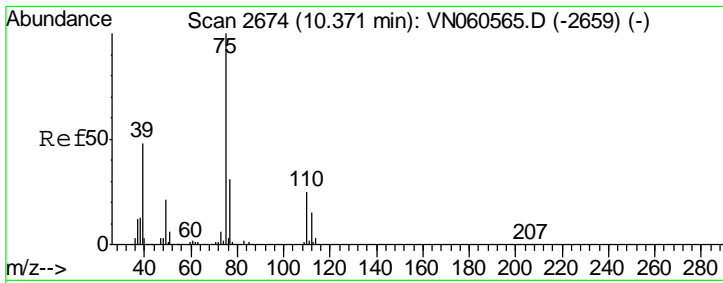
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/19/2020 1:02:13 PM



#52  
 Toluene  
 Concen: 0.507 ug/l  
 RT: 10.14 min Scan# 2603  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

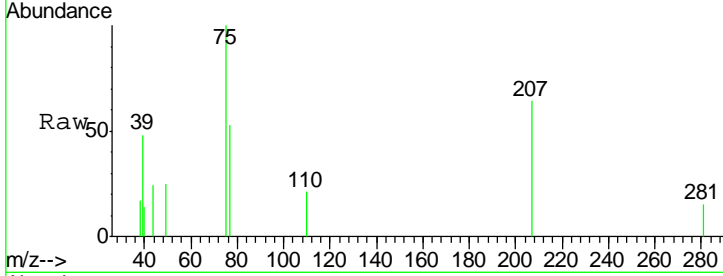
Tgt Ion	Resp	Lower	Upper
92	100		
91	186.8	137.6	206.4





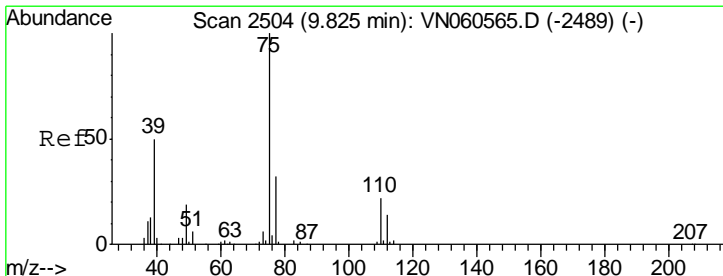
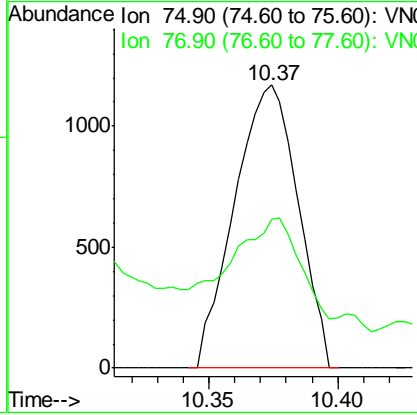
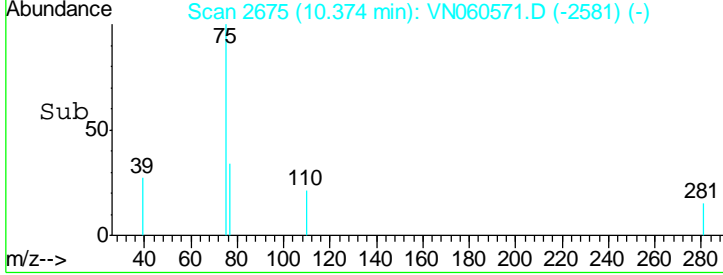
#53  
 t-1,3-Dichloropropene  
 Concen: 0.510 ug/l  
 RT: 10.37 min Scan# 2675  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

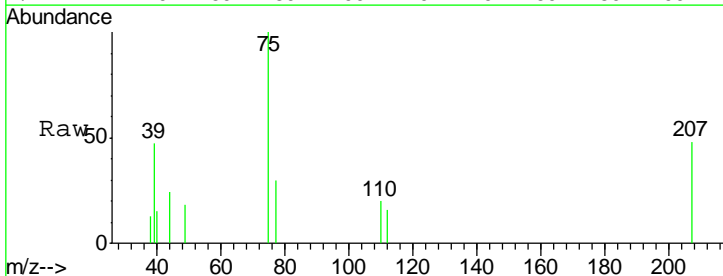


Tgt Ion: 75 Resp: 2004  
 Ion Ratio Lower Upper  
 75 100  
 77 34.9 25.1 37.7

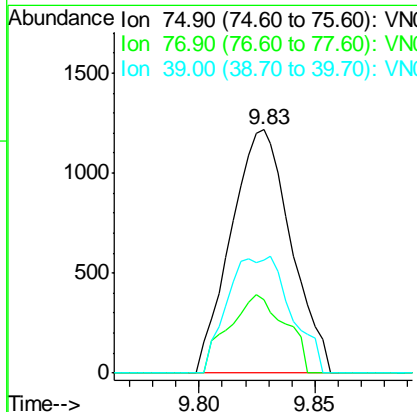
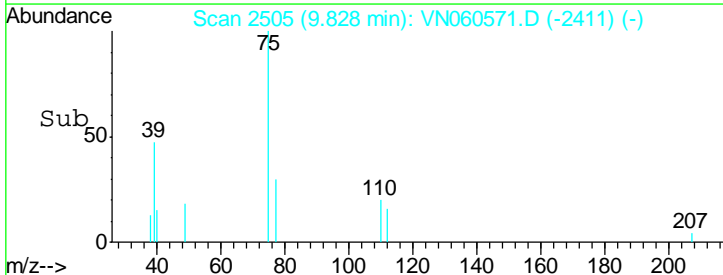
Manual Integrations APPROVED  
 MMDadoda  
 3/19/2020 1:02:13 PM

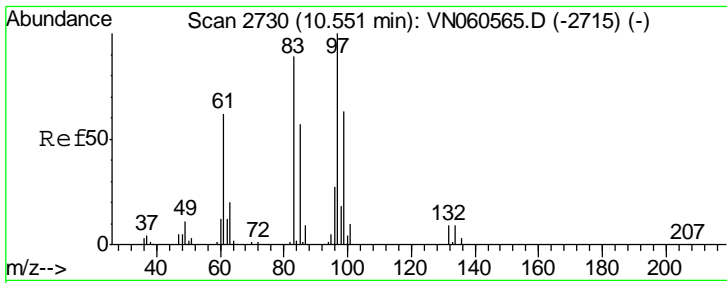


#54  
 cis-1,3-Dichloropropene  
 Concen: 0.506 ug/l  
 RT: 9.83 min Scan# 2505  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



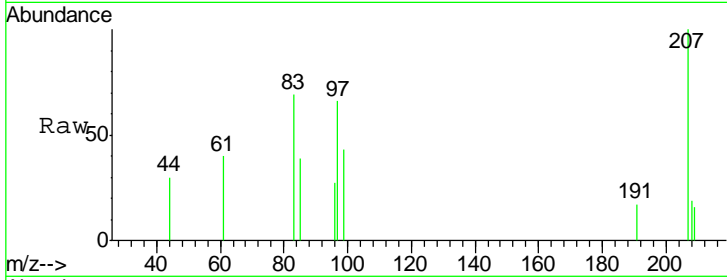
Tgt Ion: 75 Resp: 2181  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 25.4 38.0  
 39 46.7 40.2 60.4





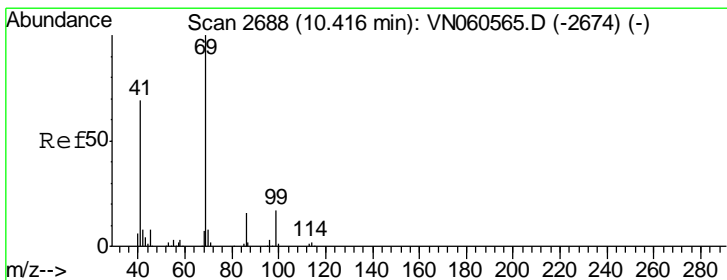
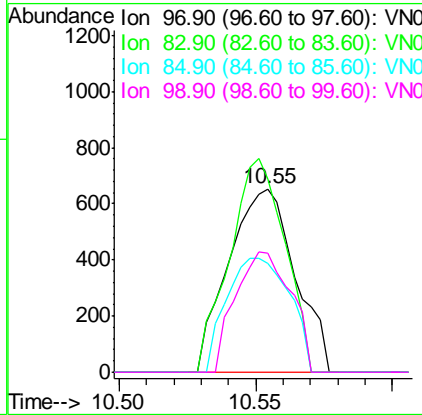
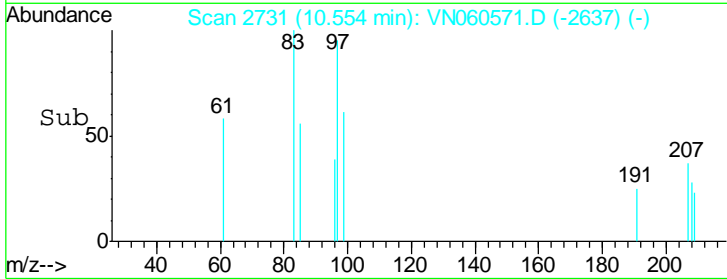
#55  
 1,1,2-Trichloroethane  
 Concen: 0.460 ug/l  
 RT: 10.55 min Scan# 2731  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

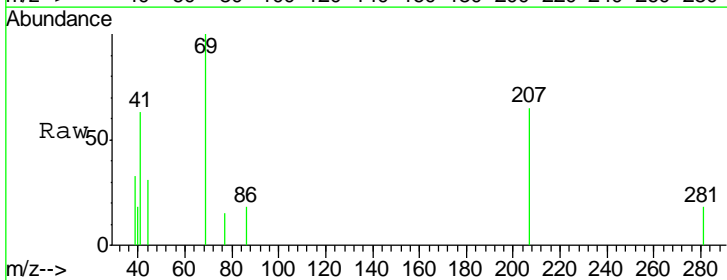


Tgt Ion	Resp	Lower	Upper
97	1102		
97	100		
83	105.2	71.3	106.9
85	59.3	45.2	67.8
99	64.6	50.1	75.1

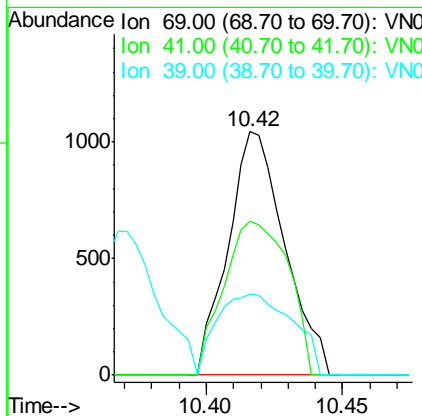
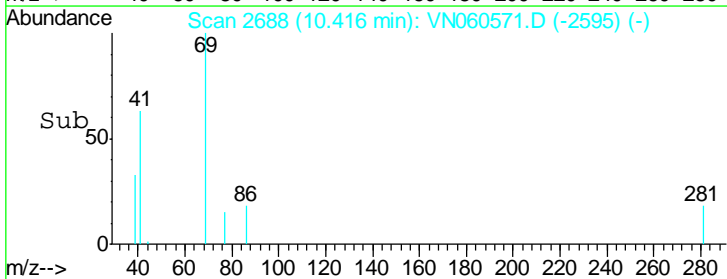
Manual Integrations  
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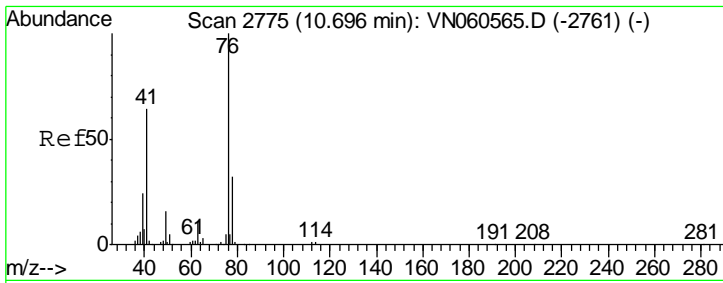


#56  
 Ethyl methacrylate  
 Concen: 0.403 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



Tgt Ion	Resp	Lower	Upper
69	1508		
69	100		
41	72.0	55.4	83.2
39	44.2	29.4	44.0#



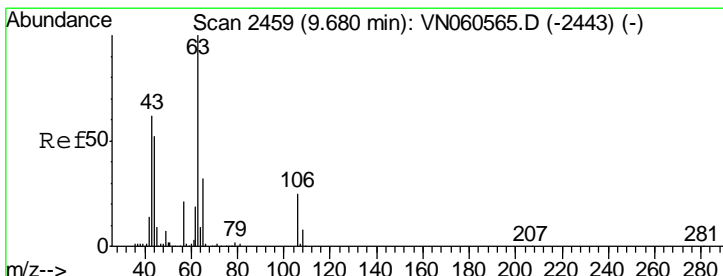
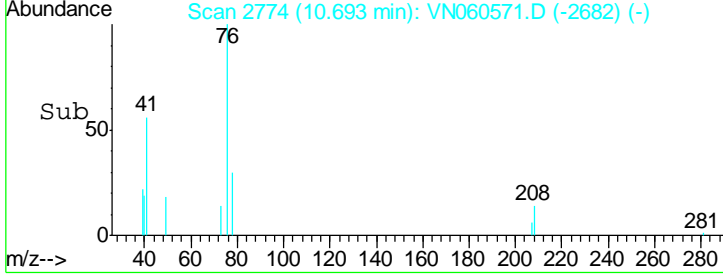
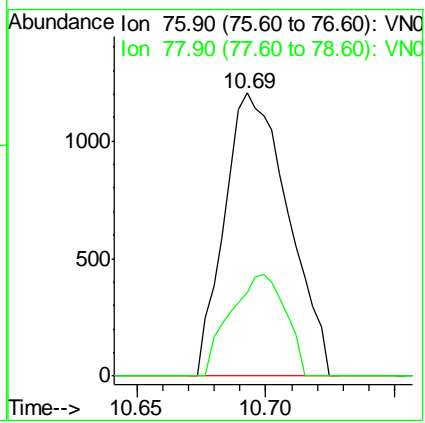
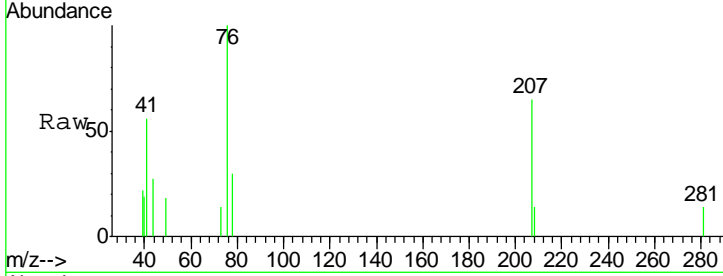


#57  
 1,3-Dichloropropane  
 Concen: 0.499 ug/l  
 RT: 10.69 min Scan# 2774  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

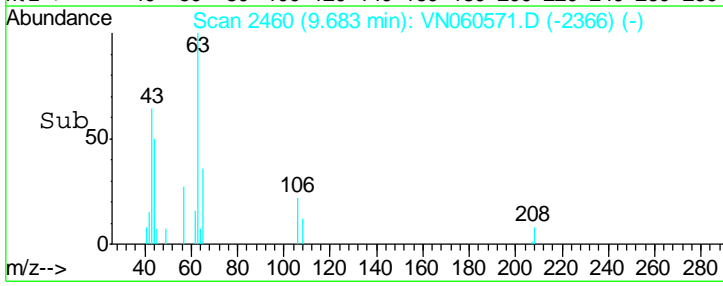
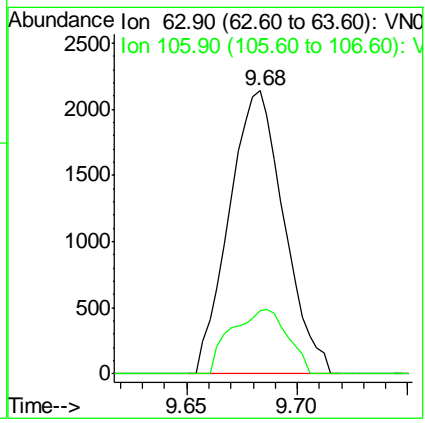
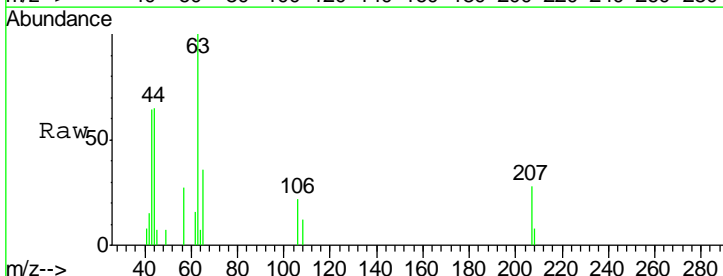
Tgt Ion	Resp	Lower	Upper
76	100		
78	31.2	25.8	38.6

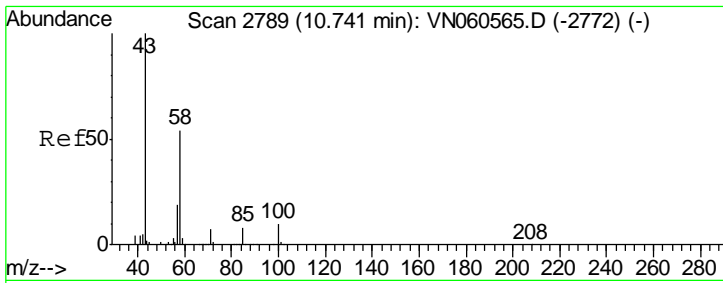
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/19/2020 1:02:13 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 1.986 ug/l  
 RT: 9.68 min Scan# 2460  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
63	100		
106	23.3	20.0	30.0



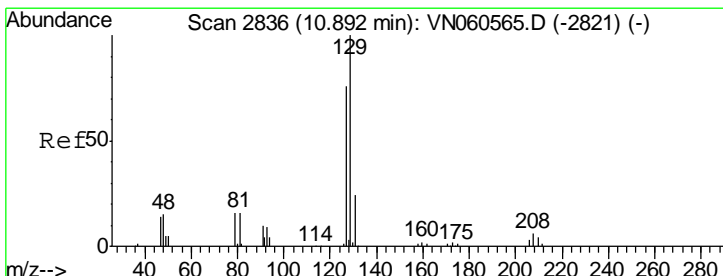
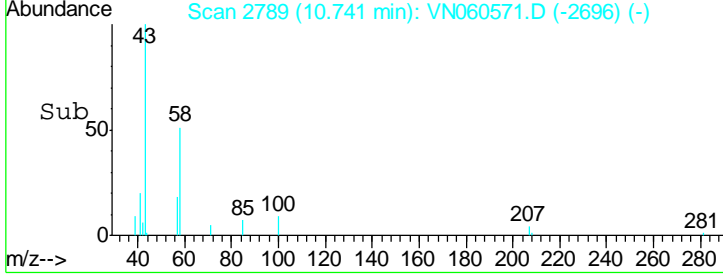
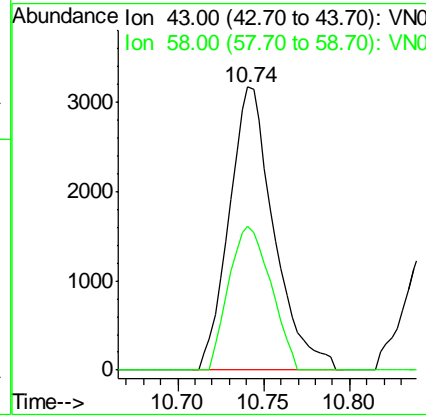
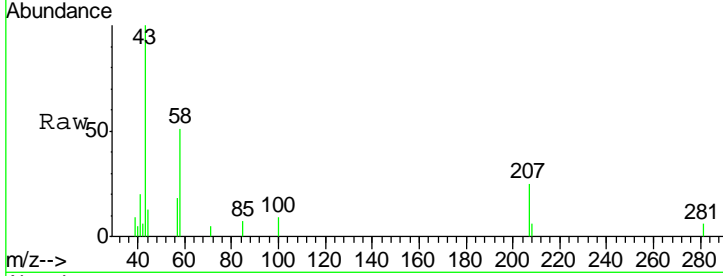


#59  
 2-Hexanone  
 Concen: 2.308 ug/l  
 RT: 10.74 min Scan# 2789  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

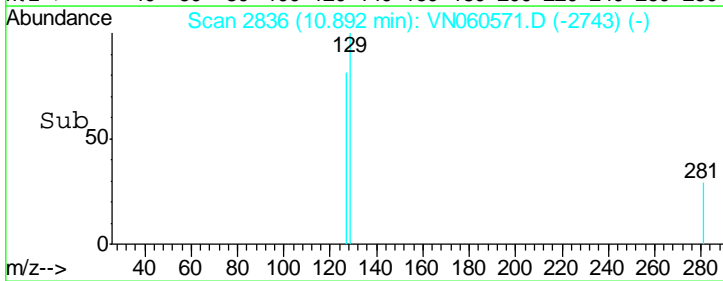
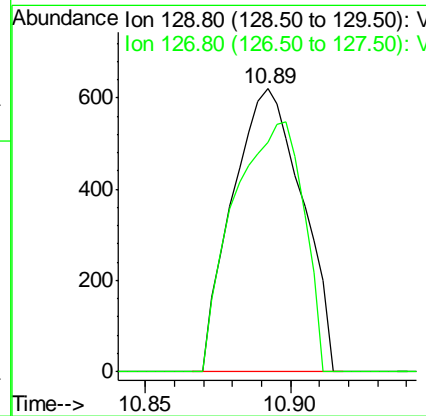
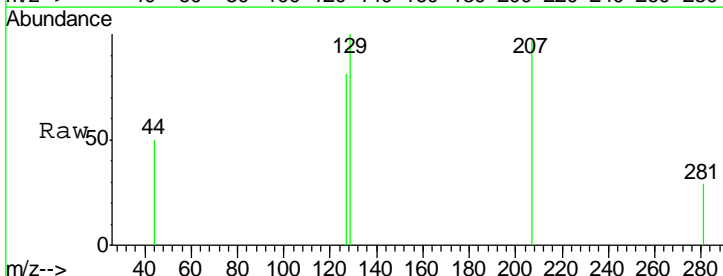
Tgt Ion	Resp	Lower	Upper
43	100		
58	47.7	26.7	80.1

Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/19/2020 1:02:13 PM

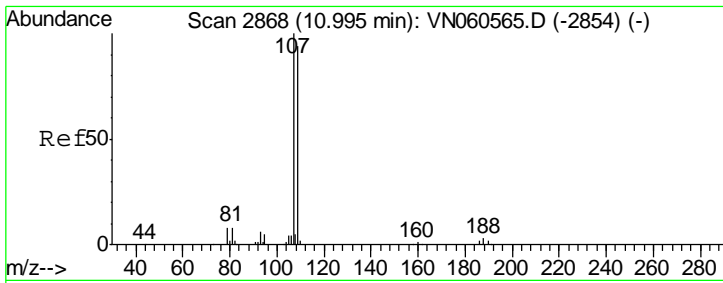


#60  
 Dibromochloromethane  
 Concen: 0.417 ug/l  
 RT: 10.89 min Scan# 2836  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
129	100		
127	88.8	38.5	115.5





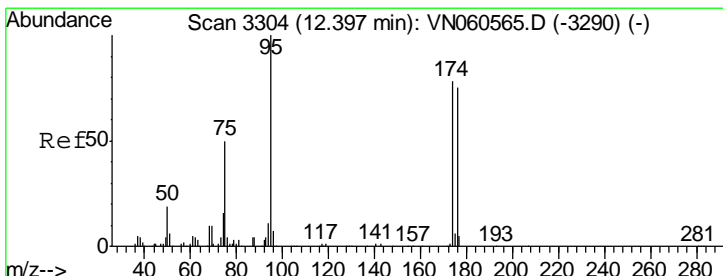
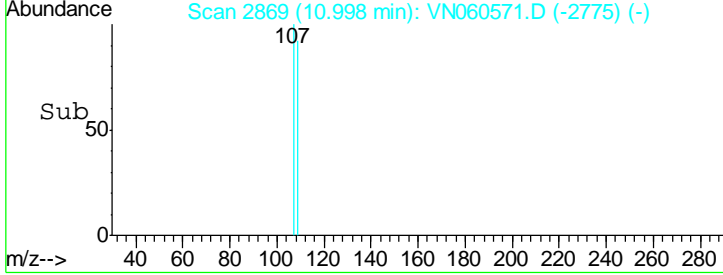
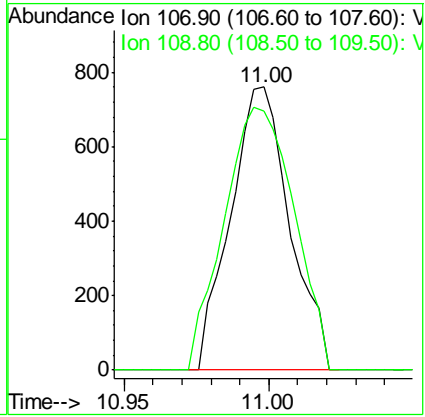
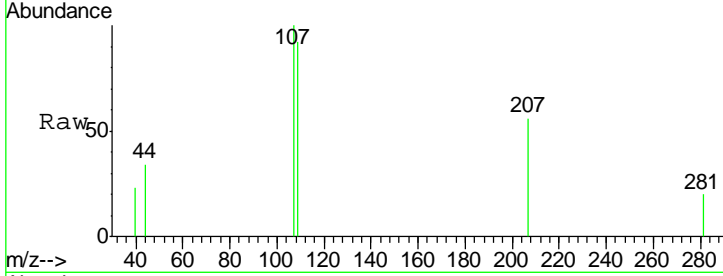


#61  
 1,2-Dibromoethane  
 Concen: 0.447 ug/l  
 RT: 11.00 min Scan# 2869  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

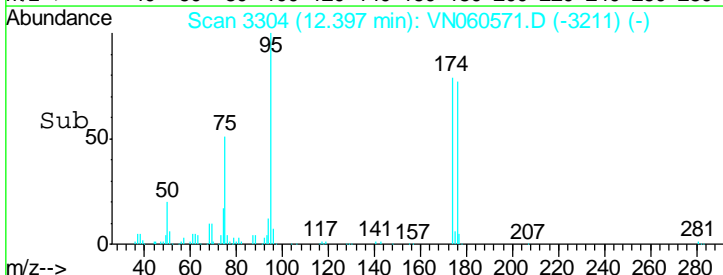
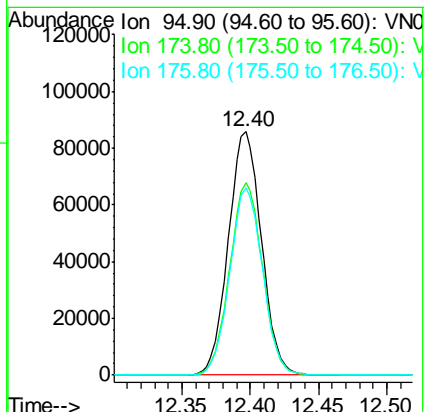
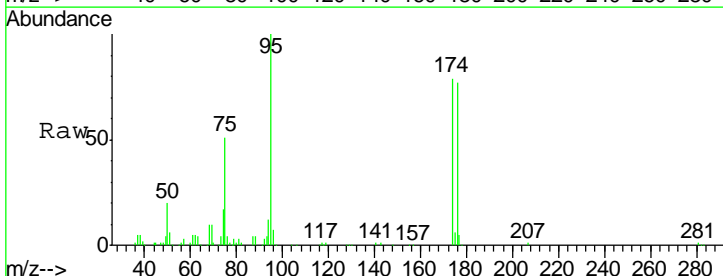
Tgt Ion	Resp	Lower	Upper
107	1078		
109	109.8	75.4	113.2

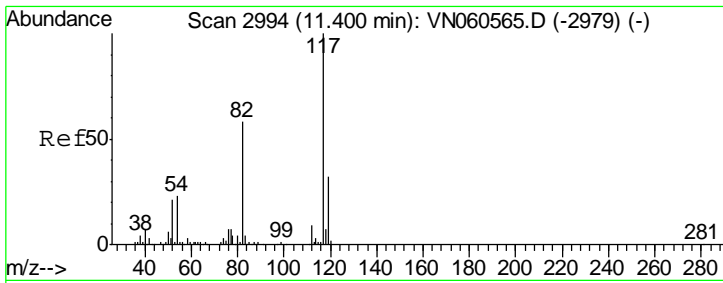
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/19/2020 1:02:13 PM



#62  
 4-Bromofluorobenzene  
 Concen: 45.260 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
95	144633		
174	78.7	0.0	157.6
176	76.2	0.0	150.6





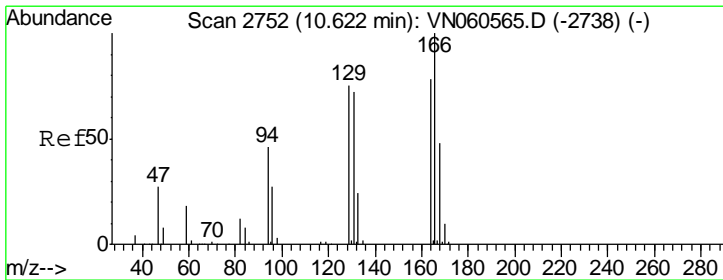
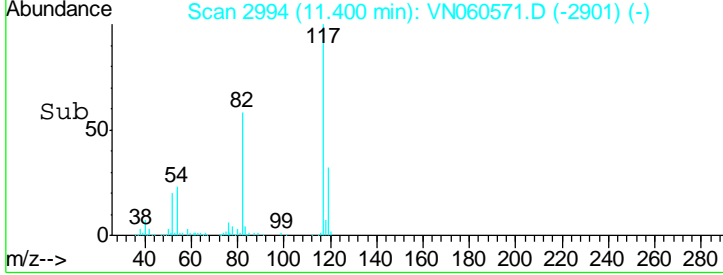
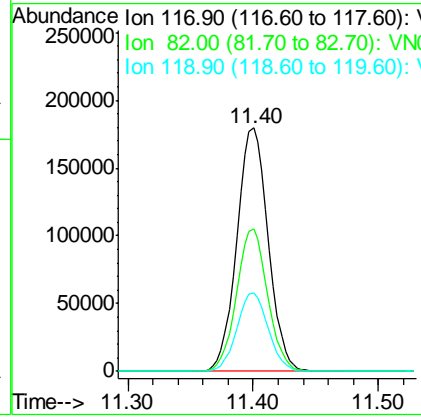
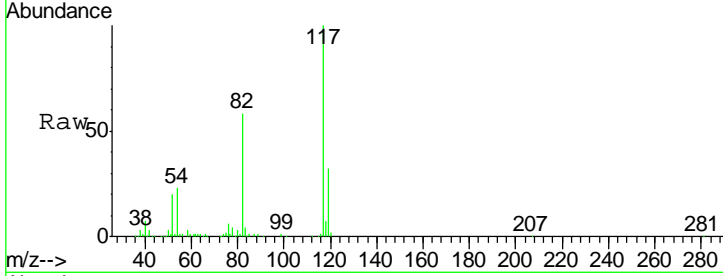
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.40 min Scan# 2994  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
117	311291		
82	58.5	46.7	70.1
119	32.1	25.5	38.3

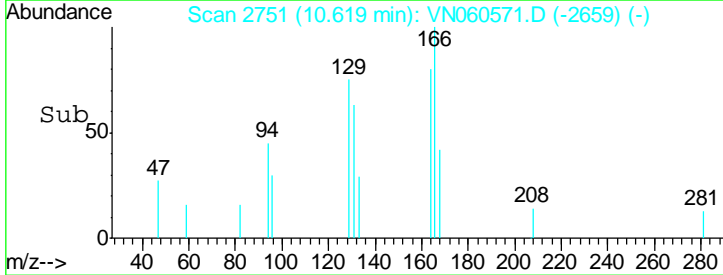
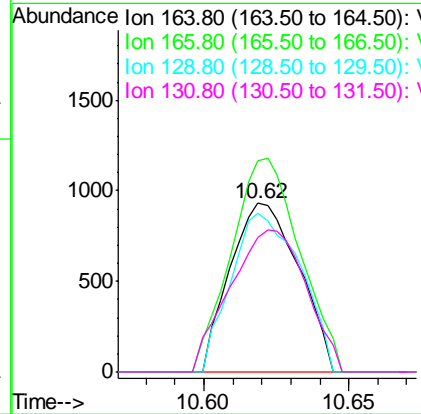
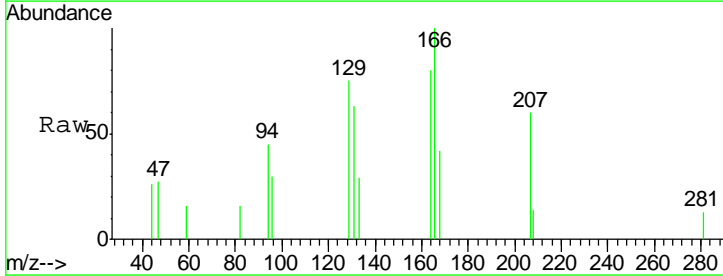
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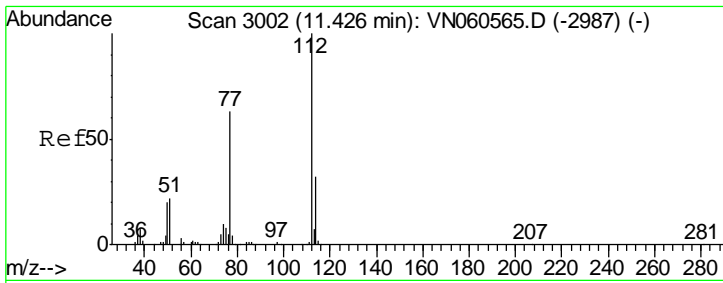
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#64  
 Tetrachloroethene  
 Concen: 0.625 ug/l  
 RT: 10.62 min Scan# 2751  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
164	1530		
166	125.5	102.7	154.1
129	94.4	77.2	115.8
131	79.7	73.8	110.6



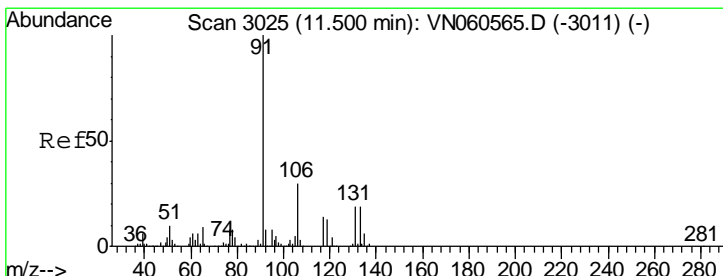
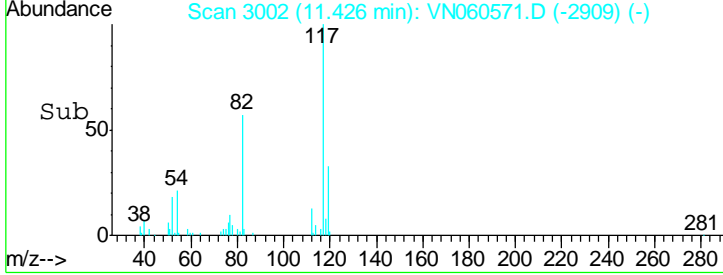
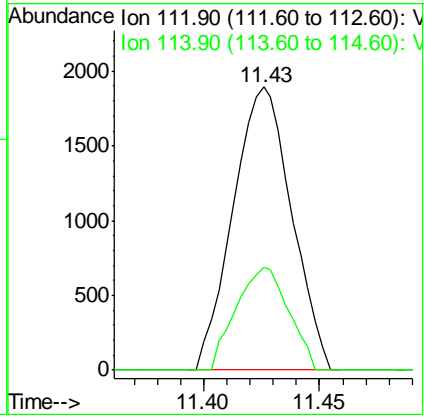
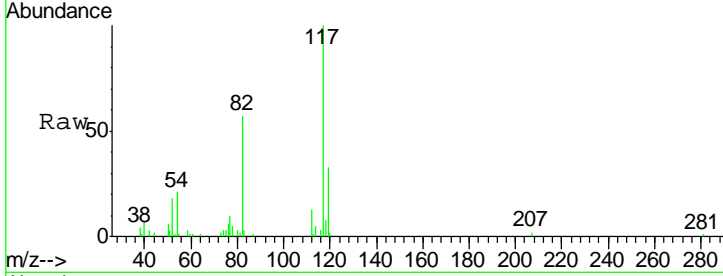


#65  
 Chlorobenzene  
 Concen: 0.538 ug/l  
 RT: 11.43 min Scan# 3002  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

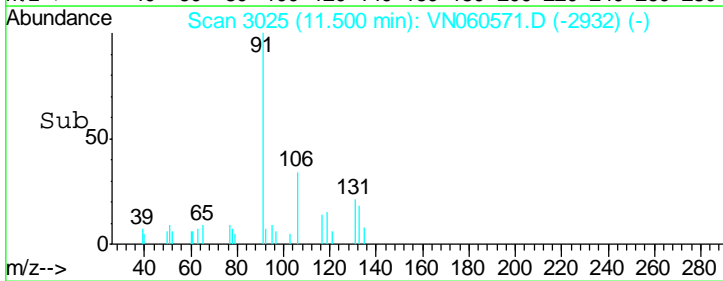
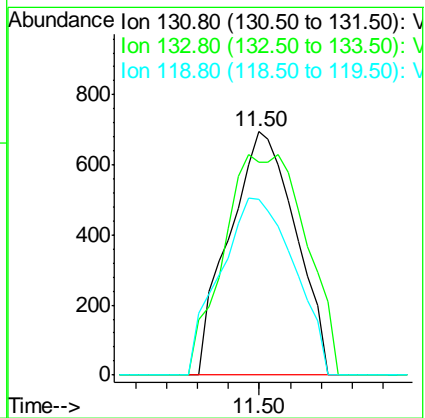
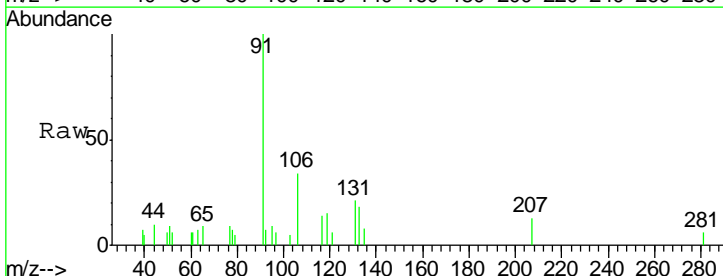
Tgt Ion	Resp	Lower	Upper
112	100		
114	36.3	25.8	38.6

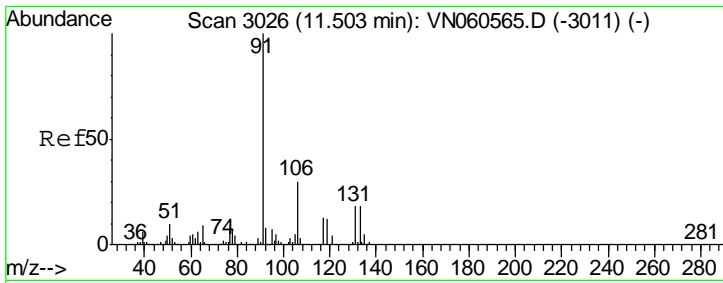
**Manual Integrations**  
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.462 ug/l  
 RT: 11.50 min Scan# 3025  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
131	100		
133	112.3	48.9	146.8
119	0.0	33.9	101.7#



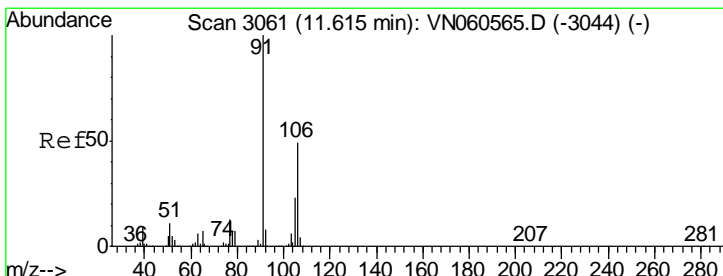
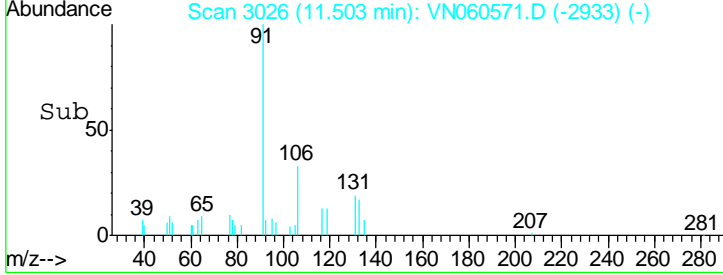
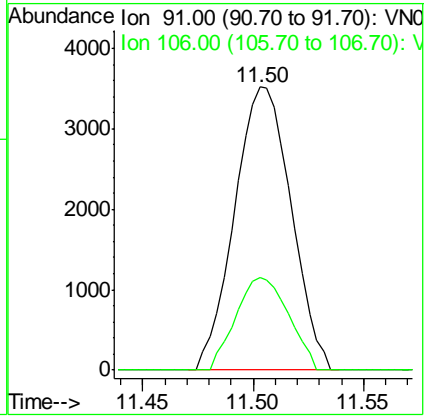
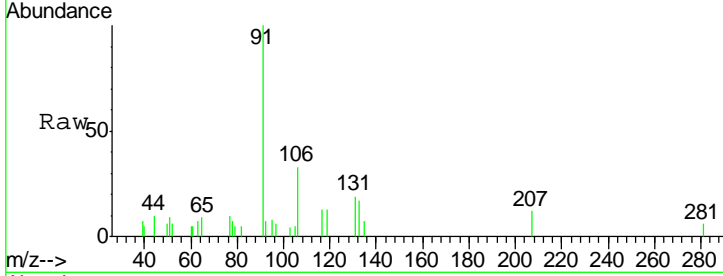


#67  
 Ethyl Benzene  
 Concen: 0.546 ug/l  
 RT: 11.50 min Scan# 3026  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

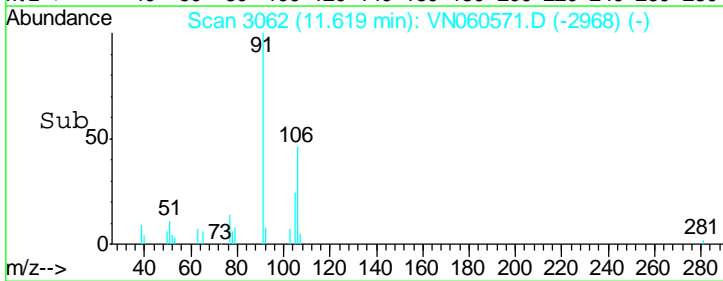
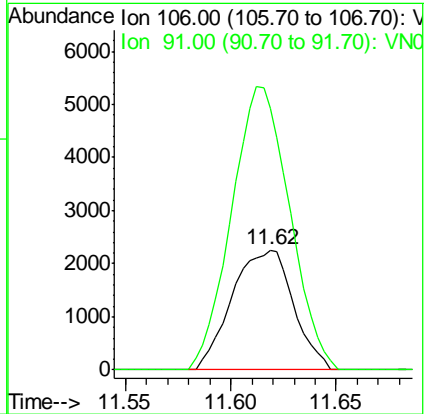
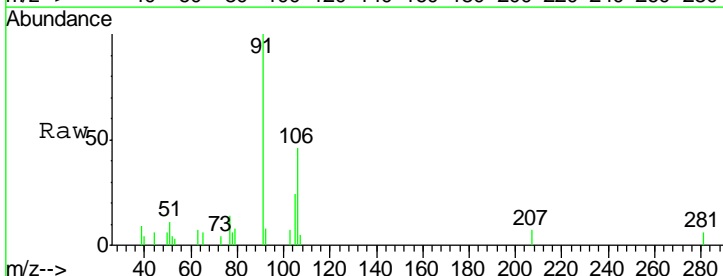
Tgt Ion	Resp	Lower	Upper
91	6269		
106	32.9	24.2	36.2

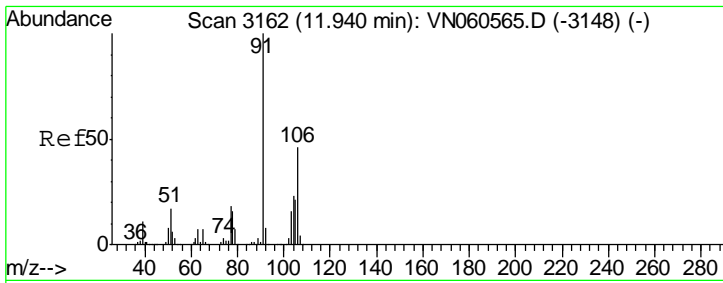
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#68  
 m/p-Xylenes  
 Concen: 1.069 ug/l  
 RT: 11.62 min Scan# 3062  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
106	4560		
91	223.6	165.0	247.4





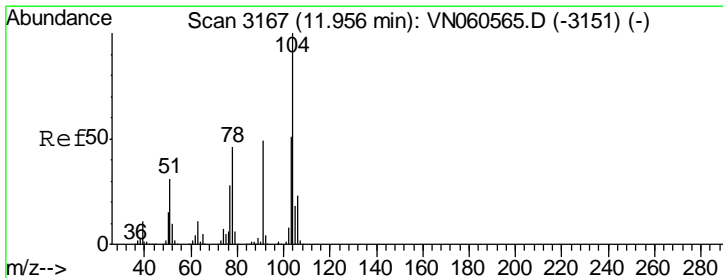
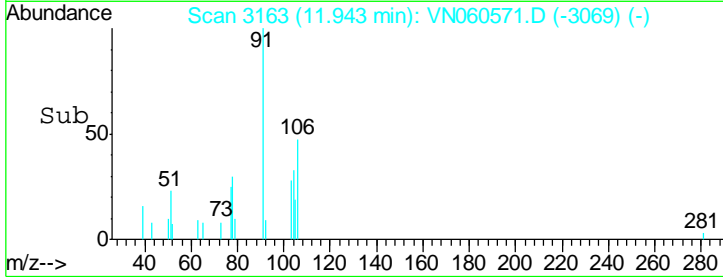
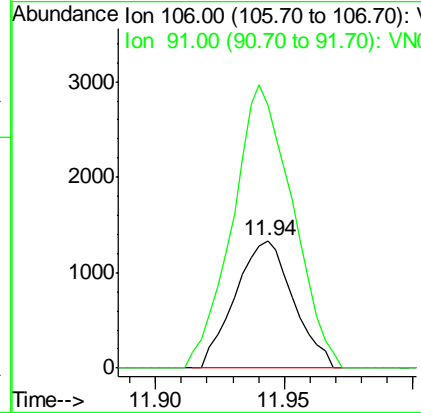
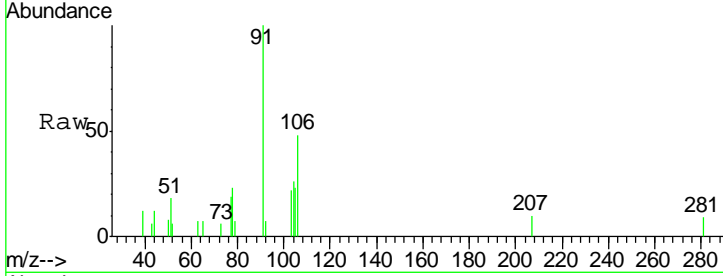
#69  
 o-Xylene  
 Concen: 0.516 ug/l  
 RT: 11.94 min Scan# 3163  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
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Tgt Ion	Resp	Lower	Upper
106	2101		
106	100		
91	228.9	109.5	328.4

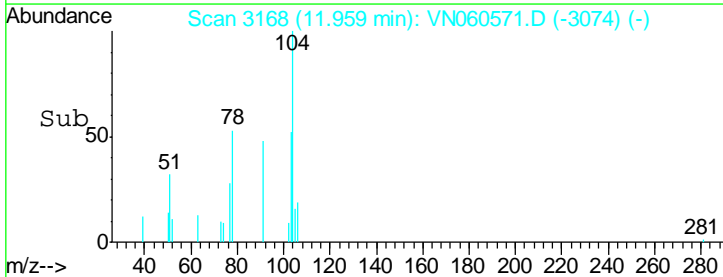
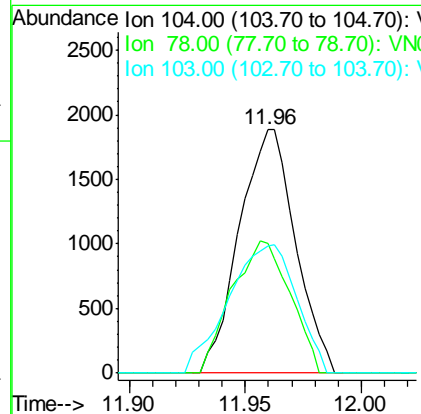
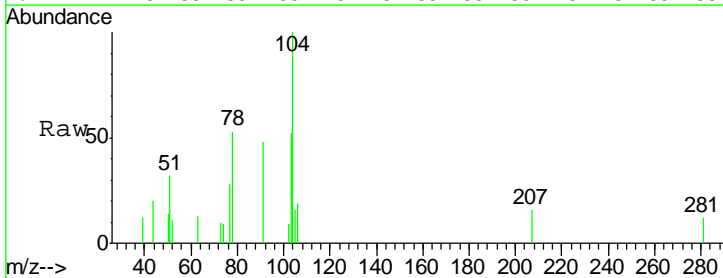
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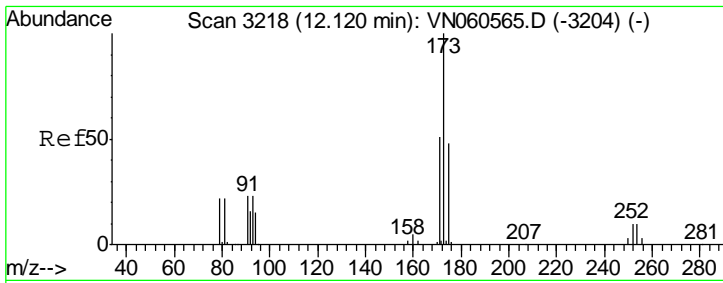
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#70  
 Styrene  
 Concen: 0.474 ug/l  
 RT: 11.96 min Scan# 3168  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

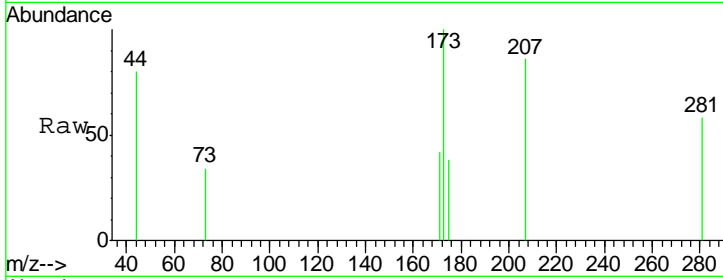
Tgt Ion	Resp	Lower	Upper
104	3158		
104	100		
78	56.4	41.2	61.8
103	63.8	44.0	66.0





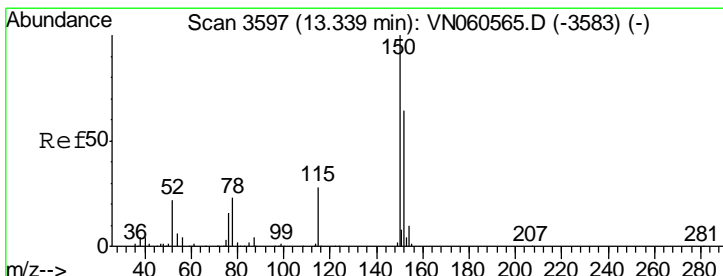
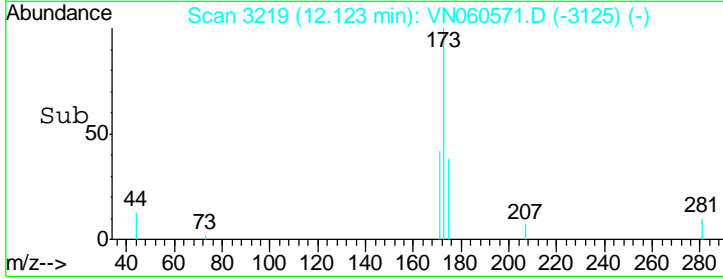
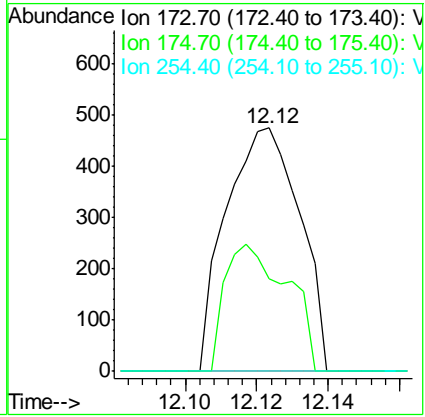
#71  
 Bromoform  
 Concen: 0.405 ug/l  
 RT: 12.12 min Scan# 3219  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020



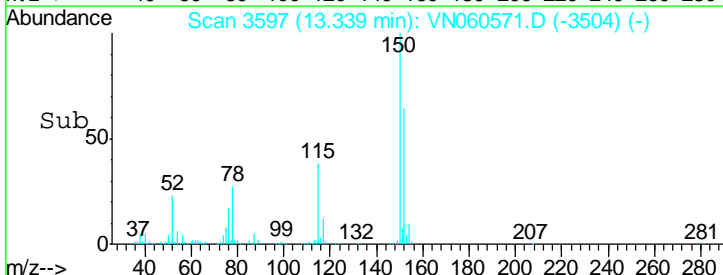
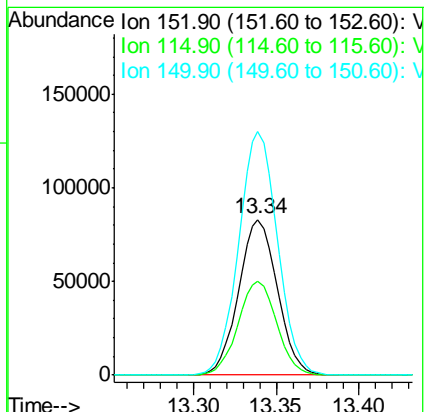
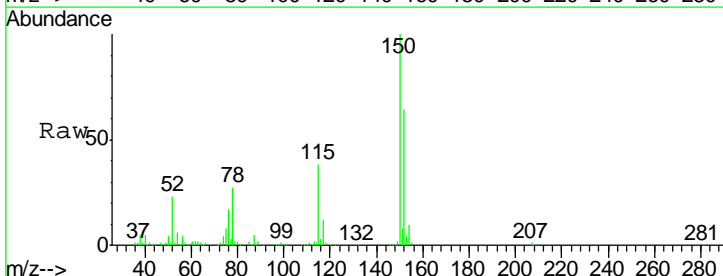
Tgt Ion	Resp	Lower	Upper
173	100		
175	44.4	24.1	72.4
254	0.0	0.0	0.0

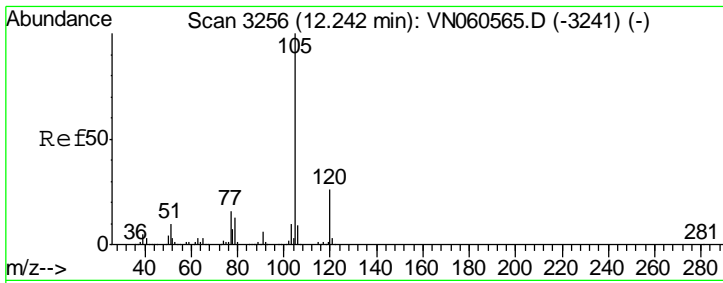
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#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
152	100		
115	60.2	30.2	90.6
150	157.2	0.0	350.2



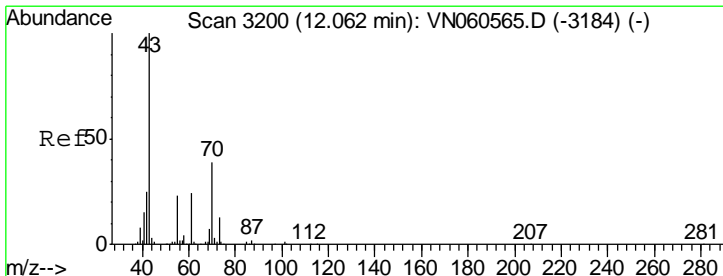
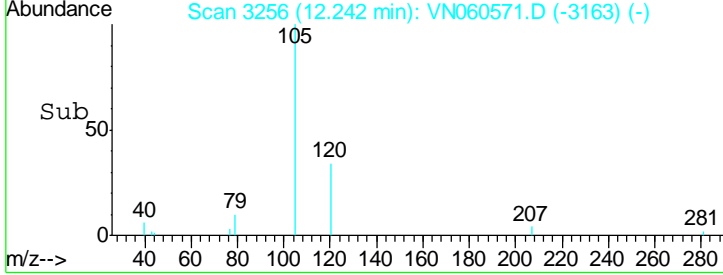
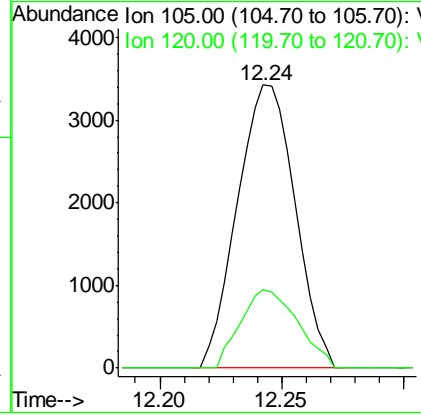
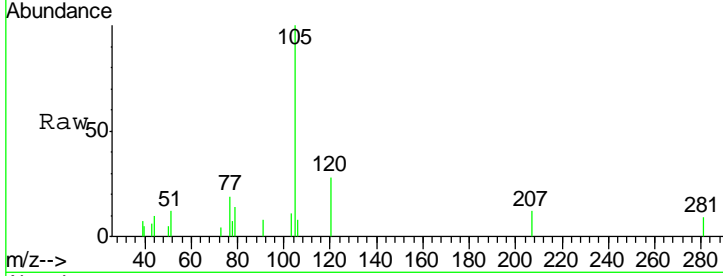


#73  
 Isopropylbenzene  
 Concen: 0.555 ug/l  
 RT: 12.24 min Scan# 3256  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

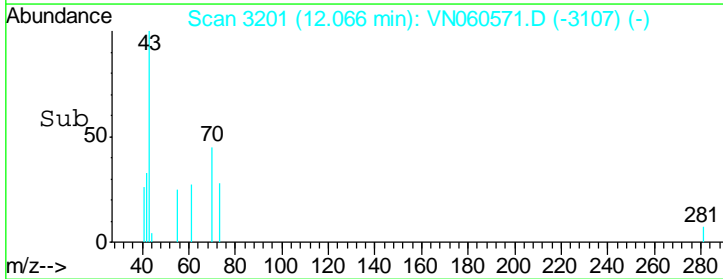
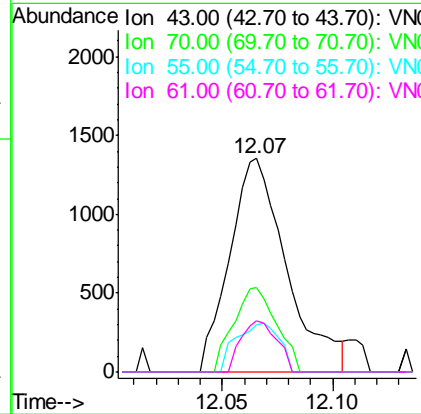
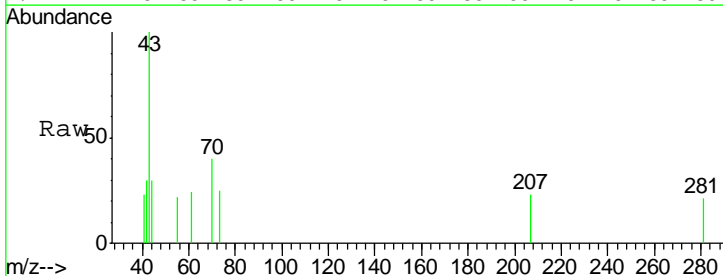
Tgt Ion	Resp	Lower	Upper
105	100		
120	27.4	13.1	39.1

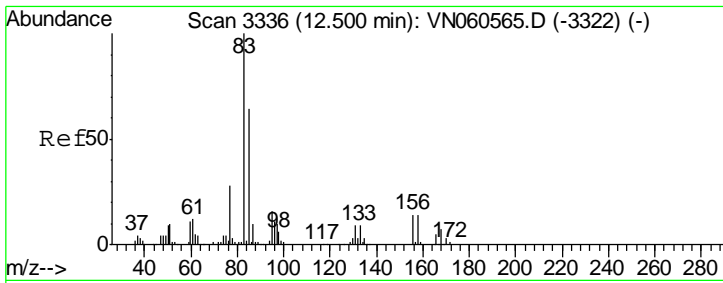
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#74  
 N-nyl acetate  
 Concen: 0.520 ug/l  
 RT: 12.07 min Scan# 3201  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

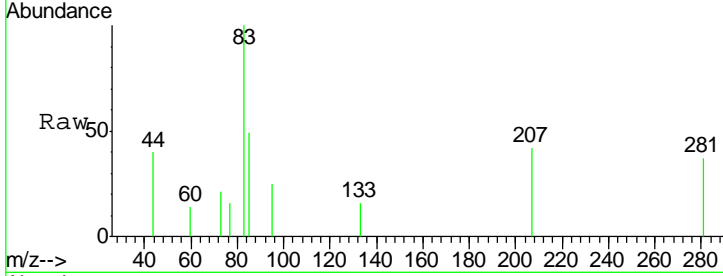
Tgt Ion	Resp	Lower	Upper
43	100		
70	29.7	31.1	46.7#
55	17.3	18.6	27.8#
61	15.2	18.9	28.3#





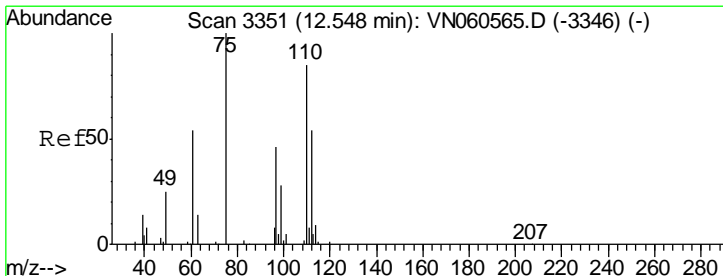
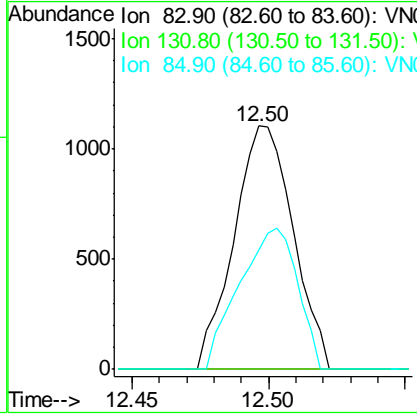
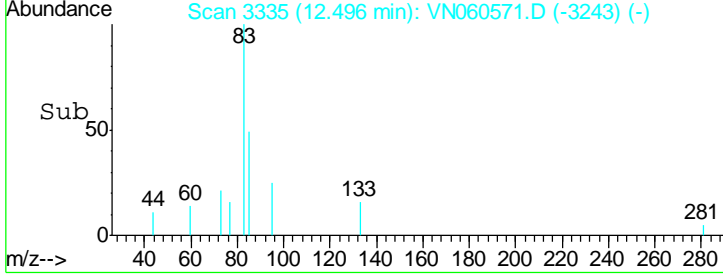
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.541 ug/l  
 RT: 12.50 min Scan# 3335  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

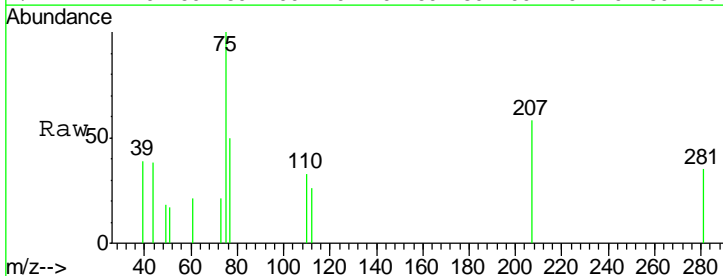


Tgt Ion	Resp	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	57.3	32.5	97.4

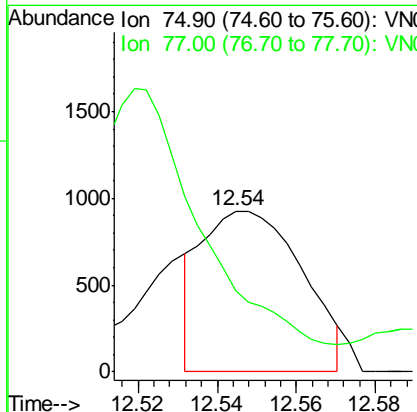
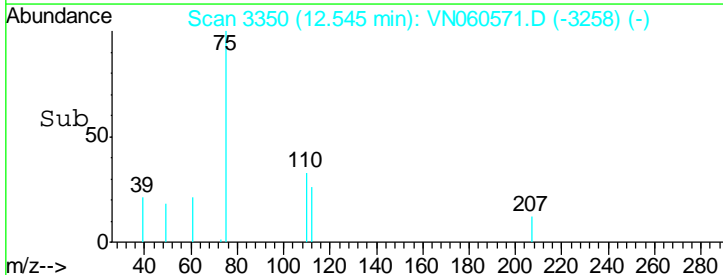
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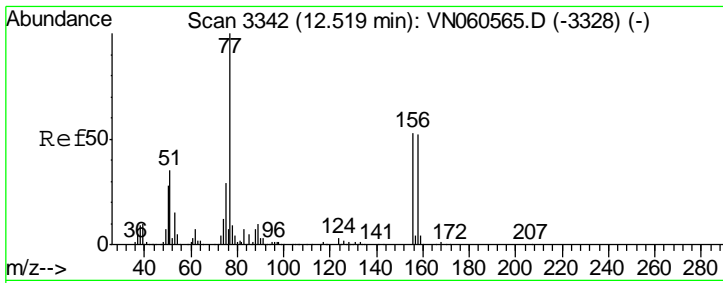
#76  
 1,2,3-Trichloropropane  
 Concen: 0.561 ug/l m  
 RT: 12.54 min Scan# 3350  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14



Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0





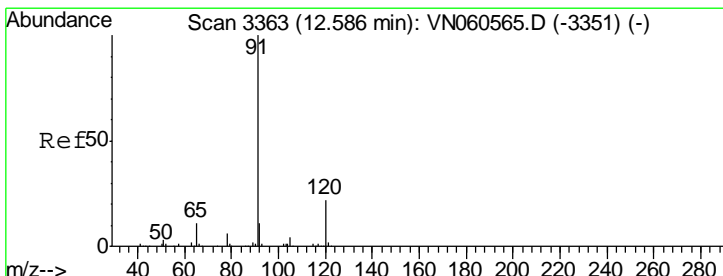
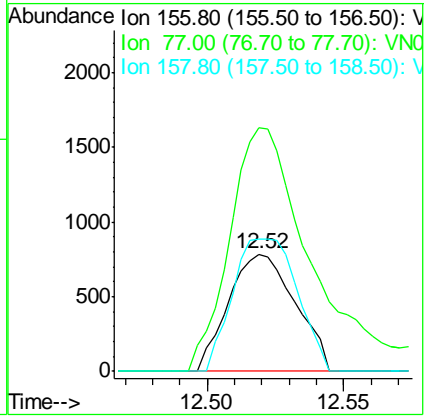
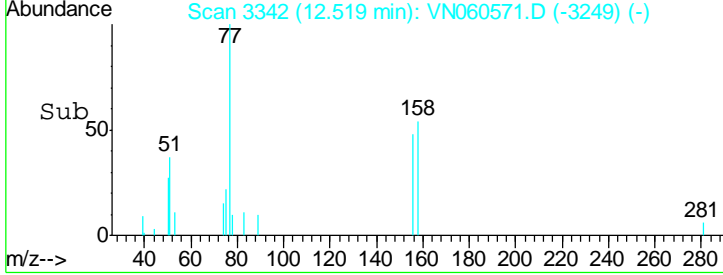
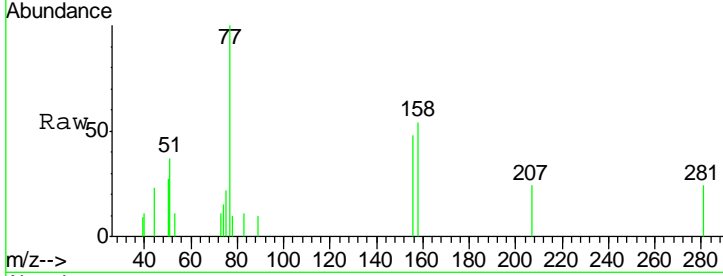


#77  
 Bromobenzene  
 Concen: 0.547 ug/l  
 RT: 12.52 min Scan# 3342  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 Client Sampled : LOD-MDL-WATER-01-QT1-2020

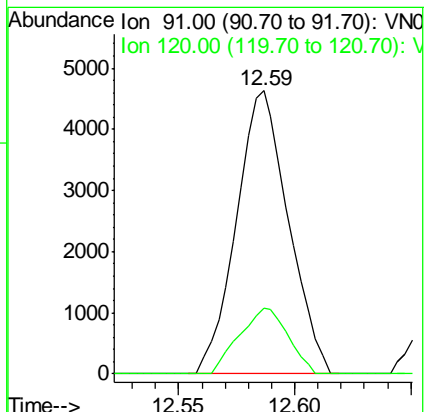
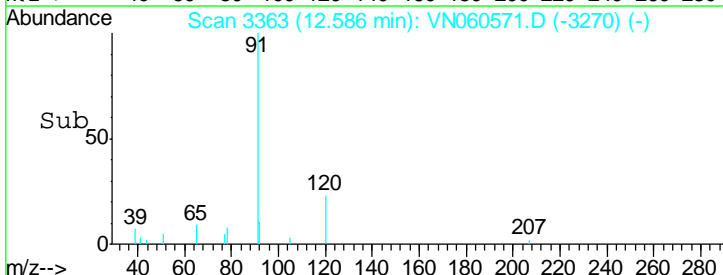
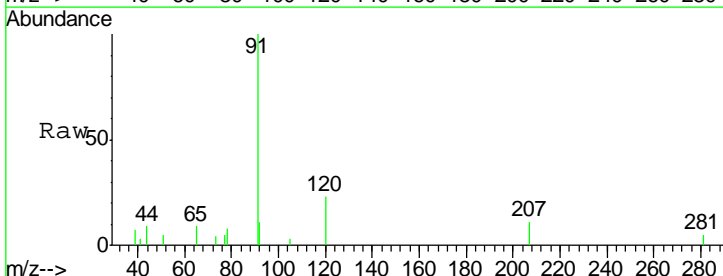
Tgt Ion	Resp	Lower	Upper
156	1334		
77	249.6	112.3	337.0
158	109.8	48.6	145.8

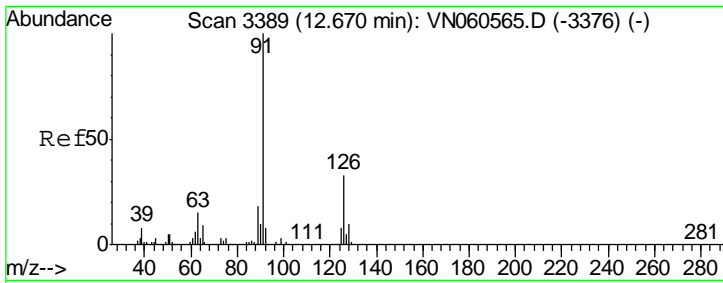
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#78  
 n-propylbenzene  
 Concen: 0.601 ug/l  
 RT: 12.59 min Scan# 3363  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
91	7184		
120	21.7	11.3	33.8



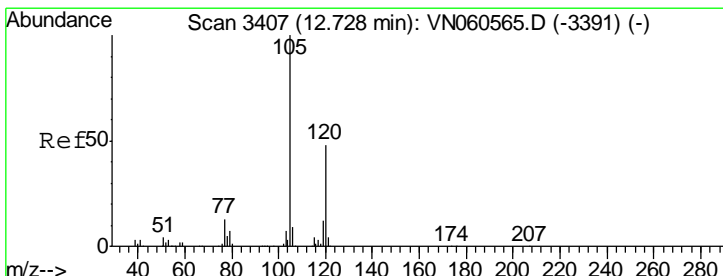
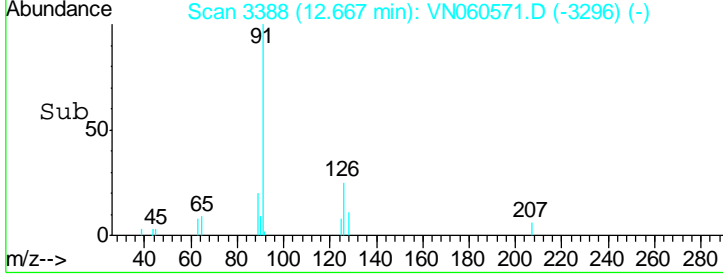
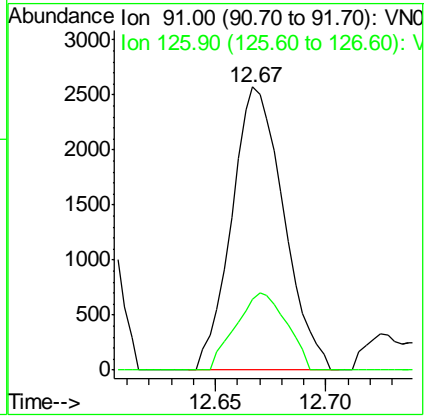
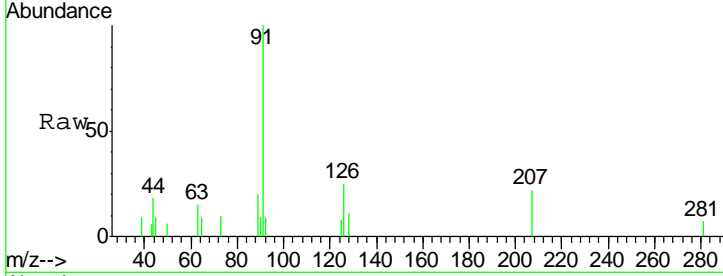


#79  
 2-Chlorotoluene  
 Concen: 0.589 ug/l  
 RT: 12.67 min Scan# 3388  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

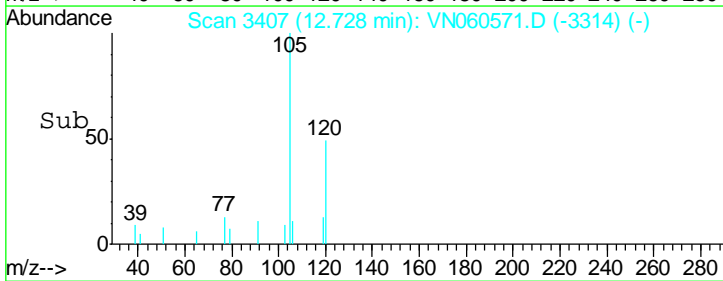
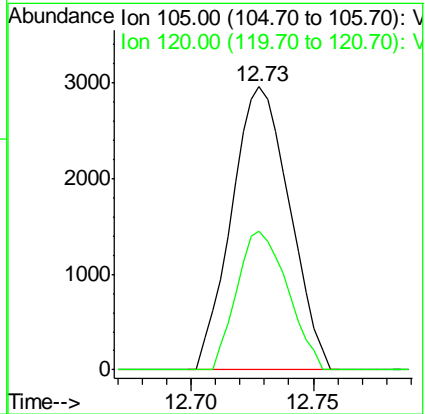
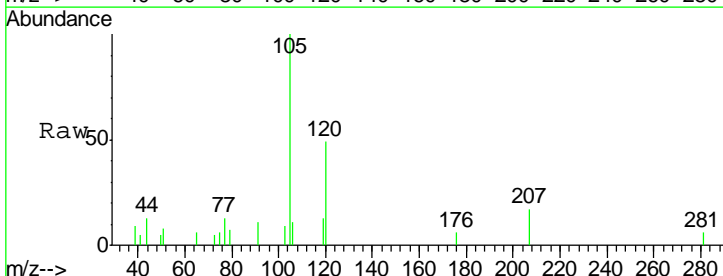
Tgt Ion	Resp	Lower	Upper
91	4210	100	
126	26.6	16.4	49.1

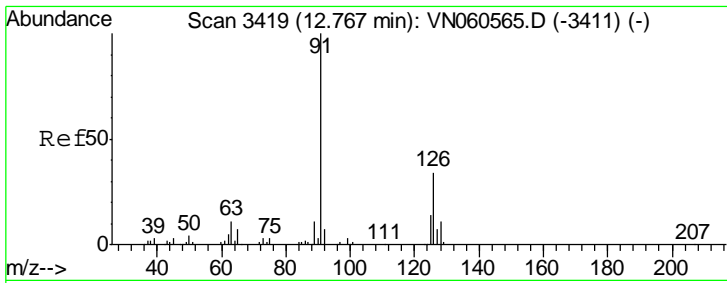
Manual Integrations  
**APPROVED**  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.568 ug/l  
 RT: 12.73 min Scan# 3407  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
105	4876	100	
120	42.9	23.9	71.7





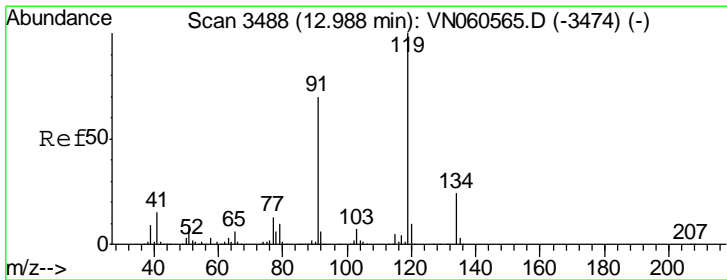
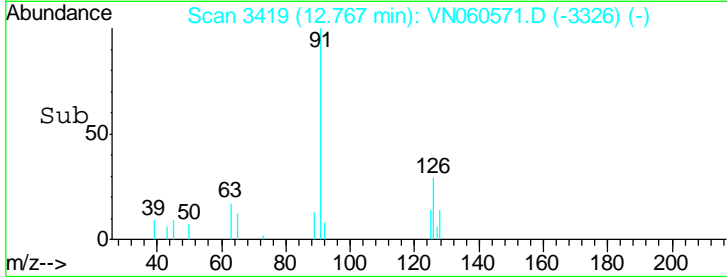
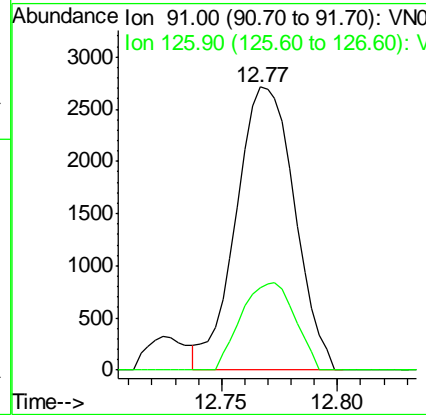
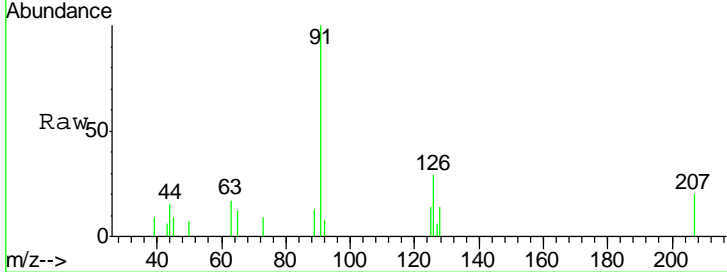
#82  
 4-Chlorotoluene  
 Concen: 0.654 ug/l  
 RT: 12.77 min Scan# 3419  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
91	100		
126	28.4	16.2	48.5

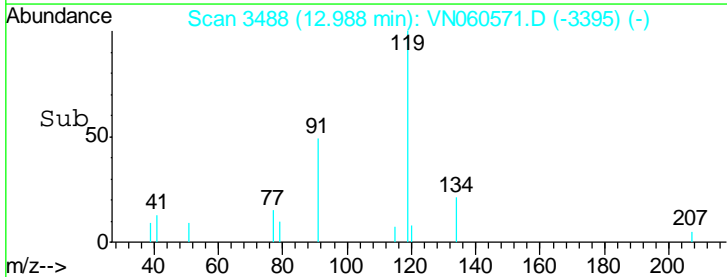
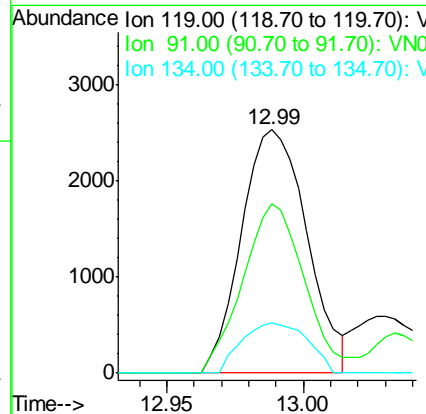
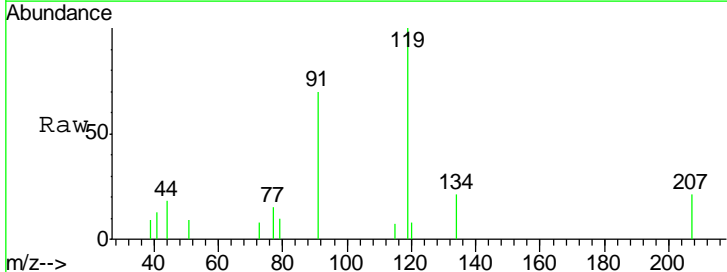
Manual Integrations  
 APPROVED

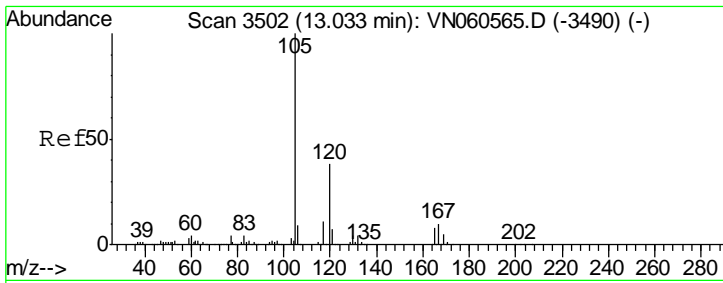
MMDadoda  
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#83  
 tert-Butylbenzene  
 Concen: 0.593 ug/l  
 RT: 12.99 min Scan# 3488  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
119	100		
91	65.4	34.0	101.8
134	20.7	12.7	38.0



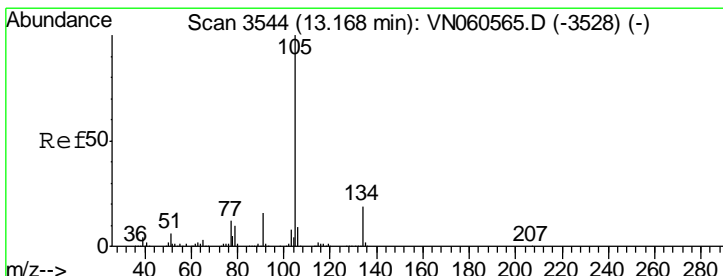
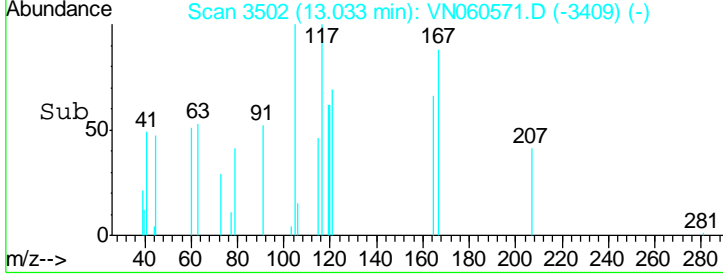
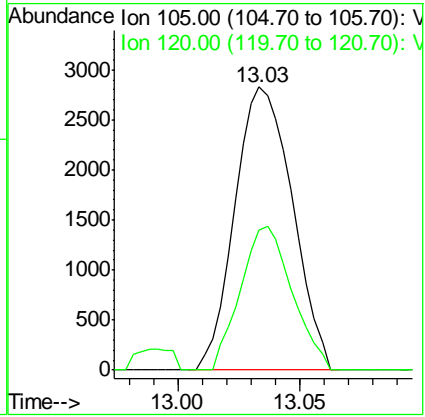
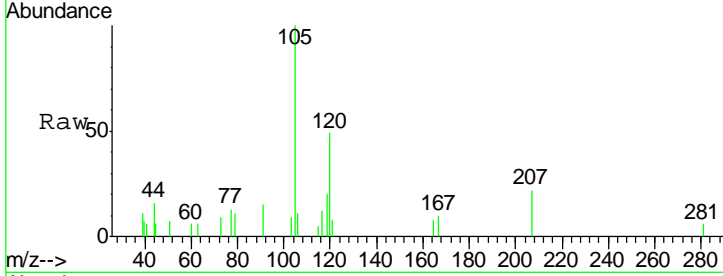


#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.544 ug/l  
 RT: 13.03 min Scan# 3502  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

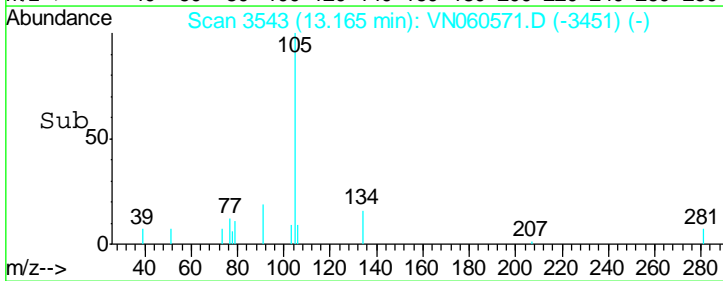
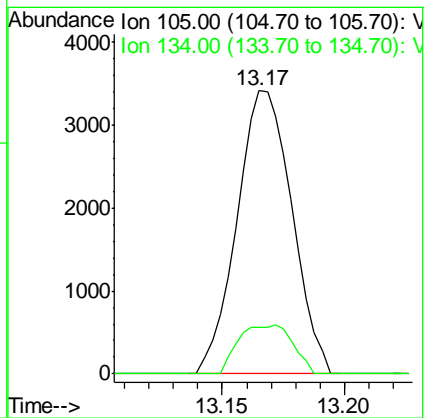
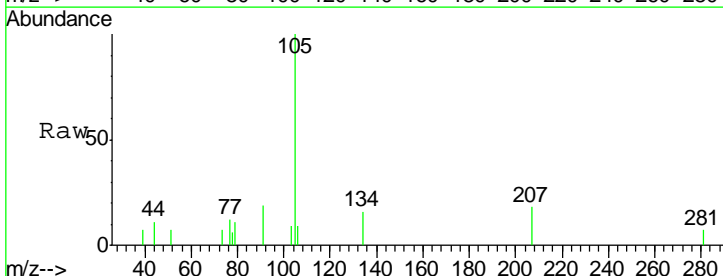
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.6	22.1	66.5

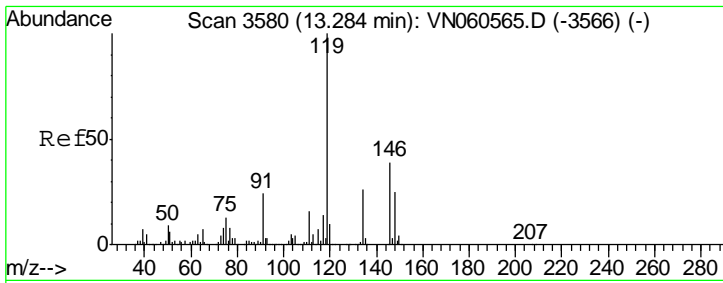
Manual Integrations  
**APPROVED**  
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#85  
 sec-Butylbenzene  
 Concen: 0.556 ug/l  
 RT: 13.17 min Scan# 3543  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
105	100		
134	17.1	9.6	28.8



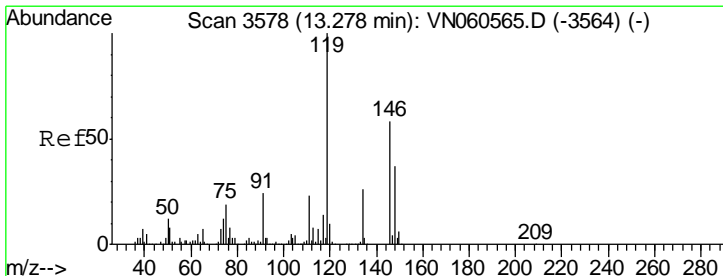
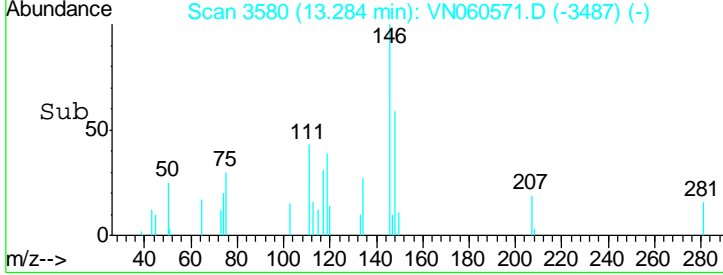
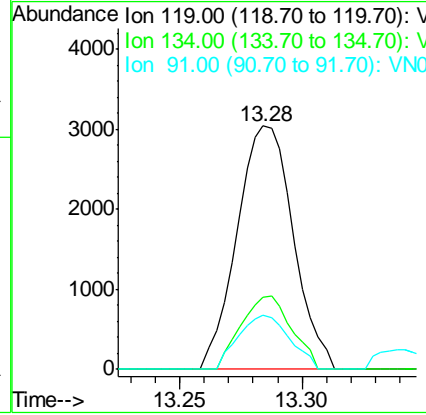
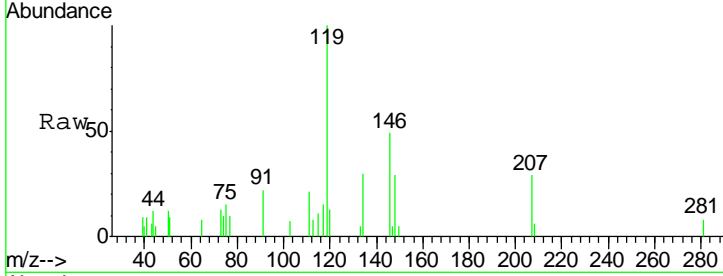


#86  
 p-Isopropyltoluene  
 Concen: 0.563 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 ClientSampled : LOD-MDL-WATER-01-QT1-2020

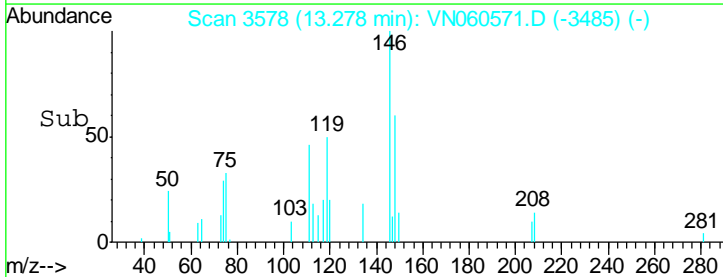
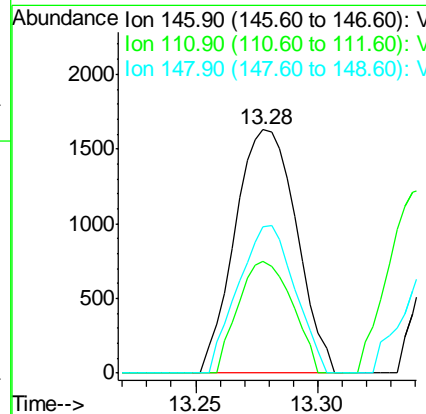
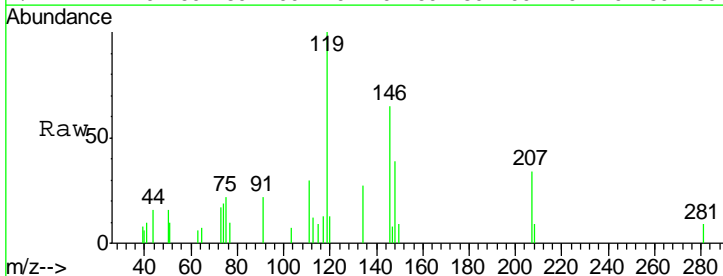
Tgt Ion	Resp	Lower	Upper
119	100		
134	27.2	13.0	39.0
91	20.4	12.0	36.0

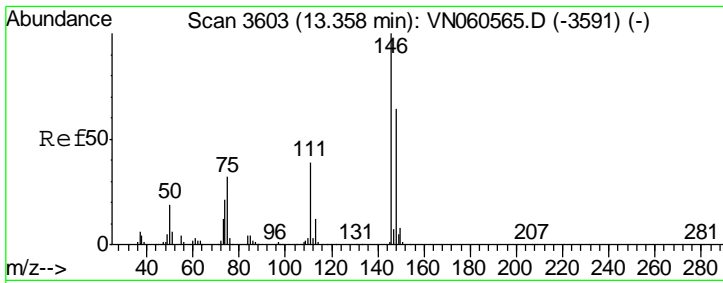
Manual Integrations  
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#87  
 1,3-Dichlorobenzene  
 Concen: 0.663 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	55.8	32.5	97.4





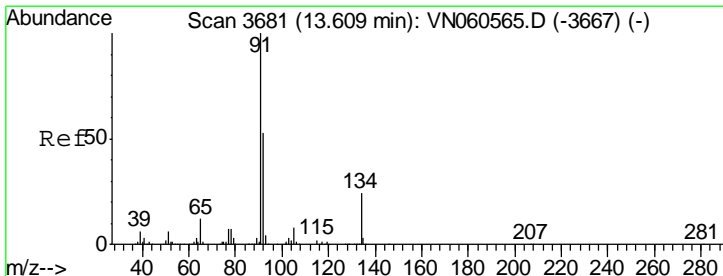
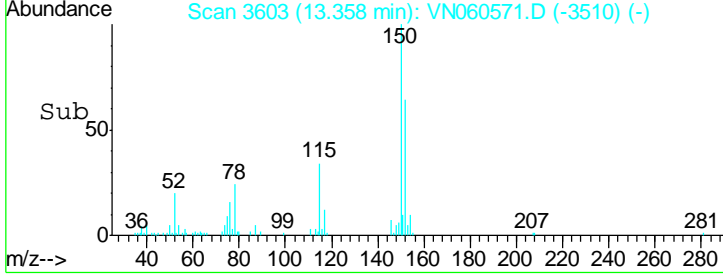
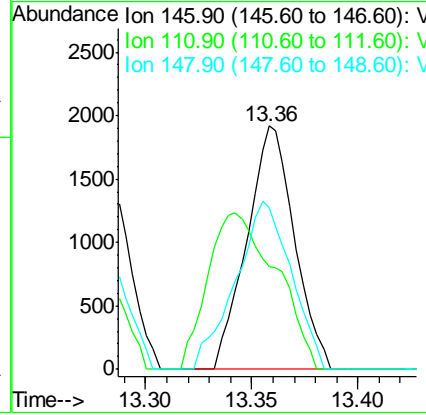
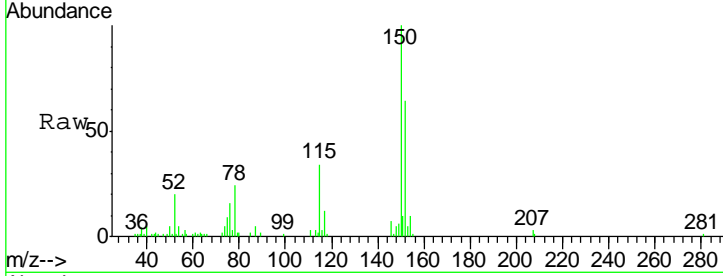
#88  
 1,4-Dichlorobenzene  
 Concen: 0.690 ug/l m  
 RT: 13.36 min Scan# 3603  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	53.4	32.1	96.3

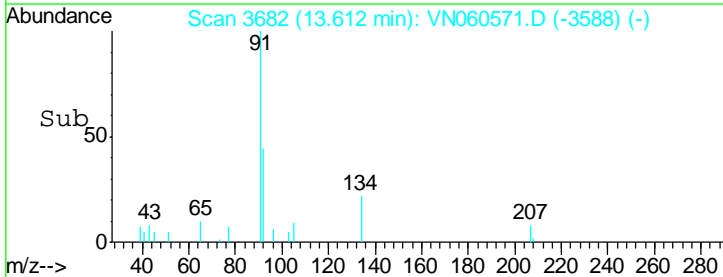
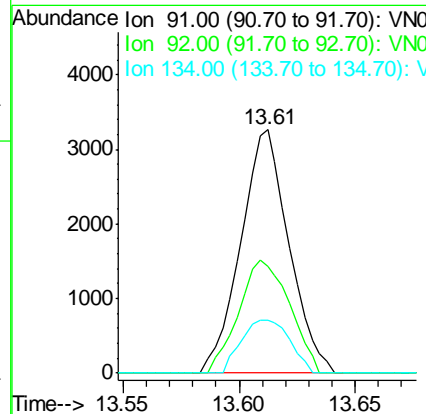
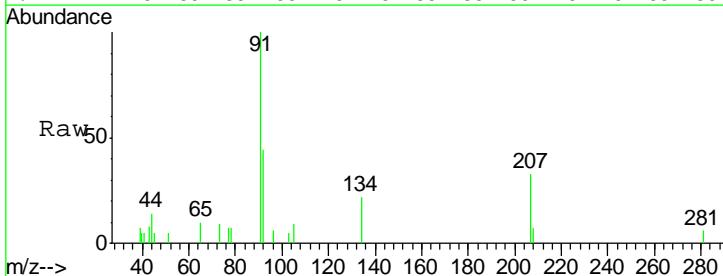
**Manual Integrations**  
**APPROVED**

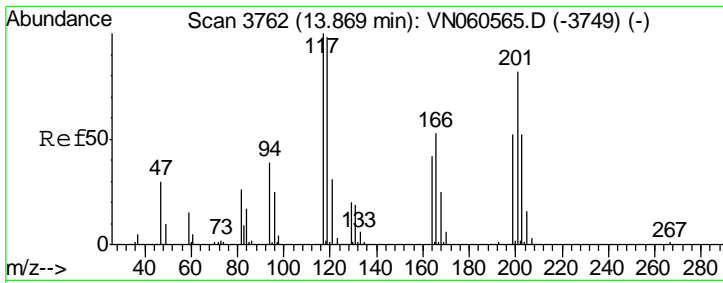
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#89  
 n-Butylbenzene  
 Concen: 0.604 ug/l  
 RT: 13.61 min Scan# 3682  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
91	100		
92	49.0	26.2	78.5
134	21.7	12.3	36.9



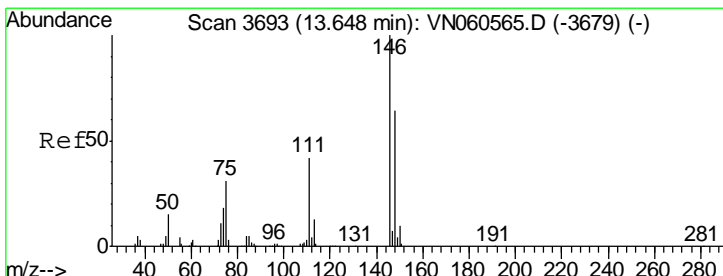
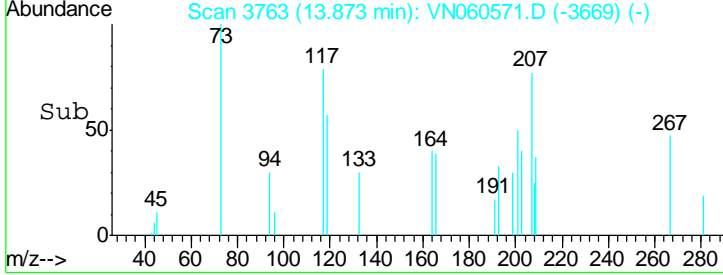
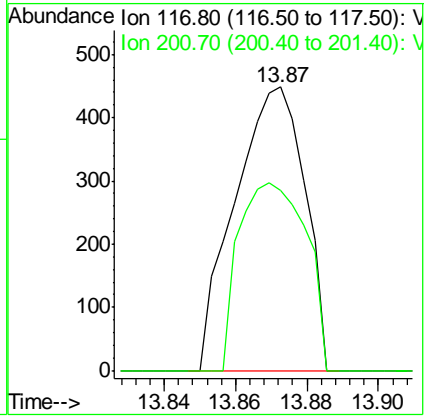
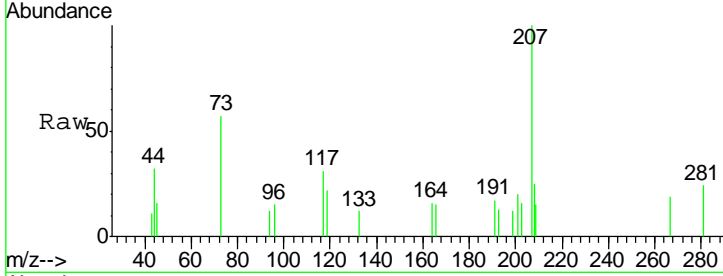


#90  
 Hexachloroethane  
 Concen: 0.483 ug/l  
 RT: 13.87 min Scan# 3763  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 Client Sampled : LOD-MDL-WATER-01-QT1-2020

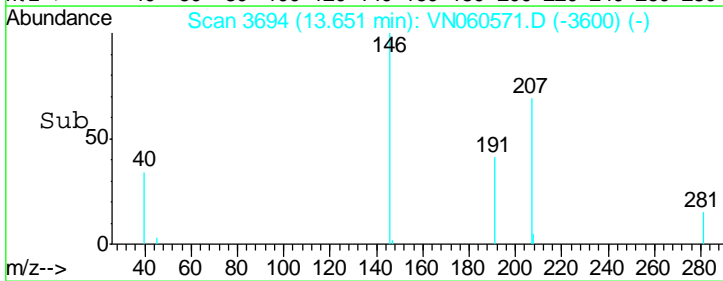
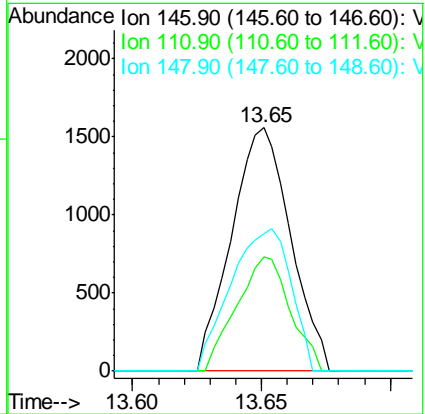
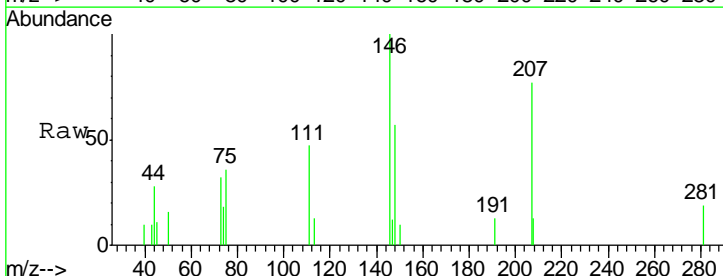
Tgt Ion	Resp	Lower	Upper
117	605		
117	100		
201	63.8	40.8	122.5

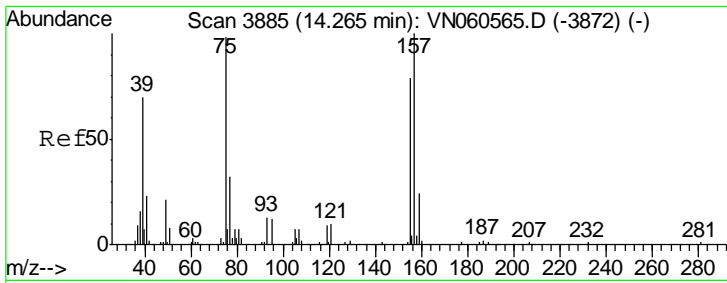
Manual Integrations  
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#91  
 1,2-Dichlorobenzene  
 Concen: 0.603 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
146	2482		
146	100		
111	42.7	21.0	63.0
148	59.7	31.9	95.5





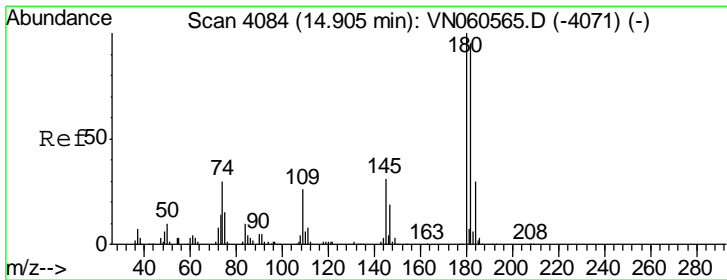
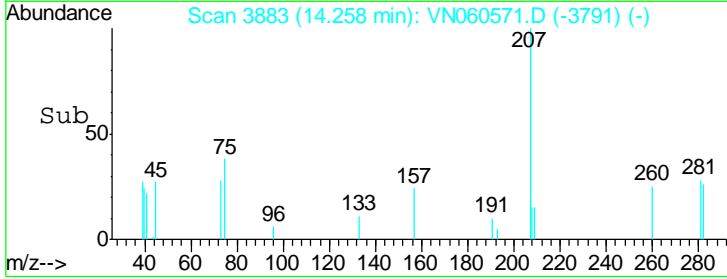
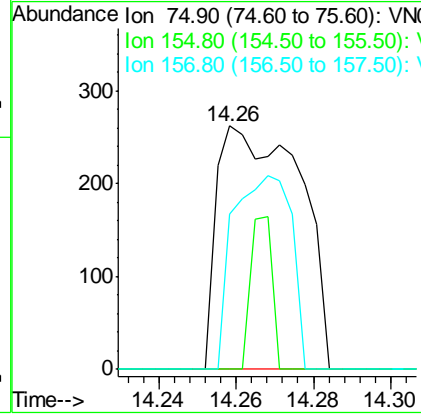
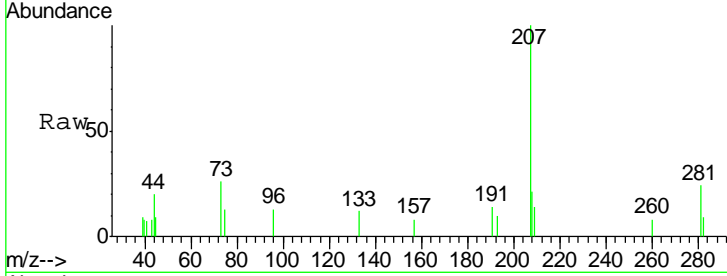
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.566 ug/l  
 RT: 14.26 min Scan# 3883  
 Delta R.T. -0.01 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Instrument : MSVOA\_N  
 Client Sampled : LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Resp	Lower	Upper
75	100		
155	16.2	40.7	122.1#
157	55.8	51.5	154.7

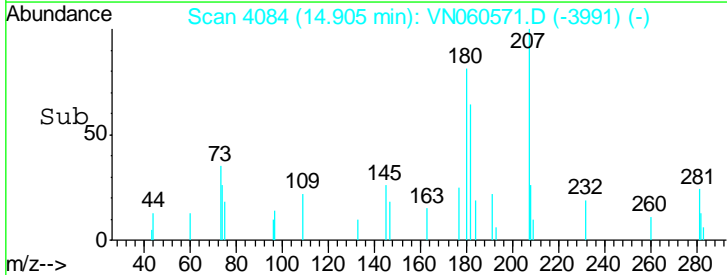
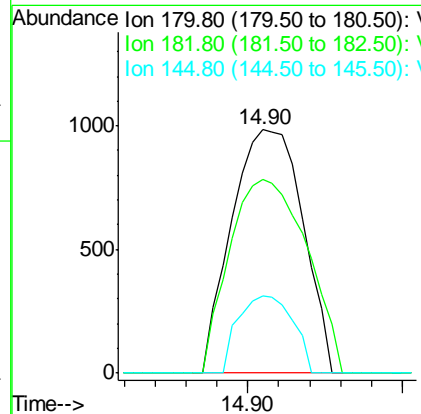
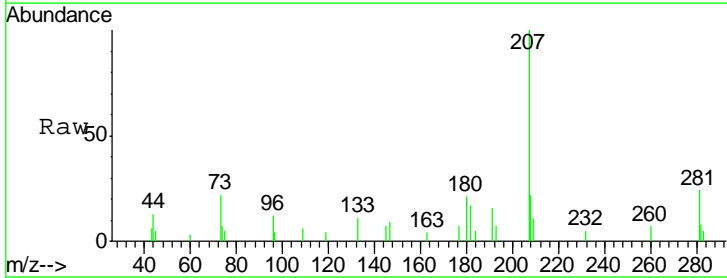
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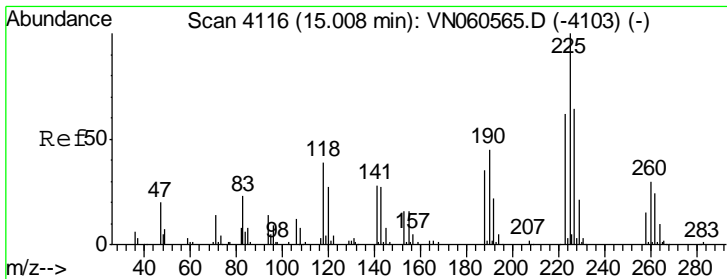


#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.622 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

Tgt Ion	Resp	Lower	Upper
180	100		
182	86.7	47.9	143.8
145	24.4	15.4	46.2

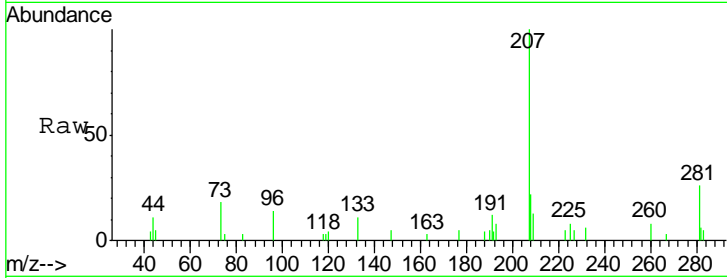






#94  
 Hexachlorobutadiene  
 Concen: 0.568 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

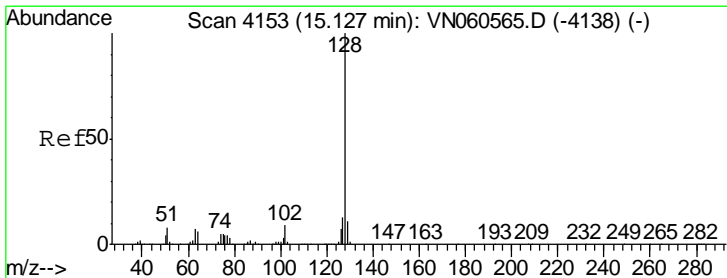
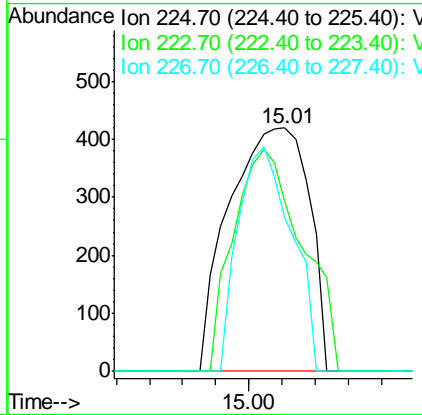
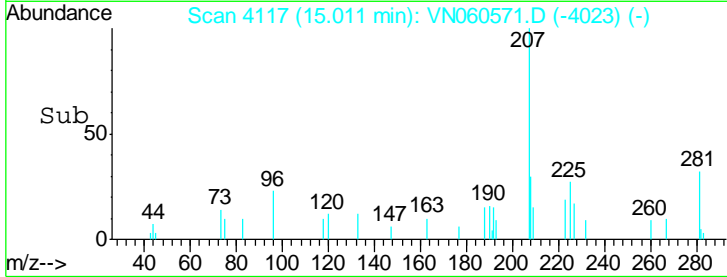
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 LOD-MDL-WATER-01-QT1-2020



Tgt Ion	Resp	Lower	Upper
225	100		
223	78.6	31.6	95.0
227	61.8	32.3	96.8

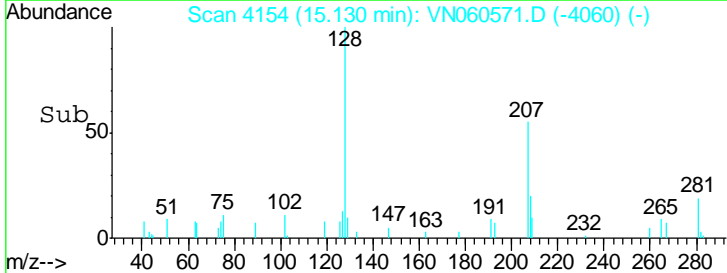
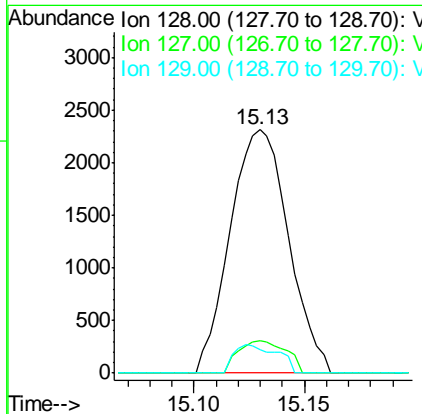
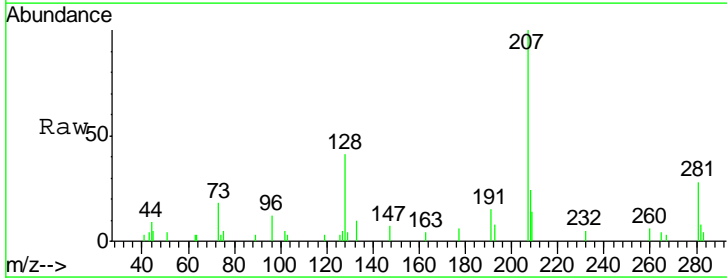
Manual Integrations  
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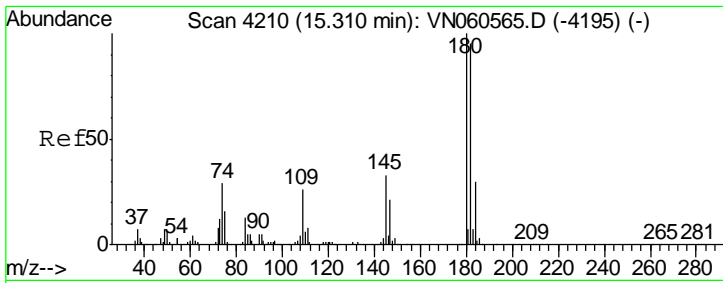
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#95  
 Naphthalene  
 Concen: 0.561 ug/l  
 RT: 15.13 min Scan# 4154  
 Delta R.T. 0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

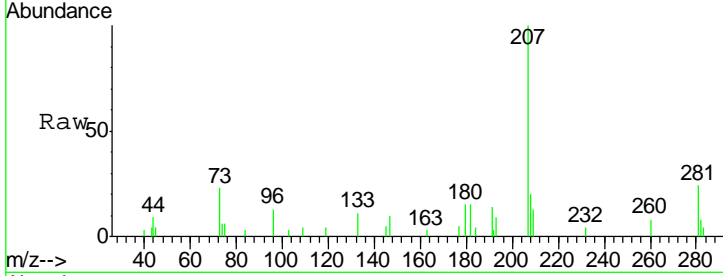
Tgt Ion	Resp	Lower	Upper
128	100		
127	10.9	10.2	15.2
129	8.7	8.8	13.2#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.612 ug/l  
 RT: 15.31 min Scan# 4210  
 Delta R.T. -0.00 min  
 Lab File: VN060571.D  
 Acq: 17 Mar 2020 22:14

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT1-2020



Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.5	142.6
145	31.2	16.3	48.8

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/19/2020 1:02:13 PM

